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CUMMINS TOWN ..... FAC - C - 78
CUNDERDIN ..... FAC - C - 78
CUNNAMULLA ..... FAC - C - 79
CURTIN ..... FAC - C - 80
DALBY ..... FAC - D - 1
DALGARANGA MINE ..... FAC - D - 1
DARLOT ..... FAC - D - 2
DARNLEY ISLAND ..... FAC - D - 3
DARWIN ..... FAC - D - 4
DAVENPORT DOWNS ..... FAC - D - 13
DEGRUSSA ..... FAC - D - 13
DELAMERE RANGE FACILITY ..... FAC - D - 14
DELISSAVILLE ..... FAC - D - 15
DELTA DOWNS ..... FAC - D - 15
DENILIQUIN ..... FAC - D - 16
DENMARK ..... FAC - D - 16
DERBY ..... FAC - D - 17
DEVONPORT ..... FAC - D - 18
DIRRANBANDI ..... FAC - D - 20
DJARINDJIN/LOMBADINA ..... FAC - D - 21
DOCHRA ..... FAC - D - 22
DOCKER RIVER ..... FAC - D - 22
DOLPHIN PLATFORM ..... FAC - D - 23
DONALD ..... FAC - D - 23
DONNINGTON AIRPARK ..... FAC - D - 24
DOOMADGEE ..... FAC - D - 24
DORUNDA STATION ..... FAC - D - 25
DROUIN ..... FAC - D - 25
DRYSDALE RIVER ..... FAC - D - 26
DUBBO ..... FAC - D - 26
DUKETON GOLD ..... FAC - D - 28
DUMBLEYUNG ..... FAC - D - 29
DUNBAR ..... FAC - D - 30
DUNK ISLAND ..... FAC - D - 30
DUNWICH ..... FAC - D - 30
DURHAM DOWNS ..... FAC - D - 31
DURRIE ..... FAC - D - 31
DYSART ..... FAC - D - 32
EAST JAURDI ..... FAC - E - 1
EAST SALE ..... FAC - E - 2
ECHUCA ..... FAC - E - 7
ECO BEACH ..... FAC - E - 7
EDINBURGH ..... FAC - E - 8
EIDSVOLD ..... FAC - E - 12
ELCHO ISLAND ..... FAC - E - 13
ELIWANA ..... FAC - E - 14
ELIZABETH QUAY ..... FAC - E - 16
ELLISTON ..... FAC - E - 17
ELROSE ..... FAC - E - 17
EMERALD ..... FAC - E - 18
EMKAYTEE ..... FAC - E - 19
EMU PARK ..... FAC - E - 20
ENOGGERA HELIPORT ..... FAC - E - 21
ERINA HELIPORT ..... FAC - E - 22
ERNABELLA ..... FAC - E - 22
EROMANGA ..... FAC - E - 23
ESPERANCE ..... FAC - E - 23
EULO ..... FAC - E - 25
EUROA ..... FAC - E - 25
EVANS HEAD ..... FAC - E - 26
EXMOUTH ..... FAC - E - 27
FACING ISLAND ..... FAC - F - 1
FEDERATION ..... FAC - F - 1
FITZROY CROSSING ..... FAC - F - 2
FLINDERS ISLAND ..... FAC - F - 2
FORBES ..... FAC - F - 4
FORREST ..... FAC - F - 5
FORRESTANIA ..... FAC - F - 6
FORTESCUE DAVE FORREST ..... FAC - F - 7
FREGON ..... FAC - F - 8
GARDEN ISLAND HELIPORT ..... FAC - G - 1
GARDEN POINT ..... FAC - G - 2
GATTON AIRPARK ..... FAC - G - 3
GAWLER ..... FAC - G - 3
GAYNDAH ..... FAC - G - 4
GEORGE TOWN (TAS) ..... FAC - G - 5
GEORGETOWN (QLD) ..... FAC - G - 6
GERALDTON ..... FAC - G - 7
GIBB RIVER ..... FAC - G - 8
GILES ..... FAC - G - 9
GILGANDRA ..... FAC - G - 9
GINBATA ..... FAC - G - 10
GINGIN ..... FAC - G - 11
GLADSTONE ..... FAC - G - 13
GLEN INNES ..... FAC - G - 16
GLENAMPLE HELIPORT ..... FAC - G - 17
GLENBROOK HLS ..... FAC - G - 17
GLENORMISTON ..... FAC - G - 18
GNARWARRE ..... FAC - G - 18
GNOWANGERUP ..... FAC - G - 18
GOLD COAST ..... FAC - G - 20

GOLDEN GROVE ..... FAC - G - 25
GOODOOGA ..... FAC - G - 26
GOOLGOWI ..... FAC - G - 27
GOOLWA ..... FAC - G - 27
GOONDIWINDI ..... FAC - G - 28
GOSFORD HOSPITAL ..... FAC - G - 29
GOULBURN ..... FAC - G - 29
GOVE ..... FAC - G - 30
GRAFTON ..... FAC - G - 32
GREAT LAKES AIRFIELD ..... FAC - G - 33
GREGORY DOWNS ..... FAC - G - 34
GRIFFITH ..... FAC - G - 34
GROOTE EYLANDT ..... FAC - G - 37
GRUYERE ..... FAC - G - 39
GUDAI-DARRI MINE ..... FAC - G - 40
GUNBOWER ..... FAC - G - 41
GUNDAROO ..... FAC - G - 42
GUNNEDAH ..... FAC - G - 42
GYMPIE ..... FAC - G - 44
HAASTS BLUFF ..... FAC - H - 1
HALLS CREEK ..... FAC - H - 1
HAMILTON ..... FAC - H - 2
HAMILTON ISLAND ..... FAC - H - 4
HARDEN ..... FAC - H - 6
HAWKER ..... FAC - H - 7
HAY ..... FAC - H - 7
HECK FIELD ..... FAC - H - 8
HERBERTVALE CATTLEYARD ..... FAC - H - 9
HERMANNSBURG ..... FAC - H - 9
HERVEY BAY ..... FAC - H - 9
HILLSTON ..... FAC - H - 11
HOBART ..... FAC - H - 12
HOBART/CAMBRIDGE ..... FAC - H - 17
HOLBROOK ..... FAC - H - 19
HOLSWORTHY ..... FAC - H - 19
HOMESGLEN ..... FAC - H - 21
HONEYMOON ..... FAC - H - 22
HOOKER CREEK ..... FAC - H - 22
HOPETOUN ..... FAC - H - 23
HORN ISLAND ..... FAC - H - 24
HORSHAM ..... FAC - H - 25
HUGHENDEN ..... FAC - H - 27
HUNGERFORD ..... FAC - H - 28
IFFLEY ..... FAC - I - 1
ILFRACOMBE ..... FAC - I - 1
INGHAM ..... FAC - I - 1
INJUNE ..... FAC - I - 2
INKERMAN STATION ..... FAC - I - 2
INNAMINCKA ..... FAC - I - 3
INNAMINCKA TOWNSHIP ..... FAC - I - 3
INNISFAIL/MUNDOO ..... FAC - I - 4
INVERELL ..... FAC - I - 5
IRON BRIDGE MINE ..... FAC - I - 6
ISISFORD ..... FAC - I - 7
IVANHOE ..... FAC - I - 8
JABIRU ..... FAC - J - 1
JACINTH AMBROSIA ..... FAC - J - 2
JAMESTOWN ..... FAC - J - 2
JERILDERIE ..... FAC - J - 3
JERVIS BAY ..... FAC - J - 3
JINDABYNE ..... FAC - J - 5
JULIA CREEK ..... FAC - J - 6
JUNDAH ..... FAC - J - 7
JUNDEE ..... FAC - J - 7
JURIEN BAY ..... FAC - J - 8
KADINA ..... FAC - K - 1
KALBARRI ..... FAC - K - 1
KALGOORLIE-BOULDER ..... FAC - K - 2
KALKGURUNG ..... FAC - K - 5
KALUMBURU ..... FAC - K - 5
KAMBALDA ..... FAC - K - 6
KAMILEROI ..... FAC - K - 7
KARARA ..... FAC - K - 7
KARLAWINDA MINE ..... FAC - K - 8
KARRATHA ..... FAC - K - 9
KARUMBA ..... FAC - K - 11
KATANNING ..... FAC - K - 12
KEITH ..... FAC - K - 13
KEMPSEY ..... FAC - K - 13
KENS BORE ..... FAC - K - 15
KERANG ..... FAC - K - 16
KHOLO HELIPAD ..... FAC - K - 17
KIDMAN SPRINGS ..... FAC - K - 18
KIDSTON ..... FAC - K - 18
KILCOY ..... FAC - K - 19
KILLARNEY ..... FAC - K - 19
KIMBA ..... FAC - K - 20
KIN KIN RETREAT ..... FAC - K - 20
KINDRA FALLS ..... FAC - K - 21
KING ASH BAY ..... FAC - K - 21
KING ISLAND ..... FAC - K - 22
KINGAROY ..... FAC - K - 24
KINGS CREEK STN ..... FAC - K - 25
KINGSCOTE/KANGAROO ISLAND ..... FAC - K - 26
KINGSTON ..... FAC - K - 27
KONDININ ..... FAC - K - 28
KOOLAN ISLAND/KOOLAN CENTRAL FAC - K - 28
KOWANYAMA ..... FAC - K - 30
KUBIN ..... FAC - K - 31
KUNUNURRA ..... FAC - K - 31
KYNETON (VIC) ..... FAC - K - 33
LAKE CARGELLIGO ..... FAC - L - 1
LAKE EVELLA ..... FAC - L - 1
LAKE KEEPIT ..... FAC - L - 2
LAKE MACQUARIE AIRPORT ..... FAC - L - 2
LAKELAND DOWNS ..... FAC - L - 3
LAKES ENTRANCE ..... FAC - L - 3
LAKESIDE AIRPARK ..... FAC - L - 4
LATROBE VALLEY ..... FAC - L - 4
LAUNCESTON ..... FAC - L - 6
LAVERTON ..... FAC - L - 10
LAWLERS ..... FAC - L - 11
LAWN HILL ..... FAC - L - 12
LEARMONTH ..... FAC - L - 13
LEGUNE STN ..... FAC - L - 16
LEIGH CREEK ..... FAC - L - 16
LEINSTER ..... FAC - L - 18
LEONGATHA ..... FAC - L - 19
LEONORA ..... FAC - L - 20
LETHBRIDGE AIRPORT ..... FAC - L - 21
LIGHTNING RIDGE ..... FAC - L - 22
LILYDALE ..... FAC - L - 23
LISMORE ..... FAC - L - 23
LIZARD ISLAND ..... FAC - L - 26
LOCKHART ..... FAC - L - 26
LOCKHART RIVER ..... FAC - L - 27
LOCKSLEY FIELD ..... FAC - L - 28
LONGDOWN ..... FAC - L - 28
LONGFORD HELIPORT ..... FAC - L - 29
LONGREACH ..... FAC - L - 30
LORD HOWE ISLAND ..... FAC - L - 31
LORRAINE ..... FAC - L - 33

LOTUS VALE STN ..... FAC - L - 33
LOUTH ..... FAC - L - 34
LOWER LIGHT ..... FAC - L - 34
LOXTON ..... FAC - L - 35
LYNDOCH ..... FAC - L - 35
MABUIAG ISLAND ..... FAC - M - 1
MACKAY ..... FAC - M - 1
MACLEAN HOSPITAL ..... FAC - M - 5
MAITLAND (NSW) ..... FAC - M - 5
MAITLAND (SA) ..... FAC - M - 7
MALLACOOTA ..... FAC - M - 8
MANGALORE ..... FAC - M - 9
MANGROVE MOUNTAIN GLIDING ..... FAC - M - 11
MANINGRIDA ..... FAC - M - 11
MANJIMUP ..... FAC - M - 12
MANSFIELD ..... FAC - M - 13
MARBLE BAR ..... FAC - M - 13
MAREEBA ..... FAC - M - 14
MARGARET RIVER ..... FAC - M - 15
MARLA ..... FAC - M - 16
MARREE ..... FAC - M - 17
MARYBOROUGH (QLD) ..... FAC - M - 17
MARYBOROUGH (VIC) ..... FAC - M - 18
MCARTHUR RIVER MINE ..... FAC - M - 19
MCCAFFREY FIELD ..... FAC - M - 20
MEEKATHARRA ..... FAC - M - 21
MELBOURNE ..... FAC - M - 23
MELBOURNE/AVALON ..... FAC - M - 32
MELBOURNE/ESSENDON ..... FAC - M - 35
MELBOURNE/MOORABBIN ..... FAC - M - 40
MELTON ..... FAC - M - 46
MELVILLE WATER AERODROME ..... FAC - M - 47
MEREENIE ..... FAC - M - 47
MERIMBULA ..... FAC - M - 48
MERREDIN ..... FAC - M - 49
MERRIWA HOSPITAL ..... FAC - M - 50
MIDDLEMOUNT ..... FAC - M - 50
MILDURA ..... FAC - M - 51
MILES ..... FAC - M - 53
MILINGIMBI ..... FAC - M - 53
MILL IRON ..... FAC - M - 54
MILLICENT ..... FAC - M - 55
MILLMERRAN ..... FAC - M - 55
MINDEROO ..... FAC - M - 56
MINNIPA ..... FAC - M - 57
MITCHELL ..... FAC - M - 57
MITTA MITTA ..... FAC - M - 57
MITTAGONG ..... FAC - M - 58
MOAMA ..... FAC - M - 59
MODEWARRE ..... FAC - M - 59
MONARTO SAFARI PARK ..... FAC - M - 60
MONKIRA ..... FAC - M - 60
MONTO ..... FAC - M - 60
MOOMBA ..... FAC - M - 61
MORANBAH ..... FAC - M - 62
MORAWA ..... FAC - M - 63
MOREE ..... FAC - M - 64
MORNEY ..... FAC - M - 65
MORNINGTON ISLAND ..... FAC - M - 65
MORUYA ..... FAC - M - 67
MOUNT BEAUTY ..... FAC - M - 68
MOUNT BUNDEY ..... FAC - M - 69
MOUNT COOLON ..... FAC - M - 70
MOUNT GAMBIER ..... FAC - M - 71
MOUNT GORDON ..... FAC - M - 72
MOUNT HOLLAND ..... FAC - M - 73
MOUNT HOTHAM ..... FAC - M - 74
MOUNT HOUSE ..... FAC - M - 75
MOUNT HOWITT ..... FAC - M - 76
MOUNT ISA ..... FAC - M - 76
MOUNT KEITH ..... FAC - M - 78
MOUNT MAGNET ..... FAC - M - 80
MOUNT SANFORD STATION ..... FAC - M - 81
MOURA ..... FAC - M - 81
MUDGEE ..... FAC - M - 82
MULLEWA ..... FAC - M - 84
MUNDUBBERA ..... FAC - M - 84
MUNGALALU-TRUSCOTT ..... FAC - M - 85
MUNGERANNIE ..... FAC - M - 86
MUNGINDI ..... FAC - M - 86
MUNGO LODGE ..... FAC - M - 87
MURGON ..... FAC - M - 87
MURRAY BRIDGE ..... FAC - M - 88
MURRAY FIELD ..... FAC - M - 89
MURRAY/MER ISLAND ..... FAC - M - 89
MURRIN MURRIN ..... FAC - M - 90
MURWILLUMBAH ..... FAC - M - 91
MUTTABURRA ..... FAC - M - 92
MYRUP ..... FAC - M - 92
NACKEROO ..... FAC - N - 1
NAGAMBIE-WIRRATE ..... FAC - N - 1
NANANGO ..... FAC - N - 2
NAPPA MERRIE ..... FAC - N - 2
NARACOORTE ..... FAC - N - 3
NAREMBEEN ..... FAC - N - 3
NARRABRI ..... FAC - N - 4
NARRANDERA ..... FAC - N - 5
NARROGIN ..... FAC - N - 6
NARROMINE ..... FAC - N - 7
NELLY BAY ..... FAC - N - 8
NEPEAN AEROSPACE PARK ..... FAC - N - 8
NEWCASTLE REGIONAL HELIPORT ..... FAC - N - 9
NEWCASTLE WESTPAC BASE ..... FAC - N - 9
NEWMAN ..... FAC - N - 10
NGUKURR ..... FAC - N - 12
NHILL ..... FAC - N - 12
NIFTY ..... FAC - N - 13
NOOSA ..... FAC - N - 14
NORFOLK ISLAND ..... FAC - N - 14
NORMANTON ..... FAC - N - 17
NORMANTON HELIPAD ..... FAC - N - 18
NORSEMAN ..... FAC - N - 18
NORTHAM ..... FAC - N - 19
NORTHERN PENINSULA ..... FAC - N - 20
NOVA ..... FAC - N - 21
NOWRA ..... FAC - N - 22
NULLAGINE ..... FAC - N - 28
NULLARBOR MOTEL ..... FAC - N - 29
NUMBULWAR ..... FAC - N - 29
NYNGAN ..... FAC - N - 30
OAKEY ..... FAC - O - 1
OCHRE ARCH ..... FAC - O - 4
OENPELLI ..... FAC - O - 4
OLYMPIC DAM ..... FAC - O - 5
ONSLOW ..... FAC - O - 6
OODNADATTA ..... FAC - O - 7
ORANGE ..... FAC - O - 8
ORANGE EAST HELIPORT ..... FAC - O - 10
ORBOST ..... FAC - O - 10
ORROROO ..... FAC - O - 11
OSBORNE MINE ..... FAC - O - 12
PACIFIC HAVEN ..... FAC - P - 1

PALM ISLAND ..... FAC - P - 1
PAPUNYA ..... FAC - P - 2
PARABURDOO ..... FAC - P - 3
PARKES ..... FAC - P - 5
PEARCE ..... FAC - P - 7
PENFIELD ..... FAC - P - 13
PENNY ..... FAC - P - 14
PERCH PLATFORM ..... FAC - P - 14
PERTH ..... FAC - P - 15
PERTH/JANDAKOT ..... FAC - P - 24
PETERBOROUGH ..... FAC - P - 30
PETERBOROUGH/GREAT OCEAN ROAD ..... FAC - P - 31
PETRO STATION ..... FAC - P - 32
PHILLIP ISLAND HELIPORT ..... FAC - P - 32
PINKENBA ..... FAC - P - 33
PINNARENDI ..... FAC - P - 33
PINNAROO ..... FAC - P - 34
PITTSWORTH ..... FAC - P - 34
PLUTONIC ..... FAC - P - 35
POINT COOK ..... FAC - P - 36
POONCARIE ..... FAC - P - 40
POREPUNKAH ..... FAC - P - 41
PORMPURAAW ..... FAC - P - 41
PORT AUGUSTA ..... FAC - P - 42
PORT CAMPBELL ..... FAC - P - 43
PORT CAMPBELL HELIPORT ..... FAC - P - 43
PORT HEDLAND ..... FAC - P - 44
PORT HEDLAND/WODGINA ..... FAC - P - 47
PORT KEATS ..... FAC - P - 48
PORT LINCOLN ..... FAC - P - 49
PORT MACQUARIE ..... FAC - P - 50
PORT PIRIE ..... FAC - P - 53
PORTLAND ..... FAC - P - 54
PROMINENT HILL ..... FAC - P - 55
PROSERPINE/WHITSUNDAY COAST ..... FAC - P - 56
PUCKAPUNYAL ..... FAC - P - 58
PUNGALINA ..... FAC - P - 59
QUEENSTOWN ..... FAC - Q - 1
QUILPIE ..... FAC - Q - 1
QUIRINDI ..... FAC - Q - 2
QUORN ..... FAC - Q - 3
RAMINGINING ..... FAC - R - 1
RAVENSTHORPE ..... FAC - R - 1
RAYNER PLACE HELIPORT ..... FAC - R - 3
RAYWOOD ..... FAC - R - 3
REDCLIFFE ..... FAC - R - 4
RENMARK ..... FAC - R - 5
RICHMOND (NSW) ..... FAC - R - 6
RICHMOND (QLD) ..... FAC - R - 11
RIDDELL ..... FAC - R - 12
ROBE ..... FAC - R - 12
ROBERTSON BARRACKS ..... FAC - R - 13
ROBINHOOD ..... FAC - R - 14
ROBINVALE ..... FAC - R - 14
ROCHEDALE ..... FAC - R - 15
ROCKHAMPTON ..... FAC - R - 16
ROLLESTON ..... FAC - R - 20
ROMA ..... FAC - R - 21
ROMSEY ..... FAC - R - 22
ROSE BAY ..... FAC - R - 22
ROSE VALE ..... FAC - R - 23
ROSEBERTH ..... FAC - R - 23
ROSTELLA ..... FAC - R - 24
ROTTNEST ISLAND ..... FAC - R - 24
ROYAL NORTH SHORE HOSPITAL ..... FAC - R - 26
ROYAL PRINCE ALFRED HOSPITAL ..... FAC - R - 26
RUTLAND PLAINS ..... FAC - R - 27
RYLSTONE AIRPARK ..... FAC - R - 27
SAIBAI ISLAND ..... FAC - S - 1
SAINT GEORGE ..... FAC - S - 1
SAINT HELENS ..... FAC - S - 2
SAMARAI ..... FAC - S - 3
SCAWFELL ISLAND ..... FAC - S - 4
SCENIC RIM ..... FAC - S - 4
SCHERGER (RAAF) ..... FAC - S - 5
SCONE ..... FAC - S - 6
SCOTIA SANCTUARY ..... FAC - S - 8
SEA LAKE ..... FAC - S - 8
SEABUOY ..... FAC - S - 9
SERPENTINE ..... FAC - S - 9
SHARK BAY ..... FAC - S - 10
SHELLHARBOUR AIRPORT ..... FAC - S - 11
SHEPPARTON ..... FAC - S - 14
SHUTE HARBOUR/WHITSUNDAY ..... FAC - S - 15
SINGLETON ..... FAC - S - 16
SMITHTON ..... FAC - S - 16
SNAKE BAY ..... FAC - S - 17
SOLOMON ..... FAC - S - 18
SOMERSBY ..... FAC - S - 19
SOUTH GALWAY ..... FAC - S - 20
SOUTH GOULBURN ISLAND ..... FAC - S - 20
SOUTH GRAFTON ..... FAC - S - 21
SOUTHERN CROSS ..... FAC - S - 22
SOUTHPORT ..... FAC - S - 23
SPRING CREEK ..... FAC - S - 24
SPRINGSURE ..... FAC - S - 24
ST ARNAUD ..... FAC - S - 25
STANTHORPE ..... FAC - S - 25
STAWELL ..... FAC - S - 26
STIRLING NORTH/FLINDERS FIELD ..... FAC - S - 27
STIRLING STATION ..... FAC - S - 28
STONEFIELD GLIDING ..... FAC - S - 28
STONEHENGE ..... FAC - S - 29
STRAHAN ..... FAC - S - 30
STREAKY BAY ..... FAC - S - 30
SUNNYSIDE ..... FAC - S - 31
SUNRAYSIA GLIDING ..... FAC - S - 31
SUNRISE DAM ..... FAC - S - 32
SUNSHINE COAST ..... FAC - S - 33
SURAT ..... FAC - S - 37
SWAN BAY ..... FAC - S - 38
SWAN HILL ..... FAC - S - 38
SYDNEY/BANKSTOWN ..... FAC - S - 39
SYDNEY/KINGSFORD SMITH ..... FAC - S - 47
SYDNEY/NANCY-BIRD WALTON ..... FAC - S - 66
TAMBO ..... FAC - T - 1
TAMWORTH ..... FAC - T - 1
TANAMI ..... FAC - T - 6
TARA ..... FAC - T - 6
TAREE ..... FAC - T - 7
TAROOM ..... FAC - T - 8
TELFER ..... FAC - T - 8
TEMORA ..... FAC - T - 10
TENNANT CREEK ..... FAC - T - 11
TENTERFIELD ..... FAC - T - 12
TESSA SHOALS ..... FAC - T - 13
THANGOOL ..... FAC - T - 13
THARGOMINDAH ..... FAC - T - 14
THE GRANITES ..... FAC - T - 15
THE LAKES ..... FAC - T - 16
THE MONUMENT ..... FAC - T - 17

THE OAKS ..... FAC - T - 17
THE VALE ..... FAC - T - 18
THEODORE ..... FAC - T - 19
THUNDERBOX ..... FAC - T - 19
THYLUNGRA ..... FAC - T - 20
TIBOOBURRA ..... FAC - T - 20
TILPA ..... FAC - T - 21
TIMBER CREEK ..... FAC - T - 22
TINDAL ..... FAC - T - 22
TOCUMWAL ..... FAC - T - 29
TOORADIN ..... FAC - T - 30
TOORAWEENAH ..... FAC - T - 30
TOOWOOMBA ..... FAC - T - 31
TORQUAY ..... FAC - T - 35
TOTTENHAM ..... FAC - T - 35
TOWNSVILLE/TOWNSVILLE INTL ..... FAC - T - 36
TOWRANG GLIDING ..... FAC - T - 44
TREPELL ..... FAC - T - 45
TROPICANA ..... FAC - T - 46
TROUGHTON ISLAND ..... FAC - T - 47
TRURO FLAT AIRPARK ..... FAC - T - 48
TULLY ..... FAC - T - 48
TULLY HOSPITAL ..... FAC - T - 49
TUMBY BAY ..... FAC - T - 49
TUMUT ..... FAC - T - 49
TUNBRIDGE ..... FAC - T - 50
TURTLE PARK ..... FAC - T - 51
TYABB ..... FAC - T - 52
TYAGARAH ..... FAC - T - 53
UNDARA ..... FAC - U - 1
URANDANGI ..... FAC - U - 1
VAN ROOK STATION ..... FAC - V - 1
VICTOR ISLAND EAST ..... FAC - V - 1
VICTOR ISLAND WEST ..... FAC - V - 2
VICTORIA RIVER DOWNS ..... FAC - V - 2
WAGGA WAGGA ..... FAC - W - 1
WAGIN ..... FAC - W - 4
WAHRING FIELD ..... FAC - W - 4
WAIKERIE ..... FAC - W - 5
WALCHA ..... FAC - W - 6
WALGETT ..... FAC - W - 6
WANAARING ..... FAC - W - 7
WANDU ..... FAC - W - 8
WANGARATTA ..... FAC - W - 8
WARBURTON ..... FAC - W - 9
WARIALDA ..... FAC - W - 10
WARKWORTH ..... FAC - W - 10
WARNERVALE ..... FAC - W - 11
WARRABER ISLAND ..... FAC - W - 11
WARRABRI ..... FAC - W - 12
WARRACKNABEAL ..... FAC - W - 12
WARREN ..... FAC - W - 13
WARRNAMBOOL ..... FAC - W - 14
WARWICK ..... FAC - W - 15
WATERLOO (NT) ..... FAC - W - 16
WATTS BRIDGE ..... FAC - W - 16
WAVE HILL ..... FAC - W - 17
WEDDERBURN ..... FAC - W - 17
WEIPA ..... FAC - W - 18
WELLINGTON ..... FAC - W - 19
WENTWORTH ..... FAC - W - 20
WEST ANGELAS ..... FAC - W - 21
WEST MAITLAND ..... FAC - W - 22
WEST MUSGRAVE ..... FAC - W - 23
WEST SALE ..... FAC - W - 24
WEST WYALONG ..... FAC - W - 26
WESTBURY/CROFTON FARM ..... FAC - W - 27
WESTMEAD CASB ..... FAC - W - 28
WHITE CLIFFS ..... FAC - W - 28
WHITE GUM ..... FAC - W - 29
WHYALLA ..... FAC - W - 30
WILCANNIA ..... FAC - W - 31
WILKINS RUNWAY ..... FAC - W - 31
WILLIAM CREEK ..... FAC - W - 32
WILLIAMSON ..... FAC - W - 33
WILLIAMTOWN ..... FAC - W - 34
WILUNA ..... FAC - W - 42
WINDARLING ..... FAC - W - 43
WINDORAH ..... FAC - W - 43
WINTON ..... FAC - W - 44
WOLGAN VALLEY HELIPORT ..... FAC - W - 45
WOLLONGONG HELIPORT ..... FAC - W - 45
WONDAI ..... FAC - W - 46
WONDOOLA ..... FAC - W - 46
WOODIE WOODIE ..... FAC - W - 46
WOOMERA ..... FAC - W - 48
WROTHAM PARK ..... FAC - W - 50
WUDINNA ..... FAC - W - 50
WUJAL WUJAL ..... FAC - W - 51
WYANDRA ..... FAC - W - 51
WYCHEPROOF ..... FAC - W - 52
WYNDHAM ..... FAC - W - 52
WYNYARD ..... FAC - W - 53
WYREEMA ..... FAC - W - 55
YAM ISLAND ..... FAC - Y - 1
YAMARNA ..... FAC - Y - 1
YARRAM ..... FAC - Y - 2
YARRAWONGA ..... FAC - Y - 3
YORKE ISLAND ..... FAC - Y - 4
YOUNG ..... FAC - Y - 5
YUENDUMU ..... FAC - Y - 6

AVFAX MADE SIMPLE

AVFAX has further MET products necessary for use in some operations.

1. Note which FIR and Briefing/QNH Areas involve your flight.
2. Use a tone-dialling telephone to access AVFAX on 1800 805 150 - See ERSA INTRO - 1. Select from the menu the AVFAX option.
3. When AVFAX answers, enter your Account Number * _____
4. When prompted, enter your Password followed by the hash (#) key _____
5. Enter the relevant 5-digit product code from items 01 to 4 below.
6. Follow the prompts until you hear the “Thank You” message.

**To obtain an Account Number, pilots need to register with NAIPS Internet Service (NIS) or contact the Help Desk on 1800 801 960^.*

Item 1	**Head Office NOTAM**		**51390**
Item 2	**FIR NOTAM**	**Brisbane FIR** **Melbourne FIR**	**51340** **51330**
Item 3	**SIGMET**	**Brisbane FIR** **Melbourne FIR**	**11104** **11103**
Item 4	**Area/TAF MET and NOTAM**		

Prefix group code with -
1 - MET only
2 - NOTAM only
6 - MET and NOTAM

Briefing/QNH Area 20	MET 2000, Group Code 9200, Coastal 9201, Inland 9202, Metropolitan 9209.
Briefing/QNH Area 21	MET 2100, Group Code 9210, Coastal 9211, Inland 9212, Western 9213.
Briefing/QNH Area 22	MET 2200, Group Code 9220, Northern 9221, Southern 9222.
Briefing/QNH Area 30	MET 3000, Group Code 9300, Southern 9301, Northern 9302, Metropolitan 9309.
Briefing/QNH Area 40	MET 4000, Group Code 9400, North Coast 9401, South Coast 9402, North West 9403, South West 9404, Metropolitan 9409.
Briefing/QNH Area 41	MET 4100, Group Code 9410, Eastern 9411, Western 9412.
Briefing/QNH Area 43	MET 4300, Group Code 9430, Northern 9431, Southern 9432.
Briefing/QNH Area 44	MET 4400, Group Code 9440, Coastal 9441, Inland 9442.
Briefing/QNH Area 45	MET 4500, Group Code 9450, Eastern 9451, Western 9452.
Briefing/QNH Area 50	MET 5000, Group Code 9500, Eastern 9501, Western 9502, Metropolitan 9509.
Briefing/QNH Area 51	MET 5100, Group Code 9510.
Briefing/QNH Area 52	MET 5200, Group Code 9520.
Briefing/QNH Area 53	MET 5300, Group Code 9530.
Briefing/QNH Area 60	MET 6000, Group Code 9600, Coastal 9601, Inland 9602, Metropolitan 9609.
Briefing/QNH Area 61	MET 6100, Group Code 9610.
Briefing/QNH Area 62	MET 6200, Group Code 9620.
Briefing/QNH Area 63	MET 6300, Group Code 9630.
Briefing/QNH Area 64	MET 6400, Group Code 9640.
Briefing/QNH Area 65	MET 6500, Group Code 9650.
Briefing/QNH Area 66	MET 6600, Group Code 9660.
Briefing/QNH Area 68	MET 6800, Group Code 9680.
Briefing/QNH Area 69	MET 6900, Group Code 9690.
Briefing/QNH Area 70	MET 7000, Group Code 9700.

Briefing/QNH Area 80	MET 8000, Group Code 9800, Northern 9801, Southern 9802.
Briefing/QNH Area 83	MET 8300, Group Code 9830.
Briefing/QNH Area 84	MET 8400, Group Code 9840.
Briefing/QNH Area 85	MET 8500, Group Code 9850, Northern 9851, Southern 9852.
Briefing/QNH Area 86	MET 8600, Group Code 9860.

For a complete preflight briefing

A preflight briefing is only **complete** when you have the latest **MET information and all current NOTAM**. NOTAM must include Head Office, FIR, airspace, departure, en route, destination and alternate locations.

Notes on using AVFAX

Briefing/QNH Areas are identified on Planning Chart Australia. FIR are identified on En route Charts.

The Group codes shown on these pages give location, FIR, airspace NOTAM with the area and location MET and SIGMET within the area. Location NOTAM older than 7 days will appear as 1 line summaries.

Groups of AVFAX product codes can be combined into single custom codes. If you fly the same route regularly, a single custom code can replace multiple standard codes. NAIPS Internet Service users can create and manage a custom code online using their NAIPS account. Alternatively, contact the AVFAX Help Desk 03 9235 7551^
Fax: 02 6268 5044, for assistance.

A faster method of keying product codes into AVFAX is to use the Fast Access Mode.

Cancelling an AVFAX request:

Your request will be cancelled if you hang up at any time before hearing the final "Thank You" response.

To update an AVFAX briefing

To receive an AVFAX update, use the NAIPS Internet Service or telephone a **Briefing Officer** on ***1800 805 150^***. In each case you will need the Briefing Reference Number printed at the beginning of each AVFAX briefing. Updates from a Briefing Officer can be given over the phone or sent by Fax.

When Fax and phone are not available, call Flightwatch by HF radio, ask for an AVFAX update and quote the Briefing Reference Number.

AVFAX update is not readily available from ATC on VHF.

INTRODUCTION
Preflight and Post Flight Pilot Services
Ready Reference Guide

Preflight - Civil	
NAIPS Internet Service	www.airservicesaustralia.com/flight-briefing/
Flight Notification: submission, change and cancellation	1800 805 150^ 03 9235 7518^
AVFAX	1800 805 150
METBRIEF	1800 805 150
Fax Flight Notification	1800 805 150 02 6268 5033

Preflight - Military	
Briefing Officer	PH 1800 249 030^ or fax 1800 816 089
NOTAM/LJR	PH 03 9235 7519^ or fax 02 6268 5044
MET - Defence Meteorological Office (Defence MO)	PH 02 6210 3042 or 1800 203 860

Cancellation of SARTIME	
Flightwatch (CENSAR) Australia Wide	1800 814 931^
Full Reporting Arrivals	
Brisbane FIR (YBBB)	07 3866 3868^ or 450302^#
Melbourne FIR (YMMM)	03 9235 2039^ or 450303^#
Safety Related Matters	
Brisbane ATC Centre	07 3866 3868^ or 450302^#
Melbourne ATC Centre	03 9338 4032^ or 450303^#
Perth ATC Centre	08 9476 8545^ or 450304^#
Sydney ATC Centre	02 9556 6875^ or 450305^#
Joint Rescue Coordination Centre (JRCC) Australia	
SAR Hotline (within Australia)	1800 815 257
SAR Hotline (outside Australia)	+61 2 6230 6899
Australian Transport Safety Bureau	
Aviation Accident Notification	1800 011 034
Confidential Aviation Reporting	1800 020 505
Airservices National Helpdesk H24	1800 801 960

Note: Telephone numbers marked with the symbol ^ are recorded facilities and # are SATPHONE abbreviated dialling codes.

1. EN ROUTE SUPPLEMENT AUSTRALIA

1.1 The En Route Supplement Australia (ERSA) is issued on a 13 week cycle with amendments issued for MIL users every four weeks in the ADF Aeronautical Information Package Amendment Bulletin (AIPAB).

2. AERODROME AND FACILITY DIRECTORY

2.1 This directory within the ERSA, lists alphabetically, details of AD, Navigation Aids, Air Traffic Services, Ground Services, Public Facilities available and Special Procedures. AD having more than one name are usually identified by the City/AD method.

2.2 The information published within the ERSA is subject to standards and legislative requirements to ensure the quality and integrity of the data and information. More information about Data Product Specifications can be obtained from the Airservices Website: http://www.airservicesaustralia.com/services/aeronautical-information-and-management-services/

3. AIR TRAFFIC SERVICES FREQUENCIES

3.1 Air Traffic Control operates these frequencies in various groups and re-transmission applies within each group.

4. AERODROME INFORMATION

4.1 AERODROMES WITH FULL INFORMATION PUBLISHED

4.2 Aerodromes for which full information is published includes:

a. Certified aerodromes, and
b. Military aerodromes.

These aerodrome entries are covered by full NOTAM services.

4.3 UNCERTIFIED AERODROMES WITH LIMITED INFORMATION PUBLISHED

a. Uncertified aerodromes may be included in ERSA with limited information.
b. Uncertified aerodromes are depicted in ERSA with a grey background as shown in the INTRO section.
c. Operators conducting air transport operations to uncertified aerodromes need to be aware of their obligations under applicable CASA regulatory requirements.

Prior to commencing a flight to an uncertified aerodrome, a pilot or operator must contact the aerodrome operator to ensure currency of aerodrome information.

4.4 A NOTAM SERVICE

4.5 A full NOTAM service is provided for certified aerodromes and specialised helicopter operations with published terminal instrument flight procedures under *CASR Part 173*.

4.6 For uncertified aerodromes with published information in ERSA, a limited NOTAM service is provided for:

a. Changes to NAVAIDS, CTAF or ATS frequencies when requested by the service provider or CASA,
b. Changes to circuit direction and other flight procedures when requested by CASA, or
c. Changes to aerodrome operator phone numbers, UNICOM and Pilot Activated Lighting (PAL) frequencies when requested by the aerodrome operator.

4.7 Issuance of FIR or aerodrome specific NOTAM criteria:

a. FIR NOTAM will be used if an event or hazard is beyond 5NM of a published aerodrome.
b. Aerodrome specific NOTAM will be used if the event or hazard is occuring within 5NM of the aerodrome. In certain circumstances, events or hazards occurring beyond 5NM from the aerodrome may also be more effective as an aerodrome specific NOTAM, instead of an FIR NOTAM.

5. NOTICES

5.1 Heights (feet) and short distances (metres) are indicated in NOTICES as follows, e.g. CAUTION: Fence 10 FT ABV 22M W of RWS end, RWY 26.

6. CIVIL USERS - CHANGE OF ADDRESS AND PROCUREMENT

6.1 To advise change of address and to arrange for procurement, visit the CanPrint Communications online AIP shop.

a. Internet: www.aipshop.canprint.com.au
b. Personal Purchase: the location of reseller outlets in each state and territory can be obtained from the website identified above.

Enquiries Only
Phone: 1300 306 630
+61 2 6293 8381 (international customers only)
Email: info@aipshop.canprint.com.au

Calls made from mobile phones attract the normal mobile call charge.

7. CIVIL USERS - LICENSING/MEDICAL/EXAMINATION ENQUIRIES

7.1 Queries concerning aircrew licensing, medicals or flight crew examinations should be directed to CASA, Phone 131757.

8. CIVIL USERS - ADVICE OF ERRORS

8.1 Due to the volume of correspondence received from civil users it would be impractical to attempt to deal with the majority of these corrections by telephone. Internet and email addresses have been included below. Users are urged to forward suggestions or notify AIS of errors.

8.2 HEAD OFFICE CONTACT DETAILS (in order of preference)

a. docs.amend@airservicesaustralia.com or

b. Mail:

Aeronautical Information Service
GPO BOX 367
CANBERRA ACT 2601
or
Business Reply Post
PERMIT No. 1986 - CIVIC SQUARE
AIRSERVICES AUSTRALIA
ATTN: AIS
GPO Box 367,
Canberra, ACT
2601

8.3 The Australian aviation community has an ongoing need to obtain and maintain accurate information about tall structures so that risks associated with inadvertent collision by low flying aircraft can be reduced. The appropriate reporting form is available at: www.airservicesaustralia.com/wp-content/uploads/ATS-FORM-0085_Vertical_Obstruction_Data_Form.pdf.

9. CIVIL AVIATION SAFETY AUTHORITY ADDRESS

Civil Aviation Safety Authority
GPO Box 2005,
CANBERRA, ACT, 2601.
Phone 131757
Web: http://casa.gov.au/

10. ADF USERS - ADVICE OF ERRORS

10.1 Advice of Errors

10.1.1 ADF users are to notify AIS-AF of errors or omissions as soon as they become apparent, together with as much detail as possible to allow investigation and validation of the information. The method of notification is dependent on the nature and importance of the incorrect information.

10.1.2 Where the error or omission is urgent or critical to flight safety, the most expeditious means of notification is to be used.

10.1.3 AIS-AF contact details are provided in all ADF FLIP publications.

10.2 Routine Changes and/or Recommendations

10.2.1 Facility and aircraft operating authorities have obligations, under various orders and instructions, to review and notify FLIP revisions through appropriate authorities.

AERODROMES AND FACILITIES AND LEGENDS

Note 1: All elevations in this document are given in AMSL unless annotated otherwise.
Note 2: Telephone numbers marked with the symbol ^ are recorded facilities.

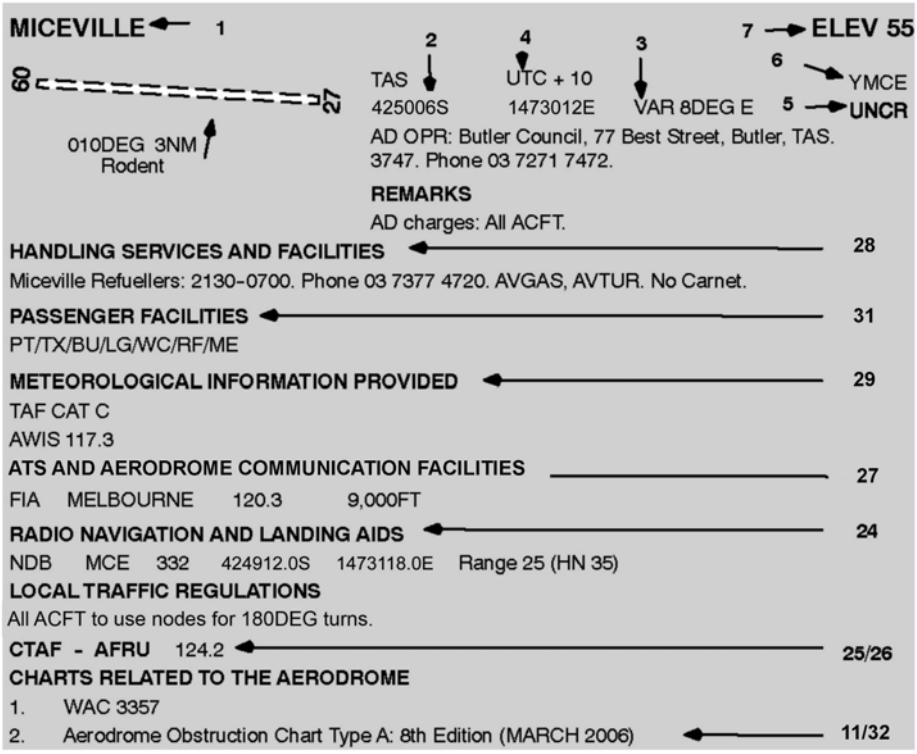
Abbreviations used in the ERSA

RPT (Regular Public Transport) - means a scheduled air transport operation.
CHTR (Charter) - means a non-scheduled air transport operation.
AWK (Aerial Work) - means specialised aerial operations.
CAUTION

Operations at uncertified aerodromes

The information about the movement areas and lighting details of aerodromes that are uncertified is subject to change without prior notice and is NOT subject to NOTAM action.
Pilots and operators must contact the aerodrome operator directly to ensure currency and accuracy of aerodrome information.
The following depiction is an example of the background colouring used to annotate an uncertified aerodrome.

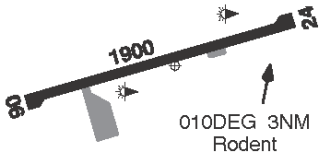
EXAMPLE - UNCERTIFIED AERODROME



CAUTION: The diagrams for military aerodromes are reproduced in this publication under permission from the Commonwealth Department of Defence. These diagrams do not show obstruction details and neither the Commonwealth nor the CASA or Airservices Australia takes responsibility for any use which may be made of the diagrams for any purpose.

EXAMPLE - CERTIFIED AERODROME

MICEVILLE ← 1
AVFAX 7747



010DEG 3NM
Rodent

2 TAS ↓ S42 50.1
4 UTC + 10 ↓ E147 30.2
3 ↓ VAR 8DEG E
7 → **ELEV 55**
6 → YMCE
5 → CERT

AD OPR: Butler Council, 77 Best Street, Butler, TAS. 3747. Phone 03 7271 7472.

REMARKS

AD charges: All ACFT.

HANDLING SERVICES AND FACILITIES ← **28**

Miceville Refuellers: 2130-0700. Phone 03 7377 4720. AVGAS, AVTUR. No Carnet.

PASSENGER FACILITIES ← **31**

PT/TX/BU/LG/WC/RF/ME

RESCUE AND FIREFIGHTING SERVICES ← **30**

CAT 6

METEOROLOGICAL INFORMATION PROVIDED ← **29**

TAF CAT A

AWIS 117.3

PHYSICAL CHARACTERISTICS

12 13 14 15 16 18 19 20 21

06/24 062 62a PCN 15 / F / A / 5700 690 (100PSI) / T WID 30 RWS 90

AERODROME AND APPROACH LIGHTING ← **23**

RWY 06/24	LIRL	PAL 121.3	SDBY PWR AVBL
RWY06	AT-VASIS	3.0 DEG 46FT	SDBY PWR AVBL
RWY24	AT-VASIS	3.0 DEG 48FT	SDBY PWR AVBL

ATS AND AERODROME COMMUNICATION FACILITIES ← **27**

FIS	MELBOURNE	120.3	9000FT

RADIO NAVIGATION AND LANDING AIDS ← **24**

NDB	MCE	332	S42 49.2	E147 31.3	Range 25 (HN 35)
DME	RJM	117.2	S42 49.3	E147 31.8	

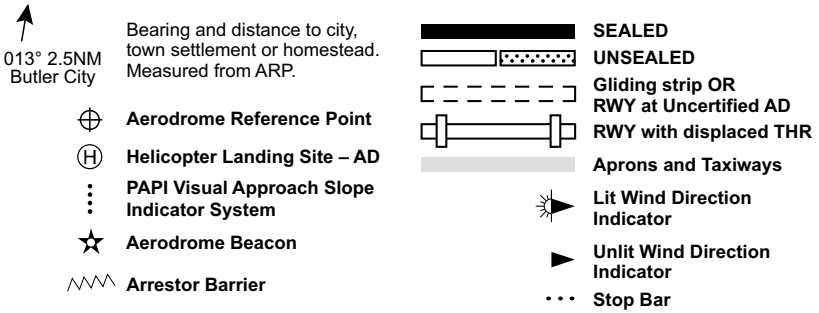
LOCAL TRAFFIC REGULATIONS

Right Hand circuits RWY 06.

CTAF - AFRU 124.2 ← **25/26**

CHARTS RELATED TO THE AERODROME

1. WAC 3357
2. Aerodrome Obstruction Chart Type A: 8th Edition (MARCH 2006) ← **11/32**



RWY LENGTH SHOWN IN METRES

EXPLANATION

1. NAMES

1.1 Names are listed alphabetically.

2. GEOGRAPHIC LOCATIONS

2.1 ARP Location is shown in degrees, minutes and seconds.

3. MAGNETIC VARIATION

3.1 Variation is shown in degrees magnetic, rounded to the nearest whole number.

4. TIME CONVERSION

4.1 As a combination of Local and UTC time is used throughout the ERSA, all published times have the designation Local or UTC.

4.2 Local time in Australia falls into three separate zones; Eastern Standard Time, which is UTC plus 10 hours (UTC + 10), Central Standard Time, which is UTC plus 9.5 hours (UTC + 9.30), and Western Standard Time, which is UTC plus 8 hours (UTC + 8).

4.3 These times apply as follows:

a. EST is used in the states of New South Wales, (except the Broken Hill area), Queensland, Victoria, Tasmania and the Australian Capital Territory.

b. CST is used in the state of South Australia, the Northern Territory and the Broken Hill area.

c. WST is used in the State of Western Australia.

4.4 The time conversion shown at figure 4 represents the number of hours to be added to UTC to obtain the standard time applicable at that location. Allowance should therefore be made for any daylight saving that may be in force. (Note that 9.30 indicates nine and a half hours).

4.5 NOTAM will be issued detailing revised hours of operation for those aeronautical facilities affected by local time changes during periods of daylight saving and which do not have such hours promulgated in AIP.

5. AERODROME USAGE CLASSIFICATION AND GENERAL CODES

CERT	Certified Aerodrome
MIL	Military - PPR for civil OPS class
UNCR	Uncertified
JOINT	Certified Civil Aerodrome and Military Aerodrome
GENERAL CODES	Based on “General and Meteorological Abbreviations” found in AIP GEN.

6. LOCATION IDENTIFIER

6.1 Shown by the 3, 4 or 5 letter aeronautical code.

Note: 3 letter codes are not necessarily those used by IATA.

7. ELEVATION

7.1 AD ELEV is shown in FT. When the ELEV is sea level, it will be indicated as 00. When the ELEV is BLW sea level, a minus sign will precede the figure. This figure is the ELEV of the highest point of the landing area AMSL.

8. OPERATING HOURS

8.1 HR shown are in UTC unless otherwise stated.

8.2 Hours of operation are shown where possible using the following codes:

AH	After Hours
DLY	Daily
EXC PH	Except Public Holidays
FRI	Friday
H+...	.... MIN past the hour
H24	Continuous day and night service
HDS	Hours of Daylight Saving
HJ	Sunrise to Sunset
HN	Sunset to Sunrise
HO	Service available to meet operational requirements
HR	Hours
HS	Service available during HR of scheduled operations
JF	Saturday, Sunday and public holidays
JO	Monday to Friday (except public holidays)
MON	Monday
O/R	On Request
OT	Other Times
PH	Public Holidays
PN	Prior Notice required
PPR	Prior Permission Required
SAT	Saturday
SUN	Sunday
THU	Thursday
TUE	Tuesday
WED	Wednesday

9. SECURITY

9.1 An ASIC is a prerequisite for authorisation to have unescorted access to secure areas at security controlled airports, unless otherwise exempted under the Aviation Transport Security Regulations 2005. Airports that do not host scheduled air transport operations are exempt from ASIC requirements. The Department of Home Affairs (Home Affairs) maintains a list of security controlled airports which is available at www.homeaffairs.gov.au/about-us/our-portfolios/transport-security/air-cargo-and-aviation/aviation/airport-operators. Further information regarding ASICs can be found on the Home Affairs website: https://www.homeaffairs.gov.au/about-us/our-portfolios/transport-security/identity.

ASIC	Aviation Security Identification Card
FBO	Fixed Base Operator

10. AD OPERATOR

ARO	Aerodrome Reporting Officer

11. AERODROME OBSTACLE CHART TYPE A CHARTS

11.1 Aerodrome operators are responsible for Type A Chart information, (and the currency of this information), listed under aerodromes in FAC section. The Charts will be shown with an "Edition Number" and "Date"; e.g. RWY 12/30, Edition 6 - July 2002. The date shown is the date of the last survey.

12. RUNWAY DESIGNATION

12.1 RWY are normally numbered in relation to their magnetic direction rounded off to the nearest 10 degrees. Single runways are shown with the lower number on the left side. Parallel runways designated left, centre or right are shown with the centre runway listed first, then left, then right. Multiple runways are shown in ascending order from top to bottom.

13. RUNWAY BEARING

13.1 RWY bearing is in degrees magnetic.

14. RUNWAY DIMENSIONS

14.1 The RWY length is the physical length of the RWY (generally the higher of the two RWY direction TORA). RWY lengths are shown as multiples of 100 FT (e.g. lengths of 6,950 FT to 7,049 FT are shown as 70, lengths of 7,050 FT to 7,149 FT are shown as 71).

14.2 **SURFACE.** Runway surface is shown as follows:

a or A	asphalt or bitumen;
b or B	concrete;
c or C	other surfaces (always to be qualified by a note).

15. PAVEMENT STRENGTHS

15.1 The ICAO standard method of reporting pavement strength known as Aircraft Classification Rating/Pavement Classification Rating (ACR/PCR) has been incorporated.

Notes:

1. Pavement strength data for Defence aerodromes is published by the Directorate of Estate Engineering Policy (DEEP) in the Aircraft Pavement Strength Evaluation Manual (APSEM).

2. Omission of pavement strength indicates that the RWY is unrated.

16. PAVEMENT TYPE FOR ACR-PCR DETERMINATION

Pavement type	**Code**
Rigid pavement	R
Flexible pavement	F

Note: The pavement type is determined by the predominant surface type which may contradict the expected pavement type of the upper-most layer.

17. PAVEMENT CONCESSIONS FOR ADF AERODROMES

17.1 Users requesting a pavement concession for Defence aerodromes should contact the Aerodrome Manager for aerodrome specific ACR/PCR related enquiries. Contact the Directorate of Estate Engineering Policy (DEEP) for general enquiries regarding aircraft pavements and Defence aerodrome policy by emailing deep.advice@defence.gov.au

18. SUBGRADE STRENGTH CATEGORY

Subgrade strength category	**Code**
High strength	A
Medium strength	B
Low strength	C
Ultra low strength	D

19. MAXIMUM ALLOWABLE TYRE PRESSURE

19.1 Weight and tyre pressure limits are shown in kg and MPa in the format 5700 kg/0.45 MPa and are gross limits, i.e. an ACFT may use that part of the movement area if the weight and tyre pressure are BLW the figures shown at the time of the operation. If the limitation is based on MTOW, this will be shown in the format MTOW 5700 kg, precluding an ACFT with MTOW in excess of the figure quoted FM OPR on the area specified.

19.2 Weight or tyre restrictions on taxiways and aprons are shown in the Aprons and Taxiways Section.

19.3 The actual numeric tyre pressure limit is published as a code of the limit. Where the pressure limit does not correspond with a code, the MPa value is published. Tyre pressure limit codes are shown as follows:

Code	Maximum Tyre Pressure
W	Unlimited
X	1.75 MPa
Y	1.25 MPa
Z	0.50 MPa

20. EVALUATION METHOD

Evaluation method	Code
Technical evaluation: representing a specific study of the pavement characteristics and application of pavement behaviour technology	T
Using aircraft experience: representing a knowledge of the specific type and mass of aircraft satisfactorily being supported under regular use	U

21. RUNWAY SLOPE, RUNWAY STRIP WIDTH (RWS)

21.1 **SLOPE** on RWY quoted is the difference BTN the MAX and the MNM ELEV along the RCL divided by its length and expressed as a percentage to the nearest one-tenth of a percent. The “down” slope and its direction are tabulated in all cases, e.g., “0.8% down to SE”. Where significant slope variations occur, additional data may be shown in notices, e.g. “E end level, centre section 0.5% down to W, W end 0.1% down to E”.

21.2 **RWS**: is the width FM side to side which contains the RWY, the graded and ungraded portions of the RWS, shown in metres only. The GRADED portion of the RWS is defined by boundary markers and is graded to alleviate damage to an ACFT in the event that it runs off the RWY. The UNGRADED portion of the RWS is free of upstanding objects but may contain depressions, trenches, etc.

22. ARRESTING SYSTEMS

22.1 Systems, other than those detailed BLW, will be shown as A-Gear and amplified by a note.

a. **Tensioned Hookcable Arresting Systems:**

(i) **BAK 12 HOOKCABLE AAS.**The BAK 12 AAS is a bi-directional Hookcable AAS. Energy is absorbed by a rotary friction braking system which is connected to the runway hookcable by a nylon tape. MAX tape runout is 365(1,200 FT). MAX energy absorption is 98.5 million FT LB. MNM rewind time is 3 minutes (nominal). Cycle rate for fighter type ACFT arrests is 12 ACFT per hour (nominal).

(ii) **BAK 14.**The BAK 14 is a spring/pneumatic system used for raising and lowering an AAS hookcable from and into the runway. BAK 14 systems are installed, in conjunction with BAK 12 hookcables, at YSRI, YWLM, YAMB, YBTL, YPDN, YPED and YPTN and YPEA. Normally selected up at departure end for arrestable ACFT OPS. ACFT captains are to request “Cable Down” or alternatively request “Approach End Cable Up” if required.

CAUTION: In the event of power and/or pneumatic failure, APCH/DEP end cable will rise to a height of 100MM (4IN) and remain until failure rectified.

b. **Aircraft Arresting Barriers**

(i) **M34B/243 MEN.**Consists of two velocity-sensitive turbine-type rotary hydraulic (fluid turbulence producing) energy absorbers, one installed on each side of the runway, and a multi-element nylon (MEN) net suspended between retractable stanchions. It is a constant run-out, velocity-sensitive system that adjusts automatically to accommodate aircraft of different weights, engaging speeds and off-centre criteria. It has sufficient kinetic energy capacity to arrest jet type aircraft in the 10,000 to 20,000 Kg (22,048 to 44,094 pounds) weight range at speeds up to 180 knots. It is capable of safely stopping an aircraft, operating in the system's performance envelope, within a run-out distance of approximately 200 metres (656 feet), depending on system configuration.

Engagements should be made as close to centre line as possible and not more than 10.6 metres (35 feet) from the centre line. Maximum engagement speeds (MES) are as follows:

Aircraft Weight	MES
10,000 KG	160 KT
15,000KG	160 KT
20,000 KG	135 KT

WARNING:

The Hawk 127 is not cleared for arrestor barrier engagement with 130 gallon external fuel tanks and/or AAR probe fitted.

Notes:

To ensure that the M34B brake cable payout does not occur until the net has deployed over the engaging ACFT, a shear pin is used to connect the net suspension cable to the brake cable at each side of the installation. These pins are intended to fail together shortly after engagement. If, however, the impact forces at engagement are low it is possible for only one pin to shear. This could result in the ACFT being yawed and subsequent damage being caused to it. Although the theoretical MNM engagement speed for both systems is zero KT, it is, for that reason, desirable to keep engagement speeds ABV 50KT for lightweight ACFT (BLW 60,000 LB) and 40KT for heavier ACFT. Suffix (R) indicates remote control from control tower available. Barriers are not to be used in winds above 35KTS except in the event of an EMERG.

c. **Flight Manuals.**

When RAAF Flight Manuals are amended, this paragraph will refer RAAF OPR to Flight Manuals for specific speed/weight configuration criteria for individual arresting systems. Other OPR should refer to their respective Flight Manuals.

d. **Arresting System Clearance Details.**

The following ACFT are cleared to use the respective arresting systems. (Safebar engagements are to be made with the canopy closed).

(i) **M34B.** Hawk 127 (see warning ABV).

MAX weight speed limits vary from 10,000 LB/160KT to 25,000 LB/100KT to 100,000 LB/50KT.

Note 1. Safebar engagements must be made with the canopy closed.

Note 2. For M34B systems, the brake cable/brake drum attachment fitting is not designed to disengage itself when MAX payout has been reached. If brake tape payout is exceeded the system will lock and a considerable amount of tape stretch will occur, resulting in ACFT roll back up to 200 FT.

22.2 **BAK 12 Hookcable.**

a. All hook equipped ACFT providing the weight and speed of the ACFT are within the parameters specified in the ACFT flight manual. For 1,200FT runout systems with synchronised pressure of 2,000 PSI at 780 RPM, general parameters are:
(i) Maximum engagement AUW is 95,000LB (43,180KG).
(ii) Maximum engagement speed at 95,000LB is 160KT.
(iii) Maximum engagement speed is 190KT.
(iv) Maximum AUW at 190 KT is 65,000LB (29,550KG).
(v) Minimum engagement AUW is 8,000LB(3,650KG)

b. **Trampling (Roll Over) Clearances BAK 12/14**
This section is under review.
Pilots should refer to the Pilot Operator Handbook or Flight Manual for specific restrictions for each ACFT. In the absence of any reference to trampling in either the Handbook or Manual, trampling is not authorised.
Note: Close formation trampling of the hookcable is not permitted. MNM time BTN successive ACFT trampling the hookcable is five seconds.

c. **Location of Arresting Systems**
(i) The arresting systems are shown as located on the RWY. The middle portion of the RWY is indicated by a line and the distance of the arresting system from the end of the RWY (or into the overrun) on the end on which the system is located is indicated (in feet) in brackets under the applicable system. CAUTION: Up to 15 minutes notice may be RQ for rigging arresting gear for APCH end engagement.

RWY 15	M34B (R)	BAK 12/14 (*1)	--------	BAK 12/14 (*1)	M34B (R)	RWY 33
	62 (203) OVRN	464 (1,521)		464 (1,521)	62 (203) OVRN	

*1. Hookcable normally rigged across DEP end of RWY for arrestable ACFT OPS.
*2. Suffix (R) indicates remote control from control Tower available.
*3. Suffix (B) indicates the arresting systems allows bi directional engagement.

23. AERODROME AND APPROACH LIGHTING

NOTE: NO STAND-BY POWER AVAILABLE UNLESS ANNOTATED.

23.1 Unless otherwise specified, runway lights include runway edge, threshold and runway end lights, and stopway lights where stopways are provided. Lighting is listed by the abbreviations shown below.

ABN	Aerodrome Beacon
AFRU+PAL (FREQ)	Aerodrome Frequency Response Unit plus PAL
AT-VASIS	Abbreviated (Singled Sided) T pattern Visual Approach Slope Indicator System
FDL	Fixed Distance Lighting
HBN	Hazard Beacon
HIAL-CAT I	High Intensity Approach Lights - CAT I
HIAL-CAT II or III	High Intensity Approach Lights - CAT II or III
HIOL	High Intensity Obstacle Lights (flashing white)
HIRL	High Intensity Runway Lights (5 or 6 stages of intensity)
HSL	Hold Short Lights used in conjunction with Land and Hold Short Operations (LAHSO)
LIOL	Low Intensity Obstacle Lights (steady red)
LIRL	Low Intensity Runway Lights (single stage of intensity)
MIOL	Medium Intensity Obstacle Lights (flashing red)
MIRL	Medium Intensity Runway Lights (three stages of intensity)
PAL+AA	PAL with Audio Acknowledgement

PAL	Pilot Activated Lighting
PAPI	PAPI Visual Approach Slope Indicator System
PAPI#	PAPI commissioned by ground survey (not available to scheduled air transport operation jets). Report any anomalies to AD OPR.
PTBL	Portable or temporary lights (flares or battery)
RCGL	Runway Circling Guidance Lights
RCLL	Runway Centre Line Lights
REDL	Runway Edge Lights
RGL	Runway Guard Lights (Alternating Flashing Yellow)
RLLS	Runway Lead-in Lighting
RTIL	Runway Threshold Identification Lights (flashing white)
RTZL	Runway Touchdown Zone Lights
SALS	Simple Approach Lighting System
SDBY PWR	Standby Power
SFL	Sequenced Flashing Lights
STWL	Stopway Light(s)
T -VASIS	T pattern Visual Approach Slope Indicator System
Taxiways	Centre line lights are green and edge lights are blue

23.2 **Lights may be described by the following abbreviations:**

ALTN	Alternating
B	Blue
FLG	Flashing
G	Green
GP FLG (number)	Group flashing (number)
OCC	Occulting
R	Red
W	White
Y	Yellow

23.3 Lighting provided by kerosene lamps may not be available during fire ban periods, except in emergencies.

23.4 Pilot Activated Lighting (PAL)

a. Lighting is actuated with a transmission sequence on the published frequency.

Activation	Transmission Sequence	Activation transmission
PAL	3 bursts of between 1 and 5 seconds within 25 seconds	
PAL + AA (audio acknowledgement)	3 bursts of 1 second each within 5 seconds	
AFRU + PAL	3 bursts of 1 second each within 5 seconds	

b. Non-standard activation sequences and audio acknowledgement responses on PAL frequencies are published for applicable aerodromes in ERSA FAC.

23.5 T-VASIS/AT-VASIS

a. The T-VASIS consists of twenty light units symmetrically disposed about the RWY centre line in the form of two wing bars of four light units each, with bisecting longitudinal lines of six lights.

b. The AT-VASIS consists of ten light units arranged on one side of the RWY in the form of a single wing bar of four light units with a bisecting longitudinal line of six lights.

c. The crossbar represents 'on glide-slope' and deviations appear as one, two or three lights ABV or BLW the crossbar. The sensitivity is similar to flying within the 'three-dot-up' or 'three-dot-down' positions of an ILS glide path.

d. The T-VASIS is designed so that with only the crossbar lights visible, the glide-slope is 3DEG and the pilot's eye-height over the THR is APRX 47 FT. The height quoted in FT is the MNM EYE HEIGHT at THR, i.e. the lowest height at which an “on glide path” indication will be seen. If increased eye-height over the THR is required (e.g. long/wide bodied ACFT) this can be achieved by flying the approach with the crossbar and one or more of the 'fly-down' lights visible as required. In this manner variable vertical distances between the pilot's eyes and the THR can be obtained.

e. **APPROACH SLOPE INDICATION EYE HEIGHT ABOVE THRESHOLD**

THREE LIGHTS FLY UP	Ground level to 7FT
TWO LIGHTS FLY UP	8FT to 25FT
ONE LIGHT FLY UP	25FT to 41FT
ON GLIDE SLOPE	49FT
ONE LIGHT FLY DOWN	57FT to 75FT
TWO LIGHTS FLY DOWN	75FT to 94FT
THREE LIGHTS FLY DOWN	94FT to 176FT

The previous dimensions may vary by 15 FT, depending on the location of the system as dictated by siting requirements.

23.6 The initial intensity of the system is determined by ATS, but may be varied at the request of the pilot.

23.7 PAPI

a. The PAPI system consists of a wing bar of 4 (or paired single lamp) lights equally spaced located on the left side of the RWY unless it is physically impracticable to do so.

b. The height quoted in FT is the MNM EYE HEIGHT at THR, i.e. the lowest height at which an “on glide path” indication will be seen.

c. The wing bar of a PAPI is arranged in such a manner that a pilot making an APCH will:

(i) when on or close to the APCH slope, see the two units nearest the RWY as red and the two units farthest from the RWY as white;

(ii) when ABV the approach slope, see the one unit nearest the RWY as red and the three units farthest from the RWY as white; and when further above the APCH slope, see all the units as white; and

(iii) when BLW the APCH slope, see the three units nearest the RWY as red and the unit farthest from the RWY as white; and when further BLW the APCH slope, see all the units as red.

24. RADIO NAVIGATION AND LANDING AIDS

24.1 Distance Measuring Equipment

a. The DME system uses the channels designated in *ICAO Annex 10* for operation with the VOR FREQ selected for the same AD. This “pairing” of the VOR and the DME thus permits airborne equipment suitably designed, to display both DME and VOR INFO by the selection of only the VOR FREQ.

b. TACAN has also been installed at a number of MIL and joint user AD and the DME element of these installations is AVBL to civil ACFT equipped with 1000 DME. This element will normally be paired with VOR where both facilities are established at a joint user AD/WI the *ICAO Annex 10 collocation DIST RQMNTS*.

c. The availability of associated VOR and DME INFO is shown in ERSA, ERC, AC and on FLIP Terminal charts in one of the FLW forms.

VOR/DME	112.7
VOR	113.7
DME	112.7/74X
TACAN	84

24.2 Bearings, Distance and Hours of Aids

Bearings and distance given is from the aid to the ARP, (shown in DEG MAG and NM) unless noted that the bearing and distance is to the appropriate RWY THR. Navigation aids HR of OPS H24 unless otherwise shown.

24.3 Hazard Beacons (HBN)

Hazard Beacons are utilised as an aid to navigation for obstacle avoidance in the vicinity of aerodromes. HBN are either HIOL or MIOL (*see Aerodrome and Approach Lighting*).

25. COMMON TRAFFIC ADVISORY FREQUENCY (CTAF)

25.1 Frequencies to be used for operations at aerodromes are listed against locations under the heading “CTAF”.

25.2 Carriage of serviceable VHF radio, and being qualified to use it, is mandatory when operating at, or in the vicinity of, all non-controlled certified and military aerodromes. However, a pilot may operate an aircraft with an unserviceable VHF radio at, or in the vicinity of, an uncontrolled aerodrome where the carriage of serviceable VHF radio is normally required if a radio failure occurs during the flight or if the purpose of the flight is to take the radio to a place where it can be repaired. The pilot may continue to land at the aerodrome provided the pilot activates the aircraft's anti-collision lights, landing lights and transponder (if any) whilst within the vicinity of the aerodrome and, if arriving at the aerodrome, joins the circuit on the crosswind leg.

Note: A pilot should avoid planning to arrive at or depart from an aerodrome for radio repairs during the known hours of scheduled air transport operations. For aerodromes where there is a UNICOM or CA/GRS, pilots should, by alternative means, where possible, make contact and advise intentions before conducting operations.

25.3 A pilot may operate an aircraft that is not equipped with a serviceable aircraft VHF radio, or which is equipped with such a radio but which the pilot is not qualified to use, to or from an uncontrolled aerodrome at which the carriage of radio is normally required if the aircraft is flown:

a. In VMC by day, and

b. Arrives or departs in company with another aircraft which is radio-equipped and flown by a radio-qualified pilot which will allow the latter to make radio calls on behalf of both aircraft. The radio equipped aircraft should be manoeuvred to keep the no radio aircraft at a safe distance and in sight at all times in order to accurately report its position.

25.4 Pilots of inbound traffic should monitor and communicate as appropriate on the designated CTAF from 10 miles to landing. Pilots of departing aircraft should monitor/communicate on the appropriate frequency from start-up, during taxi, and until 10 miles from the airport unless local procedures require otherwise.

25.5 Pilots of aircraft conducting other than arriving or departing operations at altitudes normally used by arriving and departing aircraft should monitor/communicate on the appropriate frequency while within 10 miles of the airport unless required to do otherwise by local procedures. Such operations include parachute jumping/dropping, en route, practicing manoeuvres, etc.

26. AERODROME FREQUENCY RESPONSE UNIT (AFRU)

26.1 An aerodrome frequency response unit will provide an automatic response when pilots transmit on the traffic frequency for the particular aerodrome, normally the CTAF. It will assist in indicating inadvertent selection of the incorrect VHF frequency when pilots operate into uncontrolled aerodromes.

26.2 At locations where an AFRU is installed, the entry “AFRU” is included in the CTAF heading.

26.3 When an ACFT operating within approximately 20 to 30 NM of the AFRU makes a transmission of 2 secs duration or more on the aerodrome FREQ, the AFRU will automatically respond with one of the following types of transmissions:

a. If no other ACFT transmissions have been received within the previous 5 minutes, a pre-recorded voice message comprising aerodrome identification followed by “CTAF”; or

b. If any ACFT transmissions have been received within the previous 5 minutes, a low volume 300 millisecond tone burst.

26.4 The AFRU will also detect ACFT transmissions which consist of three sequential carrier bursts within a five second period (i.e. three microphone clicks) and respond with the prerecorded voice message, regardless of aircraft radio transmission activity in the last 5 minutes. Further information can be found in *AIP Book*.

27. ATS COMMUNICATIONS FACILITIES

This section contains detailed information regarding the type, call sign, frequency, hours of operation and other notes regarding the communication facilities available at an aerodrome.

27.1 Certified Air/Ground Radio Service (CA/GRS)

A CA/GRS is an aerodrome radio information service on the CTAF. The service is an information service, not an air traffic service. Pilots retain full responsibility to decide whether to accept and use the information provided. A CA/GRS provides the following information:

a. Confirmation of frequency selection by pilots, by means of the operator's response to a pilot's broadcast when taxiing at an aerodrome or inbound to an aerodrome.

b. Known, relevant traffic on the CTAF and on the manoeuvring area of the aerodrome to an aircraft when taxiing for departure or inbound to an aerodrome.

c. Weather conditions at the aerodrome. The weather information which may be advised is runway favoured by wind or for noise abatement, runway surface conditions, wind direction and speed, visibility and present weather, estimated cloud base, surface temperature, and aerodrome QNH. This information will be provided by means of an Automatic Aerodrome Information Service (AAIS) broadcast on a discrete frequency (similar to ATIS) during CA/GRS OPR HR or on request to the CA/GRS. QNH provided by a CA/GRS or AAIS may be used to reduce DAP IAL MDA in accordance with *AIP ENR 1.5, QNH Sources*.

d. Other local information.

e. Emergency services call-out, if requested by the pilot in an emergency.

At those aerodromes where a Certified Air/Ground Radio Service is provided, the abbreviation “CA/GRS” is included in the aerodrome entry, together with the designated broadcast area and frequency, the AAIS frequency and any location specific procedures, service's hours of operation and callsign.

27.2 UNICOM

UNICOM (Universal Communications) is a service provided on specific frequencies to enhance the value of information normally available about a non controlled aerodrome. UNICOM is not provided by Airservices Australia.

At locations where a UNICOM has been established, the entry giving details about the service, such as the callsign, hours of operation or any particular service provided, will be shown in ATS COMMUNICATION FACILITIES.

UNICOM operators are required to obtain a licence from The Australian Communications Authority and frequency band approval must come from Airservices Australia, prior to the entry being placed in this document.

28. HANDLING SERVICES AND FACILITIES

28.1 Replenishment facilities are listed using the following codes. The left hand column contains the code symbol, the main body gives a brief description and where applicable, finally (in brackets) the Australian designation.

CAUTION: Due to changes without notice, accuracy of REPLEN entries under “Ground Services”, cannot be guaranteed.

When information is received from the relevant aerodrome authority, a NOTAM will be issued notifying changes to refuelling information. However, Airservices Australia takes no responsibility for the accuracy or completeness of refuelling information.

FUEL

AVGAS	aviation gasoline, grade 100LL (AVGAS 100LL) (SG 0.72)
F34	aviation turbine kerosene (JET A1 with FSII (S-1745))(-47DEG C freeze point), (SG 0.775 - 0.840)
JET A1	aviation turbine kerosene (JET A1 without FSII (S-1745))(-47DEG C freeze point) (SG 0.775 - 0.840)
F40	aviation turbine gasoline (AVTAG with FSII (S748) (low vapour pressure) (SG 0.80)
F44	aviation turbine kerosene (AVCAT 48)(high flash point with FSII (S-1745)) (-46DEG C freeze point) (SG 0.788 - 0.845)
F45	aviation turbine gasoline (AVTAG without FSII (S748)) (-51DEG C freeze point) (SG 0.80)

LUBRICATING OIL

O113	aviation piston engine lubricating oil: 65 SUS (OM-107)
O117	aviation piston engine lubricating oil: 100 SUS (OM-270)
O123	aviation piston engine lubricating oil (ashless dispersant): 80 SUS (OMD-160)
O125	aviation piston engine lubricating oil (ashless dispersant): 100 SUS (OMD-250)
O128	aviation piston engine lubricating oil (ashless dispersant):120 SUS (OMD-370)
O133	aviation turbine oil (OM-10)
O135	aviation turbine lubricating oil, petroleum base: 3cS (OM-11)
O136	aviation turbine lubricating oil, petroleum base: 9cS (EP) (OEP-71)
O138	aviation turbine lubricating oil, petroleum base: 9cS (OM-71)
O142	general purpose (mineral) lubricating oil (OM-12)
O147	instrument (synthetic lubricating oil (OX-14)
O148	aviation turbine synthetic lubricating oil: 3cS (OX-9)
O149	aviation turbine synthetic lubricating oil: 7.5cS (OX-38)
O155	aviation gear (mineral) lubricating oil (OEP-70)
O156	aviation turbine synthetic lubricating oil: 5cS (OX-27)
OX-7	aviation turbine oil 390: 3cS
SUS	Saybolt Universal Seconds
cS	Centistokes

MISCELLANEOUS FLUIDS

C365	corrosion preventive compound, hydraulic system (OX-15)
H515	mineral hydraulic oil (OM-15)
H536	hydraulic oil (OX-50)
H576	mineral hydraulic oil (OM-33)
SKD5	Skydrol 500B

S735	inhibited ethylene glycol (AL-3)
S737	isopropyl alcohol (AL-11)
S738	denatured ethyl alcohol (AL-8)
S745	glycol alcohol de-icing, defrosting fluid (AL-5)
S746	isopropyl nitrate (avpin)
S747	methyl alcohol (AL-9)
S1745	fuel system icing inhibitor, high flash type (FSII) (AL-41)
ADI	50/50/l methanol/water/inhibitor anti-detonant injection fluid (METHMIX) (AL-37)
MMX45	45/55/0 methanol/water thrust augmentation fluid (AL-28)
MMX50	50/50/0 methanol/water thrust augmentation fluid
MMX60	60/40/0 methanol/water thrust augmentation fluid
WTA	demineralised water (thrust augmentation fluid)

AVIATION BREATHING OXYGEN

HPOX	High Pressure Oxygen
LHOX	Low and High Pressure Oxygen
LOX	Liquid Oxygen
LPOX	Low Pressure Oxygen
OXRB	Oxygen Replacement Bottles (type of aircraft specified)

POWER UNITS - (ELECTRIC)

E1	28VDC Battery Cart
E2	28VDC 2.2KW
E3	28VDC 7.5KW
E4	28VDC 10KW
E5	28VDC 15KW
E6	Rectifier starting 28VDC 6KW/30KW Peak
E7	Underground Power, 28VDC 15KW, 120/208VAC 50KVA
E8	28VDC 10KW, 120/208VAC 60KVA
E9	28VDC 45KW, 120/208VAC 60KVA
E10	28VDC 14KW, 120/208VAC 45KVA
E11	28VDC 15KW, 120/208VAC l5KVA
E12	15KW, 120/208VAC 75KVA 28VAC
E13	28VAC 15KW, 120/208VAC 90KVA
E14	28VDC 22.5KW, 124/208VAC 30KVA
E15	28VDC 25KW, 124/208VAC 30KVA
E16	28VDC 45KW, 124/208VAC 60KVA

POWER UNITS - (AIR)

A1	Low pressure air starter (40PSI)
PRESAIR	Compressed air replenishment: 3000PSI or higher AVBL

CREDIT DETAILS

Credit cards accepted by Refuellers	
AC	Access Card
DC	Diners Club
V	Visa Card
MC	Master Card
AMEX	American Express

29. METEOROLOGICAL INFORMATION PROVIDED

AD WRNG	Aerodrome Warning
AWIS*	Aerodrome Weather Information Service
METAR/SPECI	Routine and Special Aerodrome Observations
MO	Meteorological Office
MWO	Meteorological Watch Office
TAF CAT	TAF Category - Refer to AIP Book for details
WATIR	Weather and Terminal Information Reciter
WS WRNG	Windshear Warning

* AWIS can be received either on broadcast or phone or both and is indicated in the FAC section by the publication of the phone number the frequency or both.
Some AWIS on broadcast require a one second pulse or three one second pulses to activate.

30. RESCUE AND FIREFIGHTING SERVICES

30.1 RFFS FACILITIES are allocated a CAT within the range of CAT 1 to CAT 10 with minimum water quantity and RFFS vehicle requirements as per the table. Note that the figures below refer to quantities and discharge rates for water and different minimum quantities and discharge rates apply to other extinguishing agents. Categories are allocated to give a reasonable chance of rescue at a serious accident, with the probability of survivors, involving an ACFT within the group. Military users refer DI(AF)OPS for specific requirements/conditions applicable to Military airfields.

CAT	1	2	3	4	5	6	7	8	9	10
MNM water quantity RQ	230	670	1200	2400	5400	7900	12100	18200	24300	32300
MNM discharge rate RQ (L/MIN)	230	550	900	1800	3000	4000	5300	7200	9000	11200
MNM number of RFFS vehicles RQ (CIV only)	1	1	1	1	1	2	3	3	3	3

30.2 Airservices RFFS - ICAO/CASA Standard

30.2.1 This chart indicates the (ICAO) “minimum” useable amounts of extinguishing agents applicable to each RFFS category.

Category	Vehicle	Water	Discharge Rate	Complementary Agent (Dry Chemical)
5	1	5400	3000 l/m	180KG
6	2	7900	4000 l/m	225KG
7	2	12100	5300 l/m	225KG
8	3	18200	7200 l/m	450KG
9	3	24300	9000 l/m	450KG

30.3 Airservices Water Rescue Service (WRS)

a. Airservices Australia RFFS provides a water rescue service at certain aerodromes as specified in the relevant aerodrome's RFFS entry in ERSA. This service consists of rescue boats which provide a first response to an ACFT incident in water areas to deploy flotation platforms, pending the arrival of a larger, second stage response under an aerodrome AEP.

b. The water rescue service does not constitute a part of RFFS category however, any subsequent non availability of the complete WRS will generate notification processes compatible with a contingency plan involving other emergency Agencies (and ATS) at that aerodrome location.

31. PASSENGER FACILITIES

31.1 The following codes are used for the display of PUBFAC data in ERSA:

AC	ACCOMMODATION	PT	PUBLIC TELEPHONE
BU	BUS TO TOWN	RF	REFRESHMENT
HC	HIRE CAR	WC	TOILETS
LG	PASSENGER LOUNGE	TX	TAXI
ME	MAINTENANCE		

31.2 Where relevant and available other brief information, e.g. telephone numbers, is included alongside the facility.

31.3 In many instances services such as taxi or hire car are not available at the aerodrome itself, but need to be contacted by telephone after arrival. Where availability of refreshments is indicated there is usually some limitation on the hours, and may vary from full meal service to a drink vending machine. Buses are often scheduled to meet scheduled air transport operation aircraft only. **AIRSERVICES ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF PUBFAC DATA.**

32. WAC CHART REFERENCE

32.1 The WAC Chart on which the AD can be found.

33. CHANGES IN AERODROME INFORMATION

33.1 Changes in AD INFO will be promulgated by NOTAM to the extent indicated BLW:

a. Co-ordinates/LCA of the AD - if the PSN is altered by more than 0.5 NM;

b. ELEV of an AD - alterations in excess of:
   (i) 20FT for AD with instrument approaches
   (ii) 100FT for other AD;

c. RWY/Strip bearing and number - alterations which cause a change in RWY number; and

d. Declared Distances, Supplementary TKOF Distances and Dimensions of RWY and RWS -
   (i) length - 10(33FT) decrease or 30(98FT) increase.
   (ii) width - any change.

e. TODA Gradient - any change in gradient in excess of 0.05%.

33.2 NOTAM advising of reductions in RWY length due to obstacles associated with WIP will include the LCA of the obstacle(s). Some NOTAM may include additional obstacle information intended solely to amend the obstruction chart issued for that AD.

a. The work is on the movement area, and/or

b. Obstacles infringe clearance surfaces, and the affected area cannot be restored within 10 MIN of an ACFT's indicated intention to use the area.

Although maintenance staff are RQ to watch for ACFT, pilots OPR into non-controlled AD may need to attract the attention of such staff before LDG or TKOF.

RUNWAY DISTANCES LEGEND

Note: TORA/TODA information in separate section

BUTLER

RWY	(CN)	TORA	TODA	ASDA	LDA
05	3	2515(8252)	2575(8449)(1.98%)	2515(8252)	2515(8252)
23	3	2515(8252)	2575(8449)(1.20%)	2515(8252)	2515(8252)
Slope 0.62% down the SW. RWY WID 30, RWS WID 300, Graded 150					
14	2	1000(3281)	1060(3478)(1.47%)	1000(3281)	1000(3281)
32	2	1000(3281)	1060)(3478)(2.65%)	1000(3281)	1000(3281)
Slope from ends 0.32% down to point 670M from NW end. RWY WID 30, RWS WID 90					

SUPPLEMENTARY TKOF DIST:

RWY 05 - 2389(7838)(1.6%) 2547(8356)(1.9%)

RWY 32 - 897(2943)(2.5%)

RWY 05 - TKOF FROM TWY A

1. DECLARED DISTANCES

1.1 Declared distances in metres(feet) are tabulated for each RWY. They are:

a. **TORA (TAKEOFF RUN AVAILABLE)**
The length of RWY declared available and suitable for the ground run of an ACFT taking off. (In most cases, this corresponds to the physical length of the RWY pavement.)

b. **TODA (TAKEOFF DISTANCE AVAILABLE)**
The length of TKOF run available plus the length of any clearway (CWY) available.

c. **ASDA (ACCELERATE-STOP DISTANCE AVAILABLE)**
The length of TKOF run available, plus the length of the stopway (SWY), if provided. (Any SWY length included shall be adequate for use by all ACFT which comply with the RWY strength rating.)

d. **LDA (LANDING DISTANCE AVAILABLE)**
The length of RWY declared available and suitable for the ground run of an ACFT landing (LDG). (In most cases, this corresponds to the physical length of the RWY pavement.)

1.2 Runway End Safety Area (RESA)

1.2.1 RESA is the maintained area at the end of the runway strip that protects an aeroplane from hazards if it undershoots or overruns the runway. RESA is not required for Code 1 and 2 non-instrument runways.

Note: Prior to 2004, RESA were able to commence from the end of the runway, or stopway, if provided. It will be specified in the AIP from where the RESA starts.

1.3 Aerodrome Reference Code - Code Number (CN)

1.3.1 A reference code number is provided for each RWY listed in the RDS (in brackets after each RWY designation number). This code number indicates the maximum field length of the aeroplane that the RWY is designed for. Code numbers and associated field lengths are as follows:

1 - Field length of less than 800M
2 - Field length of 800M up to, but not including, 1200M
3 - Field length of 1200M up to but not including 1800M.
4 - Field length of 1800M and over.

1.3.2 Pilots should note that the field length of an aeroplane is based on the performance of an aeroplane during certification and is not related to the actual RWY length provided at an aerodrome.

1.3.3 Use the code number to determine the applicable standards of obstacle-clear approach gradients, take-off gradients and takeoff survey areas for the RWY. The code number is not intended to limit aircraft operations at an aerodrome. Aircraft operators and/or pilots must ensure that the published aerodrome information meets requirements for their aircraft operations.

1.4 Obstacle-Clear Approach Gradients

1.4.1 The obstacle-clear approach gradient is normally based on the following standard:

a. the threshold is located at least 60M from the intersection of the obstacle-clear approach surface with the extended RWY centre line; and

b. obstacle-clear approach gradients of:

(i) 5% for a code 1 RWY or MIL Visual APCH RWY up to 800M length,

(ii) 4% for a code 2 RWY or MIL Visual APCH RWY 800M up to 1200M length,

(iii) 3.3% for a code 3 and 4 RWY, and/or MIL Visual APCH RWY 1200M up to 1800M length,

(iv) 2.5% for a MIL Visual APCH RWY 1800 M and over.

(v) 3.3% for NPA Code 1, 2 or 3 RWY;

(vi) 2% for NPA Code 4 and precision APCH RWY,

(MIL RWYs: 2.0% for 3000M, then 2.5% until outer horizontal surface, then horizontal).

1.4.2 Any variation to the standard is explained in a note under the relevant declared distances entry.

1.5 Obstacle-Clear Takeoff Gradients

1.5.1 Areas from the ends of runways, defined in accordance with the table below, are surveyed for obstacles. The obstacle-clear takeoff gradient is based on the greatest vertical angle with the horizontal subtended by an obstacle within the surveyed area. This gradient information is shown in brackets immediately following the TODA information. Liaise with the AD OPR if obstacle information is required.

1.5.2 Supplementary Takeoff Distances Available (STODA) are shown for obstacle-clear takeoff gradients (within the same defined area) of 1.6%, 1.9%, 2.2%, 2.5%, 3.3% and 5% if the TODA gradient exceeds these figures and the resultant STODA is greater than 800M.

1.5.3 Where an existing fence or levee is located very close to the RWY end, the fence or levee may not be taken into account in the assessment of the obstacle-clear takeoff gradients for TODA and STODA purposes. In such cases, information of the height and location of the fence or levee will be provided in a note under the relevant declared distances entry.

1.5.4 If the survey area is not in accordance with the table below, details of the actual obstacle survey area are provided below the relevant declared distances entry.

1.6 Takeoff Runway Survey Areas

Takeoff Climb Surface - Dimensions	Take-off Runways Code Number			
	1	2	3 or 4	MIL
Length of inner edge	60M	80M	180M	RWS WID
Minimum distance of inner edge from RWY end @	30M	60M	60M	CWY DIST
Rate of divergence (each side)	10%	10%	12.5%	13.2%
Final Width	380M	580M	1200M 1800M#	2518M
Overall length	1600M	2500M	15000M	15,000M$

When the takeoff procedure includes changes of heading greater than 15DEG for operations conducted in IMC or VMC by night.

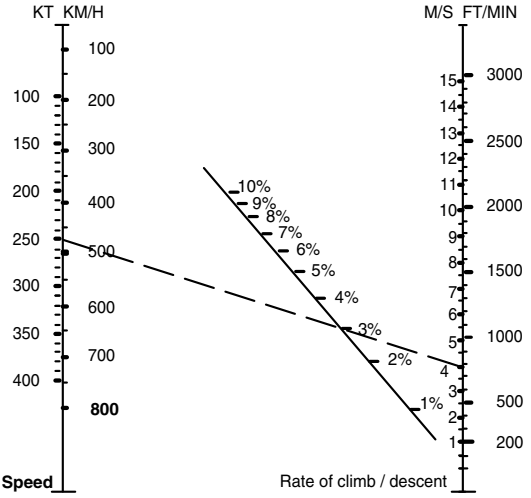
@ The takeoff climb surface starts from the end of clearway if a clearway is provided.

$3000M for RWYs < 1200M.

SLOPE: on RWY quoted is the difference between the maximum and the minimum elevation along the centre line of the RWY divided by its length and expressed as a percentage to the nearest one-tenth of a percent. The “down” slope and its direction are tabulated in all cases, e.g. “0.8% down to SE”. Where significant slope variations occur, additional data may be shown in notices, e.g. “E end level, centre section 0.5% down to W, W end 0.1% down to E”.
RWS WIDTH: is the width from side to side which contains the RWY, the graded and ungraded portions of the RWS, shown in metres only. The GRADED portion of the RWS may be defined by boundary markers and is graded to alleviate damage to an ACFT in the event that it runs off the RWY. The UNGRADED portion of the RWS is free of upstanding objects but may contain depressions, trenches, etc.

1.7 Climb/Descent Gradient Graph

1.8 Example: At a speed of 250KT (470KM/H), a gradient of 3% corresponds to a rate of 760FT/MIN (4M/SEC).



Climb/descent gradient (%) versus rate of climb/descent in metres/second (M/S) and feet/minute (FT/MIN) at speed in kilometres/hour (KM/H) and knots (KT).

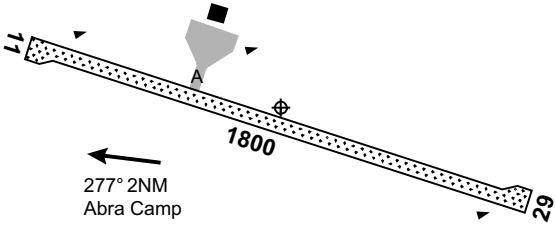
ABRA MINE

ELEV 1730

AVFAX CODE 6619

WA		UTC +8	YABR
243727S	1183713E	VAR 1 DEG E	CERT

AD OPR Abra Mining Pty Ltd, Level 2, 1100 Hay Street, West Perth, WA, 6005. Email: ARO/AD MGR aerodrome@abramining.com.au. PH 08 6183 3200. PH AH ARO/AD MGR 08 6183 3258.



REMARKS

Restricted OPS: 24HR PPR from AD OPR.

HANDLING SERVICES AND FACILITIES

Marshalling, parking allocation and ground handling services by prior arrangement with AD MGR.

APRONS AND TAXIWAYS

TWY A - Code C, 15M unsealed.

AERODROME OBSTACLES

1. MIOL lit mast 2,056FT AMSL BRG 244 DEG MAG 2.6NM FM ARP. Infringes COS by 170FT.
2. Silo 1,921FT AMSL BRG 239 DEG MAG 2.22NM FM ARP. Infringes COS by 49FT. Unlit.
3. Terrain:
   a. 1,957FT AMSL BRG 169 DEG MAG 2,236M FM ARP. Infringes inner HZS by 86FT.
   b. 1,900FT AMSL BRG 245 DEG MAG 2.59NM FM ARP. Infringes COS by 13FT.
4. Trees at the FLW PSN:
   a. 243716.29S 1183633.56E. Infringes RWY 11 TKOF SFC by 2FT.
   b. 243715.96S 1183634.11E. Infringes RWY 11 TKOF SFC by 2FT.
   c. 243735.94S 1183749.81E. Infringes RWY 11 TKOF SFC by 5FT.
   d. 243736.08S 1183750.46E. Infringes RWY 11 TKOF SFC by 5FT.
   e. 243736.89S 1183749.42E. Infringes RWY 11 TKOF SFC by 3FT.
   f. 243736.08S 1183749.12E. Infringes RWY 11 TKOF SFC by 3FT.
   g. 243737.32S 1183749.29E. Infringes RWY 11 TKOF SFC by 5FT.
   h. 243738.25S 1183748.93E. Infringes RWY 11 TKOF SFC by 3FT.
   i. 243738.70S 1183748.48E. Infringes RWY 11 TKOF SFC by 4FT.
   j. 243739.32S 1183748.55E. Infringes RWY 11 TKOF SFC by 3FT.
   k. 243740.46S 1183748.26E. Infringes RWY 11 TKOF SFC by 5FT.

PHYSICAL CHARACTERISTICS

11/29	105	59c	PCR 160/F/A/Y/T Unsealed. Gravel.	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 11/29 PTBL(1) BY PRIOR ARRANGEMENT

(1) EMERG only. 60MIN PN.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	123.4 3500FT

LOCAL TRAFFIC REGULATIONS

1. ACFT ABV 5,700KG to use MAX RAD MNM speed turns at RWY ends only.
2. RWS not AVBL for flight OPS.

FLIGHT PROCEDURES

Right hand CCTS on RWY 29 due to terrain S of the AD.

CTAF 126.7

Information may be continued on the next page: PTO

ADDITIONAL INFORMATION
Plume rise SFC to 1,998FT AMSL BRG 240 DEG MAG 2.17NM FM ARP.

CHARTS RELATED TO THE AERODROME
1. WAC 3346.
2. Also refer to AIP Departure and Approach Procedures.

ADAMINABY

ELEV 3350

FULL NOTAM SERVICE NOT AVBL

NSW		UTC +10	YADY
355954S	1484748E	VAR 13 DEG E	UNCR

AD OPR Snowy River Aviators, PO Box 1387, Cooma, NSW, 2630.
Email: freebird7287@protonmail.com. PH 0413 397 790.



REMARKS
1. Landing donations appreciated.
2. Club fly-ins every first SUN of the month weather permitting.

PHYSICAL CHARACTERISTICS
1. 09/27 Grass (unrated).
2. Slope APRX 1.5% down to E.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 120.75 Only AVBL ABV 4400 FT (CCT HGT)

LOCAL TRAFFIC REGULATIONS
Park at western end of RWY. HEL hardstand NW of RWY. No HEL landing ADJ to hangars. PPR for ACFT ABV 1,500KG MTOW.

FLIGHT PROCEDURES
1. Left hand circuits RWY 09 and RWY 27.
2. Avoid overfly Adaminaby township if able.

CTAF 126.7

ADDITIONAL INFORMATION
1. Caution: mountains.
2. Caution: windshear all RWY when westerly wind is greater than 10KT.
3. Snowy mountain land forecast and observations are recommended to be consulted in addition to aviation weather products prior to OPR.
4. Entry gate from road is kept locked.

CHARTS RELATED TO THE AERODROME
WAC 3456, 3457, 3470.

ADELAIDE

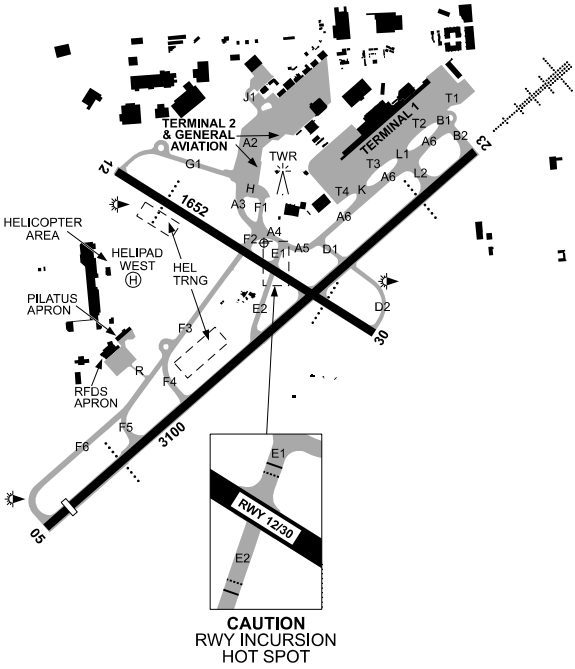
ELEV 20

AVFAX CODE 5001

SA UTC +9:30 YPAD

345642S 1383150E VAR 8 DEG E CERT

AD OPR Adelaide Airport Limited (AAL), 1 James Schofield Drive, Adelaide International Airport, Adelaide, SA, 5950. PH 08 8308 9211: H24 8154 9444. Fax 08 8308 9311.



REMARKS

This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

AIR BP: 1830-1330 UTC. Phone 08 8234 4677, Mobile 0410 566 059, Fax 08 8234 3617.
AH 45MIN PN. AVGAS, JET A1 and JET/FSII. BP Carnet Card, Sterling Card or Account only.
IOR Aviation Pty Ltd: 0700-1600 Local. AH call-out TEL 0458 665 845. JET A1 AVBL underwing and overwing by refuelling vehicle. IOR Aviation account or credit card.
MOBIL: H24. PH 08 8234 4844, Fax 08 8234 4741, Mobile 0418 121 221, JET A1 only. Mobil account, World Fuel Services, UVair cards and authorisations accepted.
Viva Energy Australia: H24. Mobile 0447 238 327. JET A1, AVGAS and JetPlus. Fuel2Sky Carnet Cards or Credit Cards (VISA and MasterCard only).

General

The AD OPR does not provide ACFT marshalling services. All requests for ACFT marshalling should be directed to the Airlines or a FBO.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 9: 2015-1345 UTC (1HR earlier HDS).
2. CAT 7: 1345-2015 UTC (1HR earlier HDS).
3. EMERG FREQ 131.0 MHz AVBL H24
4. Water Rescue Service AVBL H24

Information may be continued on the next page: PTO

APRONS AND TAXIWAYS

1. Helipad West Lit.
2. HLS not AVBL for HEL ABV 9,000KG.
3. TWY L2 AVBL for ACFT up to Code F (A380).

AERODROME OBSTACLES

Lit BLDG 591FT AMSL BRG 055DEG MAG 8,355M FM SOT RWY 05.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, TAF3 H24, AD WRNG, WS WRNG.
2. AWIS PH 08 8150 3800 - Report faults to BoM.
3. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM MWO 08 8366 2773.

PHYSICAL CHARACTERISTICS

05/23	042	102a	PCR 1290/F/D/W/T Grooved	WID 45	RWS 280
12/30	115	54a	PCR 700/F/D/W/T Grooved	WID 45	RWS 280

AERODROME AND APPROACH LIGHTING

RWY 05/23	HIRL		SDBY PWR AVBL
RWY 05/23	MIRL		SDBY PWR AVBL
RWY 05	PAPI	3.0 DEG61FT	SDBY PWR AVBL
RWY 23	HIAL-CAT I(1)		
RWY 23	PAPI	3.0 DEG59FT	SDBY PWR AVBL
RWY 12/30	MIRL		SDBY PWR AVBL
RWY 12/30	PAPI	3.0 DEG51FT	SDBY PWR AVBL

(1) Aligned with ILS GP

1. **ALS type and length**
   a. RWY 23 - distance coded CL: 801M.
2. RWY edge light spacing: 05/23: 57M; 12/30: 59M.
3. For B747 OPS, the THR wheel clearance height does not meet ICAO requirements. Pilots should make adjustment accordingly.

OTHER LIGHTING

1. Secondary PWR switchover time: 1 SEC during LVP, 15 SEC OT.
2. TWY LGT: Green CL.
3. Helipad lighting AVBL SDBY PWR AVBL.
4. RWY 05/23 RWY guard lights at all TWY/RWY intersections.

ATS AND AERODROME COMMUNICATION FACILITIES

ACD	ADELAIDE DELIVERY	126.1
APP/DEP	ADELAIDE APPROACH	118.2 (2) 124.2 (3) 128.6 (4) 243.0 (5) 306.3 (4)
ATIS	ADELAIDE ATIS	116.4 134.5
SMC	ADELAIDE GROUND	121.7
TWR	ADELAIDE TOWER	120.5
VOLMET	AUSTRALIA	6676 (1) 11387 (1)

(1) H24, BCST 00 - 05 & 30 - 35. Refer AIP GEN 3.5.
(2) WI 36NM of Adelaide SE of extended CL RWY 05/23.
(3) WI 36NM of Adelaide on and NW of extended CL RWY 05/23.
(4) WI 50NM N of Adelaide, Edinburgh CTR and Restricted Areas H24.
(5) EMERG FREQ. FREQ will be tested 2130-2330 Local WED. Test transmissions up to 10 SEC duration may be made during these times.

RADIO NAVIGATION AND LANDING AIDS

DME	AD	116.4/111X	345649.5S	1383127.9E	(1)
VOR	AD	116.4	345649.1S	1383128.3E	
DME	IAD	109.7/ 34X (RWY23)	345636.9S	1383230.1E	(2)
GP	IAD	333.2 (RWY23)	345636.7S	1383229.8E	
ILS	IAD	109.7 (RWY23)	345735.4S	1383055.1E	
LOC	IAD	109.7 (RWY23)	345735.4S	1383055.1E	

(1) Antenna ELEV 35FT.
(2) Antenna ELEV 30FT.

LOCAL TRAFFIC REGULATIONS

1. ACFT PARKING

a. TWY F4 not AVBL to ACFT ABV Code D.
b. TWY D1, E1 and E2 not AVBL to ACFT ABV Code C.
c. TWY A2 NE of TWY G1 restricted to MAX Code C (B737) ACFT.
d. RESTRICTION: ACFT ABV Code C to execute 180DEG turns at RWY 23 THR, RWY 05 end and adjacent TWY F5. RWY 23 THR 180DEG turns not AVBL to A350, A380, B777-300, B787-10, B747-8 ACFT.
e. RESTRICTION: RWY 12/30 Not AVBL to ACFT ABV Code C (TKOF) and Code D (Landing).
f. RESTRICTION: ACFT ABV Code D to use TWY A3 to A6, B1, B2, F2 to F6 except F4, T1 to T3, K, L1 and L2 only.
g. All aircraft must provide their parked position/gate number to ATC on acknowledgement of airways clearance.
h. ENG starting involving the use of more than idle PWR RQ ATC clearance.
i. T1 Apron - all code C ACFT are required to push back in E direction only.
j. The following taxi restrictions apply to Code C aircraft and below pushed back from Terminal 1:
TWY B1 not available from Bays 15 to 27.
TWY B1 and L1 not available from Bays 22 to 27.
k. TWY H and F1 restricted to MAX Code C ACFT.
l. TWY R restricted to MAX 18M wingspan ACFT.
m. ACFT landing RWY 05 first AVBL TWY is E2 unless otherwise advised by ATC.
n. ACFT landing RWY 23 first AVBL TWY is D1 unless otherwise advised by ATC.
o. ACFT operating greater than 400 tonnes on RWY 05/23 to seek pavement concession.

2. GENERAL AVIATION APRON

a. Hardstand located on Terminal 2 APN via TWY A2: AVBL for local commercial operators, private and overnight itinerant ACFT. No tie-down points AVBL.
b. Private and overnight parking must be approved by the Airside Operations Manager - Phone 08 8154 9444 or Fax 08 8308 9324.

3. TRAINING FLIGHTS

a. All ACFT planning practice instrument APCH (AVBL 0700-2300 Local) RQ prior ATC approval. Pilots must book a slot online at www.bookawk.com.
b. Training Flights involving an approach to the reciprocal end of the RWY nominated for departures are not permitted.
c. Non-jet training ACFT carrying out a practice instrument approach should plan a missed approach or full stop landing. Touch and Go landings are not normally approved.
d. PPR Shift Manager 1, Melbourne 03 9235 2012 for circling APCH at night or when VIS is less than 5,000M or ceiling is BLW A025.
e. Circuit training is only permitted at Adelaide BTN 0700-2100 Local (extended to 2200 Local HDS). RQ prior ATC approval. Pilots must book a slot online at www.bookawk.com. Noise abatement preferred RWY and flight paths may be waived.

4. SURVEY, AWK (NON-TRAINING), COASTAL TRANSIT AND PARACHUTING FLIGHTS

a. The following flights must book online via www.sa.bookawk.com. If access to the booking page is not AVBL contact the Shift Manager 1, Melbourne on 03 9235 2012 BTN 0630 and 1930 Local DLY;
(i) Survey and AWK (non-training) flights planning to operate in CTA WI 36 NM Adelaide;
(ii) ACFT planning to transit AD CTR via the coast. If transit is required in both directions as part of the one flight, two slots should be booked; and
(iii) Parachuting flights planning to drop WI Adelaide CTR.
b. For survey flights, operators must email maps to: ml.sm1@airservicesaustralia.com and call Shift Manager 1, Melbourne on 03 9235 2012 to discuss their planned operations prior to becoming airborne each day.

Information may be continued on the next page: PTO

5. IFR TRAINING AREAS

IFR ACFT requiring an area for training may plan to operate in:

(i) The Vincent IFR Training Area (VITAA) - The lateral limits of the VITAA are AD 230R-AD260R, 20DME-36DME AD.

(ii) The FALEE IFR Training Area (FALEE) - The lateral limits of the FALEE are AD 280R-AD310R 20DME-36DME AD.

6. HELICOPTER OPERATIONS

a. HEL air taxi via lit TWY at night.

b. Wherever possible, helicopters shall depart a HLS in the same direction as the duty runway nominated on the ATIS, advising direction of take off with the taxi call e.g. "(CS) Request taxi, Departure South West".

c. Subject to traffic, weather and priority considerations, helicopters shall adhere to the following departure and arrival routes:

(i) NW - via University playing fields and River Torrens outlet

(ii) SW - via Sea Rescue Squadron or Sewerage Treatment Works

(iii) N - over Kooyonga Golf Course

(iv) E - via Richmond Road and Keswick railway bridge

(v) S - via Glenelg Golf Course

d. During HN, ATC and pilots will endeavour to confine as much noise as possible within the boundary of the aerodrome by ensuring helicopters depart and arrive overhead the Control Tower.

7. HELICOPTER TRAINING

a. During daylight hours and in VMC, helicopter AWK will take place from the training sites adjacent to and parallel with RWY 12/30 and 23/05, known respectively as the Western and Southern training areas.

b. NVIS equipped helicopters may operate from these areas HN in VMC.

FLIGHT PROCEDURES

1. **ATC TRAFFIC MANAGEMENT SPEED**

When **not** on a SID or STAR (including vectoring) - ACFT ARR or DEP YPAD must not exceed 250KT IAS when BLW 10,000FT. Advise ATC if a higher speed is operationally required.

2. **ESTIMATED TRAFFIC DELAYS**

2.1. Estimated airborne traffic delays for ARR ACFT may be expected due to terminal area traffic density.

a. Scheduled:

(i) MON-FRI 0000-0130 UTC and 0700-1000 UTC: 10MIN.

b. Non-scheduled/other:

(i) MON-FRI 2200-0300 UTC: 10MIN.

(ii) MON-FRI 0700-1100 UTC: 15MIN.

Note: All times 1HR earlier during HDS. Actual holding times may differ from holding estimates. Historical data on actual holding is available from the NOMC.

3. VFR HJ: Do not plan to transit or over-fly the Adelaide CTR below 6,000FT where an alternate route is available. Where an alternative route is not available, plan:

a. Coastal FM OHB to PNL or

b. Coastal PNL to OHB or

c. Hope Valley VFR ROUTE.

4. VFR HJ: Departures from Adelaide to Parafield, AWK training flights plan via OHB. Other ACFT plan via PAL.

5. LOW VIS TAKEOFFS

For CASA approved operators, RWY 23/05 are capable of supporting takeoffs with an RV/RWY VIS of not less than 550M.

NOISE ABATEMENT PROCEDURES

CURFEW applies - See AIP DAP Noise Abatement Procedures.

ADDITIONAL INFORMATION

1. The Pelican Point Power Station near the container terminal to the NW of Torrens Island emits a continuous plume of high temperature and high velocity gas discharges. Remain clear at all times.
2. Bird hazard exists. Pigeon flocks concentrate on RWY 23 and RWY 30 approaches. Pelican activity on RWY 05 approach.
3. Weather balloon launches APRX 2315 and 1115 UTC. Launches may occur at other times.
4. Model ACFT OPR HJ WI 160M radius of PSN 345618S 1383554E, BRG 075 DEG MAG 3.3NM FM ARP, SFC to 400FT AGL.

CHARTS RELATED TO THE AERODROME

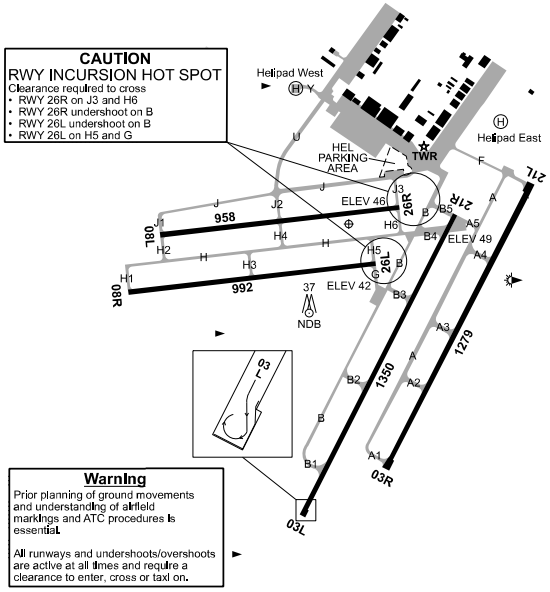
1. WAC 3458, 3459.
2. Aerodrome Obstacle Chart Type A: December 2024 AVBL from AD OPR.
3. Also refer to AIP Departure and Approach Procedures.

ADELAIDE/PARAFIELD ELEV 57

AVFAX CODE 5002

SA		UTC +9:30	YPPF
344736S	1383759E	VAR 8 DEG E	CERT

AD OPR Parafield Airports Limited (PAL), PO Box 652, Salisbury, SA, 5108. PH 08 8307 5700. Fax 08 8281 5006.



REMARKS

1. Airport Coordination Centre (ACC) H24: (08) 8154 9444.
2. RWY 03L/21R, TWY F, TWY A north of TWY A5, TWY A5 and TWY B not AVBL to ACFT ABV 9,000KG MTOW.
3. Remainder of AD not AVBL to ACFT ABV 5,700KG MTOW.
4. Parafield is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

BP - Johnson Refuelling: 1700-0700 UTC DLY, AH HO 30 MIN PN. Phone 08 8281 0499, Fax 08 8281 9302 H24, MOB 0419 722 797. AVGAS, JET A1, O117, O125, O156.
AVGAS, JET A1, H24 Phone 0412 602 447. HO 2030-0630 UTC DLY. AH 30 MIN PN. O117, O125, O128, O155, O156, Stark Aviation Pty Ltd. Phone 0412 602 447.

Information may be continued on the next page: PTO

General
The AD OPR does not provide ACFT marshalling services. All requests for ACFT marshalling should be directed to a FBO.

PASSENGER FACILITIES
PT/TX/HC 08 8250 4488.

APRONS AND TAXIWAYS
CAUTION: HEL arriving and/or departing Helipad East may operate in close proximity to TWY F.

AERODROME OBSTACLES
2 lit towers 275/6NM YPPF, 411FT AMSL.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT B, METAR/SPECI.
2. AWIS Phone 08 8150 3813 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

03L/21R	020	44a	PCR 24/F/D/Z/U	WID 18	RWS 90
03R/21L	020	42c	PCR 24/F/D/Z/U Sealed.	WID 18	RWS 90
08L/26R	077	31a	PCR 24/F/D/Z/U Sealed.	WID 18	RWS 90
08R/26L	077	33a	PCR 24/F/D/Z/U Sealed.	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING
RWY 03L/21R LIRL(1) SDBY PWR AVBL
(1) Displayed continuously outside TWR HRS.
1. RWY 03L/21R edge light spacing: 90M.
2. RWY 03L turn pad blue edge lights.

OTHER LIGHTING
ABN FLG 6 W Not AVBL outside TWR HR.
1. Aeronautical Ground Lights:
   a. Positioned at BOLIVAR (344617.8S 1383409.6E) visible from 092DEG MAG through S to 312 MAG.
   b. Omni directional strobe light positioned at BONFIRE HILL (343917.0S 1385712.2E) for visual guidance to ACFT ARR/DEP from/to NE.
2. TWY LGT: TWY B only Green CL.
3. SDBY PWR switchover time: 15 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	ADELAIDE CENTRE	130.45
ATIS	PARAFIELD ATIS	120.9 416
SMC	PARAFIELD GROUND	119.9
TWR	PARAFIELD TOWER	118.7 124.6

1. TWR FREQ RQMNTS stated on ATIS.
2. If ATIS not AVBL use PRI TWR FREQ 118.7.
3. TWR HR:
   a. MON-FRI: 2130-0930 UTC (1HR earlier during HDS)
   b. SAT-SUN: 2230-0830 UTC (1HR earlier during HDS)
   Phone: 08 8258 1745^ for urgent operational issues; 08 8258 1149^ (TWR Manager) for all other issues.
4. Parafield TWR provides ATS within Class D airspace SFC to 1,500FT.
5. Outside TWR HRS airspace becomes Class G. CTAF procedures apply.

RADIO NAVIGATION AND LANDING AIDS
NDB PF 416 344747.3S 1383752.2E Range 35 (HN 35) (1)
(1) Pilot monitored outside TWR HR 2. 051/0.8 to ARP. 3. Warning: Excessive needle bearing fluctuations may occur in the minor arc 050-150.

LOCAL TRAFFIC REGULATIONS

1. S apron TWY, designated for ACFT below 24M MAX wingspan.
2. Start Clearance Required on SMC FREQ 119.9 for circuit operations.
3. **PARKING RESTRICTIONS**
   a. Hardstand - local commercial operators only.
   b. Private and overnight itinerant - grass apron only.
   c. HJ itinerants in front of TWR.
   d. E grass apron designated for ACFT WI 15M MAX wingspan and BLW.
   e. Helicopter parking SW of TWR and delineated by blue markers.
4. **AIRWORK TRAINING DEPARTURE SLOT**

4.1. AWK TRNG flights planning to enter or over-fly AD CTR must book a DEP SLOT except when:
   a. Planning to use SKI DEP, SUB DEP or RWY 03 SID Radar, or
   b. VMC does not exist in the PF CTR. Bookings must be made online via www.sa.bookawk.com prior to flight planning. If access to the booking page is not AVBL call Shift Manager 1, Melbourne on 03 9235 2012.

FLIGHT PROCEDURES

1. **ATC TRAFFIC MANAGEMENT SPEED**
   When **not** on a SID or STAR (including vectoring) - ACFT ARR or DEP PF via Class C airspace must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.
   Note: Pilots must also comply with Class D airspace speed limits. Cancellation of ATC traffic management speeds does not cancel Class D airspace speed limits.
2. CAUTION: Fast moving, heavy ACFT operate in close proximity to the Parafield CTR in both the Adelaide CTR and Edinburgh Military CTR. Pilots of all ACFT must exercise vigilance to avoid unauthorised entry unless specifically cleared to enter these portions of airspace.

2.1 When HEL circuit OPS are included on the ATIS, fixed wing ACFT must extend at least 1NM FM the upwind THR FM the nominated RWY before turning crosswind, or join final outside 1NM FM the THR of the nominated RWY, unless otherwise advised by ATC.

3. DEPARTURES VFR HJ:
   a. For entry into ADJ CTA or Military Restricted Area plan via SKI or SUB.
   b. For transit of Adelaide CTR where an alternative route is not available, plan COT FM OHB to PNL (book online via www.bookawk.com) or via HOPE VALLEY VFR ROUTE.
   c. For landing at Adelaide, ACFT not involved in AWK/training may plan via PAL.
4. ARRIVALS VFR HJ:
   a. From ADJ CTA or Military Restricted Area, plan via OHB or DMW.
   b. From transit of Adelaide CTR where an alternative route is not available, plan COT PNL to OHB (book online via www.bookawk.com) or via HOPE VALLEY VFR ROUTE.
5. PF VOR, RNP and NDB PROC not AVBL for training. PROC AVBL for ARR when meteorological conditions require IAP. RNP PROC approaches to the non-duty runway may be subject to extensive delays.
6. IFR OPERATIONS IN VMC: Pilots electing to commence or terminate an IFR flight under the VFR should communicate such intention at the earliest possible time to ensure their arrival or departure is processed efficiently. Requests made on Adelaide Approach WI 5 minutes flight time of PF CTR may not be approved due ATC workload. Short notice requests should be made on first contact with PF TWR.
7. Refer to LYNDOCH (YLYK) ERSA FAC entry for Barossa Valley operations.

8. LOW VISIBILITY OPERATIONS

8.1 Low visibility operations NOT AVBL. RWY light spacing greater than 60M.

Information may be continued on the next page: PTO

9. DEPARTURES

9.1 REQ AWY CLR from Parafield Ground 119.9 for:
- a. VFR HN and IFR flights into ADJ Class C and MIL Restricted Area R265A;
- b. VFR flights into AD CTR or terminating in EDN CTR.

9.2 VFR flights intending to enter ADJ Class C airspace, R255 or R265A via SUB or SKI REQ SSR code from Adelaide Centre on 130.45 passing SUB or SKI.

9.3 VFR flights intending to upgrade to IFR in ADJ Class G REQ SSR code from Adelaide Centre on 130.45 on ground at YPPF. Contact Adelaide Centre on 130.45 passing SUB or SKI for identification and further instructions.

9.4 Pilots intending to operate in the training areas shall specify the WESTERN TRAINING AREA (D220/D280) with TAXI call.

9.5 ACFT DEP to the WESTERN Training Area shall conduct a SKI DEP.

9.6 Pilots not departing directly into CTA shall include 'For (SUB/SKI) Departure' with the Ready Call.

9.7 DEP in accordance with the following:

a. SKI DEPARTURE Climb to and maintain 1,000FT AMSL to SKI (Remain outside Class C airspace).

Unless otherwise instructed follow the tracking instructions below:
- (i) RWY 21R - FM right crosswind track south of the Bolivar Strobe to SKI - remaining clear of ED CTR.
- (ii) RWY 03L - FM left crosswind track south of the Bolivar Strobe to SKI - remaining clear of ED CTR.
- (iii) RWY 26R - FM upwind track south of the Bolivar Strobe to SKI - remaining clear of ED CTR.
- (iv) RWY 08L - FM left downwind track south of the Bolivar Strobe to SKI - remaining clear of ED CTR.

DEP from Helipad:
- (i) Duty RWY 21: FM crosswind follow RWY 21R instructions.
- (ii) Duty RWY 03: FM crosswind follow RWY 03L instructions.
- (iii) Duty RWY 26: FM upwind follow RWY 26R instructions.
- (iv) Duty RWY 08: use RWY 08L.

DEP from other RWY follow ATC instructions to join SKI departure from the duty RWY. Unless otherwise advised, pilots should automatically change to 130.45 (Adelaide Centre) at SKI.

b. SUB DEPARTURE (Remain outside Class C airspace). Unless otherwise instructed, follow the instructions below:
- (i) RWY 21L - Climb to 1,000FT AMSL. FM left downwind track to SUB - remaining clear of AD CTR. Continue climbing to 1,500FT AMSL when east of PF and clear of TFC.
- (ii) RWY 03R - Climb to 1,500FT AMSL. FM upwind track to SUB.
- (iii) RWY 26R - Climb to 1,000FT AMSL. FM right crosswind track to SUB - remaining clear of ED CTR. Continue climbing to 1,500FT AMSL when north of PF and clear of TFC.
- (iv) RWY 08L - Climb to 1,000FT AMSL. FM left crosswind track to SUB - remaining clear of ED CTR. Continue climbing to 1,500FT AMSL when north of PF and clear of TFC.

DEP from Helipad:
- (i) Duty RWY 21: make a right circuit and continue right downwind until advised or until entering Class G airspace.
- (ii) Duty RWY 03: maintain upwind until advised or until entering Class G airspace.
- (iii) Duty RWY 26: FM crosswind follow RWY 26R instructions.
- (iv) Duty RWY 08: use RWY 08L.

DEP from other RWY follow ATC instructions to join SUB departure from the duty RWY. Unless otherwise advised, pilots should automatically change to 130.45 (Adelaide Centre) at SUB.

9.8 ROUTES:
a. ACFT DEP to E into Class G airspace TR via the Sub Station (SUB) and then advised to TR via South Para Reservoir (SPR) and remain clear of the WRR - DMW TR to avoid ARR ACFT.
b. ACFT DEP to NW into Class G airspace TR via St Kilda (SKI) S of BOLIVAR strobe light (Caution: May be opposite direction of HEL OPS at A005).
c. ACFT DEP into the vicinity of EDN outside EDN TWR HR TR via BOLIVAR strobe light.
CAUTION: BOLIVAR strobe light is in close proximity to the western EDN circuit.

10. ARRIVALS

10.1 ROUTES:
ARR VFR ACFT should track via and report:
a. FM NW via Class G airspace: Report OHB and track S of BOLIVAR strobe light.
b. FM NE via Class G airspace: Should track via WRR then track via and report at DMW.
c. HEL with TAS not more than 90KT FM NE via Class G airspace: May track to and report at a point 0.5NM SE of the DMW (report SE abeam the DMW).
d. FM the vicinity of EDN CTR outside EDN TWR HR: EDN - PF.
ACFT should remain clear of the SUB - SPR TR to avoid DEP ACFT.
CAUTION: West of DMW - ACFT may be DEP via the SUB.
e. ACFT ARR FM the vicinity of EDN CTR outside EDN TWR HR shall track via and report at EDN.

10.2 ALTITUDE:
a. ALT: 1,500 FT.
b. Helicopters arriving from the NW may TR via SKI S of Bolivar strobe at 500FT.
Requirement to reduce speed to not more than 90KT.

11. CIRCUIT PROCEDURES

11.1 Circuit operations during TWR HR require prior booking at https://sa.bookawk.com
11.2 Circuit ALT: 1,000FT.
11.3 Full stop landing followed by further CCTS: Pilots shall advise ATC (with the downwind full stop call) intention to conduct further CCTS.
11.4 ATC will consider nominating an alternative RWY when the crosswind on RWY 03/21 exceeds 10 KT.
11.5 Asymmetric training in multi engine ACFT only AVBL on RWY 03/21.
11.6 Simulated ENG failure in single ENG ACFT after TKOF not permitted.
11.7 CAUTION: Helicopter CCTS are conducted WI the fixed wing circuit.
11.8 ATC may restrict circuit OPS.
11.9 Circuit directions during TWR HR:
(i) RWY 03R HJ - right: HN - not AVBL.
(ii) RWY 03L HJ - left: HN - left.
(iii) RWY 21R HJ - right: HN - right.
(iv) RWY 21L HJ - left: HN - not AVBL.
(v) RWY 08R HJ - right: HN - not AVBL.
(vi) RWY 08L HJ - left: HN - not AVBL.
(vii) RWY 26R HJ - right: HN - not AVBL.
(viii) RWY 26L HJ - left: HN - not AVBL.

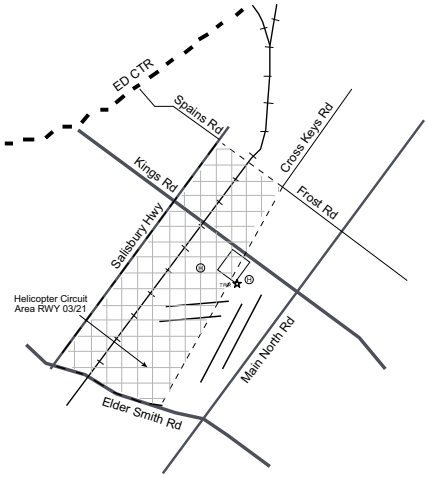
12. HELICOPTER OPERATIONS

12.1 Fixed wing CTR departures and entry procedures, apply.
12.2 Pilots shall nominate the HLS they wish to use on initial CTC with Parafield TWR or Ground.
12.3 HLS DEP and ARR must be parallel to the duty RWY unless otherwise specified by ATC.
12.4 Pilots shall advise completion of OPS on TWR FREQ when vacating the Western HLS (i.e. Pad West).
12.5 ARR Pad East: Minimum delay on Pad when duty RWY 03/21 CTC GND after vacating.
12.6 Southern grass is the area contained by a line 60M west of TWY B and 60M south of RWY 08R/26L, flight strip extended to the perimeter fence to the south and west (caution needs to be exercised due NDB hut and MET compound).

Information may be continued on the next page: PTO

12.7 CIRCUITS:

a. Circuit ALT: 800FT.
b. Fixed wing circuit direction applies.
c. CCTS must be conducted WI the fixed wing circuit.
d. For RWY 03/21 the HEL circuit shall be a straight line FM the corner of Cross Keys and Frost Roads, south to Elder Smith Road, west to the Salisbury HWY, north along Salisbury HWY to Spains Rd, and east to corner of Cross Keys and Frost Roads.



e. A continuous look-out for fixed wing traffic must be maintained.
f. A maximum of 3 HEL are permitted to operate CCTS concurrently.

12.8 AUTO-ROTATIONS:

a. Initial departure and subsequent turns shall be made in the nominated circuit direction.
b. Prior to commencement, pilots shall notify ATC of the intent to conduct an auto-rotation.
c. After commencement, orbits and teardrop turns, inclusive of contra direction turns, are permitted without the approval of ATC.
d. Helicopters must remain clear of other circuit traffic.

13. COMMUNICATION FAILURE

a. Carry out Communication Failure procedures in EMERG.
b. TR via the appropriate VFR approach point.
c. Enter Parafield CTR at 1,500FT and TR to overhead the aerodrome at that altitude.
d. Ascertain landing direction and join the appropriate circuit for the runway selected.
e. The preferred runway for landing should be:

The runway nominated in the joining or sequencing instruction, or
The arrivals / departure runway nominated on the ATIS (subject to direction of arrival).

f. When ready, descend to circuit altitude remaining clear of the other circuit.
g. Maintain separation from other aircraft.
h. Proceed with normal circuit and landing.
i. Watch for light signals from the TWR.

14. AEROBATIC OPERATIONS

For Aerobatic Flights WI 20NM Adelaide, refer Adelaide ERSA entry 'LOCAL TRAFFIC REGULATIONS'.

15. OUTSIDE TWR HR:

a. RWY availability:
   (i) RWY 03L/21R - H24
   (ii) RWY 08R/26L - HJ only
   (iii) RWY 08L/26R and 03R/21L - not AVBL.
b. RWY 08R/21R - right hand CCTS.
c. ACFT departing for Class C airspace CTC Adelaide Centre, on TAX, REQ transponder code and REQ AWY CLR at the holding point when ready.

d. ACFT DEP into the vicinity of EDN shall TR via BOLIVAR strobe light.
e. ACFT ARR FM vicinity of EDN CTR outside EDN TWR HR shall TR EDN - PF.
f. IFR ACFT shall cancel SARWATCH with Adelaide Centre after LDG.
g. A MAX of 5 ACFT are permitted in the circuit.

CTAF - AFRU 118.7

Outside TWR HR.

NOISE ABATEMENT PROCEDURES

1. Circuit training is permitted only BTN the FLW HR:
   a. MON-FRI 2130-1330 UTC (HDS 2030-1230 UTC) - 0700-2300 Local.
   b. SAT 2130-1130 UTC (HDS 2030-1030 UTC) - 0700-2100 Local.
   c. SUN 2300-1130 UTC (HDS 2200-1030 UTC) - 0830-2100 Local.
   d. Christmas Day - No circuit training.
   e. New Years Day - No circuit training.
   f. ANZAC Day - 2330-1330 UTC - 0900-2300 Local.
2. Outside TWR HR, preferred RWY, 03L/21R.
3. Circuit Training Operations HN:
   a. RWY 03L: Left Hand CCTS.
   b. RWY 21R: Right Hand CCTS.

ADDITIONAL INFORMATION

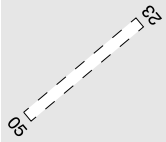
1. Bird hazard exists WI circuits and environs.
2. Multiple power stations near the container terminal to the NW of Torrens Island emits a continuous plume of high temperature and high velocity gas. Remain clear at all times.

CHARTS RELATED TO THE AERODROME

1. WAC 3458, 3459.
2. Also refer to AIP Departure and Approach Procedures.

ADELS GROVE

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YALG
184133S 1383153E VAR 5 DEG E UNCR
AD OPR R and M Low Mow, PMB 2, Mount Isa, QLD, 4825.
Email: info@adelsgrove.com.au. PH 07 4748 5502. Fax 4748 5600.

HANDLING SERVICES AND FACILITIES

AVGAS pump.

PASSENGER FACILITIES

AC/TX/RF/WC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	125.7

CTAF 126.7

ADDITIONAL INFORMATION

All ACFT are to avoid overflying Century Mine and associated plant area NE of AD due blasting OPS.

CHARTS RELATED TO THE AERODROME

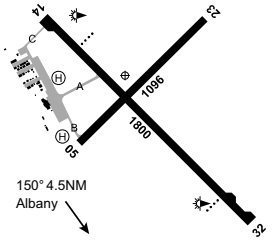
WAC 3220.

Information may be continued on the next page: PTO

ALBANY

ELEV 233

AVFAX CODE 6301



WA UTC +8 YABA
345636S 1174832E VAR 2 DEG W CERT
AD OPR City of Albany, PO Box 484, Albany, WA, 6331.
Email: airport@albany.wa.gov.au. ARO 08 6820 3711.

REMARKS

1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport. Security Gate access code to access terminal and/or airside can be obtained by contacting ARO.

HANDLING SERVICES AND FACILITIES

AIR BP: 2300-0900 UTC JO, 0000-0400 UTC SAT. AH call-out fee applies. CTC ARO. AVGAS and JET A1 H24 bowser. Air BP Carnet card accepted. JET A1 pressure refuel AVBL with 30 MIN PN.

PASSENGER FACILITIES

TX/HC/LG/RF/WC

APRONS AND TAXIWAYS

1. TWY B AVBL for ACFT 10,000KG and below.
2. TWY C AVBL for RFDS ACFT only and ACFT under 5,700KG with MAX wingspan 15M. (No access to main APN for larger ACFT from this TWY).

AERODROME OBSTACLES

1. Lit mast 671FT, Willyung Hill, BRG 091 DEG MAG 1.94NM FM ARP.
2. Secondary lit mast 603FT, Willyung Hill, BRG 088 DEG MAG 2.06NM FM ARP.
3. Transient OBST - truck on highway 4.5%. Infringes RWY 23 take-off SFC.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 08 6216 2600 - Report faults to BoM.
3. AWIS FREQ 122.125 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	047	36a	PCR 69/F/A/0.80 MPa/U	WID 30	RWS 90
14/32	137	59a	PCR 190/F/A/1.10 MPa/U	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 05/23	PTBL(3)			BY PRIOR ARRANGEMENT
RWY 14/32	LIRL(2)	AFRU+PAL 127.85		SDBY PWR AVBL
RWY 14	PAPI(1)	AFRU+PAL 127.85	3.0 DEG53FT	SDBY PWR AVBL
RWY 32	PAPI(1)	AFRU+PAL 127.85	3.0 DEG49FT	SDBY PWR AVBL

(1) Left side only. AFRU+PAL requires three three-second pulses to activate.
(2) AFRU+PAL requires three three-second pulses to activate.
(3) 60 MIN PN.
1. RWY edge light spacing: 14/32: 60M.
2. PAL cycle 60MIN.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY A LGT blue; TWY C LGT blue.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 123.9 On ground

RADIO NAVIGATION AND LANDING AIDS

DME	ABA	109.7/ 34X	345659.8S	1174835.5E		(1)
NDB	ABA	240	345707.8S	1174837.9E	Range 100 (HN 60) OW 200 (OW HN110)	(2)

(1) Antenna ELEV 260FT.
(2) 355/0.6 to ARP.

LOCAL TRAFFIC REGULATIONS

1. ACFT above 18,000KG to turn on nodes only with MAX RAD turns.
2. RWS not AVBL for TKOF or LDG.
3. TWY B not AVBL for ACFT ABV 10,000KG.
4. Parking:
   a. Bay 2 restricted to RPT ACFT or ACFT approved by senior reporting officer. ACFT may park on Bay 1 with prior approval or pilot may be RQ to remain in attendance to move ACFT at short notice.
   b. HEL parking on marked grass section N side of TWY Alpha and also, W side of TWY Bravo.
   c. ACFT below 5,700KG and MAX wingspan of 15M only parking in GA parking area: NW of main APN.
   d. Limited parking for all ACFT ABV 5,700KG MTOW or wingspan greater than 15M. Contact AD for parking.
   e. Tie downs are not load rated.

CTAF - AFRU 127.85

ADDITIONAL INFORMATION

1. All Pilots and Operators must possess and display a current Aviation Security Identification Card (ASIC) when airside.
2. Weather balloon launch APRX 2315 UTC FM 680M ENE ARP. Launches may occur at other times.
3. Aircraft on approach to RWY 05 should be aware of the potential risk of windshear due to local weather conditions.

CHARTS RELATED TO THE AERODROME

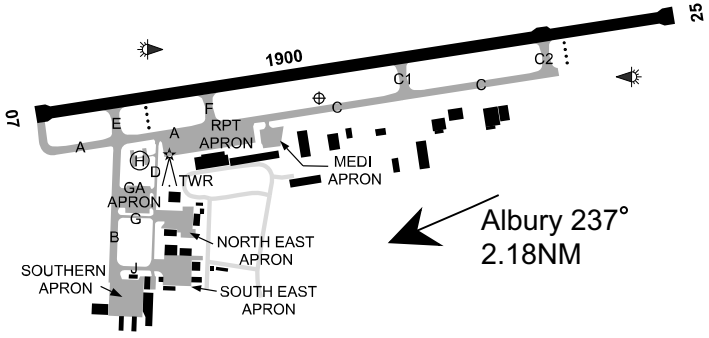
1. WAC 3462.
2. Also refer to AIP Departure and Approach Procedures.

ALBURY — ELEV 539

AVFAX CODE 2234

NSW		UTC +10	YMAY
360404S	1465729E	VAR 12 DEG E	CERT

AD OPR Albury City Council, PO Box 323, Albury, NSW, 2640.
Email: airport@alburycity.nsw.gov.au. PH Manager 02 6023 8111. ARO 0418 691 776: 0428 691 801. Website: www.alburycity.nsw.gov.au.



REMARKS

1. AD Charges: refer to website.
2. This AD is a Security Controlled Airport. All pilots and operators must possess and display a current Aviation Security Identification Card (ASIC) when airside, and wear a high visibility safety vest while on APN area.

Information may be continued on the next page: PTO

HANDLING SERVICES AND FACILITIES

Aero Refuellers: AVGAS, 24HR self-serve bowser accepts Aero Refuellers card, V and MC. AVGAS and JET A1 by tanker H24 with 1HR PN. AH call-out fees may apply. PH: 0413 003 808.
World Fuel Services: JET A1 Tanker Refueller, AVGAS Tanker Refueller, H24 AVGAS bowser, WFS carnet card, V and MC via Compac Pay smartphone APP.
Attended 0800-1700 Local MON-FRI and 0800-1200 Local SAT/SUN. 24HR Duty Refueller 0428 567 599, Email: alburyaviationfuels@gmail.com.
24HR pilot's lounge, located adjacent to the GA parking. Sponsored by the Albury Aero Club. Gavin 0418 399 331.

AERODROME OBSTACLES

1. Mast on building BRG 037 DEG MAG 464M FM ARP. Infringes TNS by 4.9FT.
2. Anemometer PSN 360359.12S 1465711.25E. Infringes TNS by 11.1FT.
3. Lit towers
   a. 739FT AMSL BRG 010 DEG MAG 1,590M FM ARP.
   b. 953FT AMSL BRG 204 DEG MAG 2,870M FM ARP.
   c. 953FT AMSL BRG 214 DEG MAG 2,490M FM ARP.
   d. 3 x TWR 1,713FT AMSL BRG 351 DEG MAG 5,300M FM ARP.
4. Lit poles
   a. 738FT AMSL BRG 050 DEG MAG 2,740M FM ARP.
   b. 1,250FT AMSL BRG 083 DEG MAG 8,160M FM ARP.
   c. 1,470FT AMSL BRG 190 DEG MAG 7,500M FM ARP.
   d. 1,031FT AMSL BRG 251 DEG MAG 5,180M FM ARP.
   e. 1,036FT AMSL PSN 360400.6S 1465410.6E.
   f. 1,074FT AMSL PSN 360353.8S 1465409.9E.
5. The following obstacle penetrates the VSS
   a. Hazard light 1,076FT AMSL BRG 262 DEG MAG 4,995M FM ARP.
6. The following trees penetrate the VSS
   a. 1,004FT AMSL BRG 258 DEG MAG 4,957M FM ARP.
   b. 594FT AMSL BRG 260 DEG MAG 1,405M FM ARP.
   c. 593FT AMSL BRG 060 DEG MAG 1,526M FM ARP.
   d. 739FT AMSL BRG 057 DEG MAG 2,759M FM ARP.
   e. 587FT AMSL BRG 059 DEG MAG 1,478M FM ARP.
   f. 590FT AMSL BRG 060 DEG MAG 1,569M FM ARP.
   g. 597FT AMSL BRG 072 DEG MAG 1,728M FM ARP.
7. Terrain BRG 062 DEG MAG 2,518M FM ARP. Infringes 2% TKOF by 16FT.
8. Light pole BRG 061 DEG MAG 1,616M FM ARP. Infringes 2% TKOF by 8.2FT.
9. Building BRG 055 DEG MAG 1,078M FM ARP. Infringes TNS by 3.9FT.
10. War Memorial BRG 244 DEG MAG 5,197M FM ARP. Infringes 2% TKOF by 64.6FT.
11. Chimney BRG 259 DEG MAG 1,431M FM ARP. Infringes 2% TKOF by 9.8FT.
12. Power poles:
    a. BRG 252 DEG MAG 1,431M FM ARP. Infringes 2% TKOF by 2.3FT.
    b. BRG 248 DEG MAG 1,514M FM ARP. Infringes 2% TKOF by 4.3FT
    c. BRG 247 DEG MAG 1,473M FM ARP. Infringes 2% TKOF by 2.6FT.
    d. BRG 253 DEG MAG 1,456M FM ARP. Infringes 2% TKOF by 1FT.
13. Vent on building BRG 260 DEG MAG 1,126M FM ARP. Infringes 2% TKOF by 10.2FT.
14. Security camera BRG 253 DEG MAG 1,252M FM ARP. Infringes 2% TKOF by 1FT.
15. Steel post BRG 250 DEG MAG 1,051M FM ARP. Infringes 2% TKOF by 1FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS PH 02 9353 6400 - Report faults to BoM.
3. AWIS FREQ 134.525 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

07/25 069 62a PCR 250/F/D/1.57 MPa/T Grooved WID 30 RWS 150
Turn pads each end 45M WID.

AERODROME AND APPROACH LIGHTING

RWY 07/25	MIRL	AFRU+PAL 123.25		SDBY PWR AVBL
RWY 07/25	RTIL	AFRU+PAL 123.25		SDBY PWR AVBL
RWY 07	PAPI(1)	AFRU+PAL 123.25	3.0 DEG51.6FT	SDBY PWR AVBL
RWY 25	PAPI(2)	AFRU+PAL 123.25	3.0 DEG51.4FT	SDBY PWR AVBL

(1) Right side.
(2) Left side. PAPI RWY 25 not to be used beyond 3NM FM AD when R368 ACT (SFC-2200).
1. RWY edge light spacing: 07/25: 60M.
2. AFRU+PAL AVBL outside TWR HR.
3. RWY 07/25: Outside TWR HR PAPI Stage 2 MAN or PAL, SDBY PWR AVBL supplied by AD generator in the event of mains PWR failure.

OTHER LIGHTING

ABN OCC 6 W
1. SDBY PWR switchover time: 4 SEC during LVO up to 15 SEC OT.
2. No RWY centreline lights are provided.
3. TWY LGT: Blue edge on TWY A, B, C, E, F and J. Blue reflective edge on TWY D.
4. PTBL battery operated EMERG lighting AH Phone 0418 691 776, 0428 691 801.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.2 On ground (outside TWR HR)
ATIS	ALBURY ATIS	115.6 133.85
SMC	ALBURY GROUND	121.8
TWR	ALBURY TOWER	123.25

1. TWR HR:
   a. MON-FRI: 2015-1030 UTC.
   b. SAT:2300-0700 UTC.
   c. SUN: 2300-1030 UTC.
   Phone 02 6020 7101^.
   Note: All times 1HR earlier during HDS. TWR HR may change at short notice, check status of airspace with ATS or Albury ATIS.
2. Albury TWR provides combined TWR and APP CTL services within Class D airspace, 4,500FT AMSL and BLW DRG TWR HR. CTC TWR for clearance.
3. Outside TWR HR, Albury Class C and D airspace 8,500FT AMSL and BLW becomes Class G.

RADIO NAVIGATION AND LANDING AIDS

DME	AY	115.6/103X	360405.2S	1465758.3E	(2)
VOR	AY	115.6	360404.8S	1465757.9E	(1)

(1) 259/0.4 to ARP
(2) Antenna ELEV 545FT.

LOCAL TRAFFIC REGULATIONS

1. RWY grass strips not MNTN for ACFT OPS.
2. TWY A, B, C, E, F and J AVBL to ACFT ABV 5,700KG.
3. TWY D and G not AVBL to ACFT ABV 5,700KG.
4. TWY D not AVBL to ACFT with wingspan greater than 15M.
5. Intersection DEP RWY 07 permitted FM TWY E, refer to RDS.
6. All ACFT must roll through and use the RWY turn pad taxi guidelines.
7. All ACFT must roll on exit from the ACFT parking position and follow the taxi guidelines on the RPT APN.
8. All ACFT ABV 5,700KG must only conduct 180 DEG turns at RWY 07/25 threshold using turn pad taxi guidelines.
9. **Circuit Training**
   a. All ACFT planning circuits during TWR HR require prior ATC approval. Pilots must book a slot online at www.nsw.bookawk.com.
   b. Training circuits not permitted MON-SUN 1100-2100 UTC (1HR earlier HDS).
10. **Instrument approach training**
    All ACFT planning practice instrument APCH during TWR HRS require prior ATC approval. Pilots must book a slot online at www.nsw.bookawk.com.

Information may be continued on the next page: PTO

FLIGHT PROCEDURES

1. LOW VISIBILITY OPERATIONS

a. LVO AVBL during TWR HR
b. RV assessment measurements AVBL.
c. Preparations for the activation of LVP are commenced when the visibility has reduced to 1,500M or less, and/or cloud ceiling is 200FT or less and further reducing. This ensures that the LVP are in force at or just prior to the visibility reducing to 800M.
d. When visibility is less than 800M, ATC will limit vehicle access on the manoeuvring area to the Airport Operations Officer and RFFS/other EMERG vehicles.
e. Aircraft OPS in VIS less than 800M when ATC is not operating by prior arrangement only, contact aerodrome operator.
f. Low VIS DEP on RWY 07/25 not AVBL BLW 800M VIS.

2. Right hand circuits RQ when OPR RWY 07, except as directed by ATC.
3. Simulation of ENG failure after TKOF RWY 25 must only be initiated:
   a. In HJ only
   b. Not BLW 1,500FT AMSL

CTAF - AFRU 123.25
Outside TWR HR.

ADDITIONAL INFORMATION

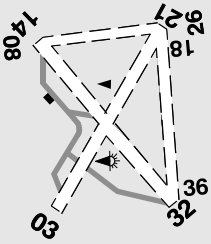
1. Wildlife hazard exists. Most common species: bats, ducks, galahs and ibis.
2. Model ACFT OPR HJ WI 500M RAD Ettamogah BRG 355 MAG 3.85NM FM AD up to 400FT AGL.
3. Caution - sections of TWY C not fully visible to the control tower.

CHARTS RELATED TO THE AERODROME

1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

ALDINGA

ELEV 110
FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YADG
351720S 1382936E VAR 8 DEG E UNCR
AD OPR Aldinga Aviation Pty Ltd, PO Box 579, Willunga, SA, 5172.
Email: secretary@aldingaaviation.com.au. PH 0493 542 499.
Website: www.aldingaaviation.com.au.

REMARKS

1. 1HR PPR.
2. AD Charges: All ACFT: single $5, twin $10; waived with fuel purchase.

HANDLING SERVICES AND FACILITIES

AVGAS - 24HR credit card swipe bowser (MC and V only).

PASSENGER FACILITIES

RF/WC. Courtesy car AVBL at AD, for more information email car@aldingaaeroclub.org.au or phone 0458 450 877 or 0434 370 566.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	ADELAIDE CENTRE	130.45 In the circuit

LOCAL TRAFFIC REGULATIONS

ACFT PRKG areas are watered - observe signage.

FLIGHT PROCEDURES

1. Right hand CCTS RQ when OPR on RWY 18, RWY 21 or RWY 26.
2. Aldinga has a curfew. No TKOF or LDG BTN 2200-0600 Local during daylight saving hours. No TKOF or LDG BTN 2200-0700 Local at all other times. Landings only are permitted 2100-2200 Local.
3. Circuits are permitted from 0800-2000 Local MON-SAT and from 0900-2000 Local SUN.
4. Circuits are prohibited on Public Holidays with the exception of the Adelaide Cup Day, King's Birthday/Volunteers Day and Labour Day.

CTAF - AFRU 127.15

ADDITIONAL INFORMATION

1. CAUTION Training airfield - multiple RWY may be in use.
2. PJE OPS within 5NM of Aldinga Airfield.
3. Current details can be found on the Aldinga Aviation website.
4. Animal and bird hazard may exist.
5. ACFT OPS off sealed surfaces may be hazardous.

CHARTS RELATED TO THE AERODROME

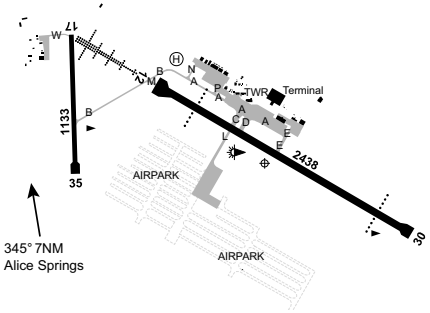
WAC 3458, 3459.

ALICE SPRINGS — ELEV 1789

AVFAX CODE 8501

NT		UTC +9:30	YBAS
234824S	1335408E	VAR 4 DEG E	CERT

AD OPR Alice Springs Airport Pty Ltd, PO Box 796, Alice Springs, NT, 0871.
Email: operationsASP2@adgnt.com.au. PH Admin: 08 8951 1211. ARO H24 0402 088 154.
Fax 8955 5046. Website: www.alicespringsairport.com.au.



REMARKS

1. AD Charges: All ACFT. Copies of Conditions of Use can be obtained from AD OPR or website.
2. Passengers and crew from all unscreened RPT services and MIL ACFT who have obtained permission FM AD OPR to park on the main RPT APN, shall enter the Terminal via Gates 1 or 10. Unscreened GA crew and PAX must not access Terminal airside via RPT APN.
3. This AD is a Security Controlled Airport.
4. Unscheduled operations diverting into Alice Springs require prior notice to the RFFS and Airport Management.
5. Limited PRKG for ACFT ABV 5,700KG MTOW. CTC AD OPR for PRKG approval.
6. All ACFT for the Airpark are to CTC www.apas.com.au for ARR/DEP PROC.

HANDLING SERVICES AND FACILITIES

Viva Energy Aviation: Dunning's Fuels Pty Ltd 2030-0830 UTC. PH 08 8955 5335 or 0417 644 965 AH call out fee applies. JET A1, AVGAS, JetPlus. Fuel2Sky Carnet Cards or credit cards (V and MC).
AIR BP: 2030-0800 UTC DLY, H24 AVGAS card bowser. PH 08 8952 1120 (diverts to refueller), Fax 08 8955 5083, AH 0438 897 002. 60MIN PN. AVGAS, JET A1 and JET/FSII.

Information may be continued on the next page: PTO

General
AD OPR does not provide ACFT marshalling. All requests should be made to RPT Airlines or fixed base operators.

RESCUE AND FIREFIGHTING SERVICES
1. CAT 6:
   a. MON-FRI 2145-0915 UTC.
   b. SAT 2245-0545 UTC.
   c. SUN 2330-0915 UTC.
2. 131.0 MHz AVBL HO.

APRONS AND TAXIWAYS
1. To minimise the effect of jetblast, all jet ACFT must TAX away FM APN PRKG positions using MNM breakaway thrust.
2. Simultaneous use of TWY C and TWY D RESTR to ACFT with wingspan BLW 65M.
3. All ACFT must TAX away FM RPT APN PRKG positions in accordance with the TAX lead-out lines.
4. TWY A BTN TWY C and TWY P RESTR to ACFT with MAX 20M wingspan when Bay 9 occupied by B767-300 and ABV.
5. Access via TWY A BTN TWY C and D not AVBL when Bay 26 or 28 occupied.
6. TWY A west of RPT APN, TWY B and TWY M not AVBL to ACFT ABV Code B (Metro 23).
7. TWY N, TWY P MAX wingspan 20M.
8. Access to GA refuelling RESTR to ACFT with MAX 12.5M wingspan.
9. RESTR: Use of TWY L for ACFT under tow only.
10. TWY W and APN W of N end of RWY 17/35 closed to public. Approved operators only by prior arrangement.
11. **TWY E**
    a. BTN TWY A and RWY 12/30 not AVBL to ACFT ABV B737 MAX8.
    b. BTN TWY A and commuter APN not AVBL to ACFT ABV Dash 8-300.
    c. PCR 434/F/B/1.45 MPa/T

AERODROME OBSTACLES
1. Lit ATC TWR, 1,849FT AMSL, 336 DEG MAG, 0.3NM from ARP infringes transitional SFC by 8FT.
2. When B737 and ABV parked on RPT APN, tail infringes transitional SFC.
3. APN floodlights 270M north of RWY CL infringe transitional SFC by up to 11FT.
4. Anemometer 180M south of RWY CL infringes transitional surface by 11FT.
5. Lit masts:
   a. McDonnell Range (x3), 2,730FT AMSL, 329 DEG MAG, 5.6NM from ARP infringe outer HZS by up to 467FT.
   b. 8HA aerial, 1,971FT AMSL, 320 DEG MAG 2.87NM from ARP. Infringes COS by 47FT.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT A, METAR/SPECI, AD WRNG.
2. AWIS Phone 08 7922 2500 - Report faults to BoM.
3. AWIS FREQ 134.05 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

12/30	116	80a	PCR 531/F/B/X/U Grooved	WID 45	RWS 280
17/35	174	37a	PCR 36/F/B/0.73 MPa/U	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 12/30	MIRL		SDBY PWR AVBL
RWY 12/30	PAPI(3)	3.0 DEG49FT	SDBY PWR AVBL
RWY 12/30	PTBL(1)		BY PRIOR ARRANGEMENT
RWY 12	HIAL-CAT I		SDBY PWR AVBL
RWY 12	HIRL		SDBY PWR AVBL
RWY 17/35	PTBL(2)		BY PRIOR ARRANGEMENT

(1) EMERG and 90 MIN PN.
(2) Solar lighting operates automatically for HN. EMERG OPR only.
(3) Aligned with ILS GP.

1. **ALS type and length**
   a. RWY 12 - distance coded CL: 900M.
2. RWY edge light spacing: 12/30: 60M.
3. RWY 12/30 RWY LGT and PAPI OPR Stage 2 HN; outside TWR HR Stage 6 HJ. Intensity changes on RQ during scheduled RPT hours. CTC AD OPR.
4. OBSTR LGT and IWI OPR HN.
5. HIAL OPR Stage 2 when TAF issued prior to 0830 Local indicates FCST or PROB of CLD or VIS less than CAT D ALTN MNM. HIRL and HIAL at other stages AVBL on 60MIN PN. Contact AD OPR 0402 088 154 H24. A fee may be payable for this SVC.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Blue reflective edge on A and B BTN TWY M and RPT APN.
3. RWY 17/35 and TWY M, B lit HN with portable solar lighting.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	119.8 On ground (Outside TWR HR)
ATIS	ALICE ATIS	115.9 123.0 335
TWR	ALICE TOWER	118.3

1. TWR HR: 2230-0830 UTC DLY. Phone 08 8950 7505.
   Note: TWR HR may change at short notice, check status of airspace with ATS or Alice ATIS.
2. Alice TWR provides combined TWR and APP CTL services within Class C and D airspace 6,500FT AMSL and BLW DRG TWR HR. CTC TWR for clearance.
3. Melbourne Centre 119.8 provides ATS within Class C airspace ABV 6,500FT AMSL DRG TWR HR.
4. Outside TWR HR, Alice Springs Class C and D airspace FL125 and BLW becomes Class G and Class C airspace FL125 - FL245 becomes Class E.

RADIO NAVIGATION AND LANDING AIDS

DME	AS	115.9/106X	234734.4S	1335241.0E		(2)
NDB	AS	335	234640.6S	1335224.7E	Range 110 (HN 90)	(3)
VOR	AS	115.9	234734.4S	1335241.6E		(1)
DME	IAS	109.9/ 36X (RWY12)	234813.3S	1335342.9E		(5)
GP	IAS	333.8 (RWY12)	234813.1S	1335343.0E		(4)
ILS	IAS	109.9 (RWY12)	234855.7S	1335513.0E		(4)
LOC	IAS	109.9 (RWY12)	234855.7S	1335513.0E		(4)

(1) 116/1.5 to ARP
(2) 116/1.5 to ARP - Antenna ELEV 1811FT.
(3) 131/2.3 to ARP. Possible excessive needle oscillations near McDonnell Ranges.
(4) Pilot Monitored outside TWR HR.
(5) Antenna ELEV 1795FT.

LOCAL TRAFFIC REGULATIONS

1. Departing ACFT which have not submitted flight notification to Airservices are to contact Alice TWR on 118.3 at least 5 MIN prior to requesting TAX clearance.
2. RESTRICTION: ACFT 80,000KG and ABV must use RWY 12/30 THR turning nodes. ACFT turn starboard 180DEG. Line designed to accommodate B777-300ER/A340-600 normal turn RAD. All ACFT to use MNM speed and MAX RAD turns to avoid pavement damage.
3. RESTRICTION: ACFT Code D (B767) and ABV must execute over steer turns from RWY 12/30 onto TWY C or D due insufficient TWY edge clearance.
4. PRKG Restrictions for non-RPT ACFT. PPR (obtainable FM AD OPR, AS, on at least 48 HR PN) for ACFT ABV 5,700KG MTOW to remain at or transit AS except when planned as ALTN.
5. Pilots are advised that IFR training and circuit training should be conducted before 0000 UTC, BTN 0400-0600 UTC and after 0730 UTC. Delays may be expected for training flights at all other times. Pilots are to contact TWR with training details at least 15 MIN prior to commencement.
6. Access to the GA APN via TWY A, N and P only.

Information may be continued on the next page: PTO

FLIGHT PROCEDURES

For A380 operations, CAT 1 ILS OPS RWY 12 DA is as per published procedures.
Refer DAP W Alice Springs.

CTAF - AFRU 118.3

Outside TWR HR.

ADDITIONAL INFORMATION

1. Manned balloon activity in the vicinity of the circuit area at sunrise and early morning.
2. Weather balloon launch APRX 2315 UTC FM 1.4KM WNW ARP. Launches may occur at other times.
3. Animal and bird hazard exists. Bird hazard reduced on very hot summer days with increased bird hazard May-August daily and in months after increased average rainfall. Occasional feral animals present and seasonal influx of migratory birds. Animal hazard managed to minimal risk during daily airport business HRS.
4. Sealed drag strip located 1KM W of AD, aligned parallel with RWY 17/35 may be mistaken for RWY. Confirm RWY identification by RWY markings/lights.

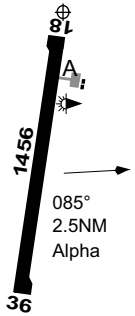
CHARTS RELATED TO THE AERODROME

1. WAC 3232.
2. Aerodrome Obstruction Chart Type A Charts: RWY 12/30, Edition 5, May 2021.
3. Also refer to AIP Departure and Approach Procedures.

ALPHA

ELEV 1255

AVFAX CODE 4110



QLD UTC +10 YAPH
233846S 1463501E VAR 8 DEG E CERT
AD OPR Barcaldine Regional Council, PO Box 11, Alpha, QLD, 4724.
PH 07 4985 1166. PH AH 0428 683 465.

PASSENGER FACILITIES

PT

PHYSICAL CHARACTERISTICS

18/36 180 48a Unrated. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 18/36 LIRL(1) PAL 122.8 SDBY PWR AVBL
RWY 18/36 PTBL BY PRIOR ARRANGEMENT
(1) SDBY PWR 20MIN MAN Switching
RWY edge light spacing: 90M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.3 8500FT

CTAF 126.7

ADDITIONAL INFORMATION

Possibility of animals on AD.

CHARTS RELATED TO THE AERODROME

WAC 3234.

ALSTONVILLE SOUTH

ELEV 560
FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YAVS
285257S 1532619E VAR 12 DEG E UNCR
AD OPR Keith Arnold Newnham, 29 Harrison Street, Bulimba, QLD, 4171.
Email: champat459@gmail.com. Mobile 0428 766 503.

REMARKS
PPR. Private use.

PHYSICAL CHARACTERISTICS
09/27 21c Unrated. Grass on red dirt. RWY LEN 640M. WID 15 RWS 33

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 120.3

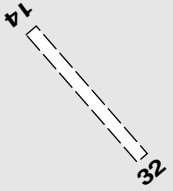
CTAF 132.45

ADDITIONAL INFORMATION
The Ballina CTR is situated APRX 0.3NM E of the ALA.

CHARTS RELATED TO THE AERODROME
WAC 3357.

AMATA

ELEV 2172
FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YAMT
260550S 1311210E VAR 4 DEG E UNCR
AD OPR Amata Community Inc, Via Alice Springs, NT, 0870.
PH 08 8956 2911. Fax 08 8956 2921.

REMARKS
PPR.

PASSENGER FACILITIES
Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 121.85 4000FT

FLIGHT PROCEDURES
Right hand CCTS required when OPR on RWY 32 at night.

CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3344.

Information may be continued on the next page: PTO

AMBERLEY

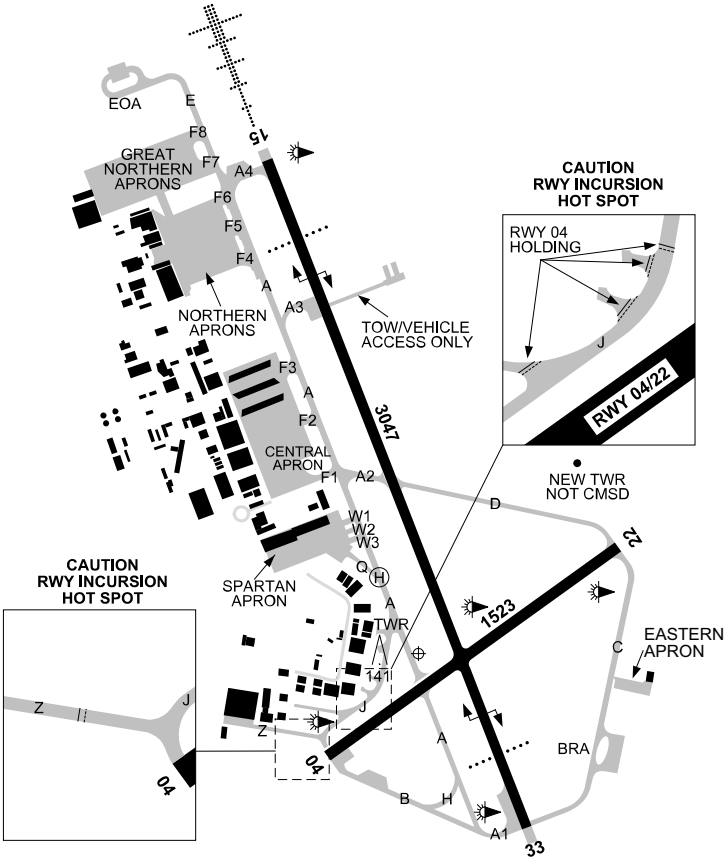
ELEV 91

AVFAX CODE 4018

QLD UTC +10 YAMB

273826S 1524243E VAR 11 DEG E MIL

AD OPR RAAF, Airbase Operations Centre, RAAF Base Amberley, QLD, 4306.
Email: amb.aboc@defence.gov.au. PH 07 5361 2888.



REMARKS

1. Aerodrome Operating Hours 2230-1300 UTC MON-THU, 2200-0700 UTC FRI. FAC may be unmanned outside aerodrome hours.
2. AD not open for public use at any time, including during CTAF hours. CIV OPS prohibited without prior approval. CIV OPS requesting air, landing and/or ground operations at AMB must submit a written request to Amberley Airbase Operations Centre (ABOC) at least 48 hours in advance via email amb.aboc@defence.gov.au. Refer to “FLIGHT PROCEDURES” for additional requirements.
3. MED available 2130-0630 UTC MON-THU, 2130-0430 UTC FRI. OT available only for scheduled high performance ejection seat aircraft.
4. Visiting MIL ACFT planning to conduct instrument approach procedures or circuit training at YAMB - 24HR PN required to obtain prior approval to allow coordination with local operations. Phone AMB ABOC 07 5361 2888. Written requests may be required.
5. Customs, Health and Immigration - 24HR PN.
6. Review *CAAP 166-01* prior to operating at this aerodrome. This document provides essential guidance for safe procedures at non-controlled aerodromes.

HANDLING SERVICES AND FACILITIES

F34, 0135, O148, O156, H515, WTA (24HR PN), PRESAIR, HPOX, LHOX, LOX (24HR PN), LPOX, E1, E2, E3, E4, E5, E8, E9, E10, E11, E12, E13, E14, E15, E16, C, CM.
Engine Running Offload (ERO), 30MIN PN.
Air Movements/Base Duty Crew AVBL 2130-0630 UTC MON-THU, 2130-0230 UTC FRI, OT PN.
Airbase Operations Centre (ABOC) Phone 07 5361 2888 or 0473 628 662.

General

AMS (MIL) AVBL on 361.6 or THRU ABOC Phone 07 5361 2888 or THRU AMB Switch 07 5361 1111. AMS availability may be amended by NOTAM. AMS may be vacated during promulgated HR when long breaks BTN SKED MOV occur. ABOC Duty contact only applies.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 6 2200-1300 UTC, CAT 4 OT.
2. Higher RFFS CAT AVBL with 72HR PN through ABOC. CAT 8 AVBL subject to staffing.
3. Outside TWR HR CTC RFFS via CTAF.

APRONS AND TAXIWAYS

1. Central Apron
   PCR 390/F/D/X/T.
   Restricted to Code C ACFT only.
2. TWY A and E: WID 23M. TWY B, C, D, H, J, Q and Z: WID 15M.
3. TWY J restricted to 36M MAX wingspan.
4. TWY F4, F5, F6, F7, F8, Northern Apron and Great Northern Apron.
   PCR 730/R/D/X/T.
5. Pavement Concessions for KC-30A BLW 233,900KG (515,661LB) AUW,
   Tyre Pressure 1.42 MPa. Not RQ for TWY A, A1, A2, A3, A4, F4, F5, F6, F7, F8, Northern Apron and Great Northern Apron.
   All OPS with an AUW ABV 214,000KG (471,788LB) are to be recorded and notified on a monthly basis to email address adf.ces@defence.gov.au.
6. TWY A4 lead in line displaced FM centre. Exercise caution when entering and exiting RWY due main landing gear proximity to outer edges of sealed SFC and RWY edge LGT.
7. HEL OPR in the Southern APN will GND Taxi utilising minimal PWR to reduce rotor wash.
8. Northern Apron tow road has OBST 29.6M from CL.

SURFACE MOVEMENT GUIDANCE

Illuminated TACAN marker boards RWY 15/33.

AERODROME OBSTACLES

1. Mast (Lit) HGT 1,457FT AMSL, PSN 273008.40S 1523530.47E, APRX BRG 310/10.5NM FM ARP.
2. Three TWR cranes, Ipswich Hospital, 487FT AMSL, BRG 054 DEG MAG 2.86NM FM ARP. One crane infringes inner horizontal SFC by 207FT.
   CTC PH: 0456 700 886 or 0417 626 038.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, TAF3 issued hourly AVBL during MO HR, AD WRNG, WS WRNG.
2. AWIS PH 07 3564 3700 - Report faults to BoM.
3. AWIS FREQ 316.2 - Report faults to 07 5361 2888.
4. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM Defence MO 07 5362 0218 when staffed. AH AVBL FM MWO 07 3239 8737.

Information may be continued on the next page: PTO

PHYSICAL CHARACTERISTICS

04/22	043	50a/b	PCR 530/F/D/2.03 MPa/T Grooved C5A	WID 45	RWS 230
15/33	148	100a/b	PCR 730/F/D/2.03 MPa/T Grooved C5A	WID 45	RWS 230

1. ORP W side of THR RWY 15/33. Asphalt area of Central Apron TP 210 GW 220. Helicopter activity on all grass areas. Illuminated DIST to run markers all RWY.
2. Pavement concessions:
   a. C-17A Globemaster BLW 265,805KG (586,000LB) AUW, tyre pressure 1.14 MPa not RQ for RWY 15/33
   b. KC-30A BLW 233,900KG (515,661LB) AUW, tyre pressure 1.42 MPa not RQ for RWY 15/33.

   Note: All OPS with an AUW ABV 214,000KG (471,788LB) are to be recorded and notified on a monthly basis to email address: adf.ces@defence.gov.au.
   Caution: C17 aircrew should be mindful of the ADDN effective WT of the ACFT during OPS using engine reverse thrust.
3. CIV OPS on RWY 04/22 limited to day VMC only due close-in unlit obstacles. CTC AD OPR for further details.

ARRESTING GEAR

RWY 15	BAK 14 (R)(B)(2) 464(1,521)	--------	BAK 14 (R)(B)(2) 464(1,521)	RWY 33

Recessed bi-directional BAK 12/14 Hookcables INSTL 464M (1,521FT) FM THR RWY 15/33 marked by Day-Glo orange disks. DIST BTN Cables 2,119M (6,953FT), NML OPR PSN: arrestable ACFT OPR - DEP end up, APCH end - down; non arrestable ACFT OPR or outside TWR HR - both ends down. No crossing RESTR in down PSN. In the event of PWR failure, cables will rise to a HGT of 10CM until PWR restored - recommend ACFT not approved to trample hookcables OPR BTN cables during CTAF HR. CONC absorber housing 1FT high ADJ RWY edge.

AERODROME AND APPROACH LIGHTING

RWY 04/22	MIRL	AFRU+PAL 118.3		SDBY PWR AVBL
RWY 04/22	PTBL(1)			
RWY 15/33	HIRL(3)	AFRU+PAL 118.3		SDBY PWR AVBL
RWY 15/33	PTBL(1)			
RWY 15	HIAL-CAT I(5)	AFRU+PAL 118.3		SDBY PWR AVBL
RWY 15	PAPI(2)	AFRU+PAL 118.3	3.0 DEG57FT	SDBY PWR AVBL
RWY 33	PAPI(4)	AFRU+PAL 118.3	3.0 DEG57FT	SDBY PWR AVBL

(1) Electric (15 MIN SDBY). POSS loss of VIS CTC when abeam or circling for either RWY.
(2) Design ACFT A330. RWY 15 Aligned with ILS GP.
(3) POSS loss of VIS CTC when abeam or circling due equipment.
(4) Design ACFT A330.
(5) SFL

1. **ALS type and length**
   a. RWY 15 - distance coded CL: 905M.
2. Fixed LGT settings outside TWR HR.
3. AFRU+PAL AVBL outside TWR HR.
   PAL Day Mode LGT INTST - PAPI stage 6; HIRL/HIAL/SFL Off.
   PAL Evening Mode LGT INTST - HIRL/HIAL/PAPI stage 4; SFL/TWY stage 2.
   PAL Night Mode LGT INTST - HIRL/HIAL/PAPI stage 2; SFL Off; TWY stage 1.
4. PAL activates AD LGT for 30 MIN. For manual activation of AD LGT in event of PAL failure, CTC CS “Base Fire” FREQ 118.3 MHz and REQ “PAL OVERRIDE”.
5. HIRL/HIAL fixed INTST settings may RQ increased IAL VIS minima.

OTHER LIGHTING

1. Secondary PWR switchover time: up to 7 SEC.
2. TKOF with RVR less than 800M shall be at pilots discretion.
3. TWY LGT: Green CL. TWY B, H, J and Q unlit.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE		121.2 (5)
FIA	BRISBANE CENTRE		125.7
ACD	AMBERLEY DELIVERY		134.6 (4)
APP	AMBERLEY APPROACH		126.2 (1) 243.0 (2) 335.8
ATIS	AMBERLEY ATIS	(3)	123.3 316.2
SMC	AMBERLEY GROUND		129.35
SMCV	AMBERLEY GROUND		121.925
TWR	AMBERLEY TOWER		118.3 243.0 (2) 264.6

(1) Mandatory for transit through AMB CTR and Restricted Areas.
(2) EMERG FREQ
(3) ATIS BCST on 123.3 and 316.2 when CTR ACT. AWIS OT. ATIS/AWIS AVBL PH 07 5361 3581
(4) ACFT DEP Amberley, also all ACFT entering Amberley CTR and R625 FM Class G airspace are to make first CTC with AMB Delivery on 134.6 to pass FLT details and obtain SSR code. These ACFT can EXP to be issued a CLR prior to transfer to APCH.
(5) Outside TWR HR, Limited coverage using 121.2 when on GND. CTC with BN CEN is AVBL on 134.3 when on GND. Use of this FREQ is strictly limited to cancelling SARWATCH, REQ CLR when TAX (only if planning to enter CTA IMT after DEP), and in an EMERG.

1. Test transmissions on EMERG FREQ 243.0 will take place each WED morning BTN 2100-2230 Local. Each transmission will not exceed 10 SEC.
2. HRS as per NOTAM.
3. Automatic retransmit FAC exist BTN FLW FREQ: 118.3/264.6; 126.2/335.8.
4. Pilots wishing to OPR WI AMB airspace RQ to MON ATIS to determine STS.
5. A/G FAC CTAF 118.3 coverage UNREL. Reported “Black Spots” on AD. Incidents of poor COV notify Base Aviation Safety Officer on 0477 322 081.
6. ATS hours notified by NOTAM (refer YAMB). Outside ATS hours CTAF procedures apply. ATS may be ACT at short notice, check YAMB ATIS for status.
7. Amberley training areas may be active during ATS hours. AVFAX Code AEX - 0939, AWX - 0940, EVX - 0943.
8. ACFT planning to enter CTA IMT after DEP YAMB outside TWR HR, are to CTC BN Centre FREQ 134.3 only whilst TAX at YAMB. Otherwise FREQ 121.2 airborne prior to CTA entry to obtain CLR.

RADIO NAVIGATION AND LANDING AIDS

TAC	AMB	112.5/ 72X	273829.5S	1524258.0E	(1)
DME	IAM	110.7/ 44X (RWY15)	273727.4S	1524228.9E	(3)
GP	IAM	330.2 (RWY15)	273727.4S	1524228.9E	
ILS	IAM	110.7 (RWY15)	273859.8S	1524303.4E	(2)
LOC	IAM	110.7 (RWY15)	273859.8S	1524303.4E	

(1) 272/0.23 to ARP. Possible bearing unlocks outside 20TAC in sector R100-R120 due terrain.
(2) ILS Critical Area not protected outside TWR HR.
(3) Antenna ELEV 96FT.

All NAVAIDS Pilot monitored outside TWR HR.

LOCAL TRAFFIC REGULATIONS

1. Where practicable, ACFT should only perform 180DEG turns on the concrete thresholds of RWY 15/33 and RWY 04/22 to preserve RWY grooving.
2. All ACFT must provide their parked APN/PSN to ATC on initial taxi REQ.
3. TWR will not provide the STS of Arrestor Systems with LDG and TKOF CLR when they are in the NML OPR PSN as defined in Physical Characteristics Paragraph 2.
4. Operational Readiness Platform (ORP) WI RWS W of THR RWY 15/33 may contain vehicles or ACFT at any time. ACFT with wingspan of 40.5M (133FT) or less permitted to TKOF and land with either ORP in use. TWR will advise visiting arriving ACFT through the phraseology “Approach and/or departure end ORP in use”. Visiting departing ACFT will be advised when the DEP end ORP is in use.
5. ACFT Parking Position 9 MAX wingspan 64.9M code E ACFT.
6. ACFT Parking Position 10-16 MAX wingspan 52M code D ACFT.

Information may be continued on the next page: PTO

7. On CTAF ACFT must taxi for DEP via TWY A2 and backtrack for RWY 15 or 33. ACFT with multiple antennae must use upper antennae in preference.
8. Due BAK 14 cables on RWY 15/33 recommend OPR be confined BTN cables effective OPR LEN 2,119M (6,953FT).
9. All ACFT must advise ATC if OPR with covert or no LGT for training sorties.

FLIGHT PROCEDURES

1. ARRIVING ACFT:

a. When ACFT parked in RWY 33 ORP, LDG heavy category ACFT to use TEMPO unmarked DTHR of 464M (1,521FT), in line with southern Hookcable Markers.
b. Amberley ground firing ranges WI AMB CTR.
   (i) Purga Range (D648) Active NOTAM, position 141/5.3TAC, radius 1NM vertical limits 0-2,000FT.
   (ii) 25 metres range. Active HJ (S of AD BDRY) radius 150FT, vertical limits 0-400FT.

2. ILS TRAINING - CIV ACFT

Use of the AMB ILS is permitted DRG AMB ATS HR. The FLW conditions apply:

a. Safety Pilot is to be carried in accordance with *CASR 91.720*.
b. Procedures:
   (i) ACFT can expect to be vectored on to FNA;
   (ii) LDG strobe and NAV LGT to be on DRG FNA in VMC;
   (iii) All APP to be terminated via the missed approach unless specifically directed by ATC;
   (iv) PILS to be annotated on flight plan.
c. Availability:
   (i) PILS availability subject to MIL OPS and serviceability;
   (ii) PILS AVBL AH subject to serviceability. ILS critical area not protected AH;
   (iii) AMB ABOC is to approve **all** PILS approach requests including any that may be conducted outside OPR HR.
   (iv) AMB ABOC will notify availability provided request is received at least 48 HR prior via email to: amb.aboc@defence.gov.au. Requests are to include: a. Callsign; b. ACFT Type; c. Time Requested; d. Contact Details.
   (v) Separate arrangements for airline, EMERG services, and CIV ACFT on MIL related tasks are AVBL.

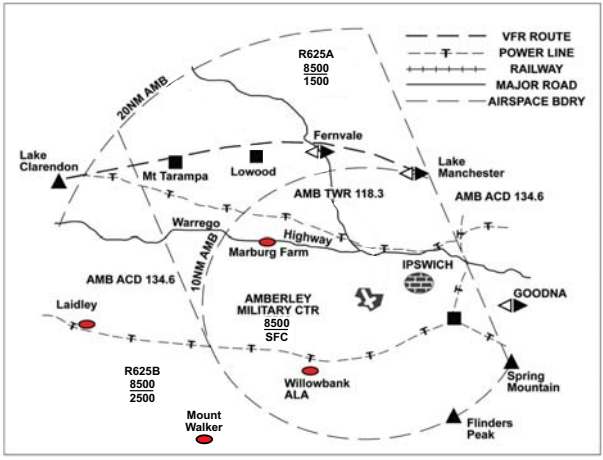
3. SPECIAL PROVISIONS FOR CIV ACFT ON NAT IN AMB CTR:

a. The MIL reserves the right to allocate priority to MIL ACFT. CIV ACFT on NAT may be INTRP or terminated at any time DRG APCH;
b. NML EMERG response SER will be AVBL with no special provisions for CIV ACFT on NAT.

4. TRANSITING AIRCRAFT

VFR aircraft requesting to enter or transit AMB CTR or restricted areas are to contact ACD on 134.6 MHz for AWY clearance. VFR ACFT should submit FPL to reduce delays in processing ACFT. If clearance is not immediately available remain in Class G airspace and, for ACFT departed Archerfield:

a. BTN 205 and 259 DEG M AF, track east of SPRING MOUNTAIN then south of FLINDERS PEAK.
b. BTN 260 and 309 DEG M AF, track via the northern shores of LAKE MANCHESTER, thence the LAKE MANCHESTER VFR route, remaining not ABV 1,500FT AMSL, until clearance becomes AVBL.
c. The LAKE MANCHESTER VFR route is established for VFR transit of R625A.
   (i) Tracking shall be: a track joining the northern shores of Lake Manchester (LMC), Fernvale (FNVL), Lowood, Mt Tarampa and Lake Clarendon (LKON) in either direction.
   (ii) Levels shall be:
   - To remain OCTA, ACFT shall be not ABV 1,500FT AMSL.
   - When cleared by AMB ACD or AMB APP, ACFT may operate as per their clearance.
   (iii) When AMB CTR and R625A ACT, VFR ACFT CTC AMB ACD on 134.6 for CLR to transit R625A prior to LMC westbound and prior to LKON eastbound.



5. CIRCUIT OPERATIONS

All ACFT taxi for OPS confined to the ATZ shall CTC Amberley SMC to pass FLT details and obtain SSR code and AWY CLR.

Circuit OPS at Amberley occur WI the ATZ WI a 5NM radius of Amberley ARP, SFC-1,500FT. Unless ATC direct otherwise, circuits will be conducted as follows:

a. RWY 15 - right circuits
b. RWY 33 - left circuits
c. RWY 04/22 - left circuits

6. HELICOPTER OPERATIONS

Helicopters authorised to conduct circuit training at Amberley are to expect operations to either of the following, not above 500FT AMSL:

a. CHOPPERS EAST: Utilising threshold RWY 22 as a HLS, remaining WI 600M (2,000FT) of threshold RWY 22 and east of a line parallel to RWY 15/33 intersecting threshold RWY 22, not above 500FT AMSL.
b. CHOPPERS WEST: Utilising threshold RWY 04 as a HLS, remaining WI 600M (2,000FT) of threshold RWY 04 and west of a line parallel to RWY 15/33 intersecting threshold RWY 04, not above 500FT AMSL.

Helicopters ARR Amberley may expect landing at Choppers East or West then air transit to parking. Helicopters DEP Amberley may expect air transit to Choppers East or West for DEP.

7. NVG OPERATIONS

Due to HN NVG OPS all RWYS are to be treated as active, regardless of lighting status.

8. NOTIFICATION OF AGRICULTURAL OPERATIONS

Agricultural OPR operating in QLD and NSW, S of Rockhampton and N of Newcastle are encouraged to provide details of their areas of OPS to assist with separation. The sortie details provided will be passed to local units operating FM YAMB. Phone AMB ABOC 07 5361 2888.

9. SURVEY/PHOTOGRAPHY AIRCRAFT

ACFT requesting to conduct survey or photography work within AMB CTA are to email AMB ABOC (amb.aboc@defence.gov.au) a survey map containing at least date(s), time(s), level(s), flight category, and ACFT type and registration. File size should be kept to a minimum, APRX 2MB in size. 48H PN to avoid airborne delays or unavailability.

Information may be continued on the next page: PTO

10. REMOTELY PILOTED AIRCRAFT SYSTEMS (RPAS)

The FLW permanent RPAS areas exist:

a. Model ACFT OPR FM PSN 273736.00S 1524012.00E (BRG 279MAG 2.4NM FM ARP) not above 400FT AGL HJ in VMC. Model ACFT will give way to all ACFT. During ATS HRS notified on ATIS by "Amberley Model ACFT Club ACT." When Amberley ATC ACT, Pilots may request for OPS to be ceased through ATC.

b. Small (less than 25KG) RPA OPR in Marburg Farm area (BRG 296MAG 7NM FM ARP) not above 400FT AGL HJ in VMC. Area is bounded by N of the Warrego Highway, W of Claus Rd, S of Glamorganvale Rd and the line 272942S 1523600E to 273342S 1523536E and the mountain range E of Minden and Lowood. During ATS HRS notified on ATIS and outside TWR HR RPA controller MNT CTAF 118.3, callsign "Unmanned-HAL".

All RPAS requests and enquiries are to be sent to 452sqnamb.rpas@defence.gov.au with at least 10 business days PN. OPS are subject to MIL OPS and may be restricted or cancelled at any time.

11. In the event of an EMERG, ACFT OPR at AMB during CTAF periods are to declare the EMERG on the area RIS FREQ. Additionally when WI 10 NM of AMB, MIL ACFT are to advise details to RFFS watch attendant callsign "Base Fire", on FREQ 118.3.

12. When declaring a PAN outside of promulgated Medical hours, pilots of aircraft which are not scheduled high performance ejection seat aircraft are to specify whether medical services are required.

CTAF - AFRU 118.3

Outside TWR HR.

NOISE ABATEMENT PROCEDURES

The FLW restrictions apply WI the Amberley CTR:

a. High Speed Low Level FLT. No AD attacks or high speed (>350KIAS), low level FLT BLW 1,500FT AGL WI 10NM YAMB without prior approval FM SADFO Amberley or OC 82WG. ACFT are not to overfly the base built-up area BLW 1,500FT AGL at high speed.

b. Pilots are to avoid overflying Ipswich Hospital (055/2.4).

ADDITIONAL INFORMATION

1. Bird and Animal hazard exists on AD H24.
2. Bird and fruit bat hazard may exist in CCT area. Main ACT period one hour prior to and one hour after last light.
3. D645. Military fast jet ACFT may operate VFR for transit BTN R625, M641/R638 and R639. ACFT shall monitor BN CEN FREQ.
4. MIL Radar OPR at PSN BRG 280DEG/2NM FM ARP. Possible avionics interruptions and errors WI 150M of radar site BLW 500FT AMSL.
5. SER vehicles may be OPR on AD.
6. Due to terrain shielding and possible communications limitations, taxiing ACFT and/or ground vehicles at one end of the airfield cannot see or hear ACFT and/or ground vehicles at the other end of the airfield.
7. Fire Section will conduct strip clearances outside ATS HR upon request. CTC CS 'Base Fire' on TWR FREQ 118.3 or Phone 07 5362 1110. Note: Real time emergencies have priority over strip clearances.
8. Caution: Military aircraft operate at high speed, conduct non-standard circuits, and may be difficult to sight. Therefore non-participating pilots should remain clear of military aerodromes by at least 5NM or overfly not below 2,500FT when the tower is inactive.

CHARTS RELATED TO THE AERODROME

1. WAC 3340.
2. MIL Aerodrome Obstruction Chart Type A RWY 15/33: November 2024.
   MIL Aerodrome Obstruction Chart Type A RWY 04/22: November 2024.
3. Also refer to AIP Departure and Approach Procedures.

ANNA CREEK

ELEV 300

FULL NOTAM SERVICE NOT AVBL

SA UTC +9:30 YANK
285350S 1361014E VAR 6 DEG E UNCR
AD OPR The Manager, Anna Creek Station, Coober Pedy, SA, 5723.
Email: annacreek@kidman.com.au. PH 08 8670 7978.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 120.7 6,000FT

CTAF 127.8

CHARTS RELATED TO THE AERODROME

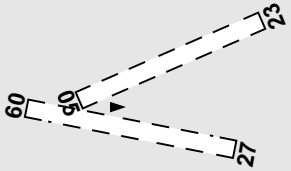
WAC 3354.

AQUILA

ELEV 170

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YAQA
253144S 1523412E VAR 10 DEG E UNCR
AD OPR VFR Developments Pty Ltd, 45 Watson Road, Yengari, QLD, 4650.
Email: vic@goldiegroup.com.au. PH 0447 713 108. ARO 0439 867 131 H24.
Website: www.aquilaestate.com.au.



REMARKS

1. PPR. Private aerodrome for Aquila Airpark residents and invited guests only.
2. HJ only.
3. All airfield users must complete aerodrome induction circuit and ground procedures document prior to arrival.
4. Landing and parking fees apply for non-residents. Refer to website.
5. Use of the secondary runway shall be in accordance with Local Traffic Regulations and PPR applicable to Aquila Airpark.
6. Phone ahead for landing details and pilot guide information.
7. Fixed and rotary wing operations permitted.

PHYSICAL CHARACTERISTICS

05/23	28a/c	1500 kg Unrated. Grass. Centre 10M sealed. RWY LEN 840M. RWY 05 DTHR 50M. RWY 23 DTHR 130M.	WID 35
09/27	23c	1500 kg Unrated. Grass. RWY LEN 700M. RWY 27 DTHR 160M.	WID 30

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 124.6

LOCAL TRAFFIC REGULATIONS

1. RWY 23 preferred for departures.
2. If the wind is BLW 5KT and variable, RWY 05/23 must be used for all operations. Wind ABV 5KT, operate from the first operationally acceptable runway in the following order:
   a. RWY 05/23
   b. RWY 09/27 when no other RWY is operationally acceptable.
3. The following aircraft categories are prohibited from operations on grass RWY 09/27 unless in an emergency or the cross wind on RWY 05/23 exceeds the aircraft or pilot limits:
   a. rotary, multi-rotor, gyroplane and
   b. multi-engine.

Information may be continued on the next page: PTO

4. RWY 09/27 shall be used only for DEP or ARR ACFT. Circuit operations prohibited on RWY 09/27.
5. Carriage and use of radio is required by the AD OPR.
6. Only light category ACFT with MTOW 5,670KG permitted RWY 05/23.
7. Maximum ACFT weight on the grass RWY 09/27 is MTOW 1,500KG.

CTAF 126.55

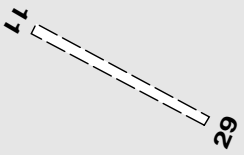
CHARTS RELATED TO THE AERODROME

WAC 3340.

ARAMAC

ELEV 760

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YAMC
225734S	1451509E	VAR 8 DEG E	UNCR

AD OPR Barcaldine Regional Council, PO Box 65, Aramac, QLD, 4726. PH 07 4652 9900. ARO 0428 513 190.

PHYSICAL CHARACTERISTICS

RWY SFC: Sealed aggregate, a 2.3M security fence to the full perimeter of the AD.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.1 3000FT

CTAF 126.7

ADDITIONAL INFORMATION

CAUTION: Kangaroos on movement area.

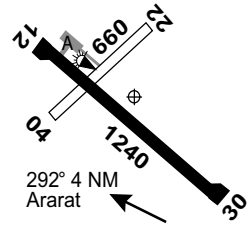
CHARTS RELATED TO THE AERODROME

WAC 3234.

ARARAT

ELEV 1008

AVFAX CODE 3007



VIC		UTC +10	YARA
371834S	1425919E	VAR 11 DEG E	CERT

AD OPR Ararat Rural City Council, PO Box 246, Ararat, VIC, 3377. PH 03 5355 0905. Mobile 0448 503 365.

AERODROME OBSTACLES

1. Unlit tower 1,905FT AMSL BRG 287 DEG MAG 4.9NM FM 12 RWS end
2. Lit tower 115FT AGL PSN 371822.2S 1425913.2E.

PHYSICAL CHARACTERISTICS

04/22	044	22c	Unrated. Grass	WID 30	RWS 90
12/30	115	41a	Unrated.	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 12/30 LIRL PAL 123.4

RWY edge light spacing: 12/30: 95M.

OTHER LIGHTING

TWY LGT: Not specified.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	126.8 Circuit area

CTAF 126.7

ADDITIONAL INFORMATION

1. Gliding OPS HJ. Gliders OPR WI RWS. Winch and wire launching. RWY 04/22 will be closed during winch launching (closure designated by white crosses in line with the MOS).
2. Model ACFT OPR WI 1,000M RAD of ARP up to 2,000FT AGL. OPR will MNT CTAF 126.7. OPR PH 0417 514 438.

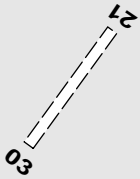
CHARTS RELATED TO THE AERODROME

WAC 3469.

ARKAROOLA

ELEV 800

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YARK
302423S 1392048E VAR 7 DEG E UNCR
AD OPR Arkaroola Wildlife Sanctuary, Private Bag 106, Port Augusta, SA, 5700. PH 08 8648 4848. Fax 08 8648 4846.

REMARKS

1. PPR for all OPS.
2. HJ OPS only.

HANDLING SERVICES AND FACILITIES

AVGAS AVBL with PN to AD OPR.

PASSENGER FACILITIES

Nil mobile phone coverage, use UHF radio on channel 8 duplex for communication with Arkaroola Village. Instructions inside enclosure on S side of NE grey shed.
Transport AVBL on 126.4 FM Sanctuary.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	121.2 5000FT

FLIGHT PROCEDURES

1. Right hand circuits required when OPR on RWY 03 due W inner HZS infringed.
2. No circling to W of ALA.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

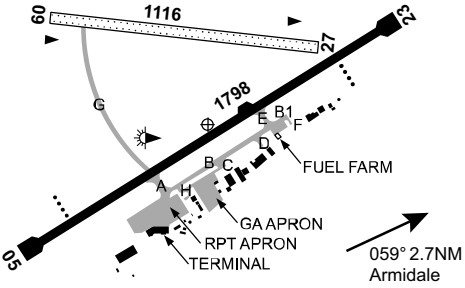
WAC 3355.

ARMIDALE

ELEV 3556

AVFAX CODE 2026

NSW UTC +10 YARM
303141S 1513702E VAR 12 DEG E CERT
AD OPR Armidale Regional Council, PO Box 75A, Armidale, NSW, 2350.
Email: airport@armidale.nsw.gov.au. PH 1300 136 833 (H24). ARO 0412 513 093 (calls only).



Information may be continued on the next page: PTO

REMARKS

1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport. All pilots and operators are required to possess and display a current ASIC when airside, including all GA areas. Passengers are to be escorted at all times. To re-enter airside, find gate code under flap on airside of exit gates.

HANDLING SERVICES AND FACILITIES

VIVA: Armidale Airport Services 0900-1700 Local MON-FRI, AH call-out fee will apply outside normal HR and on PH. 2HR PN RQ. Phone 0427 399 690. JET A1 only. VIVA Fuel2Sky, Carnet card and credit cards (V and MC).
Superair: JET A1, AVGAS. Fuel bowser H24, credit card (V and MC) and debit card. Cash not accepted. Phone 0409 325 238.

PASSENGER FACILITIES

LG/WC/RF/TX (02 6771 1455)/ME (Superair 02 6772 5055).

APRONS AND TAXIWAYS

RPT APN Bays 1 - 5 slope may exceed 2%.

AERODROME OBSTACLES

1. Communication towers, lit:
   a. 3,865FT AMSL BRG 102 DEG MAG 1.95NM FM ARP. Infringes inner HZS by 173.88FT.
   b. 3,899FT AMSL BRG 111 DEG MAG 1.99NM FM ARP. Infringes inner HZS by 208.01FT.
   c. 3,916FT AMSL BRG 111 DEG MAG 2.02NM FM ARP. Infringes inner HZS by 224.73FT.
2. Communication towers, unlit:
   a. 3,816FT AMSL BRG 102 DEG MAG 1.95NM FM ARP. Infringes inner HZS by 124.67FT.
   b. 3,880FT AMSL BRG 111 DEG MAG 2.01NM FM ARP. Infringes inner HZS by 189.30FT.
   c. 3,837FT AMSL BRG 111 DEG MAG 2.02NM FM ARP. Infringes inner HZS by 145.66FT.
3. TWR, lit 3,865FT AMSL BRG 106 DEG MAG 2.03NM FM ARP. Infringes inner HZS by 174.50FT.
4. ACFT parked on Bays 5 and 7 may infringe the OLS transitional surface.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 02 9353 6401 - Report faults to BoM.
3. AWIS FREQ 134.75 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	047	59a	PCR 190/F/D/1.57 MPa/T	WID 30	RWS 150
09/27	085	37c	Unrated. Grassed gravel	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 05/23	MIRL	AFRU+PAL 127.5		SDBY PWR AVBL
RWY 05/23	RTIL	AFRU+PAL 127.5		SDBY PWR AVBL
RWY 05	PAPI	AFRU+PAL 127.5	3.0 DEG47FT	SDBY PWR AVBL
RWY 23	PAPI	AFRU+PAL 127.5	3.0 DEG46FT	SDBY PWR AVBL

1. RWY edge light spacing: 05/23: 60M.
2. Highway lighting to the east of and running parallel to RWY 05/23 may be mistaken for RWY. Confirm RWY identification by RWY markings/lights/RTIL.

OTHER LIGHTING

1. Secondary PWR switchover time: 25 SEC.
2. TWY LGT: Blue edge.
3. RWY 23 starter extension lighting:
   a. Edge - blue.
   b. RWY end - red/blue.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	125.75 On ground

RADIO NAVIGATION AND LANDING AIDS

DME	ARM	112.6/ 73X	303139.8S	1513655.4E		(1)
NDB	ARM	401	303138.3S	1513654.1E	Range 35 (HN 35)	

(1) Antenna ELEV 3559FT.

LOCAL TRAFFIC REGULATIONS

1. Bays 4,5,6 and 7 are a Security Restricted Area. Access for non-RPT OPS by permission of the AD OPR. Bays 1-3 for GA and AEROMED use.
2. Non-resident and itinerant operators should contact the ARO before using RWY 09/27 for the latest runway condition report. All operators remain responsible for assessing RWY 09/27 condition and its suitability for intended operations.
3. All ACFT ABV 5,000KG MTOW must use RWY end turning nodes.

CTAF - AFRU 127.5

ADDITIONAL INFORMATION

ACFT at opposite ends of RWY 05/23 may be out of sight from each other.

CHARTS RELATED TO THE AERODROME

1. WAC 3357.
2. Also refer to AIP Departure and Approach Procedures.

ARRABURY

ELEV 334

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YARY
264126S	1410250E	VAR 7 DEG E	UNCR

AD OPR Arrabury Pastoral Company, Mt Leonard Station via Windorah, QLD, 4481. PH 07 4656 4949. ARO 07 4655 4321.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	118.8 5500FT

CTAF 126.7

CHARTS RELATED TO THE AERODROME

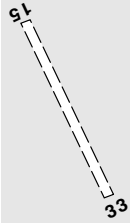
WAC 3342.

ATHERTON

ELEV 2460

AVFAX CODE 4530

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YATN
171543S	1453052E	VAR 7 DEG E	UNCR

AD OPR Tablelands Regional Council, PO Box 573, Atherton, QLD, 4883. Email: aerodromes@trc.qld.gov.au. PH 1300 362 242.

HANDLING SERVICES AND FACILITIES

Fuel supplied by IOR Aviation Pty Ltd. AVGAS 100LL AVBL H24 self-service bowser. Payment via IOR Aviation tag for account holders or via the Fuelcharge APP.

PASSENGER FACILITIES

WC.

PHYSICAL CHARACTERISTICS

RWY 15/33 - grass runway.

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING
No permanent fixed lighting. Emergency lighting may be available upon request. CTC ARO for further information.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA	CAIRNS APPROACH	126.1 Circuit area

FLIGHT PROCEDURES
1. Right hand CCTS RWY 33.
2. ACFT DEP Atherton for Cairns that have obtained a Landing Slot Time FM ATC will be processed more expeditiously.

CTAF 126.7

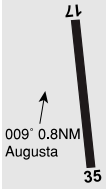
ADDITIONAL INFORMATION
1. Agricultural OPS WI 10NM RAD up to 500FT AGL.
2. Ultralight OPS from unmarked PVT airfields WI 5NM.
3. Bird and animal hazard exists.
4. Extreme pilot caution advised during periods of wet weather as runway surface can become soft and hazardous.
5. For information relating to current conditions contact ARO.

CHARTS RELATED TO THE AERODROME
1. WAC 3219.
2. Also refer to AIP Departure and Approach Procedures.

AUGUSTA

ELEV 120

FULL NOTAM SERVICE NOT AVBL



WA		UTC +8	YAUG
341948S	1150924E	VAR 3 DEG W	UNCR

AD OPR Shire of Augusta-Margaret River, PO Box 61, Margaret River, WA, 6285.
Email: worksmaintenance@amrshire.wa.gov.au: amrshire@amrshire.wa.gov.au.
ARO 08 9780 5642: 0460 419 183. Council PH 08 9780 5255.

REMARKS
Night OPS not AVBL.

PASSENGER FACILITIES
PT.

AERODROME AND APPROACH LIGHTING
PAL lighting is 119.65. PPR, contact ARO by PH or email. All NGT landings must have Council approval.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA	MELBOURNE CENTRE	124.9 Circuit Area

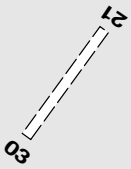
CTAF 132.25

CHARTS RELATED TO THE AERODROME
WAC 3462.

AUGUSTUS DOWNS

ELEV 150

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YAGD
183056S 1395243E VAR 5 DEG E UNCR
AD OPR Stanbroke Pastoral Co, Via Mount Isa, QLD, 4825. PH 07 4748 5505. Fax 07 4748 5568.

REMARKS

Private airfield - EMERG use only.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.7 8000FT

CTAF 126.7

ADDITIONAL INFORMATION

Animal hazard exists.

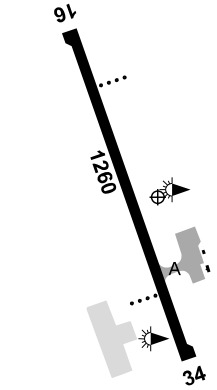
CHARTS RELATED TO THE AERODROME

WAC 3220.

AURUKUN

ELEV 29

AVFAX CODE 4508



QLD UTC +10 YAUR
132114S 1414315E VAR 5 DEG E CERT
AD OPR Aurukun Shire Council, Aurukun, QLD, 4892.
Email: airport@aurukun.qld.gov.au. PH 07 4060 6826 (2200-0700 UTC). ARO 0428 743 874 (H24).
Website: www.aurukun.qld.gov.au.

REMARKS

1. 24HR PPR for itinerant ACFT ABV 5,700KG MTOW and all pavement concessions
2. Alcohol is restricted within the Aurukun Shire and heavy penalties apply. Special provisions may apply to alcohol being transported on consignment and restrictions may vary from time to time. Further information is AVBL online: www.qld.gov.au/firstnations/health-staying-active/alcohol-smoking-drugs/community-alcohol-restrictions/remote-discrete-communities/aurukun, or phone 137 468.
3. AD charges: all ACFT except RFDS and Defence Force. Current fees AVBL FM website.

PASSENGER FACILITIES

LG/WC AVBL WI 1-2 HR of SKED OPS. Free WIFI and 4G MOB reception AVBL H24.

APRONS AND TAXIWAYS

1. TWY A Code C WID 18M bitumen seal.
2. APN bitumen seal.

AERODROME OBSTACLES

1. Unlit mast 223FT AMSL BRG 095 MAG 0.72NM FM ARP.
2. Trees:
   a. 99FT AMSL 346 MAG 446M FM ARP infringes TNS by 7FT.
   b. 93FT AMSL 318 MAG 500M FM ARP infringes TNS by 15FT.
   c. 101FT AMSL 193 MAG 445M FM ARP infringes TNS by 8FT.

PHYSICAL CHARACTERISTICS

16/34 156 41a Unrated. Sealed. WID 30 RWS 90

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING

RWY 16/34	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL
RWY 16/34	PAPI(2)	AFRU+PAL 126.7	3.0 DEG40FT	SDBY PWR AVBL
RWY 16/34	PTBL(1)			BY PRIOR ARRANGEMENT

(1) EMERG only. 2HR PN.
(2) Left side.
RWY edge light spacing: 60M (white).

OTHER LIGHTING

1. SDBY PWR switchover time: 60 SEC.
2. TWY LGT: blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.1 Circuit area

LOCAL TRAFFIC REGULATIONS

1. All ACFT must perform MAX RAD MNM speed turns at turn pads only to avoid RWY SFC damage.
2. Bays 1 and 2 marked DH8C and reserved for RPT ACFT during SKED OPS.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Bird hazard exists RWY 16/34 and in VCY of AD (typically magpie-lark, cockatoo, galah, nankeen kestrel). Soaring kites sighted on occasion, APRX BRG 160 DEG MAG 800M FM SOT RWY 34 (ABV cemetery). ARO will conduct wildlife inspections immediately prior to arrival of SKED ACFT. Additional inspections AVBL on request, CTC ARO (call-out fee may apply).

CHARTS RELATED TO THE AERODROME

1. WAC 3112.
2. Also refer to AIP Departure and Approach Procedures.

AUST AGE OF DINOSAURS MUSEUM

ELEV 886
FULL NOTAM SERVICE NOT AVBL

QLD		UTC +10	YAOD
222848S	1431057E	VAR 7 DEG E	UNCR

AD OPR Elite Aviation Services, PO Box 317, Winton, QLD, 4735.
Email: hylton@eliteaviationservices.com.au. PH 0467 735 483.

REMARKS

1. AD charges - nil.
2. PPR FM Australian Age of Dinosaurs, PH 07 4657 0078.

PHYSICAL CHARACTERISTICS

The HLS is situated on an escarpment on the Vindex Range and is located 10NM SE of the Winton AD. The HLS is situated 90M S of the Australia Age of Dinosaurs reception area.
Gravel safety area, 26M diameter and a concrete FATO of 13M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.1 6500FT

FLIGHT PROCEDURES

1. Two APCH and DEP AVBL from/to the E and W.
2. Do not overfly the Australian Age of Dinosaurs buildings or carpark.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

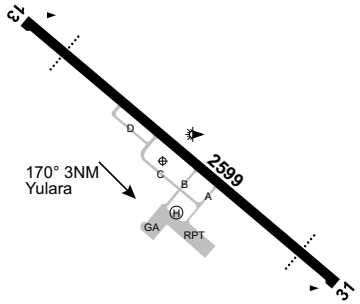
WAC 3233.

AYERS ROCK/CONNELLAN ELEV 1626

AVFAX CODE 8502

NT UTC +9:30 YAYE
251110S 1305832E VAR 4 DEG E CERT

AD OPR Voyages Tourism Australia Pty Ltd, Airport Manager, Ayers Rock Airport, PO Box 125, Yulara, NT, 0872. Email: airport@voyages.com.au. PH Airport Operations 08 8956 2020 H24. Website: www.ayersrockairport.com.au.



REMARKS

1. PPR from AD OPR via email:
   a. 5 days PN for ACFT with an ACR at MAX OPR weight greater than PCR or tyre pressure greater than listed value.
   b. 2 days for all other ACFT.
   c. for HEL auto-rotation training onto sealed surfaces.
2. AD charges: All ACFT – CTC AD OPR.
3. Direct INTL flights to/from AD not approved.
4. Limited PRKG for ACFT. CTC AD OPR by email for parking slots 48HR PN required.
   a. GA Apron Bay 10 RESTR to RFDS PC-12 ACFT only.
   b. Administration fees apply for landing and parking slots required. without 48HR PN (EMERG exempt).
5. All ACFT confine OPS to sealed surfaces.
6. This AD is a Security Controlled Airport. All pilots and operators must possess and display a valid AUS/AYQ ASIC when airside.
7. AH airside access requires a call-out. PH 0428 881 325, call-out fees apply.

HANDLING SERVICES AND FACILITIES

Viva Energy/Air BP (JV) – Skyfuel Australia Pty Ltd. 2130-0730 UTC (0700-1700 ACST). AH call-out fee applies. Phone: 0417 632 763 (primary) or 0418 862 100 (secondary). Email: yulara@skyfuel.com.au. JET A1 tanker, AVGAS card swipe bowsers – V, MC, Viva Fuel2Sky or BP Card.

General

The AD OPR does not provide ACFT marshalling services. All requests for ACFT marshalling should be directed to the airlines or a FBO.

PASSENGER FACILITIES

PT/HC/BU/LG/RF/WC

RESCUE AND FIREFIGHTING SERVICES

1. CAT 6 OPR HR;
   a. MON - FRI 2230-0730 UTC.
   b. SAT and SUN 2300-0730 UTC.
2. 131.0 MHz AVBL HO.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS Phone 08 7922 2516 - Report faults to BoM.
3. AWIS FREQ 126.55 not AVBL outside CA/GRS HR - Phone BoM for current weather.

Information may be continued on the next page: PTO

PHYSICAL CHARACTERISTICS

13/31 126 85a PCR 377/F/A/1.39 MPa/T Grooved WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 13/31	LIRL	AFRU+PAL 126.9		SDBY PWR AVBL
RWY 13/31	PAPI	AFRU+PAL 126.9	3.0 DEG54FT	SDBY PWR AVBL

RWY 13/31 edge light spacing: 60M.

OTHER LIGHTING

1. TWY LGT: Blue edge on TWY A and C.
2. APN LGT: Blue edge on RPT APN.
3. Secondary PWR switchover time: 10 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	121.85 On ground
CA/GRS	AYERS ROCK RADIO	126.9 (1)

(1) a. Provided on CTAF 126.9 during Air Transport Operation (ATO) OPR BTN 0815 – 1545 Local (2245 – 0615 UTC).
b. CA/GRS OPR HRS may be reduced if published SKED ATO have been completed, or extended for AH ATO HJ.
c. PAPI activated by CA/GRS during OPR HR.
d. CTAF/AFRU 126.9 provided when CA/GRS not AVBL.
e. AAIS provided during CA/GRS operation 126.55.
f. CA/GRS responds to first broadcast of arriving, transiting or departing ACFT.
g. CA/GRS unable to cancel SARWATCH. Contact FIA 121.85 on ground.

RADIO NAVIGATION AND LANDING AIDS

DME	AYE	117.1/118X	251017.3S	1305829.2E		(1)
NDB	AYE	233	251021.7S	1305829.3E	Range 100	(2)

(1) Antenna ELEV 1621FT.
(2) 173/0.8 to ARP.

LOCAL TRAFFIC REGULATIONS

1. ACFT ABV 22,700KG must use RWY turn pads for 180DEG turns.
2. Sealed TWY B and D only AVBL to ACFT BLW 5,700KG MTOW.
3. Parking restrictions apply at Ayers Rock Airport. ACFT with a wingspan greater than 15M may operate with prior approval from AD OPR. GA apron only AVBL to ACFT BLW 5,700KG MTOW with a wingspan not exceeding 15M.
4. RPT Bays 5 and 5A cannot be occupied simultaneously unless authorised by AD OPR.
5. Pilots of all jet and turboprop ACFT are required to apply MNM power on all engines when departing from parking Bays 1-5 on RPT apron. Also on taxiing to prevent erosion of soft TWY shoulders.
6. Pilots of HEL should hover TAX from or to parking from the FATO.
7. HEL not permitted to land/take off directly from GA/RPT aprons unless OPR on approved helipads.
8. HEL OPS ABV 5,700KG MTOW to be coordinated with the AD OPR.
9. To avoid confusion, pilots should refer to the aerodrome as “Ayers Rock” or “Ayers Rock Aerodrome” and should refer to the Rock itself (the icon) as “The Rock”.

FLIGHT PROCEDURES

1. Pilots of arriving ACFT shall broadcast on the CTAF at 20NM YAYE.
2. Pilots of arriving ACFT are requested to broadcast their intended RWY for landing and the planned circuit entry procedure with the inbound broadcast.
3. Pilots of outbound ACFT shall monitor the CTAF until 20NM YAYE or WI CTA.
4. Non-residential pilots wishing to visit Ayers Rock/Connellan are advised to call the CA/GRS to gain an awareness of local patterns, busy periods and local weather info. Contact CA/GRS on 08 8956 3668.
5. Right hand circuits RWY 31.
6. Low VIS TKOF less than 800M are not supported.
7. STANDARD SCENIC FLIGHT PROCEDURES - See ERSA Special Procedures.

CTAF - AFRU 126.9

ADDITIONAL INFORMATION

1. Bird and animal hazard exists. Confirmed hazards advised via NOTAM.
2. Hazardous conditions exist for light ACFT when LDG on RWY 13 with an E crosswind, due to close proximity of sand dunes alongside the RWS at the N end. Windshear in both speed and direction can exist. To minimise the hazard pilots should aim to achieve touch down either in the first 400 of the RWY or beyond 800 FM the THR. Pilots should also be aware that dust devils are prevalent around the AD throughout the year.
3. Delicensed AD 2 KM NE of Ayers Rock has ceased to exist as a LDG area.
4. Motor Gliders with wing span greater than 15M required to give airport 72HR notice to arrange parking, and should also fold wings prior to entering the GA APN and parking area.
5. UA OPS (swarm BLW 500G each) will take place OPR WI 250M radius of PSN 251551S 1305857E, SFC to 656FT AGL. OPR will monitor CTAF. OPR CTC PH: 0423 616 440.

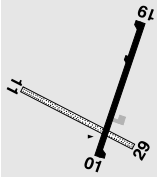
CHARTS RELATED TO THE AERODROME

1. WAC 3344.
2. Aerodrome Obstruction Chart Type A: RWY 13/31 September 2012.
3. Also refer to AIP Departure and Approach Procedures.

AYR

ELEV 40

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YAYR
193547S 1471929E VAR 7 DEG E UNCR
AD OPR Burdekin Shire Council, PO Box 974, Ayr, QLD, 4807.
Email: burdekinsc@burdekin.qld.gov.au. PH 07 4783 9800. Fax 07 4783 9999.

HANDLING SERVICES AND FACILITIES

AVGAS AVBL H24 FM a self-service fuel dispenser. Credit cards accepted.

PHYSICAL CHARACTERISTICS

01/19 Sealed - bitumen, Length: 1,462M.
11/29 Grass, Length: 1,127M.

AERODROME AND APPROACH LIGHTING

Solar LGT on RWY 01/19 only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	120.55 3,000FT

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3219.

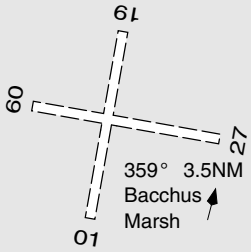
Information may be continued on the next page: PTO

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BACCHUS MARSH

ELEV 520

FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YBSS
374400S 1442520E VAR 12 DEG E UNCR
AD OPR Bacchus Marsh Aerodrome Management Inc, PO Box 375, Bacchus Marsh, VIC, 3340. ARO 0439 391 257 or 0407 539 041. Website: www.ybss.com.au.

REMARKS

1. PPR all ACFT - Phone ARO.
2. All ACFT - Refer website for charges and conditions of use.

HANDLING SERVICES AND FACILITIES

IOR Aviation Pty Ltd. JET A1 and AVGAS 100LL AVBL H24 self-serve bowser. Payment via IOR tag or Fuelcharge APP.
TVSA pilot training: AVGAS 100LL 24HR credit card swipe facility. Phone 03 5369 5162.

PHYSICAL CHARACTERISTICS

01/19	51a	Unrated. RWY LEN 1,554M.	WID 18	RWS 150
09/27	50a	Unrated. RWY LEN 1,525M.	WID 18	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 01/19 LIRL PAL 120.0
RWY edge light spacing: 01/19: 60M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 135.7

LOCAL TRAFFIC REGULATIONS

1. Carriage and use of radio is required by AD OPR.
2. Non-Bacchus Marsh operators require approval for night training on each occasion.

FLIGHT PROCEDURES

1. Right hand circuits required when operating on RWY 01 HN, due to terrain to the west affecting night circuit operations.
2. Circuit operations not permitted between 2230–0700 Local.
3. Maximum of four aircraft permitted to conduct night circuits simultaneously.
4. All powered ACFT and gliders should broadcast when turning onto base leg.
5. If wind is BLW 5KT and variable, RWY 19 or 27 must be used by all ACFT. Wind ABV 5KT, operate on the most into wind RWY.
6. The following also apply when gliding operations are in progress:
   a. The duty RWY is the RWY in use by the gliding operation.
   b. Gliders and tugs operate from the grass on side of the duty RWY short of the displaced threshold. Other ACFT should land beyond the displaced threshold.
   c. All powered ACFT except tugs should commence take-off from the displaced threshold unless operationally required.
   d. If use of the full runway length is required, the pilot must coordinate with the gliding operation on the CTAF prior to take-off.
   e. Helicopters must follow the standard aeroplane circuit pattern and operate to or beyond the displaced threshold.
   f. Straight-in approaches or joining circuit on base leg are NOT recommended.
   g. Overflying the AD should be avoided. If operationally necessary, overfly as high as practicable.

CTAF 132.25

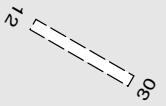
ADDITIONAL INFORMATION

1. Gliding OPS HJ - Aerotow and winch launched. Gliders and tugs normally operate inside and below standard 1,000FT circuit.
2. Wildlife hazard (kangaroos) exists at various times, mostly dawn and dusk.

Information may be continued on the next page: PTO

CHARTS RELATED TO THE AERODROME
WAC 3469, 3470.

BADU ISLAND
ELEV 45
FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YBAU
100900S 1421027E VAR 4 DEG E UNCR
AD OPR Torres Strait Island Regional Council, PO Box 7336, Cairns, QLD, 4870. PH 07 4034 5700. ARO 0429 537 202 (H24).

REMARKS
RESTRICTED OPS: PPR from AD OPR.

AERODROME OBSTACLES
1. RWY 12/30 transitional SFC infringed by trees on both side of RWY.
2. Inner HZS infringed by hill W of AD. OBST light not provided.

PHYSICAL CHARACTERISTICS
12/30 Unrated. Sealed.

AERODROME AND APPROACH LIGHTING
RWY 12/30 LIRL(1) PAL 120.6
(1) AD Lighting for EMERG Helicopter OPS only.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 120.3 Circuit area

FLIGHT PROCEDURES
For special procedures which apply to Torres Strait biosecurity requirements, see ERSA GEN - SPECIAL PROCEDURES.

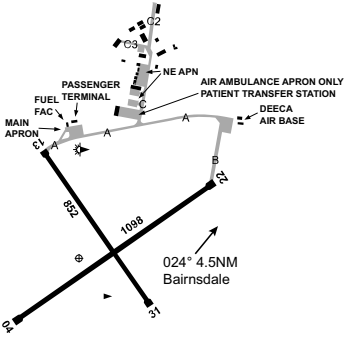
CTAF 126.5

CHARTS RELATED TO THE AERODROME
WAC 3097.

BAIRNSDALE
ELEV 165

AVFAX CODE 3019

VIC UTC +10 YBNS
375315S 1473404E VAR 13 DEG E CERT
AD OPR East Gippsland Shire Council, PO Box 1618, Bairnsdale, VIC, 3875. ARO 0472 796 779: Backup 0438 497 697: Backup (AH) 0447 132 980.
Website: www.eastgippsland.vic.gov.au/building-and-development/aerodromes.



REMARKS
CTC ARO for pin coded gate:
a. FM APN to terminal; and
b. FM secondary APN to landside.

HANDLING SERVICES AND FACILITIES
H24 World Fuel Services AVGAS and JET A1 self-service bowsers. WFS carnet card, V and MC via Compac smartphone APP. TEL 0428 324 731. CCTV monitoring fuel facility.

PASSENGER FACILITIES
AC/RF/WC/LG (H24 CCTV). TX/HC not readily AVBL, CTC details on LG notice board.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT C, METAR/SPECI.
2. AWIS PH 03 8470 3201 - Report faults to BoM.
3. AWIS FREQ 133.725 (Requires one-second pulse to activate). AWIS will transmit for 90 SEC - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

04/22	042	36a	PCR 40/F/D/0.55 MPa/T Sealed	WID 18	RWS 90
13/31	132	28a	PCR 40/F/D/0.55 MPa/T Sealed	WID 18	RWS 80

AERODROME AND APPROACH LIGHTING
RWY 04/22 LIRL PAL+AA 123.9 SDBY PWR AVBL
RWY 04/22 edge light spacing: 60M.

OTHER LIGHTING
1. SDBY PWR switchover time: 5 SEC.
2. TWY LGT: Blue edge. Activation by PAL 123.9.
3. Northern half of RWY 13 after RWY intersection, TWY LGT only no RWY LGT for night OPS.
4. TWY LGT only AVBL on TWY A, B and the southern-most 50M of TWY C.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 124.0 On ground (dependent on ACFT location)

LOCAL TRAFFIC REGULATIONS
1. All overnight parking, CTC ARO.
2. In ground tie down points AVBL at secondary APN, CTC ARO for INFO.
3. HEL parking, CTC ARO.
4. RWS not prepared for TKOF and landings.

CTAF 126.7

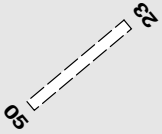
ADDITIONAL INFORMATION
1. Ultralight ACFT OPS at AD.
2. Bird hazard may exist WI VCY of AD.
3. Model ACFT OPR WI 1,000M RAD of PSN 375630.00S 1473200.00E BRG 192 MAG 3.7NM FM ARP SFC to 1,500FT AGL.
4. Increased HEL OPS during summer season for fire EMERG.
5. ACFT OPR above published physical characteristics, CTC ARO for pavement concession.

CHARTS RELATED TO THE AERODROME
1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

BALCANOONA

ELEV 474

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YBLC
303204S 1392016E VAR 7 DEG E UNCR
AD OPR Arkaroola Wildlife Sanctuary, Private Bag 106, Port Augusta, SA, 5700. PH 08 8648 4848. Fax 08 8648 4846.

HANDLING SERVICES AND FACILITIES
Fuel not AVBL. AVGAS AVBL 9NM to the north at Arkaroola Airstrip with PN.

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING
Solar Lighting RWY 05/23 H24.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 121.2 5000FT

LOCAL TRAFFIC REGULATIONS
Wet WX OPS - Confine OPS to RWY central 23M, TWY and APN areas.

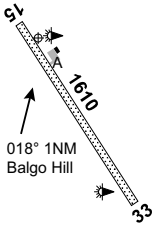
CTAF 126.7

ADDITIONAL INFORMATION
Kangaroo Hazard Exists.

CHARTS RELATED TO THE AERODROME
WAC 3355.

BALGO HILL — ELEV 1440

AVFAX CODE 8301



WA UTC +8 YBGO
200854S 1275826E VAR 3 DEG E CERT
AD OPR Wirrimanu Aboriginal Community, PMB 7, Balgo Community, via Halls Creek, WA, 6770. Email: office@wirrimanu.org.au. PH Wirrimanu Office 08 9168 8900. ARO 0418 635 621. Community CEO 0402 418 748. Fax 08 9168 8950.

REMARKS
1. AD Charges: All ACFT $20.00/Tonne. MNM $20.00.
2. ACFT with more than 10 seats are required to contact AD OPR 2HR prior to ARR for RWY inspection.

PASSENGER FACILITIES
Telstra mobile service AVBL.

PHYSICAL CHARACTERISTICS
15/33 144 53c Unrated. Gravel WID 30 RWS 90

AERODROME AND APPROACH LIGHTING
RWY 15/33 LIRL(1) PAL 129.1
(1) For emergency use and RFDS and Police night OPS only.

OTHER LIGHTING
TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 118.9 On ground

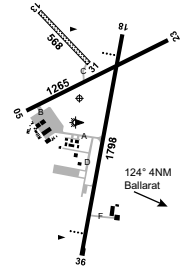
CTAF 126.7

CHARTS RELATED TO THE AERODROME
1. WAC 3231.
2. Also refer to AIP Departure and Approach Procedures.

BALLARAT

ELEV 1433

AVFAX CODE 3011



VIC UTC +10 YBLT
373042S 1434728E VAR 11 DEG E CERT
AD OPR City of Ballarat, Sturt Street, Ballarat, VIC, 3350. PH 03 5320 5500.

REMARKS

1. AD restricted to ACFT BLW 5,700KG.
2. ACFT ABV 5,700KG and/or 450kPa tyre pressure must contact AD OPR for approval - Phone 0437 771 644 or 0418 137 784.
3. Ballarat is a high density Training Aerodrome.
4. AD fees apply - refer to City of Ballarat website for details.

HANDLING SERVICES AND FACILITIES

BP: Ballarat Aviation Group: 2300-0730 UTC DLY. 2 HR PN, Phone 0438 508 576. Call-out fee $40. Credit cards and BP Carnet (H24) AVBL. AVGAS, O125.
Field Air: Phone 03 5330 9330, AH 0437 348 124. Credit card (MC and VISA only) AVBL (H24). JET A1 facility located W of TWY B.

APRONS AND TAXIWAYS

TWY D MAX wing span 15M (Code A).

AERODROME OBSTACLES

1. Towers 1,675FT AMSL, 3,450M SSW of ARP.
2. RWY 05 S side transitional SFC infringed by tower and aerial.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 03 8470 3202 - Report faults to BoM.
3. AWIS FREQ 134.05 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	051	42a	PCR 50/F/C/0.45 MPa/T	WID 30	RWS 90
13/31	123	19c	Unrated. Grass	WID 30	RWS 90
18/36	178	59a	PCR 50/F/C/0.45 MPa/T	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 18/36	LIRL(1)	AFRU+PAL 127.75	
RWY 18	PAPI(2)	AFRU+PAL 127.75	3.0 DEG29.5FT
RWY 36	PAPI(3)	AFRU+PAL 127.75	3.0 DEG29.5FT

(1) HN.
(2) Right side.
(3) Left side.
RWY edge light spacing: 18/36: 60M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	126.8 2000FT

LOCAL TRAFFIC REGULATIONS

1. Circuit training not permitted BTN 2300-0600 Local.
2. RWY gradients may inhibit visibility from all thresholds and pilots must confirm that both RWYs are clear before landing or takeoff.
3. Visiting ACFT are not to conduct circuit training at any time.

Information may be continued on the next page: PTO

FLIGHT PROCEDURES

1. Right hand CCTS RQ when OPR on RWY 18 or RWY 13.
2. Training flights conducting practice instrument approach should add 1,000FT to all the ALT prescribed in the approach to reduce noise nuisance and interference with circuit traffic. Such flights should BCST their intentions, including ALT limit of OPS when turning inbound. IMC flights should remain as high as practicable when encountering VMC and join the circuit in the standard manner.

CTAF - AFRU 127.75

ADDITIONAL INFORMATION

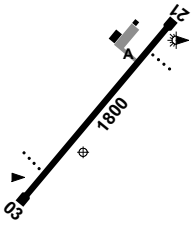
1. Bird hazard exists.
2. Possible high ab initio training 0700-2300 Local.
3. Model ACFT OPR HJ WI 1,000M RAD of Burrumbeet Racecourse PSN 372944S 1434014E BRG 269 MAG 5.85NM FM ARP SFC to 3,000FT AMSL.

CHARTS RELATED TO THE AERODROME

1. WAC 3469.
2. Also refer to AIP Departure and Approach Procedures.

BALLERA — ELEV 385

AVFAX CODE 4135



QLD UTC +10 YLLE
272430S 1414830E VAR 8 DEG E CERT
AD OPR Santos Ltd, PO Box 2319, Adelaide, SA, 5001. PH 08 8116 5213. ARO 07 4646 8103.

REMARKS

1. Restricted OPS. PPR for all OPS.
2. All OPS: advise AD OPR at least 20MIN prior to ETA on 126.4. CS 'Ballera Base'.
3. AD Charges: Non-company aircraft.
4. Bay 2 for all jet refuelling.

HANDLING SERVICES AND FACILITIES

Private terminal facilities. JET A1 private facility.
Refuelling PH: 08 8678 4107 AVBL H24.

AERODROME OBSTACLES

1. Chimneys:
   a. 573FT AMSL PSN 272322.9S 1414819.9E. Infringes HZS by 50FT.
   b. 568FT AMSL PSN 272325.7S 1414822.1E. Infringes HZS by 45FT.
2. Lit COM TWR, 694FT AMSL PSN 272321.3S 1414836.3E. Infringes HZS by 170FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 07 3564 3702 - Report faults to BoM.
3. AWIS FREQ 128.65 - Report faults to Santos Limited.

PHYSICAL CHARACTERISTICS

03/21	032	59a	PCR 90/F/D/X/T Sealed.	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 03/21	LIRL	PAL+AA 120.05		SDBY PWR AVBL
RWY 03/21	PAPI(1)	PAL+AA 120.05	3.0 DEG48FT	SDBY PWR AVBL
RWY 03/21	PTBL(2)			BY PRIOR ARRANGEMENT

(1) Left side.
(2) EMERG only. 60MIN PN.

1. Secondary PWR MAN activated - 45 MIN PN.
2. RWY 03/21 edge light spacing: 60M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	118.8 Circuit area

LOCAL TRAFFIC REGULATIONS

1. ACFT ABV 5,700KG must use RWY turning nodes for 180 DEG turns.
2. Requirement for all ACFT to taxi to turning nodes and execute MAX radius turns. November to March inclusive.

FLIGHT PROCEDURES

1. No circling to the W of AD.
2. Right hand circuits RWY 03.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

1. CAUTION: High pressure gas discharge 1,600M N of AD (D611).
2. Increased wildlife activity will be communicated via NOTAM as required. Pilots are encouraged as part of flight planning to REQ current information from AD safety personnel on 07 4646 8103.

CHARTS RELATED TO THE AERODROME

1. WAC 3342.
2. Also refer to AIP Departure and Approach Procedures.

BALLIDU

ELEV 950

FULL NOTAM SERVICE NOT AVBL

WA		UTC +8	YBIU
303536S	1164648E	VAR 1 DEG W	UNCR

AD OPR Shire of Wongan Ballidu, PO Box 84, Wongan Hills, WA, 6603.
Email: shire@wongan.wa.gov.au. Council PH 08 9671 1011: AD Phone 08 9674 1264.
Fax 08 9671 1230.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	124.8 Circuit area

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3351.

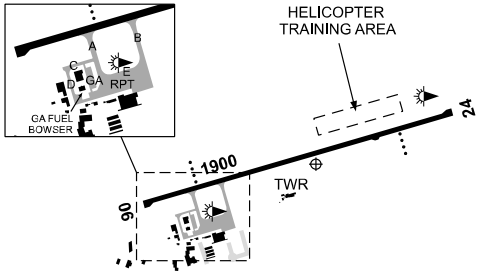
BALLINA/BYRON GATEWAY

ELEV 7

AVFAX CODE 2005

NSW		UTC +10	YBNA
285002S	1533345E	VAR 12 DEG E	CERT

AD OPR Ballina Shire Council, PO Box 450, Ballina, NSW, 2478. PH Airport 02 6681 1858 BH.
ARO H24 0414 482 584. Council PH 02 6686 4444 BH.



Information may be continued on the next page: PTO

REMARKS

1. This AD is a Security Controlled Airport.
2. The RPT apron is a Security Restricted Area. All non RPT ACFT must obtain prior approval of AD OPR to gain access to and from the RPT apron.
3. Terminal is closed to airside access except for RPT services. Prior approval of AD OPR must be obtained for access to the terminal building. Passenger and baggage screening may be in operation.
4. Access to GA apron area via pedestrian gate 1A. GA access to terminal building not AVBL.
5. AD Charges: Landing fees all ACFT. Parking fees apply to all non RPT ACFT.
6. High visibility safety vest (or equivalent) and valid ASIC or BBGA VIC must be worn/ displayed airside.

HANDLING SERVICES AND FACILITIES

VIVA Ballina Refueling. JET A1 tanker. Site hours 0730 - 1630 Local DLY. Site PH 0431 215 233. AH callout fee may apply. AH PN required. AH PH 0402 209 919. AVGAS bowser only. Viva fuel, carnet and credit cards (V and MC) – must present card.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 6:
   a. MON-SUN 2015-1115 UTC
   Note: 1HR earlier HDS.
2. Water rescue service AVBL.

APRONS AND TAXIWAYS

1. TWY C and D not AVBL to ACFT ABV 5,700KG.
2. TWY D limitation: ACFT 15M MAX wingspan.
3. GA PRKG apron limitations: ACFT 15M MAX wingspan, 11.5M MAX length. No HEL PRKG

AERODROME OBSTACLES

1. Multiple trees infringe the TNS within an arc BRG 300-027 DEG MAG 350-493M FM ARP.
2. Lit aerial 233FT AMSL BRG 136 DEG MAG 3,845M FM ARP. Infringes HZS by 81FT.
3. Trees on high terrain (lit):
   a. 388FT AMSL BRG 041 DEG MAG 3,520M FM ARP. Infringes HZS by 235FT.
   b. 176FT AMSL BRG 253 DEG MAG 4,557M FM ARP. Infringes HZS by 24FT.
4. Towers (lit):
   a. 229FT AMSL BRG 130 DEG MAG 4,226M FM ARP. Infringes HZS by 67FT.
   b. 516FT AMSL BRG 280 DEG MAG 5,251M FM ARP. Infringes COS by 310FT.
   c. 533FT AMSL BRG 279 DEG MAG 5,366M FM ARP. Infringes COS by 309FT.
   d. 540FT AMSL BRG 279 DEG MAG 5,558M FM ARP. Infringes COS by 291FT.
   e. 501FT AMSL BRG 279 DEG MAG 5,318M FM ARP. Infringes COS by 301FT.
   f. 682FT AMSL BRG 239 DEG MAG 12,387M FM ARP. Infringes APCH SFC by 52FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS Phone 02 9353 6402 - Report faults to BoM.
3. AWIS FREQ 134.8 - AVBL outside TWR HR - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

06/24	062	62a	PCR 225/F/B/1.20 MPa/U Grooved.	WID 30	RWS 150

1. All ACFT takeoff, landing and taxiing to be confined to sealed surfaces only.
2. Transitional SFC at W end infringed by transient vehicles.

AERODROME AND APPROACH LIGHTING

RWY 06/24	MIRL	PAL+AA 121.3		SDBY PWR AVBL
RWY 06/24	PAPI(1)	PAL+AA 121.3	3.0 DEG53FT	SDBY PWR AVBL
RWY 06/24	RTIL	PAL+AA 121.3		SDBY PWR AVBL

(1) Left Side.

1. Outside TWR HR:
   a. PAL+AA 121.3 AVBL
   b. AFRU 124.2 AVBL.
2. RWY 06/24 edge light spacing: 60M

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge.
3. RWY 06/24 RWY guard lights:
   a. OPR at RWY HLDG points.
   b. Not provided on road access points.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	120.3 CCT area. On ground COM CTC 126.05. Outside TWR HR
APP	BALLINA APPROACH	118.35
ATIS	BALLINA ATIS	128.65 (1)
TWR	BALLINA TOWER	124.2

(1) During TWR HR.

1. Ballina AFRU disabled during TWR HR.
2. TWR and APP HR: 2100-1000 UTC DLY (1HR earlier HDS).
3. Phone BNA TWR: 02 6618 7750 BNA APP: 07 3866 3694 BN CEN: 07 3866 3324.
4. Ballina TWR provides Class D TWR services within Ballina CTR, SFC to 1,500FT AMSL. CTC TWR for CLR.
5. During TWR HR, BNA APP provides ATS:
   a. WI Class D CTA steps up to 4,500FT AMSL and
   b. WI Class C airspace above the Class D CTA steps, up to FL125.
6. Outside TWR HR Brisbane Centre provides:
   a. ATS within Class C airspace ABV 4,500FT AMSL.
   b. Class G service at and below 4,500FT AMSL.

Note: Outside TWR HR, CTC Brisbane Centre for TAX and on ground reports in this airspace.
Note: TWR and APP may operate independently, hours or airspace responsibility may change at short notice. Check status of airspace with ATS, NOTAM or Ballina ATIS.

RADIO NAVIGATION AND LANDING AIDS

NDB BNA 206 285004.2S 1533344.6E Range 25 (HN 25) (1)

(1) Pilot monitored outside TWR HR. Not suitable for navigation in Sector 300 - 340.

LOCAL TRAFFIC REGULATIONS

1. All radius turns on the APN follow the lead-in/lead-out lines marked on the pavement. No tight turns.
2. All radius turns on RWY turning nodes must follow the lead line marked on the pavement. No tight turns - to avoid pavement damage.
3. ACFT ABV 7,500KG must use turning nodes for 180 DEG turns on RWY. No mid-RWY turns.
4. To minimise the effect of jet blast, all jet ACFT must taxi onto and away FM apron PRKG positions using MNM breakaway thrust.
5. Circuit training only permitted BTN 2100-1200 UTC (0700-2200 Local), 1 HR earlier during HDS.
6. **INSTRUMENT APPROACH TRAINING**
   a. Capacity for instrument APCH training at YBNA is limited and is subject to scheduled operations. Instrument APCH training availability can be found via www.bookawk.com.
   b. All aircraft planning practice instrument APCH must book a slot online at www.bookawk.com.
   c. Practice approaches to the non-duty runway may not be available or subject to extensive delays.
7. **CTR AIRWORK**
   a. All aircraft planning AWK other than circuit training or instrument approach training should coordinate via phone with Ballina Tower on 02 6618 7750 prior to operating. Email maps to: ballina.tower@airservicesaustralia.com

Information may be continued on the next page: PTO

8. BALLINA CTA SURVEY

a. Survey aircraft operating in CTA must book online via www.bookawk.com. If access to the booking page is not AVBL contact Brisbane TMA, Phone 07 3866 3694 BTN 0700 and 2000 Local DLY.

b. For survey flights up to and including FL125, operators must email maps to: brisbane.fdc@airservicesaustralia.com with a follow up call to BNA APP 07 3866 3694 to discuss their planned operations prior to becoming airborne each day.

9. Simulated asymmetric operations or simulated engine failure after takeoff:

a. Not permitted until ACFT cleared of built-up areas;

b. DRG TWR and APP HR, prior approval from ATC required.

10. Parking:

a. Non-RPT ACFT 15M wingspan and above must gain prior approval from AD OPR.

b. Grass PRKG not AVBL.

c. Helicopter PRKG not AVBL without prior approval of AD OPR.

FLIGHT PROCEDURES

1. Outside TWR HR: right hand circuits RWY 06.
2. ATC TRAFFIC MANAGEMENT SPEED

a. When not on a SID or STAR (including vectoring) - ACFT ARR or DEP YBNA via Class C airspace must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.

3. LOW VISIBILITY PROCEDURES – During TWR HR

a. ATC will initiate activation of Low Visibility Procedures (LVP) when visibility has reduced to 2,000M.

CTAF - AFRU 124.2

Outside TWR HR.

NOISE ABATEMENT PROCEDURES

Outside TWR HR: for noise abatement purposes - When DEP RWY 06, maintain RWY HDG until E of the coast.

ADDITIONAL INFORMATION

Wildlife hazard exists:

a. The following species are present all year round:

(i) Flocks of small birds feeding above RWY and short final including fairy martin, welcome swallow, tree martin, and white-throated needletail.

(ii) Pacific black duck – may transit across RWS, particularly at dawn and dusk.

(iii) Cattle egret – may transit across RWS, particularly RWY 06 THR.

(iv) Australian magpie – focuses W end of airfield, may transit across RWY 06.

b. A seasonal increase in the numbers of the following species can be EXP:

(i) MAR-MAY - flying foxes transit RWY 06 threshold at dusk.

(ii) APR to OCT - masked lapwing activity focuses W and E ends of airfield day or night.

(iii) Autumn and Spring – tree martin feeding above RWY and short final as they migrate through the region.

(iv) JUN-JAN – Australian white ibis may transit across AWS.

(v) AUG-MAR - black kite activity focused foraging above RWY 1000-1500 Local with increased temperatures.

c. Increased bird activity during and post rainfall and adverse weather events including Australian white Ibis, straw-necked Ibis, white-throated needletail, ducks and silver gull.

d. Species specific NOTAM will be issued during periods of increased activity.

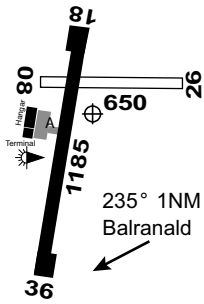
CHARTS RELATED TO THE AERODROME

1. WAC 3357.
2. Also refer to AIP Departure and Approach Procedures.

BALRANALD

ELEV 210

AVFAX CODE 2233



NSW UTC +10 YBRN
343725S 1433442E VAR 10 DEG E CERT
AD OPR Balranald Shire Council, PO Box 120, Balranald, NSW, 2715. PH 03 5020 1300. ARO 0418 322 902 H24.

AERODROME OBSTACLES

Lit TWR 466FT AMSL, PSN 343823.31S 1433355.06E APRX BRG 205 DEG MAG 1.2NM FM ARP.

PHYSICAL CHARACTERISTICS

08/26	078	21c	5700 kg/0.35 MPa Grass	WID 30	RWS 90
18/36	175	39a	Unrated.	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 18/36 LIRL(2) PAL+AA 123.9
RWY 18/36 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG only. 60MIN PN.
(2) PAL requires three one-second pulses to activate.
RWY 18/36 edge light spacing: 90M.

OTHER LIGHTING

TWY light: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 118.6 7000FT

CTAF 126.7

ADDITIONAL INFORMATION

Wildlife hazard exists. Australian magpie flying in flocks up to 30 transiting across RWY 18 THR BTW 50 – 150FT AGL HJ. CTC ARO via PH or CTAF for harassment.

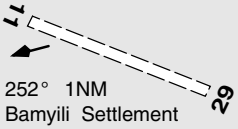
CHARTS RELATED TO THE AERODROME

WAC 3458.

BAMYILI

ELEV 706

FULL NOTAM SERVICE NOT AVBL



NT UTC +9:30 YBMY
143111S 1325300E VAR 3 DEG E UNCR
AD OPR Barunga Community Board of Management, PMB 25, Katherine, NT, 0852. PH 08 8975 4505. Fax 8975 4595.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.6 Circuit area

CTAF 119.7

CHARTS RELATED TO THE AERODROME

WAC 3109.

Information may be continued on the next page: PTO

BARADINE

ELEV 990

FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YBAD
305718S 1490530E VAR 11 DEG E UNCR
AD OPR Warrumbungle Shire Council, PO Box 191, Coonabarabran, NSW, 2357.
ARO 0427 112 813. Council PH 02 6842 1944. Fax 02 6842 1337.

REMARKS
PPR Phone ARO

AERODROME OBSTACLES
Lit communications TWR, 303FT AGL 283DEG MAG 996M FM 11 RWS end.

PHYSICAL CHARACTERISTICS
11/29 52c Unrated. Natural surface. RWY LEN 1,575M. WID 14 RWS 30
Turn pads each end and at 900M on APCH RWY 11.

AERODROME AND APPROACH LIGHTING
RWY 11/29 LIRL PAL 120.65 SDBY PWR AVBL

OTHER LIGHTING
SDBY PWR: manually activated with 60MIN PN to ARO.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 127.1

LOCAL TRAFFIC REGULATIONS
1. ACFT must use turn pads to make 180 DEG turns.
2. Parking bay at western end of aerodrome.

CTAF 126.7

ADDITIONAL INFORMATION
Bird and animal hazard.

CHARTS RELATED TO THE AERODROME
WAC 3356, 3357.

BARALABA

ELEV 400

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YBAB
241112S 1495042E VAR 9 DEG E UNCR
AD OPR Banana Shire Council, PO Box 412, Biloela, QLD, 4715. PH 0447 446 603.
Council PH 07 4992 9500. Fax 4992 3493.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 135.3

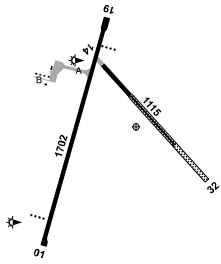
CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3340, 3341.

BARCALDINE

ELEV 880

AVFAX CODE 4104



QLD UTC +10 YBAR
233355S 1451824E VAR 8 DEG E CERT
AD OPR Barcaldine Regional Council, PO Box 191, Barcaldine, QLD, 4725.
PH 07 4651 5600: Senior ARO 0438 528 993 (H24).
ARO AH 0428 683 465.

REMARKS

This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

George Bourne and Associates: Self-service bowser. Credit card swipe only. AVGAS and JET A1 AVBL H24. CTC 0458 303 544, 07 4651 5177, 2300-0600 UTC MON - FRI EXC PH. AH callout 1HR PN (AH callout fee $200).

APRONS AND TAXIWAYS

1. TWY A PCR 200/F/D/1.00MPa/T Sealed, MAX 29M wingspan.
2. TWY B MAX 15M wingspan, MAX 5,700KG.
3. GA APN MAX 15M wingspan, MAX 5,700KG.

AERODROME OBSTACLES

Unlit tower 1,149FT 309 DEG MAG/3.3NM FM ARP.

PHYSICAL CHARACTERISTICS

01/19	009	56a	PCR 200/F/D/1.00 MPa/T Sealed	WID 30	RWS 150
14/32	131	37a/c	Unrated. Sealed 750M NW end to 30M WID for first 276M, then to 18M WID for next 474M. Remaining 365M unsealed brown sand clay.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 01/19	LIRL	PAL+AA 119.6		SDBY PWR AVBL
RWY 01/19	PAPI(1)	PAL+AA 119.6	3.0 DEG29FT	SDBY PWR AVBL

(1) Left side

OTHER LIGHTING

1. TWY LGT: Blue edge on TWY A.
2. SDBY PWR switchover time: less than 25 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.1 3000FT

LOCAL TRAFFIC REGULATIONS

1. All ACFT to turn at RWY thresholds.
2. No MNM radius turns.
3. PPR for all OPS ABV 20,000KG.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Bird and animal hazard exists.

CHARTS RELATED TO THE AERODROME

1. WAC 3234.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

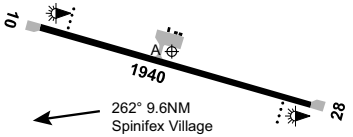
BARIMUNYA

ELEV 2082

AVFAX CODE 6826

WA		UTC +8	YBRY
224026S	1190958E	VAR 1 DEG E	CERT

AD OPR Barimunya Aerodrome Joint Venture, Brookfield Place, 125 St Georges Terrace, Perth, WA, 6000. ARO 0408 427 212: Email 1 - barimunya.airport@bhp.com:
Email 2 - barimunya.supervisor@bhp.com.



REMARKS

1. Restricted OPS. PPR from AD OPR.
2. All OPS - advise AD OPR at least 20 MIN prior to ETA on 129.75.
3. PRI source of power is derived from a generator.

HANDLING SERVICES AND FACILITIES

AIR BP: JET A1, CTC ARO.
Marshalling, parking allocation and ground handling by prior arrangement with AD OPR.

PASSENGER FACILITIES

LG/RF/WC. Telstra 4G mobile reception.

AERODROME OBSTACLES

1. CAUTION: OBST lights not provided on hills infringing N and S of AD inner HZS and CNS.
2. Extensive infringements N of AD, APRX 1.6NM - 2.3NM, BRG 287 DEG MAG to 090 DEG MAG FM ARP. MAX inner HZS infringement 345FT (2574.6FT AMSL).
3. Terrains:
   a. 2,262.6FT AMSL, BRG 275 DEG MAG 1.6 NM FM ARP, infringes inner HZS up to 33FT.
   b. 2,295.6FT AMSL, BRG 307 DEG MAG 1.9NM FM ARP, infringes inner HZS up to 66FT.
4. Fence 2,128FT AMSL, PSN 224032.68S 1190954.56E APRX BRG 201 DEG MAG 0.12NM FM ARP, infringes TNS by 3.24FT.
5. WDI:
   a. Lit, red steady LIOL, 2,051FT AMSL PSN 224018.0S 1190932.0E. Infringes TNS by 8FT.
   b. Unlit, 2,047FT AMSL PSN 224039.0S 1191026.0E. Infringes TNS by 1FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS FREQ 122.075 - Requires one one-second pulse to activate. Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

10/28 104 64a PCR 414/F/A/Y/T WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 10/28	LIRL		SDBY PWR AVBL
RWY 10/28	PAPI(2)	3.0 DEG42FT	SDBY PWR AVBL
RWY 10/28	PTBL(1)		BY PRIOR ARRANGEMENT

(1) 90MIN PN.
(2) Left Side. Special wheel clearance for ACFT in 5M to 8M eye-to-wheel group.
RWY edge light spacing: 10/28: 60M.

OTHER LIGHTING
1. For aerodrome lighting activation outside of HS a minimum of 90 minutes prior notice is required.
2. SDBY PWR switchover time: Manually activated, 30 MIN PN required.
3. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 128.15 3500FT

LOCAL TRAFFIC REGULATIONS
1. RWY 10/28: All ACFT ABV 5,700KG must make MAX RAD turns at MNM speed at turning nodes to avoid SFC damage.
2. All ACFT are required to backtrack on RWY centreline.
3. ACFT at opposite ends of RWY may not be visible to each other.
4. All ACFT to follow APN markings.
5. Bay 1 - B738 and B737-8 use lead-in line B.
6. Bay 2 - B738 and B737-8 use lead-in line B.
7. Bay 1A not AVBL for ACFT larger than PC24.
8. All ACFT - caution jet blast when powering out of all bays.
9. Bay 3 not AVBL for E290/B737 when B737-8 or B738 parked Bay 2 unless approved.
10. No fuel AVBL Bay 3. Over-wing refuelling AVBL only Bay 1A.

FLIGHT PROCEDURES
RWY 10 - right hand circuits required.

CTAF - AFRU 127.05
AFRU signal not AVBL on ground at Barimunya.

ADDITIONAL INFORMATION
Mine blasting sites located 4.87NM SW of AD (224325.02S 1190536.00E) and in a line 4.75NM to the W and 4.2NM to the SE for the BHP Billiton site and 6.3NM SE of the AD (224548.12S 1191341.88E) and in a line 4NM to the SE for the Rio Tinto site. Regular blasting at 1000, 1400 and 1600 Local DLY. CTC the ARO for additional BHP Iron Ore and Rio Tinto Iron Ore blasting times.

CHARTS RELATED TO THE AERODROME
1. WAC 3229.
2. Also refer to AIP Departure and Approach Procedures.

BARRACOUTA PLATFORM ELEV 100

AVFAX CODE 9711 **FULL NOTAM SERVICE NOT AVBL**

VIC UTC +10 YUTA

381748S 1474034E VAR 13 DEG E UNCR

AD OPR ESSO Australia Pty Ltd., Garretts Road, Longford, VIC, 3851. PH 03 5143 4200.

REMARKS
1. Offshore oil and gas platform.
2. CASA approved operators only.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 124.0

CTAF 129.75

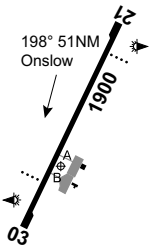
ADDITIONAL INFORMATION
Barracouta Platform is part of the Bass Strait maritime security zone.

CHARTS RELATED TO THE AERODROME
1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

BARROW ISLAND ELEV 24

AVFAX CODE 6803



WA UTC +8 YBWX
205152S 1152422E VAR 0 DEG E CERT

AD OPR Aerodrome Management Services Pty Ltd, PO Box 434, Belmont, WA, 6984. Email: bwiairport2@chevron.com. PH AD Manager 08 9184 3789. Mobile 0429 053 090 (H24. Emergency contact only).

REMARKS

1. Restricted OPS. PPR from AD OPR.
2. ALL OPS - Advise AD OPR at least 20 MIN prior to ETA on 131.25.

HANDLING SERVICES AND FACILITIES

Marshalling, parking allocation and ground handling services by prior arrangement with AD OPR.
Viva Energy Australia – JET A1 only. VIVA Carnet card or contract arrangement.

PASSENGER FACILITIES

LG/RF/WC/Telephone facilities AVBL and Telstra 4G mobile reception.

APRONS AND TAXIWAYS

1. All ACFT to follow APN markings.
2. Dual Lead-out lines on PRKG bays 2-4.
   a. Inner Leads-outs for: Q400, B463 and F100
   b. Outer Leads-outs for: Q400, E190 and F100
3. All jet ACFT to use idle power for movements on the APN with the exception of breakaway thrust to initiate taxi. ACFT that cannot comply with this restriction must advise AD OPR prior to departure.

AERODROME OBSTACLES

1. Towers:
   a. 584FT AMSL BRG 343 DEG MAG 2.7NM FM ARP. Infringes COS by 404FT, lit H24, HIOL strobe HJ, steady red MIOL HN.
   b. 246FT AMSL BRG 343 DEG MAG 2.7NM FM ARP. Infringes COS by 75FT, marked and lit steady red MIOL HN.
   c. 629FT AMSL BRG 345 DEG MAG 2.77NM FM ARP. infringes COS by 445FT marked orange and white and lit by flashing red MIOL HN.
2. Illuminated wind indicators:
   a. Primary 41FT AMSL BRG 238 DEG MAG 0.3NM FM ARP. Infringes transitional SFC by 5FT.
   b. Secondary 45FT AMSL BRG 028 DEG MAG 0.6NM FM ARP. Infringes transitional SFC by 1 FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS PH 08 6216 2602 - Report faults to BoM.
3. AWIS FREQ 132.150 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

03/21	026	62a	PCR 220/F/A/Y/T Grooved	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 03/21	LIRL	AFRU+PAL 120.1		SDBY PWR AVBL
RWY 03/21	PAPI(1)	AFRU+PAL 120.1	3.0 DEG41FT	SDBY PWR AVBL
RWY 03/21	PTBL(2)			BY PRIOR ARRANGEMENT

(1) Left side.
(2) 90MIN RQ to set out lighting.

1. RWY edge lighting spacing: 90M.
2. Lighting manually activated by ARO 30MIN prior to scheduled ACFT arrival and deactivated 15MIN after departure.

OTHER LIGHTING

1. SDBY PWR switchover time: 25 SEC.
2. TWY LGT: Blue edge (TWY B only).

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.4 2000FT

LOCAL TRAFFIC REGULATIONS

1. RWY 03/21: All fixed wing ACFT ABV 20,000KG must make MAX RAD turns at MNM speed at turning nodes to avoid SFC damage.
2. Rotary ACFT are permitted to perform MID RWY turns. To avoid SFC damage rotary ACFT must make MAX RAD turns utilising full RWY width.
3. All ACFT are required to backtrack on RWY centre line.
4. All ACFT to contact “Barrow Ramp” on 130.40 prior to entering ramp area for PRKG instructions.
5. TWY A not AVBL for ACFT ABV 20,000KG.
6. Night OPS – Code C ACFT PRKG Bay 3 only.

FLIGHT PROCEDURES

Right hand CCTS required when OPR on RWY 03.

CTAF - AFRU 120.1

ADDITIONAL INFORMATION

1. Bird hazard, significantly increased bird activity after dusk and after rainfall.
2. Plume rise SFC to 1,800FT AMSL BRG 026 DEG MAG, 5NM FM ARP.
3. Extensive HEL OPS conducted DLY at and WI AD VCY.

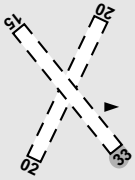
CHARTS RELATED TO THE AERODROME

1. WAC 3229.
2. Also refer to AIP Departure and Approach Procedures.

BARWON FIELD

ELEV 260

FULL NOTAM SERVICE NOT AVBL



VIC		UTC +10	YGBF
380849S	1441021E	VAR 12 DEG E	UNCR

AD OPR Craig Taberner, 470 Pollocksford Rd, Gnarwarre, VIC, 3221.
Email: ctaberne@ford.com. PH 0439 154 202 (H24).

REMARKS

PPR.

PHYSICAL CHARACTERISTICS

02/20	28c	Unrated. Grass. RWY LEN 850M	WID 15
15/33	28c	Unrated. Grass. RWY LEN 850M	WID 15

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	134.325

FLIGHT PROCEDURES

1. Right hand circuits for RWY 02 and RWY 33.
2. No landing on RWY 02 due to rising terrain to south.

CTAF 119.0

ADDITIONAL INFORMATION

Pilots should consider noise impacts and avoid overflying residential buildings.

CHARTS RELATED TO THE AERODROME

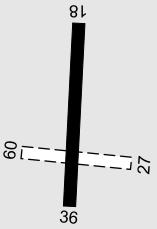
WAC 3469, 3470.

Information may be continued on the next page: PTO

BARWON HEADS/GEELONG

ELEV 50

FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YBRS
381529S 1442539E VAR 12 DEG E UNCR
AD OPR Geelong Surfcoast Airpark, 1411-1419 Barwon Heads Road, Connewarre, VIC, 3227. PH 0418 138 840.
Website: www.barwonheadsairport.com.au.

REMARKS

1. Prior permission to land required, refer website.
2. Private AD, landing fees must be paid by all ACFT including RAA. Refer website.

HANDLING SERVICES AND FACILITIES

AVGAS 100LL and JET A1 AVBL H24. Supplied by IOR Aviation Pty Ltd. Payment via IOR Aviation tag for account holders or the Fuelcharge APP. PH 1300 457 467. No credit cards accepted.

AERODROME OBSTACLES

High trees 200M to the north of RWY 18/36.

PHYSICAL CHARACTERISTICS

09/27	17c	Unrated. Grass. RWY LEN 520M. Slope up to W.	WID 30
18/36	26a	Unrated. Sealed. RWY LEN 800M. RWY 36 DTHR 150M. Turn pad THR RWY 18, 30M WID. Slope 2% up to N.	WID 10

AERODROME AND APPROACH LIGHTING

RWY 18/36 MIRL(1) PAL 119.0
(1) PAL requires 5 one-second pulses to activate

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 123.35 3000FT

LOCAL TRAFFIC REGULATIONS

Caution when wet, back track RWY 18/36 preferred, remain on TWY.

FLIGHT PROCEDURES

1. Fly Neighbourly - Use preferred RWY 18.
2. Night circuits not available for visiting ACFT.

CTAF 119.0

ADDITIONAL INFORMATION

1. PJE and HEL OPS.
2. Highway to the south of RWY 18/36, 150M displaced threshold.
3. Windsock located RWY INT.
4. Dusk till dawn animal hazards exists on all RWY.

CHARTS RELATED TO THE AERODROME

WAC 3469, 3470.

BARYULGIL

ELEV 398

FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YBYL
291259S 1523654E VAR 12 DEG E UNCR
AD OPR Yulgilbar Pastoral Co Pty Ltd, 69 Pakenham Street, Echuca, VIC, 3564.
Email: yupas@bigpond.com. ARO 0418 341 797 (Aviation Manager).

REMARKS

1. LDG permission RQ (CTC AD Manager).
2. Not AVBL for training ACFT.

PHYSICAL CHARACTERISTICS

15/33	49a	Unrated.	WID 18

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 126.8

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3357.

BATHURST ELEV 2435

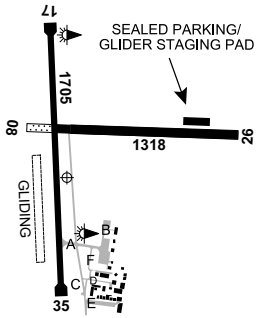
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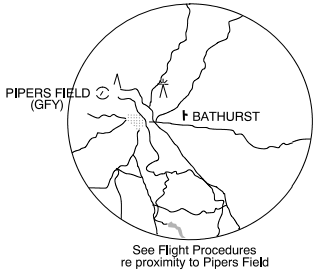
NSW UTC +10 YBTH

332434S 1493907E VAR 12 DEG E CERT

AD OPR Bathurst Regional Council, PMB 17, Bathurst, NSW, 2795.

Email: airport@bathurst.nsw.gov.au. PH 02 6333 6100. ARO 0408 639 075. ARO Fax 6337 3429.





REMARKS

1. AD Charges: All ACFT - refer fees and charges at Council's AD webpage.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

BP - 'Aerowork Bathurst': 1HR PN (non BP Carnet), call-out fee applies. Phone 02 6337 3433 or 0429 322 424. 24HR Cardswipe Bowser - Air BP card only. AVGAS, O100, D100. BP Carnet, V, MC, Cheques (BH only).

Jet Chek: JET A1 Single point and overwing - PN required, AH call out fee applies.
Phone 0409 455 084. V, MC, Cash, no Carnet.

Aero Refuellers: Phone 02 6054 2200 or AH 0413 003 808. H24 AVGAS and JET A1 self-service bowsers. Accepts Aero Refuellers card, V and MC.

PASSENGER FACILITIES

PT/TX (131 008)/HC (02 6331 7033, 6337 3158, 6332 5774, 131 390, 133 039)/
RF (Aero Club 6337 3310)/ME (6337 3433)/WC. Groundsman 0408 639 075, Fax 6337 3429.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 02 9353 6404 - Report faults to BoM.
3. AWIS FREQ 133.25 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

08/26	079	43a	5700 kg/0.58 MPa 150M W end grass.	WID 18	RWS 90
17/35	164	56a	PCR 150/F/C/0.70 MPa/T	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 17/35	LIRL	AFRU+PAL 127.35		SDBY PWR AVBL
RWY 17/35	PAPI(1)	AFRU+PAL 127.35	3.0 DEG41.5FT	SDBY PWR AVBL

(1) PAPI RWY 35 located right hand side.

RWY edge light spacing: 17/35: 59M.

Information may be continued on the next page: PTO

OTHER LIGHTING

1. Secondary PWR switchover time: 1 MIN.
2. TWY LGT: Green CL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	135.25 On ground

RADIO NAVIGATION AND LANDING AIDS

NDB	BTH	383	332450.6S	1493925.2E	Range 30 (HN 30)

LOCAL TRAFFIC REGULATIONS

1. No circuit training BTN 2200 Local and first light.
2. Due to grades on RWY 17/35, the opposite ends of the RWY are not visible when taking off. Mandatory CTAF BCST RQ BFR OPR on RWY.
3. TWY F AVBL one way from TWY D. No entry to TWY F from TWY A.

FLIGHT PROCEDURES

1. Right hand CCTS required HJ on RWY 35.

2. GLIDING OPERATIONS - BATHURST AERODROME

2.1. Glider flying operations by Australian Air Force Cadets (AAFC) during daylight hours will be advised by NOTAM.

2.2. Gliders and tugs are radio equipped and will broadcast and monitor CTAF 127.35 within 10NM of the aerodrome.
Note: Gliders outside 10NM from the aerodrome will use area frequency 135.25 or glider frequency 122.7

2.3. Powered aircraft must give way to landing gliders.

2.4. Glider launches will not take place during air transport operations.

2.5. Practice instrument approaches not recommended during glider flying.

2.6. Runway 17/35 operations during glider flying operations:
- a. NON-INDEPENDENT contra circuit operations may take place.
  - (i) Simultaneous parallel runway operations are NOT permitted.
  - (ii) THERE IS NO DEAD SIDE WITH CONTRA CCTS.
- b. Gliders and tugs:
  - (i) Use grass strip west of Runway 17/35 using right hand CCTS on grass strip 17 and left hand CCTS on grass strip 35.
  - (ii) All glider and tug CCTS to the west. All glider operations, including CCTS, to remain west of Runway 17/35
- c. Aircraft other than gliders and tugs:
  - (i) Use right hand CCTS on Runway 35 and left hand CCTS on Runway 17 (all CCTS are to the east)
  - (ii) Must not infringe the glider circuit below 1,500FT AGL.
  - (iii) Recommended join circuit on upwind overhead the runway or on downwind, to avoid the glider circuit.

2.7. Runway 08/26 operations during glider flying operations:
- a. Glider flying operations may take place using Runway 08/26 if operationally necessary.
- b. All aircraft (including gliders and tugs) must use left hand CCTS. Contra CCTS not permitted.
- c. Gliders and tugs normally fly below and inside standard 1,000FT circuit.
- d. Gliders and tugs will occupy the runway for the minimum time during launch and recovery and will remain clear of the flight strip at other times.
- e. When RWY 08 is the duty RWY, glider operations will be to the east of the aerodrome, otherwise glider operations will be to the west of the aerodrome for all other duty RWY.

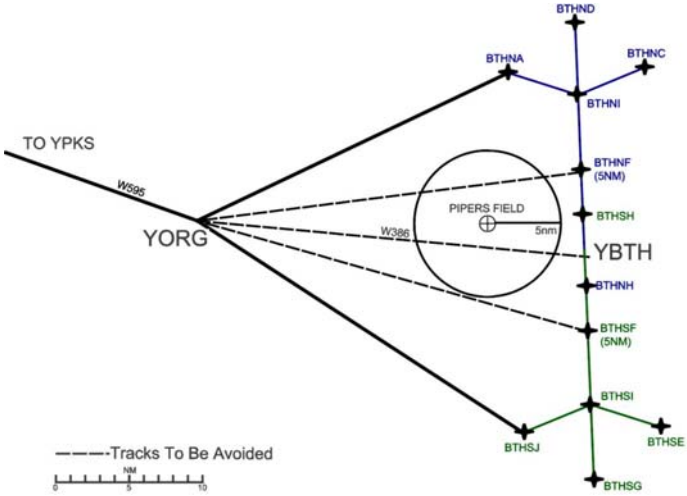
2.8. If the use of a crossing runway is operationally required, a wide circuit to join a long final, clear of established circuit traffic is recommended. Maintain runway heading on departure until clear of other circuit traffic.

2.9. For more information contact Air Force Cadets on 0488 242 033 (CFI) or 0428 445 402 (Deputy CFI).

3. GLIDING OPERATIONS - PIPERS FIELD

3.1. Intensive gliding OPS at Pipers Field located 7NM W Bathurst AD - HJ, JF, and OCNL JO. Gliders monitor 122.7 WI 3NM Pipers Field and 127.35 (Bathurst CTAF) beyond 3NM FM Pipers Field. Glider training activities, including aerobatics, are concentrated WI 3NM Pipers Field up to A050 but glider OPS often extend well beyond 20NM Bathurst and ABV A080.

3.2. Intensive gliding activity will mainly be confined NORTH of the Orange-Bathurst highway. To avoid gliding activity, in VMC conditions by day other aircraft should remain SOUTH of the highway at all times between Orange Airport and the Macquarie River. Even when SOUTH of the highway keep watch as gliders may be operating or conducting cross-country exercises.



CTAF - AFRU 127.35

ADDITIONAL INFORMATION

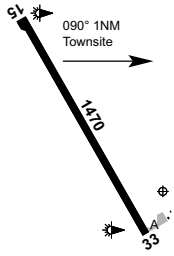
1. Frequent mowing operations occur within RWY strips during summer.
2. Bird hazard exists.
3. Significantly increased animal hazard (kangaroos) mainly at dawn and dusk.

CHARTS RELATED TO THE AERODROME

1. WAC 3457, 3456.
2. Also refer to AIP Departure and Approach Procedures.
3. Aerodrome Obstruction Chart Type A: RWY 17/35 and 08/26 - Edition 22, June 2020.

BATHURST ISLAND ELEV 67

AVFAX CODE 8011



NT UTC +9:30 YBTI
114609S 1303711E VAR 2 DEG E CERT

AD OPR Tiwi Islands Regional Council, PO Box 1, Bathurst Island, via Darwin, NT, 0822. Email: infrastructure@tiwiislands.nt.gov.au. PH 08 8970 9500. ARO 0407 979 325: EMERG 0427 451 735.

REMARKS

LDG fees apply per tonne and part thereof:

a. Fixed wing ACFT 8,999KG MTOW: $40.00/tonne.
b. Rotary wing ACFT 2,499KG MTOW: $40.00/tonne.
c. 2,500KG MTOW and over: $50.00/tonne.

Note: No charge for Australian Army, Department of Defence, NT Police, balloons and gliders.

Information may be continued on the next page: PTO

AERODROME OBSTACLES

Trees:

a. 79FT AMSL BRG 147 DEG MAG 1,647M FM RWY 15 SOT. Infringes RWY 33 APCH by 3FT.
b. 78FT AMSL BRG 151 DEG MAG 1,638M FM RWY 15 SOT. Infringes RWY 33 APCH by 8FT.
c. 83FT AMSL BRG 325 DEG MAG 2,133M FM RWY 33 SOT. Infringes RWY 15 APCH by 17FT.
d. 71FT AMSL BRG 330 DEG MAG 1,831M FM RWY 33 SOT. Infringes RWY 15 APCH by 24FT.

METEOROLOGICAL INFORMATION PROVIDED

TAF CAT C.

PHYSICAL CHARACTERISTICS

15/33 148 48a PCR 50/F/A/Y/U WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 15/33 PTBL(1) BY PRIOR ARRANGEMENT

(1) Activated automatically HN for EMERG use only. CTC ARO.

OTHER LIGHTING

RWY 33 THR marked by three guard lights either side of RWY.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.15 Circuit area

CTAF - AFRU 126.5

ADDITIONAL INFORMATION

1. Possibility of animals on AD particularly at dawn and dusk.
2. Parking on sealed apron not permitted.

CHARTS RELATED TO THE AERODROME

1. WAC 3099, 3109.
2. Also refer to AIP Departure and Approach Procedures.

BATMAN PARK HELIPORT

ELEV 10

FULL NOTAM SERVICE NOT AVBL

VIC UTC +10 YBPK

374920S 1445724E VAR 12 DEG E UNCR

AD OPR Pro-Flite Aviation Pty Ltd, PO Box 228, Port Melbourne, VIC, 3207.
Email: info@melbournehelipad.com.au. PH 1300 724 927.

REMARKS

Prior landing approval required, fees apply PH AD OPR.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 135.7 Circuit Area

CTAF 132.1

CHARTS RELATED TO THE AERODROME

WAC 3469, 3470.

BEAUFORT

ELEV 1300

FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YBFT

372940S 1432548E VAR 11 DEG E UNCR

AD OPR Philip Hawker, 'Hawkwood', 1 Caramuir Road, Beaufort, VIC, 3373.
PH 03 5349 5500: 0427 367 542. Fax 5349 5500.

REMARKS

PPR.

PASSENGER FACILITIES
WC.

AERODROME OBSTACLES
Two wind monitoring masts APRX 279FT AGL, one APRX 2,500M W and the other a similar distance SW from the threshold of the western end of the airstrip.

PHYSICAL CHARACTERISTICS
Both ends of the strip slope downwards.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 126.8

LOCAL TRAFFIC REGULATIONS
Parking available.

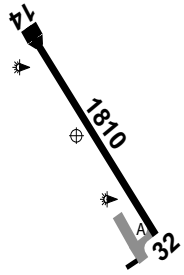
CTAF 126.7

ADDITIONAL INFORMATION
Caution: Powerlines and trees.

CHARTS RELATED TO THE AERODROME
WAC 3469.

BEDOURIE ELEV 300

AVFAX CODE 4136



QLD UTC +10 YBIE
242046S 1392737E VAR 6 DEG E CERT
AD OPR Diamantina Shire Council, 17 Herbert Street, Bedourie, QLD, 4829. PH 07 4746 1600. ARO 0428 035 184.

REMARKS
This AD is a Security Controlled Airport.

AERODROME OBSTACLES
1. Lit unmarked TWR 406FT AMSL, 2,814M FM RWY 14 SOT, 206M L of extended RCL.
2. Unlit Telstra TWR 379FT AMSL, 2,837M FM RWY 14 SOT, 202M L of extended RCL.
3. Unlit and unmarked COM mast 380FT AMSL, 2,782M FM RWY 14 SOT, 215M L of extended RCL.

PHYSICAL CHARACTERISTICS
14/32 140 59a PCR 90/F/B/0.85 MPa/U Sealed WID 30 RWS 90

AERODROME AND APPROACH LIGHTING
RWY 14/32 LIRL(1) AFRU+PAL 126.7 SDBY PWR AVBL
(1) SDBY PWR AVBL with 15 MIN PN
RWY edge light spacing: 14/32: 60M.

OTHER LIGHTING
TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 125.4 6500FT(On ground COM ACC 132.0)

CTAF - AFRU 126.7

ADDITIONAL INFORMATION
1. CAUTION: SEV TURB possible on approach.
2. CAUTION: Bird hazard may exist. Species specific NOTAM will be raised during periods of increased activity.

CHARTS RELATED TO THE AERODROME
1. WAC 3342.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

BELLBURN

ELEV 800

FULL NOTAM SERVICE NOT AVBL

WA UTC +8 YBEB

173241S 1281818E VAR 2 DEG E UNCR

AD OPR Department of Environment and Conservation, Ranger in Charge, Purnululu National Park, WA, 6770. Email: calmpurn@wn.com.au. PH AH 08 9168 7300.
Senior Ranger Purnululu 0432 406 643. Fax 08 9168 7326.

REMARKS

1. PPR. Private strip.
2. Permit required for landing from Department of Environment and Conservation - Phone 08 9168 2179 or AD OPR.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.2

FLIGHT PROCEDURES

1. Right hand circuits RWY 10.
2. High volume of fixed wing and rotary wing scenic flights operate over the Bungles and in and out of Bellburn, refer to Special Procedures section for Standard Operating Procedures.

CTAF 127.3

ADDITIONAL INFORMATION

1. High frequency HEL traffic OPR in area. HEL based at strip.
2. Animal hazard possible.

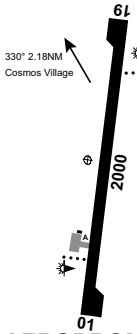
CHARTS RELATED TO THE AERODROME

WAC 3222.

BELLEVUE

ELEV 1555

AVFAX CODE 6105



WA UTC +8 YBLU

273646S 1203538E VAR 1 DEG E CERT

AD OPR IGO Limited, PO Box 496, South Perth, WA, 6951.
Email: cosmosaerodrome@igo.com.au. PH AD MGR 0439 765 459.

REMARKS

Restricted OPS - PPR from AD OPR.

HANDLING SERVICES AND FACILITIES

Terminal facilities. No fuel available. Contact ARO.

APRONS AND TAXIWAYS

TWY A - Code C, 15M sealed.

AERODROME OBSTACLES

1. Terrain 1,832FT AMSL BRG 332 DEG MAG APRX 2.8NM FM ARP, penetrates OBST limitation SFC by 82FT.
2. Tower 1,795FT AMSL BRG 297 DEG MAG APRX 1.6NM FM ARP.
3. Cranes:
   a. 1,767FT AMSL BTN BRG 330-340 DEG MAG APRX 1.3NM FM ARP (temporary). Infringes HZS up to 50FT.
   b. 1,763FT AMSL BRG 315 DEG MAG 1.24NM FM ARP. Head frame infringes inner HZS by up to 110FT.
4. Windturbines:
   a. 2,244FT AMSL PSN 273757.6S 1203302.9E. Infringes OLS by 500FT.
   b. 2,270FT AMSL PSN 273811.8S 1203305.3E. Infringes OLS by 514FT.
   c. 2,277FT AMSL PSN 273826.3S 1203303.3E. Infringes OLS by 481FT.
   d. 2,234FT AMSL PSN 273840.2S 1203302.2E. Infringes OLS by 400FT.

PHYSICAL CHARACTERISTICS

01/19 006 66a Unrated. Sealed. WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 01/19 LIRL(3) SDBY PWR AVBL BY PRIOR ARRANGEMENT
RWY 01/19 PAPI(1) 3.0 DEG49FT SDBY PWR AVBL BY PRIOR ARRANGEMENT
RWY 01/19 PTBL(2) BY PRIOR ARRANGEMENT

(1) Left side only. Manual activation with 30MIN PN.
(2) EMERG only. 60MIN PN. CTC ARO.
(3) 30MIN PN.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 MIN.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 118.95 Circuit area

LOCAL TRAFFIC REGULATIONS

1. All ACFT to use turn pads, MAX turn radius at MNM speed.
2. All ACFT ABV 5,700KG MTOW must park on marked bays using appropriate lead-in lines.

FLIGHT PROCEDURES

Right hand circuit on RWY 01 due to terrain to the NW of the AD.

CTAF 126.5

AFRU at Leinster. Signal not AVBL on ground Bellevue.

ADDITIONAL INFORMATION

Bird hazard exists (budgies, swallows, parrots and crows) in VCY of AD.

CHARTS RELATED TO THE AERODROME

1. WAC 3345.
2. Also refer to AIP Departure and Approach Procedures.

BELYANDO/LABONA

ELEV 805

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YLBA
220016S 1462150E VAR 8 DEG E UNCR
AD OPR Adani Mining Pty Ltd, Level 9, 120 Edward St, Brisbane, QLD, 4000.
Email: rod.ward@sodexo.com: adani.aro@bravus.com.au.
PH Rod Ward 0431 559 986 H24. ARO 0409 531 338 H24.

REMARKS

Private AD. PPR for all OPS. Email AD OPR.

HANDLING SERVICES AND FACILITIES

IOR JET A1 AVBL - IOR account required.

PASSENGER FACILITIES

LG/WC.

AERODROME OBSTACLES

Lit mast 98FT AGL BRG 161 DEG MAG 1.52NM FM ARP.

PHYSICAL CHARACTERISTICS

18/36 36a Unrated. RWY LEN 1,105M. Slope 0.89% down to N. WID 18 RWS 80

OTHER LIGHTING

Solar RWY LGT AVBL for emergency services only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 128.55
UNICOM SAFETY ONE 126.7

LOCAL TRAFFIC REGULATIONS

1. PRKG bays unmarked. Follow ARO directions.
2. Make a ‘Rolling’ call when lined up and prior to take-off due to line of sight limitations.

Information may be continued on the next page: PTO

FLIGHT PROCEDURES

Right hand CCTS RQ when OPR on RWY 18.

CTAF 126.7

ADDITIONAL INFORMATION

Bird and wildlife hazard exists:

a. Galahs and black kites in VCY of AD.
b. Rabbits may be on airfield.
c. Increased bird activity early morning and late afternoon.
d. ARO will advise inbound aircraft via CTAF for increased bird activity.

CHARTS RELATED TO THE AERODROME

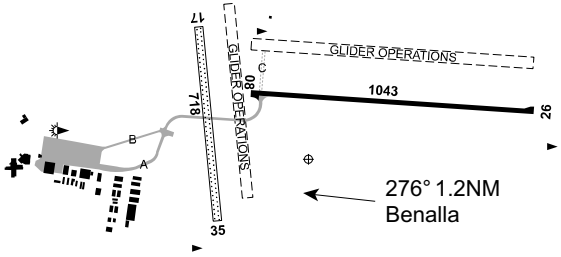
WAC 3234.

BENALLA — ELEV 569

AVFAX CODE 3030

VIC		UTC +10	YBLA
363315S	1460033E	VAR 12 DEG E	CERT

AD OPR Benalla Rural City Council, PO Box 227, Benalla, VIC, 3672.
Email: council@benalla.vic.gov.au. PH 03 5760 2600.



REMARKS

AD Charges: All AVTUR ACFT.

HANDLING SERVICES AND FACILITIES

Aero Refuellers: H24 card swipe. AVGAS and JET A1 bowsers. Accepts Aero Refuellers cards, V and MC.

PHYSICAL CHARACTERISTICS

08/26	083	34a	Unrated. Sealed.	WID 18	RWS 90
17/35	163	24c	5700 kg/0.45 MPa Grass silt clay.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 08/26 LIRL PAL 123.4

OTHER LIGHTING

TWY LGT: Green CL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.2 Circuit area

FLIGHT PROCEDURES

1. CONTRA CIRCUITS IN OPERATION - **THERE IS NO DEAD SIDE WITH CONTRA CIRCUITS.**
2. Gliders and tugs use separate glider strips 08/26 and 17/35, marked by orange gable markers. Also AVBL for tailskid equipped ACFT.
3. Glider/tug circuits to N or E, other ACFT circuits to S or W. Other ACFT must not infringe glider circuit BLW 2,000FT AGL. Right hand circuits RWY 08 and 17. Gliders/tugs right hand circuits glider strip RWY 26 and 35.
4. Tugs towing gliders DEP glider strip 26 turn in the direction of the circuit by the earlier of either the AD boundary or 200FT AGL.

5. WHERE POSSIBLE ACFT SHOULD CONFORM TO ESTABLISHED RWY DIRECTION IN USE. Join circuit in downwind position or upwind along RWY 08/26 or 17/35.
6. If use of a crossing RWY is operationally necessary a wide circuit to join a long final clear of established circuit traffic is advised. On DEP maintain RWY heading until clear of traffic.
7. No provision for a straight in APCH to RWY 26 at night.

CTAF 125.6

NOISE ABATEMENT PROCEDURES

1. NOISE ABATEMENT: RWY 17/35 fly wide circuits to avoid overflying Benalla township.
2. RWY 26 maintain RWY heading to 1,000FT AGL or until beyond hospital to left of extended centre line.

ADDITIONAL INFORMATION

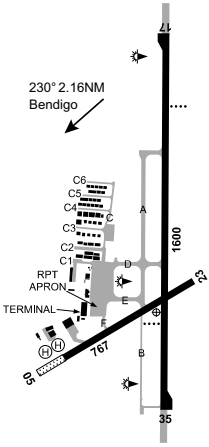
1. CAUTION: Restricted area for Benalla explosive plant, R364 (1NM RAD of 362918S 1455935E, SFC - 2,000FT) is BTN 2.8 and 4.8NM N of AD on RCL for RWY 17/35. ACFT should be at or ABV 2,000FT (1,450FT AGL APRX) at 2.8NM N of AD.
2. Manned balloon OPS may occur in 3HR following first light and 2HR preceding last light.
3. Animal hazard (kangaroos and birds) exist.
4. All pedestrians must wear high visibility clothing when airside. Failure to do so may result in an infringement of $396, as per Benalla Rural City Council Community Local Law 2017 Clause 9 (Council Signs).
5. Gliding OPS HJ. Simultaneous OPS from parallel glider strips.

CHARTS RELATED TO THE AERODROME

1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

BENDIGO — ELEV 710

AVFAX CODE 3021



VIC — UTC +10 — YBDG
364421S 1441947E — VAR 11 DEG E — CERT

AD OPR City of Greater Bendigo, PO Box 733, Bendigo, VIC, 3552.
Email: airport@bendigo.vic.gov.au. PH 1300 002 642. ARO 0499 700 128.
Website: www.bendigoairport.com.au.

REMARKS

1. AD fees apply refer to website for details.
2. This AD is a Security Controlled Airport. A valid ASIC must be displayed when airside.
3. Australian standards approved hi-visibility clothing/vest to be worn whilst on APN, TWY and RWY.
4. PPR for all PRKG on RPT APN. CTC ARO mobile.

HANDLING SERVICES AND FACILITIES

Skyfuel: AVGAS and JET A1. H24 self-service bowsers accepts MC, V and Skyfuel Carnet card. PH 0418 862 100 or 0417 780 280. Refer to www.skyfuel.com.au for site information and orientation.
IOR Aviation Pty Ltd: JET A1 by tanker. H24. $130 call-out fee applies outside 0800 - 1700 Local. PH Justin 0428 179 873.
Bendigo Ground Airport Services: Fixed Base Operator (FBO) service including ground transport. AVBL 24H with PN. CTC Justin HJ JO PH 0408 574 094 or visit www.bendigo-ground.com.au for more information.

APRONS AND TAXIWAYS

Code C ACFT APN access via TWY D only. All other TWY 5,700KG MTOW.

AERODROME OBSTACLES

1. Lit TWR:
   a. 889FT AMSL BRG 276 DEG MAG 0.95 NM FM ARP. Infringes inner HZS by 52FT.
   b. 852FT AMSL BRG 231 DEG MAG 1.85 NM FM ARP. Infringes inner HZS by 15FT.
2. Building spire 941FT AMSL BRG 201 DEG MAG 2.01NM FM ARP. Infringes inner HZS by 104FT.

Information may be continued on the next page: PTO

3. Phone TWR 879FT AMSL BRG 222 DEG MAG 1.21NM FM ARP. Infringes inner HZS by 42FT.
4. Transmission TWR:
   a. 1,059FT AMSL BRG 187 DEG MAG 2.82NM FM ARP. Infringes COS by 94FT.
   b. 1,087FT AMSL BRG 193 DEG MAG 3.01NM FM ARP. Infringes COS by 62FT.
   c. 1,050FT AMSL BRG 180 DEG MAG 2.72NM FM ARP. Infringes COS by 116FT.
   d. 977FT AMSL BRG 176 DEG MAG 2.57NM FM ARP. Infringes COS by 93FT.
   e. 918FT AMSL BRG 172 DEG MAG 2.47NM FM ARP. Infringes COS by 65FT.
   f. 869FT AMSL BRG 167 DEG MAG 2.37NM FM ARP. Infringes inner HZS by 32FT.
   g. 838FT AMSL BRG 162 DEG MAG 2.30NM FM ARP. Infringes inner HZS by 1FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 03 8470 3203 - Report faults to BoM.
3. AWIS FREQ 128.15 - (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	050	25a	5700 kg/0.65 MPa 130(427) W end grass.	WID 18	RWS 60
17/35	171	52a	PCR 210/F/D/1.40 MPa/T	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 17/35	LIRL	AFRU+PAL 119.3		SDBY PWR AVBL
RWY 17/35	PAPI(1)	AFRU+PAL 119.3	3.0 DEG50FT	SDBY PWR AVBL

(1) Left side only.

RWY 17/35 edge light spacing: 60M.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 SEC.
2. RWY guard lights (RGL) at RWY/TWY intersections.
3. TWY LGT: Blue edge on D.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	126.8 Circuit area

LOCAL TRAFFIC REGULATIONS

1. Circuit activity not permitted BTN 2200-0700 Local.
2. ACFT engine run up not permitted on RPT APN.
3. All Code C ACFT must roll through and use RWY turning nodes and MAX radius turns on RWY and APN.
4. ACFT advised to use tie-down near SkyFuel APN due to heavy prop wash from rotary ACFT.
5. All ACFT departures (other than touch and go operations) to commence takeoff roll from end of RWY to maximise height over residential areas after takeoff.
6. HEL 2 is AVBL for public use. CTC ARO prior for use. AVBL during daylight hours and in VMC. HEL weight is RESTR to 9,000KG. HEL diameter RESTR to 18.5M.
7. HEL 1 is for private use only.
8. Taxilane C, C1, C2, C3, C4, C5 and C6:
   a. 15M wingspan limitation applies.
   b. Pilots to exercise caution while taxiing near parked ACFT and structures.

FLIGHT PROCEDURES

Right hand CCTS RWY 05 and RWY 35.

CTAF - AFRU 119.3

ADDITIONAL INFORMATION

1. Bendigo is a high density training aerodrome.
2. Wildlife hazard exists:
   a. Refer to NOTAM for seasonal INFO.
   b. Flying fox in VCY of AD particularly 30MIN FM last light.

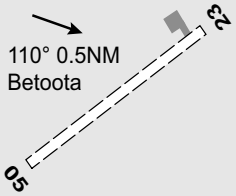
CHARTS RELATED TO THE AERODROME

1. WAC 3469, 3470.
2. Also refer to AIP Departure and Approach Procedures.

BETOOTA

ELEV 248

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YBEO
254142S 1404412E VAR 7 DEG E UNCR
AD OPR Diamantina Shire Council, 17 Herbert Street, Bedourie, QLD, 4829. PH 07 4746 1600. ARO 07 4656 4949. Fax 07 4746 1272. ARO Fax 07 4656 4950.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	125.4 4000FT

CTAF 126.7

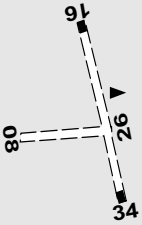
CHARTS RELATED TO THE AERODROME

WAC 3342.

BEVERLEY (WA)

ELEV 720

FULL NOTAM SERVICE NOT AVBL



WA UTC +8 YBEV
320729S 1165700E VAR 1 DEG W UNCR
AD OPR Shire of Beverley, PO Box 20, Beverley, WA, 6304.
Email: admin@beverley.wa.gov.au. PH 08 9646 1200 (H24).

REMARKS

Nil landing fees.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL.

PHYSICAL CHARACTERISTICS

08/26	30c	Unrated. Gravel. RWY LEN 900M.	WID 40
16/34	48a/c	Unrated. Gravel. Bitumen strip 11M wide FM W side. RWY LEN 1,460M.	WID 40

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	120.3

LOCAL TRAFFIC REGULATIONS

Bitumen in front of hangars is for Beverley Soaring Society tug parking and RFDS.

FLIGHT PROCEDURES

Right hand circuits when OPR RWY 34.

CTAF 126.85

ADDITIONAL INFORMATION

1. Extensive glider OPS HJ. Radio equipped ACFT monitor the CTAF.
2. Glider tugs may OPS contra rotating circuits in busy launching and glider recovery periods.
3. MET information refer to: http://wind.beverley-soaring.org.au/.
4. Animal hazard exists.

CHARTS RELATED TO THE AERODROME

WAC 3462.

Information may be continued on the next page: PTO

BEVERLEY MINE

ELEV 382

FULL NOTAM SERVICE NOT AVBL



SA		UTC +9:30	YBEE
301112S	1393330E	VAR 7 DEG E	UNCR

AD OPR Heathgate Resources Pty Ltd, Suite 1, Level 7, 25 Grenfell Street, Adelaide, SA, 5000. PH 08 8110 0500 (Heathgate Head Office): 08 8648 4650. Fax 08 8648 4628.

REMARKS

1. Private ALA. Restricted OPS. PPR.
2. Landing charges apply. Contact AD operator.

AERODROME AND APPROACH LIGHTING

RWY 01/19 RWY edge lighting spacing: 90M. CTC Beverley 30 MIN PN to enable activation. Portable SDBY lighting AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	121.2 5500FT

LOCAL TRAFFIC REGULATIONS

1. Contact 'Beverley Base' 127.475 inbound.
2. All aircraft must use nodes for 180DEG turns.

FLIGHT PROCEDURES

Straight-in approach not permitted.

CTAF 126.7

ADDITIONAL INFORMATION

Possible dense traffic including survey and jet ACFT.

CHARTS RELATED TO THE AERODROME

WAC 3355.

BINDOON HILL

ELEV 925

FULL NOTAM SERVICE NOT AVBL

WA		UTC +8	YBHL
312025S	1161118E	VAR 1 DEG W	UNCR

AD OPR Superlight Aircraft Club of WA, PO Box 293, Bindoon, WA, 6502. Email: secretary@slacwa.org.au. PH AD MGR 0492 930 303.

REMARKS

1. PPR.
2. Previously known as Bindoon Abandoned.
3. See SLACWA Standard Operating Procedures at www.slacwa.org.au.
4. AD located within R155B.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL.

PHYSICAL CHARACTERISTICS

09/27	46a/c	Unrated. Bitumen and gravel. RWY LEN 1,400M. 900M FM RWY 09 THR bitumen.	WID 40

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	120.3

LOCAL TRAFFIC REGULATIONS

Carriage and use of radio is required by AD OPR.

FLIGHT PROCEDURES

Right hand circuits RWY 27, avoid overflying houses on south side of Dewars Pool Rd, permission RQ before use.

CTAF 126.7

ADDITIONAL INFORMATION

1. Recreational aircraft club, ultralights, motor gliders, homebuilts, vintage, gryroplanes, helicopters, trikes and powered parachutes.
2. Further information contact ARO.
3. AD is published on Perth VNC

CHARTS RELATED TO THE AERODROME

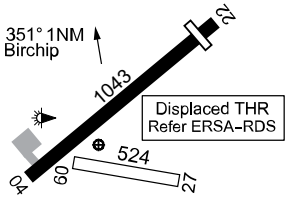
WAC 3351, 3462.

BIRCHIP — ELEV 340

AVFAX CODE 3009

VIC		UTC +10	YBIR
355959S	1425503E	VAR 10 DEG E	CERT

AD OPR Buloke Shire Council, PO Box 1, Wycheproof, VIC, 3527. PH 1300 520 520. Fax 03 5493 7395.



REMARKS

AD not AVBL to ACFT ABV 5,700KG MTOW.

AERODROME OBSTACLES

1. Lit TWR 518FT AMSL 349 DEG MAG 1.1NM FM ARP.
2. Powerlines 36FT high, 340 W of RWS 09/27 and 360 SW of RWS end 04/22.
3. Grain silo - 38M high and 600M S FM RWY 04/22 and RWY 09/27 ends (W end of RWY). Silo is equipped with NAV red lights indicating height of silo.

PHYSICAL CHARACTERISTICS

04/22	041	34a	5700 kg/0.45 MPa	WID 18	RWS 90
09/27	087	17c	Unrated. Grassed sand clay	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 04/22 LIRL PAL 122.2
RWY edge light spacing: 04/22: 99M.

OTHER LIGHTING

TWY LGT: Blue edge with amber at holding point.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.8 Circuit area

CTAF 126.7

CHARTS RELATED TO THE AERODROME

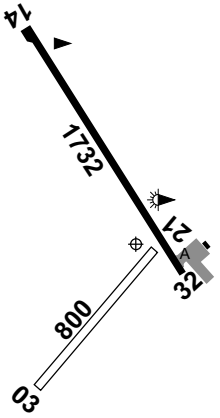
WAC 3458, 3469.

Information may be continued on the next page: PTO

BIRDSVILLE

ELEV 159

AVFAX CODE 4114



QLD UTC +10 YBDV
255351S 1392051E VAR 6 DEG E CERT
AD OPR Diamantina Shire Council, 17 Herbert Street, Bedourie, QLD, 4829. Email: birdsvilleairport@diamantina.qld.gov.au.
PH 07 4746 1600: 07 4564 2093. ARO 07 4564 2093 or 0407 146 902.

REMARKS

1. ARO requires 15MIN PN.
2. Landing and parking fees apply, CTC AD OPR for details and instructions.
3. The Birdsville Race period held late August to early September each year attracts different procedures. Check SUP published on the Airservices Australia website in the month prior to the event for more information.
4. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

Birdsville Aviation Fuel: 0700-1900 Local. Call-out fee applies outside these HR. PH 07 4656 3244, Fax 4656 3262. Outside HJ 2HR PN. AVGAS, JET A1 (tanker), O117, O125. Cash and credit card for JET A1. Fuelcharge only for AVGAS.

PASSENGER FACILITIES

LG/WC.

AERODROME OBSTACLES

1. COM TWR 305FT AMSL BRG 073 DEG MAG 792M FM ARP. Infringes TNS by 7FT. Lit and unmarked.
2. Lit and unmarked QPF aerials:
   a. 196FT AMSL BRG 144 DEG MAG 361M FM ARP. Infringes TNS by 18FT.
   b. 200FT AMSL BRG 150 DEG MAG 326M FM ARP. Infringes TNS by 6FT.
   c. 202FT AMSL BRG 154 DEG MAG 328M FM ARP. Infringes TNS by 19FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 07 3564 3703 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

03/21	033	26c	Unrated. Brown silt clay	WID 18	RWS 60
14/32	142	57a	PCR 100/F/B/0.85 MPa/U Sealed	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 14/32 LIRL(1) AFRU+PAL 126.7 SDBY PWR AVBL
(1) SDBY PWR 15MIN PN.
RWY edge light spacing: 14/32: 60M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.4 On ground

RADIO NAVIGATION AND LANDING AIDS

NDB BDV 413 255346.6S 1392112.3E Range 40 (HN 40)

LOCAL TRAFFIC REGULATIONS

Due to LTD APN area, all hardstand ACFT PRKG is allocated by the AD OPR. CTC ARO MOB.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Bird hazard may exist. Species specific NOTAM will be raised during periods of increased activity.

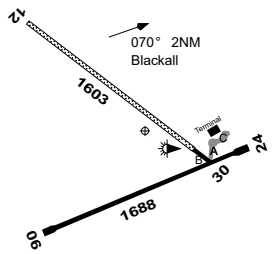
CHARTS RELATED TO THE AERODROME

1. WAC 3342.
2. Also refer to AIP Departure and Approach Procedures.

BLACKALL

ELEV 928

AVFAX CODE 4105



QLD UTC +10 YBCK
242540S 1452543E VAR 8 DEG E CERT
AD OPR Blackall - Tambo Regional Council, PO Box 21, Blackall, QLD, 4472. PH 07 4621 6600. ARO 0461 305 475: 0488 574 107: AD MGR 0488 574 703 H24. Fax 07 4657 8855.

REMARKS

1. AD Charges: All ACFT.
2. AD OPR HR 0830-1645 Local MON-FRI.

HANDLING SERVICES AND FACILITIES

Blackall Aviation Fuels: JET A1 and AVGAS AVBL H24. Self serve bowsers ACT by V, MC and EFTPOS. Fuel enquiries 0417 624 422.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 07 3564 3704 - Report faults to BoM.
3. AWIS FREQ 128.45 (requires one-second pulse to activate) - Report Faults to AD OPR.

PHYSICAL CHARACTERISTICS

06/24	059	55a	Unrated. Sealed.	WID 30	RWS 90
12/30	119	53c	Unrated. Grey sand clay. Sealed 73(239) SE end	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 06/24 LIRL AFRU+PAL 126.7
RWY edge light spacing: 06/24: 60M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.1 6000FT

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Animal and bird hazard exists.

CHARTS RELATED TO THE AERODROME

1. WAC 3341.
2. Also refer to AIP Departure and Approach Procedures.

BLACKWATER

ELEV 658

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YBTR
233611S 1484825E VAR 9 DEG E UNCR
AD OPR Blackwater Operations Pty Ltd, GPO Box 3224, Brisbane, QLD, 4001. PH AD MGR 0437 817 995.

REMARKS

1. This AD is NOT a Security Controlled Airport.
2. AD not AVBL EXC for MED OPS ACFT.

AERODROME OBSTACLES

1. Dragline crane, 197FT AGL, 1,200M E of RWY may infringe HZS. Lit HN.
2. TWR lit, not marked. 912FT, BRG 070M/1,535M FM ARP infringes HZS by 108FT.

Information may be continued on the next page: PTO

PHYSICAL CHARACTERISTICS
18/36 38a Unrated. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING
RWY 18/36 LIRL(1)
(1) EMERG only. PPR

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 122.3 Circuit area

CTAF 126.7

ADDITIONAL INFORMATION
1. Possibility of kangaroos on movement area.
2. Blasting takes place at various sites near AD, SFC-2,500FT AGL. Prior to operating at Blackwater, all pilots should phone 07 4980 5725 to confirm blasting activity. By prior arrangement, no blasting occurs 1 hour either side of RPT movements.

CHARTS RELATED TO THE AERODROME
WAC 3234, 3235.

BLOSSOM BANKS

AVFAX CODE 9906 **FULL NOTAM SERVICE NOT AVBL**

QLD UTC +10 YBSM
194329S 1502529E VAR 8 DEG E UNCR
AD OPR Auriga Group, 14 Argyle St, Albion, QLD, 4010. Email: eastcoastaviation@auriga.com.au. ARO 0438 862 962.

REMARKS
1. PPR.
2. Private use.
3. All enquiries to Head of Flying Operations (HOFO) via AD OPR. Include “ATTN HOFO” in email subject.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 135.5

CTAF 126.7

ADDITIONAL INFORMATION
Approach for HEL marine pilot transfer.

CHARTS RELATED TO THE AERODROME
Refer to AIP Departure and Approach Procedures.

BLUEWATER PARK

ELEV 110
FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YBLP
191130S 1462936E VAR 7 DEG E UNCR
AD OPR Bluewater MFS Pty Ltd, PO Box 1932, Southport, QLD, 4215.
Email: admin@bluewaterairport.com. Website: www.bluewaterairport.com.

REMARKS
1. PPR and AD information CTC 0407 356 948.
2. RA Aus and GA OPS combined.
3. Townsville Flyers Inc. 426 Blue Mountain Drive, Bluewater Park QLD 4812. Email: admin@bluewaterairport.com, PN required for gate entry services PH 0458 704 656.

HANDLING SERVICES AND FACILITIES
AVGAS and MOGAS AVBL with PN from Townsville Flyers Inc. Payment by prior arrangement on account or cash only.

PASSENGER FACILITIES
WC (limited).Transport AVBL with PN to Townsville Flyers Inc.

PHYSICAL CHARACTERISTICS

02L/20R	49a/c	Unrated. Sealed first 1,100M northern end, remaining 400M grass. RWY LEN 1,500M. Gravel OPS due SFC degradation.	WID 20
02R/20L	30c	1800 kg Unrated. Grass. SWS after heavy rain. RWY LEN 900M. 5 DEG slope to E.	WID 14

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	120.55 On Ground
APP/DEP	TOWNSVILLE APPROACH	126.8
ATIS	TOWNSVILLE ATIS	133.5
UNICOM	BLUEWATER PARK UNICOM	126.7 (1)

(1) UNICOM often AVBL on CTAF. Ground based vehicular/pedestrian traffic to monitor CH 01 UHF.

LOCAL TRAFFIC REGULATIONS

1. Training danger area D764 often used by MIL OPS and controlled/monitored by YBTL APP.
2. Use rolling start and power up slowly due gravel on non-grass area.
3. Conduct run-ups on grass, never on stone/gravel areas.
4. Parking pads are bitumen with sections of gravel (medium strength subgrade). Hardened (medium strength) subgrade grass/gravel parking areas.
5. ACFT greater than 5,000KG must stay to hardened RWY and TWY.

FLIGHT PROCEDURES

1. Dead side always west. Circuit join via upwind 1,600FT preferred.
2. Maintain tight circuit to east to avoid residential areas.
3. Avoid overfly of isolated nearby homes.

CTAF 126.7

ADDITIONAL INFORMATION

1. AD used by helicopters, ultralights and model ACFT.
2. Model ACFT operations may occur up to 400FT WI vicinity of ARP. Contact ARO prior to operating to/from ALA.
3. Most ACFT movement areas are all weather.

CHARTS RELATED TO THE AERODROME

WAC 3219.

BOIGU ISLAND

ELEV 10

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YBOI

09 27

91400S 1421300E VAR 4 DEG E UNCR

AD OPR Torres Strait Island Regional Council, PO Box 7336, Cairns, QLD, 4870. PH 07 4034 5700. ARO 0427 907 587 (H24).

REMARKS

Restricted OPS: PPR from AD OPR.

AERODROME OBSTACLES

RWY 09/27 transitional SFC infringed by tree growth both sides of RWY.

PHYSICAL CHARACTERISTICS

RWY 09/27 sealed - unrated 730M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	120.3 3500FT

FLIGHT PROCEDURES

For special procedures which apply to Torres Strait biosecurity requirements, see ERSA GEN - SPECIAL PROCEDURES.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

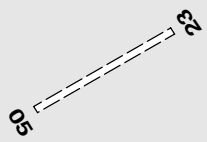
WAC 3097.

Information may be continued on the next page: PTO

BOLLON

ELEV 597

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YBLL
280313S 1472842E VAR 10 DEG E UNCR
AD OPR Balonne Shire Council, PO Box 201, St George, QLD, 4487.
PH 07 4620 8888. ARO 4625 6256. PH AH 4625 4496: 0427 740 268: 4625 3955: 0428 253 955.

PASSENGER FACILITIES

PT

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	118.95 10000FT

CTAF 126.7

ADDITIONAL INFORMATION

Bird hazard exists.

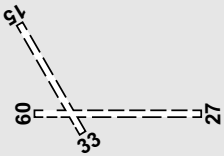
CHARTS RELATED TO THE AERODROME

WAC 3356.

BOMBALA

ELEV 2480

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YBOM
365418S 1491100E VAR 13 DEG E UNCR
AD OPR Bombala Shire Council, PO Box 105, Bombala, NSW, 2632.
Council PH 02 6458 3555.

REMARKS

No landing charges.

PHYSICAL CHARACTERISTICS

RWY 09/27 slopes up to E. Grass SFC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	120.75

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3470.

BOOLEROO CENTRE

ELEV 1372

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YBOC
325324S 1382200E VAR 8 DEG E UNCR
AD OPR District Council of Mount Remarkable, PO Box 94, Melrose, SA, 5483.
Email: postmaster@mtr.sa.gov.au. PH 08 8666 2014. Fax 08 8666 2169.

REMARKS

PPR

AERODROME AND APPROACH LIGHTING

RWY 17/35 LIRL PAL 120.05.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	123.9 On ground

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3458, 3459.

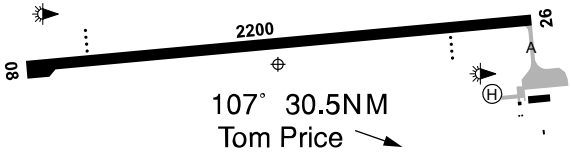
BOOLGEEDA

ELEV 1870

AVFAX CODE 6825

WA		UTC +8	YBGD
223228S	1171610E	VAR 1 DEG E	CERT

AD OPR Hamersley Iron Pty Ltd, Level 18, Central Park, 152-158 St Georges Terrace, Perth, WA, 6000. Email: bgdairport@amsaustralia.com. PH AD Manager 08 6213 9002, if not AVBL phone 0448 077 353.



REMARKS

Restricted OPS: 24HR PPR from AD OPR (AD Manager).

HANDLING SERVICES AND FACILITIES

VIVA Energy: VIVA Energy Australia Pty Ltd 2200-1000 UTC MON-FRI. AH by arrangement, PN. PH 0409 897 890. JET A1 VIVA Fuel2Sky Carnet card.

APRONS AND TAXIWAYS

TWY A - Code C, WID 18M, bitumen seal.

AERODROME OBSTACLES

1. Extensive terrain penetrations:
   a. 2,943FT AMSL PSN BTN BRG 293-045 DEG MAG 2,000-7,000M FM ARP.
   b. 3,153FT AMSL PSN BTN BRG 075-093 DEG MAG 12,000-16,000M FM ARP.
   c. 2,494FT AMSL PSN BTN BRG 112-159 DEG MAG 4,000-7,000M FM ARP.
2. Lit mast 2,096FT AMSL, PSN 223415.51S 1171810.75E. Infringes COS by 72FT.
3. MIOL for terrain penetrations of the COS, Inner HZS and APCH SFC:
   a. 2,953FT AMSL, PSN 222925.61S 1171724.56E APRX BRG 018 DEG MAG 3.19NM FM ARP. Infringes COS by 719FT.
   b. 2,693FT AMSL, PSN 223000.08S 1171644.73E APRX BRG 009 DEG MAG 2.53NM FM ARP. Infringes COS by 630FT.
   c. 2,552FT AMSL, PSN 223013.13S 1171543.85E APRX BRG 348 DEG MAG 2.29NM FM ARP. Infringes inner HZS by 535FT.
   d. 2,470FT AMSL, PSN 223048.72S 1171434.89E APRX BRG 317 DEG MAG 2.28NM FM ARP. Infringes inner HZS by 453FT.
   e. 3,162FT AMSL, PSN 223034.23S 1172426.20E APRX BRG 075 DEG MAG 7.84NM FM ARP. Infringes APCH SFC by 801FT.
   f. 2,687FT AMSL, PSN 223127.76S 1172437.70E APRX BRG 081 DEG MAG 7.80NM FM ARP. Infringes APCH SFC by 325FT.
   g. 2,604FT AMSL, PSN 223228.49S 1172418.52E APRX BRG 090 DEG MAG 7.48NM FM ARP. Infringes APCH SFC by 243FT.
   h. 2,503FT AMSL, PSN 223456.65S 1171741.74E APRX BRG 150 DEG MAG 2.82NM FM ARP. Infringes COS by 322FT.
4. Unlit APN flood LGT:
   a. 1,944FT AMSL BRG 095 MAG 0.61NM FM ARP. Infringes TNS by 2FT.
   b. 1,943FT AMSL BRG 095 MAG 0.59NM FM ARP. Infringes TNS by 1FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS FREQ 122.475 (requires three one-second pulses to activate) - Report faults AD OPR.

PHYSICAL CHARACTERISTICS

08/26	084	72a	PCR 400/F/A/X/T Sealed		WID 45	RWS 300

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING

RWY 08/26	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL
RWY 08/26	PAPI(1)	AFRU+PAL 126.7	3.0 DEG49FT	SDBY PWR AVBL
RWY 08/26	PTBL(2)			BY PRIOR ARRANGEMENT

(1) Left side.
(2) EMERG only. 3HR PN.

OTHER LIGHTING

1. SDBY PWR switchover time: 30 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.7 CCT area
BASE	BOOLGEEDA BASE	127.225 (1)

(1) All OPS: Advise AD OPR at least 20 MIN prior to ETA.

LOCAL TRAFFIC REGULATIONS

1. All ACFT to use turning nodes, MAX radius turns at MNM speed.
2. All ACFT ABV 5,700KG MTOW must park on marked bays using appropriate lead-in lines.
3. Unlit HEL PRKG AVBL, with marked pad, 200M W of terminal building.
4. HEL to park clear of ring road to allow fuel tanker access.

FLIGHT PROCEDURES

Right hand CCTS only RWY 08.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

1. Open pit mine blasting within 5NM S and SW of AD SFC - 2,000FT.
2. Caution: YBGD is in close proximity to YEWA (APRX 22NM WNW of YBGD). The APCH/DEP tracks cross close to the ground.

CHARTS RELATED TO THE AERODROME

1. WAC 3229.
2. Also refer to AIP Departure and Approach Procedures.

BOOMI

ELEV 580
FULL NOTAM SERVICE NOT AVBL



NSW		UTC +10	YBMI
284344S	1493544E	VAR 10 DEG E	UNCR

AD OPR Moree Plains Shire Council, PO Box 420, Moree, NSW, 2400. PH 02 6757 3222: Police 02 6753 5244: Ambulance 131 233. ARO 0428 681 167.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	118.95 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION

1. Beware of trees at N end.
2. Animal hazard exists.

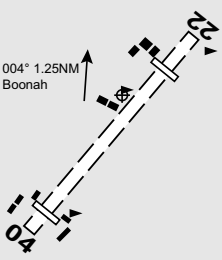
CHARTS RELATED TO THE AERODROME

WAC 3356 and 3357.

BOONAH

ELEV 330

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YBOA
280103S 1524036E VAR 11 DEG E UNCR
AD OPR Boonah Aviation Inc, PO Box 385, Boonah, QLD, 4310.
PH 0437 767 800 (Nigel Arnott).

REMARKS

1. Landing fee of $10.00 to all non BAI member aircraft payable in the box on the verandah, Boonah Gliding Club.
2. Standard HR for ACFT (other than gliders and circuit training) will be first light to last light.
   a. No circuit flying before 0700 Local Monday to Saturday and before 0900 Local Sunday.
   b. No departures RWY 04 before 0700 Local.

HANDLING SERVICES AND FACILITIES

IOR AVGAS - H24 credit card via IOR APP, cash services AVBL via Ultimate Aero Pty Ltd - Contact AD OPR.

PASSENGER FACILITIES

WC/TX 07 5462 4177 or 131 008/ME 0437 767 800.

PHYSICAL CHARACTERISTICS

04/22 34c Unrated. Grass. RWY LEN 1,030M.
CTC AD OPR for RWY declared distances.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 119.5 On ground

LOCAL TRAFFIC REGULATIONS

1. Carriage and use of radio is required by AD OPR.
2. Hump in RWY limits line of sight, radio calls confirming the RWY is in use must be made prior to entering the RWY and landing.
3. Tug and glider combination DEP RWY 04 may turn right.

FLIGHT PROCEDURES

Visiting ACFT not permitted to do straight-in approaches.

CTAF 122.75

NOISE ABATEMENT PROCEDURES

Note: Compliance with the following Noise Abatement Procedures does not affect a pilot's responsibility to operate in accordance with civil aviation legislation and procedures.

1. Pilots are requested to avoid the following:
   a. Low flying over the township and houses.
   b. Overflying the church located west of RWY 04 (especially before 0900 Local SUN).
2. Preferred RWY 22.
3. Departures form RWY 04 - pilots are requested to maintain RWY heading until past the township.
4. Visiting ACFT: touch and go landings not permitted.
5. Precautionary search and landing training not permitted.

ADDITIONAL INFORMATION

1. Ultralight, gliding and recreational ACFT OPS and training.
2. Winch launching and aero-tow for glider OPS.
3. Warning: kangaroo hazard exists.
4. CAUTION: Use only white midfield WDI for RWY direction, others are spot references.

CHARTS RELATED TO THE AERODROME

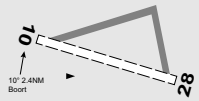
WAC 3357.

Information may be continued on the next page: PTO

BOORT

ELEV 294

FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YBBT
360814S 1434314E VAR 11 DEG E UNCR
AD OPR Shire of Loddon, PO Box 21, Wedderburn, VIC, 3518.
ARO 0428 554 225: 0419 527 150. Council PH BH 03 5494 1200.

AERODROME AND APPROACH LIGHTING

1. Lighting on request.
2. PAL - 120.65.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.8 Circuit area

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3469.

BORDERTOWN

ELEV 265

FULL NOTAM SERVICE NOT AVBL

SA UTC +9:30 YBOR
361618S 1404318E VAR 9 DEG E UNCR
AD OPR District Council of Tatiara, 43 Woolshed Street, Bordertown, SA, 5268. PH 08 8752 1044. Fax 08 8752 1442.

AERODROME OBSTACLES

RWY approach N end transition SFC infringed by trees both sides.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 135.45 4,000FT

CTAF 126.7

ADDITIONAL INFORMATION

Gliding OPS HJ, JF. Wire Launching.

CHARTS RELATED TO THE AERODROME

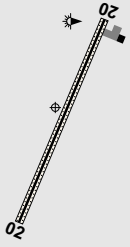
WAC 3469.

BORROLOOLA

ELEV 55

AVFAX CODE 8003

FULL NOTAM SERVICE NOT AVBL



NT UTC +9:30 YBRL
160431S 1361808E VAR 4 DEG E UNCR
AD OPR Department of Infrastructure, Planning and Environment, PO Box 2520, Darwin, NT, 0801. PH 08 8924 7202. ARO 08 8975 8799.

HANDLING SERVICES AND FACILITIES

Borroloola Aerial Services: AVGAS and JET A1 AVBL H24 via self-serve bowsers activated by credit card, Compac Pay APP and Borroloola Aerial Services carnets. No cash or cheque. TEL BH 0411 055 039. Email: admin@basfuel.com.au. Website: www.basfuel.com.au.

PASSENGER FACILITIES

AC/RF/WC.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 08 7922 2502 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

02/20

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 128.5 3000FT

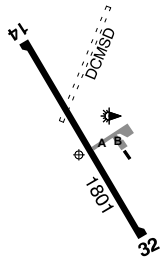
CTAF 126.7

ADDITIONAL INFORMATION
Bird hazard exists.

CHARTS RELATED TO THE AERODROME
WAC 3221.

BOULIA ELEV 542

AVFAX CODE 4322



QLD UTC +10 YBOU
225448S 1395359E VAR 6 DEG E CERT
AD OPR Boulia Shire Council, Herbert Street, Boulia, QLD, 4829.
PH 07 4746 3188. ARO 0427 163 773 or 0428 725 580.
Website: www.boulia.qld.gov.au.

REMARKS
1. This AD is a Security Controlled Airport.
2. AD Charges: refer to website.

HANDLING SERVICES AND FACILITIES
Boulia Shire Council: H24, CTC AD OPR (2300-0700 UTC), AH CTC ARO or 0427 128 212. AVGAS 24HR self-service. EFTPOS accepted. JET A1 by prior arrangement - drums only, 24HR PN required. Refuelling fees apply - refer to website.

PASSENGER FACILITIES
WC.

PHYSICAL CHARACTERISTICS
14/32 143 59a PCR 130/F/D/0.87 MPa/U WID 30 RWS 150

AERODROME AND APPROACH LIGHTING
RWY 14/32 LIRL(1) AFRU+PAL 126.7 SDBY PWR AVBL
(1) 60M spacing

OTHER LIGHTING
Secondary PWR switchover time: the expected activation time is 20 MIN.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 122.4 FL135

RADIO NAVIGATION AND LANDING AIDS
NDB BOU 398 225453.2S 1395425.1E Range 75 (HN 75)

CTAF - AFRU 126.7

ADDITIONAL INFORMATION
1. Bird and animal hazard may exists.
2. Unusual seasonal bird activity may occur. Refer to NOTAM.

CHARTS RELATED TO THE AERODROME
1. WAC 3233.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

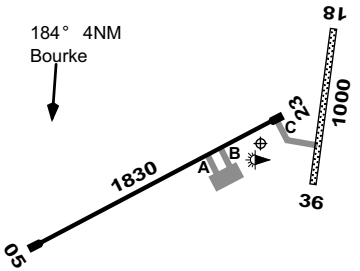
BOURKE

ELEV 352

AVFAX CODE 2230

NSW		UTC +10	YBKE
300219S	1455707E	VAR 10 DEG E	CERT

AD OPR Bourke Shire Council, PO Box 21, Bourke, NSW, 2840. PH 02 6830 8000.
ARO David Mathews 0455 479 779. PH AH 0419 722 055.



HANDLING SERVICES AND FACILITIES

VIVA Energy Aviation: Central West Aviation Fuels. PH: 0448 821 146, Fax 02 6882 7522. H24 AVGAS and JET A1 Card Swipe Bowsers. VIVA Fuel2Sky fuel card and credit card (V and MC). JET A1 underwing refuelling available by arrangement.

AERODROME OBSTACLES

Unlit antenna 32FT AGL BRG 078 MAG 149M FM ARP. Infringes transitional SFC by 7FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 02 9353 6405 - Report faults to BoM.
3. AWIS FREQ 122.875 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	053	60a	PCR 100/F/B/0.60 MPa/U	WID 30	RWS 150
18/36	178	33c	5700 kg/0.65 MPa Yellow gravel.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 05/23 LIRL AFRU+PAL 126.7 SDBY PWR AVBL
RWY edge light spacing: 05/23: 60M.

OTHER LIGHTING

1. SDBY PWR switchover time: 120 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.35 On ground

RADIO NAVIGATION AND LANDING AIDS

NDB BKE 389 300236.5S 1455657.6E Range 45 (HN 45) (1)
(1) Pilot monitored.

LOCAL TRAFFIC REGULATIONS

ACFT except RPT ACFT, must park in light ACFT area to W of TWY and APN.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Animal and bird hazard exists.

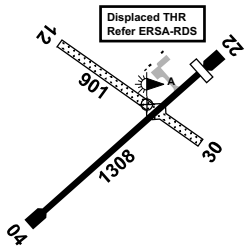
CHARTS RELATED TO THE AERODROME

1. WAC 3356.
2. Also refer to AIP Departure and Approach Procedures.

BOWEN

ELEV 26

AVFAX CODE 4404



QLD UTC +10 YBWN
200104S 1481255E VAR 8 DEG E CERT
AD OPR Whitsunday Regional Council, PO Box 104, Proserpine, QLD, 4800. PH 0407 672 404: 0417 762 235.

REMARKS

AD Charges: All ACFT.

HANDLING SERVICES AND FACILITIES

IOR Aviation Pty Ltd. AVGAS. Payment method via IOR Aviation tag for account holders or via the Fuelcharge APP phone 1300 457 467.

PASSENGER FACILITIES

LG (terminal building)/WC.

AERODROME OBSTACLES

1. Lit TWR:
   a. 242FT AMSL, 2,700M NE FM ARP. Infringes inner HZS.
   b. 267FT AMSL, BRG 046 MAG 1.38NM FM ARP.
2. Unlit terrain 673FT AMSL, 2,900M S FM ARP. Infringes COS.

PHYSICAL CHARACTERISTICS

04/22	040	43a	PCR 80/F/A/0.58 MPa/U Sealed WID 21.5M	WID 18	RWS 90
12/30	117	30c	PCR 60/F/A/0.35 MPa/U Gravel.	WID 23	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 04/22	LIRL	PAL 120.25	SDBY PWR AVBL
RWY 12/30	LIRL	PAL 120.25	SDBY PWR AVBL

RWY edge light spacing: 04/22: 90M; 12/30: 90M.

OTHER LIGHTING

1. SDBY PWR switchover time: 18 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	135.5 Circuit area

LOCAL TRAFFIC REGULATIONS

ACFT parking AVBL only on the asphalt APN or the ADJ gravel APN.

FLIGHT PROCEDURES

For noise abatement avoid unnecessary movements over township.

CTAF 126.7

ADDITIONAL INFORMATION

1. Agricultural OPS take place HJ WI 5NM RAD up to 500FT AGL.
2. Model ACFT operating WI the AD locality.
3. Wildlife hazards may exist. Species specific NOTAM will be raised during periods of increased activity.

CHARTS RELATED TO THE AERODROME

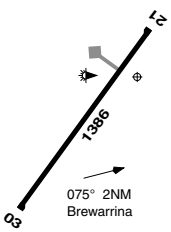
1. WAC 3234, 3235.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

BREWARRINA

ELEV 414

AVFAX CODE 2210



NSW UTC +10 YBRW
295826S 1464900E VAR 10 DEG E CERT
AD OPR Brewarrina Shire Council, PO Box 125, Brewarrina, NSW, 2839.
PH 02 6839 2106. PH 0408 768 585: 0427 392 101 (AH contact).

AERODROME OBSTACLES

MIOL - TWR 745FT AMSL BRG 120DEG M/2NM FM ARP.

PHYSICAL CHARACTERISTICS

03/21 026 45a Unrated. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 03/21 LIRL(1)
(1) MAN activation. CTC ARO 0427 392 101.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.35 Circuit area

CTAF 126.7

ADDITIONAL INFORMATION

1. Animal and bird hazard exists.
2. Key for terminal building AVBL from Shire Office. Phone 02 6839 2106, AH 6839 2026.

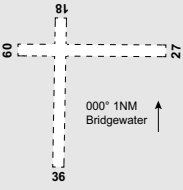
CHARTS RELATED TO THE AERODROME

1. WAC 3356.
2. Also refer to AIP Departure and Approach Procedures.

BRIDGEWATER

ELEV 500

FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YBGR
363700S 1435700E VAR 11 DEG E UNCR
AD OPR Intrepid Aviation, Fantasy Road, Bridgewater, VIC, 3516.
Email: info@ybgr.com.au. PH 0418 225 253.

REMARKS

PPR CTC AD OPR.

HANDLING SERVICES AND FACILITIES

AVGAS AVBL, CTC AD OPR.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 126.8 Circuit area

CTAF - AFRU 119.3

ADDITIONAL INFORMATION

Model ACFT OPS may occur WI AD boundary SFC - 2000FT AGL. CTAF monitored.

CHARTS RELATED TO THE AERODROME

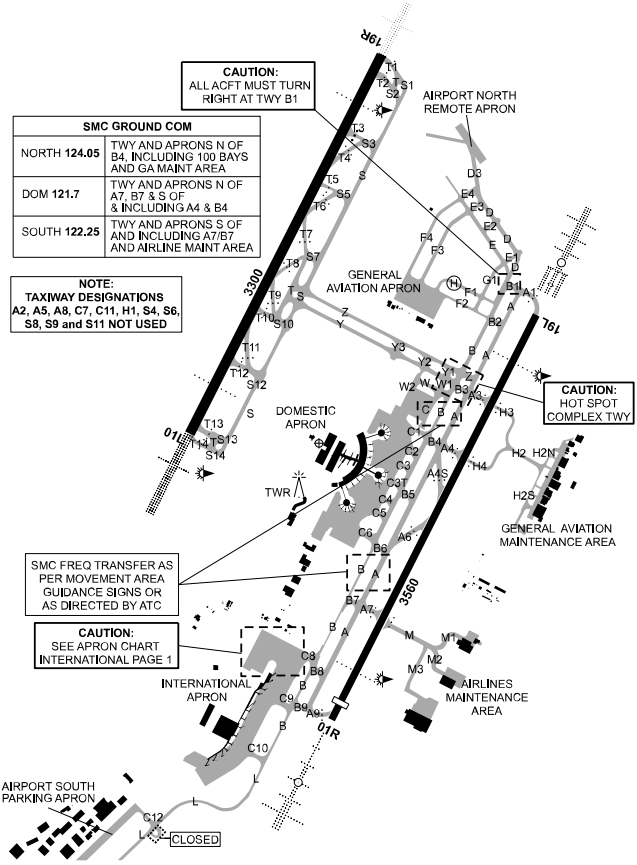
WAC 3469.

BRISBANE ELEV 15

AVFAX CODE 4001

QLD UTC +10 YBBN
272303S 1530703E VAR 11 DEG E CERT

AD OPR Brisbane Airport Corporation Pty Ltd, PO Box 61, Hamilton Central, QLD, 4007. Email: adm@bne.com.au: INTL OPS intops@bne.com.au: DOM and GA OPS domops@bne.com.au. PH H24 07 3406 3171: 0412 052 977. OPS (Safety/Security): H24 07 3406 3072. PH BH Executive General Manager Aviation OPS: 07 3406 3000. Website: www.bne.com.au.



REMARKS

1. AD Charges: All ACFT - Phone 07 3406 3000 during BH.
2. This AD is a Security Controlled Airport.
3. ACFT transporting dangerous goods or livestock require 4 days notice and prior approval.

HANDLING SERVICES AND FACILITIES

BP - Air Refuel Pty Ltd: H24. PH: 07 3860 5996 or 07 3860 5988, 0418 718 238. JET A1.
Ampol Aviation: H24. PH: 0438 753 572. JET A1.
Viva Energy Refuelling (or Aviation) – Jet Valet and GA: H24. PH: 1300 847 538. JET A1 and AVGAS. Fuel2Sky (Carnet) Card and credit cards (V and MC).
Contact details for FBO, catering, ground handlers, maintenance and other associated services are available from Brisbane Airport web address:
https://www.bne.com.au/corporate/work-at-bne/aviation-service-providers

Information may be continued on the next page: PTO

RESCUE AND FIREFIGHTING SERVICES

1. CAT 9 H24
2. 131.0 MHz AVBL H24. Request via ATC.
3. Water Rescue Service AVBL H24.

APRONS AND TAXIWAYS

Taxilane FM Logistic APN to Brenzil Hangar and FBO rated PCR 280/F/D/X/U.

SURFACE MOVEMENT AND GUIDANCE

Decommissioned stop bar microwave barrier devices. Support posts are installed at all RWY TWY intersections in the obstacle RESTR area.

AERODROME OBSTACLES

1. Lit building 900FT AMSL, PSN 272818.75S 1530143.45E APRX BRG 211 DEG MAG 7.07NM FM ARP. Infringes outer HZS by 396FT.
2. Lit high voltage pylon, 105FT AMSL, PSN 272240.55S 1530622.10E APRX BRG 342 DEG MAG 0.31NM FM RWY 01L THR. Infringes TNS by 13FT.
3. Cruise vessels MAX 241FT AMSL, BTN PSN 272244.30S 1530929.86E APRX BRG 071 DEG MAG 2.2NM FM ARP and PSN 272315.34S 1530917.15E APRX BRG 085 DEG MAG 2NM FM ARP. Infringes inner HZS by 82FT.
4. Lit buildings and cranes:
   a. BLDG, Cement Australia, 210FT AMSL, PSN 272449.4S 1530826.1E. Infringes inner HZS by 51FT.
   b. BLDG, Spire, Riparian Plaza, 839FT AMSL, PSN 272805.4S 1530149.4E. Infringes outer HZS by 335FT.
   c. BLDG, Aurora, 715FT AMSL, PSN 272754.5S 1530149.6E. Infringes outer HZS by 212FT.
   d. BLDG, Brisbane Square, 574FT AMSL, PSN 272813.9S 1530122.0E. Infringes outer HZS by 71FT.
   e. BLDG, Commonwealth Bank, 544FT AMSL, PSN 272800.7S 1530128.9E. Infringes outer HZS by 40FT.
   f. BLDG, Commonwealth Bank, 860FT AMSL, PSN 272803.8S 1530110.2E. Infringes outer HZS by 356FT.
   g. BLDG, Infinity Tower, 823FT AMSL, PSN 272744.5S 1530157.3E. Infringes outer HZS by 320FT.
   h. Crane at Port of Brisbane, 357FT AMSL, PSN 272155.2S 1531031.2E. Infringes conical SFC by 180FT.
   i. Crane at Port of Brisbane, 355FT AMSL, PSN 272124.0S 1531051.6E. Infringes conical SFC by 42FT.
   j. Crane at Port of Brisbane, 355FT AMSL, PSN 272247.0S 1530953.4E. Infringes outer HZS by 196FT.
   k. Crane, 351FT AMSL, PSN 272205.1S 1531024.3E. Infringes inner HZS by 192FT.
   l. Crane, 354FT AMSL, PSN 272225.7S 1531009.9E. Infringes inner HZS by 195FT.
5. GP antenna (Lit):
   a. 57FT AMSL BRG 158 DEG MAG 1,915M FM ARP. Infringes TNS by 45FT.
   b. 57FT AMSL BRG 055 DEG MAG 1,804M FM ARP. Infringes TNS by 44FT.
6. RWY 01R anemometer (unlit) 45FT AMSL BRG 156 DEG MAG 1,918M FM ARP. Infringes TNS by up to 1FT.
7. RVR Transmissometers (unlit, frangible) within RWS, all runways, 13FT AGL.
8. Refinery exhaust stack 203FT AMSL, PSN 272503.83S 1530919.82E BRG 124 DEG MAG 5,295M FM ARP. Infringes inner horizontal SFC by 47FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, TAF3 H24, AD WRNG, WS WRNG.
2. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM MWO 07 3239 8737.
3. AWIS PH 07 3564 3705 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

01L/19R	016	108a	PCR 1250/F/D/X/T 220M(722) RWY 01L and 300M(984) RWY 19R ends concrete. Grooved.	WID 60	RWS 300
01R/19L	016	117a	PCR 1250/F/D/X/T 100M(328) ends concrete. Grooved.	WID 45	RWS 300

AERODROME AND APPROACH LIGHTING

RWY 01L/19R	HIAL-CAT I		SDBY PWR AVBL
RWY 01L/19R	HIRL		SDBY PWR AVBL
RWY 01L/19R	PAPI(2)	3.0 DEG71FT	SDBY PWR AVBL
RWY 01L/19R	RCLL(1)		SDBY PWR AVBL
RWY 01R/19L	HIRL		SDBY PWR AVBL
RWY 01R/19L	MIRL		SDBY PWR AVBL
RWY 01R/19L	PAPI(2)	3.0 DEG64FT	SDBY PWR AVBL
RWY 01R/19L	RCLL(1)		SDBY PWR AVBL
RWY 01R	HIAL-CAT I		SDBY PWR AVBL
RWY 01R	RTIL		SDBY PWR AVBL
RWY 19L	HIAL-CAT II		SDBY PWR AVBL
RWY 19L	RTZL		SDBY PWR AVBL

(1) 15M spacing.
(2) Both sides.

1. **ALS type and length**
   a. RWY 01R - distance coded CL: 900M.
   b. RWY 19L - distance coded CL: 900M.
   c. RWY 01L/19R - HIAL ALSF II reduced length 720M layout barrette CL array.
2. RWY edge light spacing: 01R/19L: 60M; 01L/19R: 60M;
3. RGL and Stop Bars at all RWY/TWY intersections.
4. RWY THR LGT: Green.
5. RWY end LGT: Red.
6. RWY 01R/19L and 01L/19R PAPI system provides a special minimum wheel clearance of 6M for B747.
7. **LIGHTING COLOUR CODING**

7.1. **RWY 01L and 19R**

7.1.1. HIRL - white with last 600M yellow.
7.1.2. Centre line lighting
   a. White to 900M FM end, 900M-300M FM end alternating 2 red 2 white, 300M FM end red.

7.2. **RWY 01R and 19L**

7.2.1. MIRL – intensity white.
7.2.2. HIRL - white with last 600M yellow.
7.2.3. Centre line lighting
   a. White to 900M FM end, 900M-300M FM end alternating 2 red 2 white, 300M FM end red.

OTHER LIGHTING

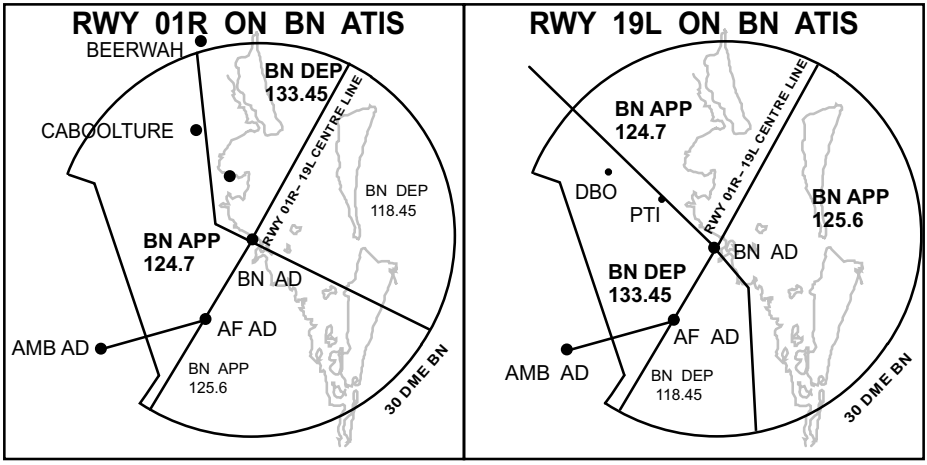
1. Secondary PWR switchover time: 1 SEC during LVP; 15 SEC OT.
2. TWY LGT: Green CL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE		121.2
FIA	BRISBANE CENTRE		125.7 (5)
ACD	BRISBANE DELIVERY		118.85
APP	BRISBANE APPROACH		124.7 (4) 125.6 (3)
APP/DEP	BRISBANE APPROACH		123.5 (2)
ATIS	BRISBANE ATIS		113.2 125.5
BMN	BRISBANE FINALS		119.25
DEP	BRISBANE DEPARTURES		118.45 (3) 133.45 (4)
SMC	BRISBANE GROUND	(11)	121.7 (6) 122.25 (7) 124.05 (8)
TWR	BRISBANE TOWER		118.0 (10) 120.5 (9)
VOLMET	AUSTRALIA		6676 (1) 11387 (1)

Information may be continued on the next page: PTO

(1) H24, BCST 00 - 05 & 30 - 35. Refer AIP GEN 3.5.
(2) Gold Coast Approach Services.
(3) WI 30NM of Brisbane SE of extended centreline 01R/19L.
(4) WI 30NM of Brisbane NW of extended centreline 01R/19L.
(5) Pilots planning to enter Class C airspace associated with Brisbane Approach, contact Brisbane Centre for SSR Code allocation and other instructions. Refer also to Brisbane/ Archerfield Section 6 Departures, Para 6.2.
(6) SMC Domestic TWYs and aprons North of B7 and General Aviation Maintenance Area.
(7) SMC South TWYs and aprons south of and including A7, B7 and Airline Maintenance Area.
(8) SMC North TWYs north and west of and including A3, B3, W, TWY Charlie and 100 bays, General Aviation Maintenance Aprons.
(9) RWY 01R/19L.
(10) RWY 01L/19R.
(11) Unless otherwise directed by ATC, contact the relevant SMC FREQ when indicated by FREQ movement area guidance signs.



RADIO NAVIGATION AND LANDING AIDS

DME	BN	113.2/ 79X	272157.5S	1530821.4E	(3)
VOR	BN	113.2	272157.9S	1530821.2E	(1)
DME	IBA	109.5/ 32X (RWY01R)	272403.2S	1530716.0E	(6)
GP	IBA	332.6 (RWY01R)	272403.1S	1530715.8E	
ILS	IBA	109.5 (RWY01R)	272212.6S	1530812.8E	(5)
LOC	IBA	109.5 (RWY01R)	272212.6S	1530812.8E	
DME	IBE	109.3/ 30X (RWY19R)	272130.8S	1530709.7E	(7)
GP	IBE	332 (RWY19R)	272130.9S	1530709.9E	
ILS	IBE	109.3 (RWY19R)	272308.0S	1530619.4E	
LOC	IBE	109.3 (RWY19R)	272308.0S	1530619.4E	
DME	IBN	111.5/ 52X (RWY01L)	272248.0S	1530625.5E	(7)
GP	IBN	332.9 (RWY01L)	272248.1S	1530625.7E	
ILS	IBN	111.5 (RWY01L)	272115.2S	1530723.9E	
LOC	IBN	111.5 (RWY01L)	272115.2S	1530723.9E	
DME	IBS	110.1/ 38X (RWY19L)	272240.2S	1530803.5E	(2)
GP	IBS	334.4 (RWY19L)	272240.1S	1530803.3E	
ILS	IBS	110.1 (RWY19L)	272427.1S	1530655.9E	
LOC	IBS	110.1 (RWY19L)	272427.1S	1530655.9E	(4)

(1) 216/1.6 to ARP.
(2) For RWY 19L - Antenna ELEV 21FT.
(3) 217/1.6 to ARP - Antenna ELEV 35FT.

(4) Scalloping and possible false course capture observed beyond 9NM (BN DME) between radials 330 to 350 (BN VOR) below 4,000FT.
(5) Antenna ELEV 28FT
(6) Antenna ELEV 23FT.
(7) Antenna ELEV 24FT.

LOCAL TRAFFIC REGULATIONS

1. Pilots should ensure flight plan details are submitted for flight in Class C airspace associated with Brisbane Approach, preferably through NAIPS or Flight Watch, well in advance of requesting SSR code allocation. Failure to do so will result in delays for airways clearance.
2. ACFT parking requests email or PH AD OPR H24. No ACFT parking or taxiing outside licence area.
3. All aircraft must provide their parked position/gate number to ATC on acknowledgement of airways clearance.
4. B737 ACFT and ABV not to execute 180DEG turns on RWY 01R/19L and 01L/19R.
5. Ground running of engines above idle requires prior approval. PH OPS.
6. Drains located airside (ADJ the manoeuvring area) are not marked.
7. GA APN OPS are subject to RWY/APN slot management. ACFT operating on the GA APN are to confirm allocated parking with Brisbane Airport Corporation Duty Manager prior to arrival.
8. RVR equipment - Vaisala LT31 transmissometers and support posts installed at all RWY touchdown zones and midpoints inside the obstacle restricted area.
9. **AWK and Survey Flights**
   a. Pilots intending to conduct AWK in the Brisbane TMA must obtain pre-flight briefing and approval from Brisbane TMA, Phone 07 3866 3694^. Survey or airwork maps should be submitted at least 30 MIN prior to making contact with BN TMA.
   b. Survey flights are subject to TFC and ATC workload with operations subject to approval on the day. Operational restrictions can be expected, including possible delays.
   c. Clearances for AWK/SVY operations BLW 8,000FT in excess of 15MIN may not be AVBL.
   d. During periods of noise abatement procedures (SODPROPS) as defined in AIP DAP-E YBBN NAP, outside the hours of 2200-0600 Local survey and airwork flights within 30NM YBBN not available.
10. **APN and TWY Availability and Restrictions**
   a. All TWY: Outboard engines on B747 and A340 ACFT to be operated at low power to prevent TWS erosion and engine ingestion.
   b. All ACFT must turn right at BRAVO 1
   c. B777-300, A340-600 and A380-800 OPS: TWY associated with RWY 01R/19L are 23M wide (AD REF code 4E). Due excessive ACFT wheelbase, normal TWY safety edge margin not AVBL. Pilots should apply judgemental oversteer when negotiating TWY intersections at B/C9, B/C10 and on INTL APN. Pilots should request marshalling assistance from a FBO if ACFT GND manoeuvring cameras are not AVBL.
   d. A380 (Code F ACFT) OPS using INTL APN to use TWY C9 and TWY C8 only to INTL APN A380 compatible Bays 71, 72, 73, 74, 75, 76. TWY C10 and INTL APN taxilane not AVBL to A380 (Code F ACFT) OPS.
   e. TWY L BTN TWY C13 and 100M S of TWY C12 not AVBL to jet ACFT with wingspan ABV 36M northbound EXC under tow or with BAC approval. CTC Airside Operations Centre via TEL: 07 3406 3072.
   f. Pilots to exercise caution on TWY C12 and L due to lack of visibility FM the control TWR.
   g. TWY C3 Tango and APN Taxilane BTN TWY C3 and TWY C4 restricted to ACFT with MAX wingspan 36M.
   h. GA APN southern taxilane restricted to 24M MAX wingspan.
   i. TWY C4 restricted to MAX A330 ACFT.
   j. TWY C6 restricted to ACFT with MAX wingspan 36M.
   k. TWY F3 not AVBL.

Information may be continued on the next page: PTO

l. TWY H2 not AVBL to ACFT ABV FLW MAX WT limitations:
   (i) A330 - 144,000KG
   (ii) B777 - 197,000KG
m. TWY H2N, TWY H2S and TWY M east of the perimeter road designated as APN, are provided for combined ACFT and vehicle TFC FM maintenance hangars. Vehicle TFC under own observation remaining well clear of all taxiing ACFT.
n. TWY H3 restricted to MAX B777-300ER ACFT (Code E ACFT).
o. TWY H4 restricted to MAX B737/A320 ACFT (Code C ACFT) AVBL for DH8D.
p. TWY M not AVBL to ACFT ABV FLW MAX weight limitations:
   (i) A330 154,344KG
   (ii) A340 260,063KG
   (iii) A350 182,000KG
   (iv) A380 321,002KG
   (v) B737 79,000KG
   (vi) B747 335,640KG
   (vii) B767 141,925KG
   (viii) B777 182,242KG
   (ix) B787 162,000KG
q. ACFT to use MNM power when entering, exiting and operating on all APN.
r. All ACFT vacating INTL apron RQ continuous taxi on TWY C9 and TWY C10 using MNM PWR.
s. Aircraft vacating RWY 19R onto TWY T7 are to continue south on TWY T unless otherwise instructed by ATC.
t. TWY A is designed to be used in the same direction as the duty RWY. TWY B is for use in the opposite direction unless otherwise instructed by ATC.
u. When RWY 19L is nominated, TWY A4 is not AVBL for arriving ACFT unless directed by ATC.
v. TWY Y is to be used in a westerly direction and TWY Z is to be used in a easterly direction unless otherwise instructed by ATC
w. TWY D BTN TWY B and TWY E1 not AVBL.
x. TWY E BTN TWY E1 and TWY D not AVBL.
y. TWY E4 not AVBL.
z. TWY F1 and TWY F2 not AVBL to ACFT ABV 56,000KG.
A. TWY W BTN TWY W1 and TWY W2 not AVBL to Code D ACFT and ABV EXC DH8D.
B. Following TWY designated as APN AVBL HJ for ACFT under tow and vehicle traffic under own observation:
   (i) TWY G1 BTN TWY E and TWY F1.
   (ii) TWY D BTN TWY E4 and TWY E1.
   (iii) TWY E BTN TWY E4 and TWY E1.
   (iv) TWY E1, TWY E2, TWY E3 and TWY F3.
C. TWY C13 restricted to ACFT with MAX wingspan 36M under tow only.
D. TWY J and Logistics APN not AVBL to jet ACFT with wingspan ABV 36M EXC under tow. Initiate tow by TWY L intermediate holding point prior to TWY C13, EXC with BAC approval. CTC Airside Operations Centre via TEL: 07 3406 3072.
E. Airport South Parking Apron BTN TWY C12 and TWY C13 restricted to MAX wingspan 36M HJ under tow only due parked ACFT.
F. Airport South Parking Apron restricted to MAX Code C ACFT (B737, Q400 and A320) AVBL HJ under tow only.
G. Turn around loop AVBL for ACFT up to MAX wingspan 36M on Logistic APN.
H. Airport North Remote Apron and Airport South Parking Apron do not form part of the manoeuvring area, ATC clearance is not required.
I. Compass swing site established BTN TWY M1 and TWY M2, details FM AD OPR.
J. Wing walkers not supported beyond the apron parking clearance line markings.
K. GA APN TWY F2 BTN 70M east of TWY F1 and 40M west of TWY F3 designated as apron AVBL for ACFT and vehicle traffic under own observation. ACFT to remain well clear of taxiing ACFT.
L. APN TXL BTN TWY C5 and TWY C6 restricted to ACFT with MAX wingspan 36M.

11. **HEL OPS**
    a. Rotary wing ACFT using GA APN CAUTION multiple LGT TWR 100FT AGL on and surrounding GA APN.
    b. HEL OPS excluding maintenance and rescue activities on TWY H system, to be conducted on the GA APN or Logistics precinct building APN.
    c. HEL touchdown/lift unlit on southern end taxilane L BTN TWY C12 and TWY C13 for logistic APN commissioned.
    d. HEL touchdown/lift unlit on western end TWY F1 commissioned.

12. **TRAINING FLIGHTS**
    a. Jet and turboprop training and flight test operations not requiring RWY or IAL procedures shall be flight planned in either:
        (i) Low Performance Area (LPA) - within the minor arc BTN 030 and 100 VOR BTN 15 and 30 DME; or
        (ii) High Performance Area (HPA) - within Class C and Class A airspace within the minor arc BTN 040 and 090 VOR BTN 40 and 100 DME BN.
    b. Arriving ACFT may request an IAL for training or licence renewal. The request should be made as early as possible, preferably at flight planning.
    c. IAL training LTD due to TFC. IAL training not AVBL MON-FRI. IAL training AVBL SAT 0300-0800 UTC and SUN 2300-0200. For other than arriving ACFT, IAL training approval shall be obtained from Brisbane TMA, Phone 07 3866 3694^ prior to departure. IAL training flights are subject to TFC and ATC workload, operational restrictions can be expected, including possible delays.
    d. Aircraft conducting a practice instrument approach can expect to make a landing due to traffic management requirements. TWR will advise if traffic disposition allows for a missed approach.

13. **TURNING**
    a. TWY S - no right turn into TWY S2 or S5.
    b. TWY S2 - no left turn into TWY S
    c. TWY S2 - no right turn into TWY T, HN.
    d. TWY S5 - no left turn into TWY S.
    e. TWY S7 - no entry FM TWY S.
    f. TWY S13 - no right turn into TWY S.
    g. TWY S13 - no left turn into TWY T, HN.
    h. TWY T - no entry FM TWY S7, T8 and T9.
    i. TWY T BTN Z and TWY S7 not AVBL northbound TFC.
    j. TWY T5 and T10 not AVBL to ACFT exiting RWY 01L/19R.
    k. TWY T14 not AVBL to ACFT exiting RWY 19R.
    l. Entry onto rapid exit taxiways FM other than the RWY not permitted.
    m. TWY T2 - no left turn into TWY T.
    n. TWY H3 - no through access to TWY H4. AVBL under tow only.
    o. TWY H4 - no through access to TWY H3. AVBL under tow only.

FLIGHT PROCEDURES

1. **ESTIMATED AIRBORNE TRAFFIC DELAYS**

1.1. For ARR ACFT:
    a. May be expected due to terminal area traffic density and/or single RWY operations:
        (i) MON-FRI 2100-0000 UTC and 0600-1100 UTC: Less than 20MIN
        (ii) SAT 2100-0000 UTC: 10MIN
        (iii) SUN 0600-1100 UTC: 20MIN
        (iv) DLY 0000-0600 UTC: 10MIN.
    b. During periods of noise abatement procedures (SODPROPS) as defined in AIP DAP-E YBBN NAP, preferred runway operations, outside the hours of 2200-0600 Local, possible delays of up to 20 MINS may occur.

Note: Actual holding times may differ from holding estimates. Historical data on actual holding is available from the NOMC.

2. **ATC TRAFFIC MANAGEMENT SPEED**

When **not** on a SID or STAR (including vectoring) - ACFT ARR or DEP BN must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.

Information may be continued on the next page: PTO

3. VFR ACFT DEP YBBN must FPL via either MBHB, TVT or BLHS.

4. Circling APCH PROC to RWY 01L/19R at night is not permitted, MIRL NOT AVBL.

5. AIR TRAFFIC FLOW MANAGEMENT PROCEDURES

5.1 **Strategic ATFM - Airport Demand Management Scheme (ADMS)**

Brisbane ADMS is applicable to all airline and ACFT operators using Brisbane Airport. All flights operating into and out of Brisbane must obtain an Airport Coordination Australia (ACA) slot in accordance with *AIP ENR 1.9*.

GA APN operations are subject to RWY/APN slot management. Approved slot holders operating on the GA APN are to confirm allocated parking with BAC Duty Manager prior to arrival.

For full information regarding the Brisbane ADMS, see ACA website: www.airportcoordination.org/airports/australia/brisbane-airport/.

5.2 **Ground Delay Program (GDP)**

Brisbane GDP is run on demand and promulgated by NOTAM BTN 2000-1300 UTC. GDP is applicable to all fixed wing, non-priority flights departing FM all Australian domestic airports, and arriving at Brisbane.

Flights to Brisbane during the operation of GDP must obtain an ACA slot and Calculated Off Blocks Time (COBT) in accordance with *AIP ENR 1.9*. The COBT can be obtained through their company or the NOMC on 1800 020 626^.

5.3. Airport Collaborative Decision Making (A-CDM)

Brisbane A-CDM is run continuously H24. A-CDM is applicable to all IFR fixed wing non-priority flights departing Brisbane, who are required to comply with A-CDM in accordance with procedures outlined in *AIP ENR 1.9*. Compliance with a Target Off Blocks Time (TOBT) is required. All flights departing Brisbane Airport are required to submit a TOBT through a local Designated Ground Handling Agent (DGHA) or local Fixed Based Operator (FBO). For further enquiries email: acdm@bne.com.au or PH H24 07 3406 3171.

5.4. **Flow Tactical Landing Slots**

Flights inbound to Brisbane with a duration of less than 45MIN must:

a. Validate their COBT with Brisbane Flow on 07 3866 3588 during HR of GDP; or
b. Confirm a tactical landing slot with Brisbane Flow on 07 3866 3588 outside periods of GDP. Failure to do so will result in delays.

Flights departing YBAF, YBCG and YBSU for a landing at YBBN must CTC Brisbane Flow Controller on 07 3866 3588 prior to engine start.

For full information regarding the Ground Delay Program see *AIP ENR 1.9*.

5.5. **Start and Pushback Procedures**

a. Departing aircraft with ground power must CTC Delivery ready for pushback or start. Aircraft will be instructed to stand-by for Ground once compliant with any applicable ATFM procedures. Ground will approve pushback or start clearance when able.
b. Departing aircraft without ground power are approved to start at own discretion, advising Delivery when start complete. Aircraft for pushback will be instructed to stand-by for Ground once compliant with any applicable ATFM procedures. Aircraft for taxi from bay will be instructed to CTC Ground for taxi clearance once compliant with any applicable ATFM procedures. Ground will approve pushback or taxi when able.

6. INDEPENDENT PARALLEL APPROACH OPERATIONS

6.1. Refer to DAP EAST Brisbane Independent Parallel Approach User Instructions.

7. ARRIVAL PROCEDURES

By day, ATC may use 2,400M RWY separation between ACFT arriving to RWY 01R/19L and RWY 01L/19R. Both ACFT may occupy the RWY during application of the standard.

8. DEPARTURES

8.1. Departures shall normally be cleared in the order in which they are ready for takeoff, except that deviations may be made from this order to facilitate the maximum number of departures with the least average delay.

9. PARALLEL OPERATIONS RUNWAY ASSIGNMENT

Unless instructed by ATC or operationally required, ACFT shall be issued the following runways:

9.1. Departures

a. RWY 01L/19R for all jet ACFT routes north, and
b. RWY 01R/19R for all jet ACFT routes west, and
c. RWY 01R/19L for all jet ACFT routes to south and east.

9.2. Arrivals

a. RWY 01L/19R for all aircraft from routes north and west, and
b. RWY 01R/19L for all aircraft from routes south and east.

9.3. Aircraft arriving via ENLIP

a. RWY 01L/19L for all aircraft arriving via ENLIP STAR

Note 1: ACFT which operationally require a different runway from that assigned, must advise ATC at clearance delivery stage.

Note 2: RWY assignment is subject to Noise Abatement Procedures.

10. LOW VISIBILITY

10.1. Operations

a. For CASA approved operators, RWY 01R/19L and 01L/19R are capable of supporting take-offs with an RVR of not less than 125M.
b. TWY LGT spacing supports use in visibility not less than:
   (i) 550M RVR for TWY C12, C13, F1, J and L.
   (ii) 300M RVR for all other TWY.
c. Refer to *AIP DAP* for Aerodrome Ground Movement Charts.

10.2. Procedures

a. LVP require restrictive measures during specific weather conditions. LVP protects the ILS sensitive and critical areas and ensures safe ground movements and the safety of ACFT conducting low VIS OPS.
b. Preparations for the activation of LVP are commenced when visibility has reduced to 1,500M. This ensures that the LVP are in forced when:
   (i) the cloud ceiling is 210FT or less; or
   (ii) the RVR is at or below 550M or the Runway Visibility (RV) is 800M or less when RVR is not available.
c. Intersection departures are not permitted. All aircraft will be directed to the full length of a runway for departure.
d. Any pilot unsure of their position whilst operating on the Manoeuvring Area must Hold Position (STOP) and immediately advise ATC.
e. Radio failure – Aircraft must hold position and await further guidance from a 'follow me' vehicle.
f. Instrument RVR is provided at touchdown zone, midpoint zone and end zone for each RWY.
g. In the event of failure of RVR, manual RWY visibility assessments will be provided.
h. ATC use an Advanced Surface Movement Guidance Control System (ASMGCS) to monitor ACFT and vehicles on the Manoeuvring Area.
i. If ASMGCS is unserviceable during LVP, ATC will restrict aircraft and vehicle access to the Manoeuvring Area.
j. Aircraft are limited to one movement at a time on any portion of the Manoeuvring Area unless stop bars are operational.

11. All TWY are suitable for use in conditions of greater than RVR 550M

NOISE ABATEMENT PROCEDURES

Refer AIP DAP.

ADDITIONAL INFORMATION

1. Part of DCMSD Eagle Farm AD repainted in yellow, now Airport South Parking APN.
2. DCMSD cross runway north of GA Apron now utilised as parking only.
3. Significant bird hazard exists.
   a. Nankeen Kestrel (birds of prey), peak activity on airfield expected March-July.
   b. Australian White Ibis flocking on airfield HJ, increased numbers expected February-June.
   c. Straw necked ibis present on airfield HJ, increased numbers expected July-October.
   d. Flying fox HN only.
   e. Cattle egret present on airfield HJ, increased numbers expected November-March.
   f. Increased pelican and cormorant in VCY of AD.
   g. White bellied sea eagle activity on airfield HJ.
4. Significant mud wasp ACT WI AD VCY affecting pitot tubes. Pitot tube covers recommended.

Information may be continued on the next page: PTO

5. Fuel/Oil clean-up/disposal are chargeable and must meet Governmental Environmental standards.
6. Due to local effects from structural and topographical features the ground winds advised on the ATIS may vary to the wind aloft. Where there is a significant variation reported in these winds, ATC will advise a reported 500FT wind in addition to the aerodrome wind.
7. Weather balloon launch APRX 2315 and 1115 UTC. Launches may occur at other times.

CHARTS RELATED TO THE AERODROME

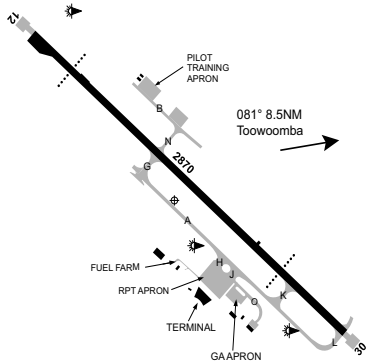
1. WAC 3340.
2. Aerodrome Obstruction Chart Type A Chart: RWY 01R/19L - 24th Edition (APR 2026).
3. Aerodrome Obstruction Chart Type A Chart: RWY 01L/19R - 9th Edition (APR 2026).
4. Aerodrome Obstruction Chart Type B Chart: Issued April 2026.
5. Also refer to AIP Departure and Approach Procedures.

BRISBANE WEST WELLCAMP — ELEV 1509

AVFAX CODE 4013

QLD		UTC +10	YBWW
273331S	1514739E	VAR 11 DEG E	CERT

AD OPR Brisbane West Wellcamp Airport Pty Ltd, 1511 Toowoomba-Cecil Plains Road, Wellcamp, QLD, 4350. Email: admin@wellcampairport.com.au. PH BH 07 4614 3200. PH AH 0498 998 060. Website: www.wellcamp.com.au.



REMARKS

1. AD charges: All ACFT. Schedule of Charges AVBL on website.
2. YBWW is a Security Controlled Airport. ASIC/VIC regulations apply.
3. AD usage: combination of private and public.
4. The Main APN is a Security Restricted Area and is shared BTN RPT and non-RPT OPS. For assistance with PRKG and access to the terminal for unscreened PAX and crew, CTC ARO on CTAF 127.65 or PH.
5. For ACFT arriving with unscreened PAX/baggage and wishing to use the Main APN and/or terminal, special security requirements apply. Please CTC ARO on CTAF to notify of arrival and requirements.
6. Crew wishing to access the Main APN from landside should CTC ARO. AH access from the terminal go to Gate P4, use the pin pad with code at the turnstile.
7. All ACFT are required to be secured if left unattended.

HANDLING SERVICES AND FACILITIES

Wellcamp Airport Fuel Services. JET A1 and AVGAS available between 1830-1230 UTC, AH fuel requirements CTC ARO. 60MIN PN required. Call out fee applies. Cash or credit card (V or MC). Where practicable, text fuel order in advance to ARO. Refer to Location Briefings/NOTAM for any applicable temporary changes to the above.
Wellcamp Airport Ground Handling Services AVBL. Please CTC AD Management 07 4614 3200 or ARO for assistance.
IOR Fuel Charge AVBL at AVGAS bowser.

PASSENGER FACILITIES

PT/TX/LG/RF/WC/HC

APRONS AND TAXIWAYS

1. TWY A - Code E, sealed, 23M wide.
2. TWY G, K and L - Code E, sealed, 23M wide.
3. TWY J - Code E, concrete, 23M wide.
4. TWY H - Code E, concrete, 23M wide.
5. TWY B and N – Code C, concrete, 15M wide.
6. TWY O - Code B, sealed, 10.5M wide.

AERODROME OBSTACLES

1. Terrain:
   a. Boral Quarry - BRG 062 MAG 1.28NM FM ARP, low intensity steady red.
   b. Gowrie Mountain - BRG 027 MAG 3.15NM FM ARP, low intensity steady red.
   c. Beckers Hill - BRG 090 MAG 1.61NM FM ARP, low intensity steady red.
   d. Schmidts Hill - BRG 230 MAG 2.32NM FM ARP, low intensity steady red.
   e. Sugarloaf Hill - BRG 123 MAG 3.30NM FM ARP, unlit.
2. High terrain:
   a. APRX 800M right of CL, 800M FM THR on APCH to RWY 30.
   b. APRX 1,300M right of RWY 30 CL abeam APRX 600M FM RWY 30 end.
3. Structures:
   a. NBN Monopole - BRG 067 MAG 2.77NM FM ARP, low intensity steady red.
   b. Telstra Tower - BRG 116 MAG 7NM FM ARP, medium intensity steady red.
   c. Telstra Monopole lit - 86FT AGL BRG 058 MAG 0.65NM FM ARP. Infringes OLS by 59FT.
   d. AD perimeter fence post 11FT AGL BRG 110 MAG 0.87NM FM ARP. Infringes OLS by 3.5FT.
4. CAUTION: Power lines beneath APCH to RWY 12. APRX 250M FM THR.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI.
2. AWIS PH 07 3564 3746 - Report faults to BoM.
3. AWIS FREQ 133.6 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

12/30	122	94a	PCR 550/F/B/1.45 MPa/T Grooved	WID 45	RWS 300

AERODROME AND APPROACH LIGHTING

RWY 12/30	MIRL(1)	PAL+AA 120.65		SDBY PWR AVBL
RWY 12/30	PAPI(2)	PAL+AA 120.65	3.0 DEG75FT	SDBY PWR AVBL
RWY 12/30	RTIL(1)	PAL+AA 120.65		SDBY PWR AVBL

(1) ACT by PAL H24. SDBY PWR H24.
(2) ACT by PAL H24. SDBY PWR H24. Double sided.
RWY edge light spacing: 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Green CL to all TWY, Blue on RPT APN.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	121.2 500FT

On ground communications may be AVBL with ATS dependent on ACFT location and terrain or building shielding. FREQ 135.6 may be tried for cancellation of SAR.

LOCAL TRAFFIC REGULATIONS

1. For DEP RWY 12, ACFT RQ to backtrack from either TWY K, TWY G, or TWY L.
2. AD is in close proximity to Oakey (YBOK) MIL controlled airspace and restricted areas. YBOK BRG 323 MAG 9.5NM FM ARP. To ensure protection of Oakey controlled airspace, published DEP procedures must be used wherever practicable.

Information may be continued on the next page: PTO

FLIGHT PROCEDURES

1. Right hand CCTS RWY 12, left hand CCTS RWY 30 due high terrain NE side of RWY.
2. Clearance through R654A may not be available on the YTWB/BIVAT-MESED-Q484 or Q303 routes. VFR clearances AVBL via the Warrego VFR route.
3. VFR transits of OK CTR via WARREGO VFR route.

CTAF - AFRU 127.65

1. Oakey, Toowoomba and Wellcamp.
2. Excluding Oakey controlled airspace when active.

NOISE ABATEMENT PROCEDURES

1. During HR of 1900-1200 UTC RWY 12 preferred for LDG and RWY 30 preferred for TKOF.
2. Where practicable, during the HR of 1200-1900 UTC, RWY 12 must be used for LDG and RWY 30 must be used for TKOF.
3. Where practicable, minimise night movements (BTN 1200-1900 UTC), with preference to operation in day period (sunrise to sunset).
4. Where practicable, BTN 1200-1900 UTC, avoid use of reverse thrust after LDG.
5. Where practicable, minimise use of APUs while parked on the RPT APN. Where feasible, use rectifier or GPU.
6. Where practicable, avoid noise sensitive areas as follows:
   Toowoomba city ARC BRG 063 MAG to 103 MAG 4 to 11NM FM ARP.
   Westbrook township BRG 114 MAG 4.9NM FM ARP.
   Wyreema township BRG 139 MAG 6.8NM FM ARP.
   Agricultural area BRG 291 MAG 1.54 NM FM ARP.
   Agricultural area BRG 317 MAG 1.65 NM FM ARP.
7. After TKOF RWY 30, climb on RWY heading to MAX practicable altitude before turning to establish outbound track.

ADDITIONAL INFORMATION

1. Bird and wildlife hazards exists:
   Magpies, galahs, ibis and black kites in vicinity of AD. Increased bird activity at harvest time - OCT-NOV and MAR-APR.
   Rabbits, hares, foxes or feral cats may be on airfield.
   NOTAM will be issued for increased activities.
2. Pilots are advised to check YBWW website for additional general INFO.
3. Poor VHF CTC with GND vehicles and ACFT is present from TWY A/L/K (SE side of airport) towards TWY G/N due terrain shielding. FTA utilize TWY N most, and caution must be exercised when entering the RWY from the SE side.
4. CAUTION: Proximity to GA, charter, warbird and training OPS (fixed and rotary wing) Toowoomba Airport. YTWB BRG 070 MAG 6.4NM FM ARP.
5. CAUTION: Proximity to Oakey (YBOK) and Amberley (YAMB) MIL controlled airspace and restricted areas. YBOK BRG 323 MAG 9.5NM FM ARP. YAMB BRG 085 MAG 49NM FM ARP.
6. CAUTION: Flight Training Adelaide (FTA) operations out of YBWW 1900-1400 UTC (0500-0000 Local) DLY.
7. PJE OPS by prior arrangement only.

CHARTS RELATED TO THE AERODROME

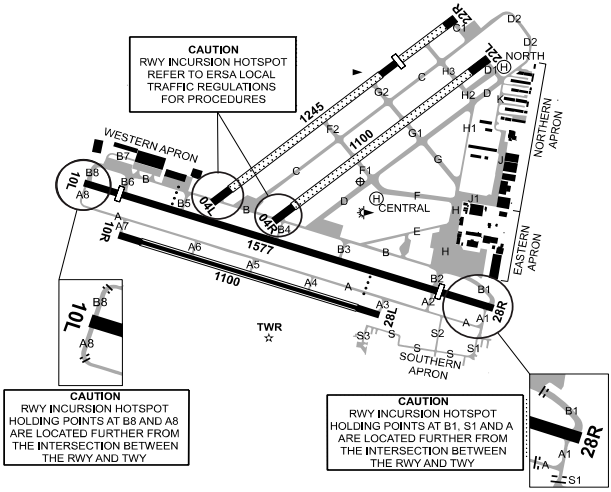
1. WAC 3340.
2. Also refer to AIP Departure and Approach Procedures.

BRISBANE/ARCHERFIELD ELEV 65

AVFAX CODE 4002

QLD UTC +10 YBAF
273413S 1530029E VAR 11 DEG E CERT

AD OPR Archerfield Airport Corporation, PO Box 747, Archerfield, QLD, 4108.
Email: aac@archerfieldairport.com.au. PH 07 3275 8000 (JO 0830-1630 Local); Operations and Technical Officer 0414 233 903 (AH); Security 0449 866 031 (1900-0500 Local).
Website: www.archerfieldairport.com.au.



REMARKS

1. AD charges: contact AD or see website for schedule of ACFT charges.
2. Pavement concession required for ACFT ABV 5,700KG MTOW, form AVBL from AD OPR or website.
3. Conditions of airport access and use. Details AVBL from AD OPR or website.
4. PPR for non-VH registered ACFT.
5. AD is limited to ACFT with a MAX wingspan of 29M. ACFT with a wingspan of 24M or more must contact AD OPR for approval.
6. Smoking and activities likely to create a fire hazard are prohibited at the AD.

HANDLING SERVICES AND FACILITIES

AvFuel Services: DLY 2015-0730 UTC. AH call-out fee will apply. PH 0420 634 093. Alternative PH 0414 233 903. JET A1 and AVGAS. Fuel bowser AVBL 24HR. AvFuel Services CARNET, EFTPOS and credit card (MC and V). Cash not accepted.
Ground Handling and FBO services contact:
Archerfield Jet Base Hangar 5 Qantas Ave. Archerfield QLD 4108. H24 with 2HR PN.
Email info@archerfieldjetbase.com.au or PH 1300 359 552 or 0402 797 071.
Eagle Aircraft Maintenance: Hangar 1, Qantas Ave, Archerfield Airport, QLD 4108. 0730-1530 Local DLY. Phone 07 3270 2450 or 0428 027 064.
Flight One: 224 Qantas Ave, Archerfield QLD 4108. 0700-1600 Local DLY with 2HR PN. Email: operations@contrails.aero, PH 1800 359 663.

PASSENGER FACILITIES

1. Terminal lounge and amenities.
2. Yellow Cabs 131 924 or Black and White Cabs 133 222.

Information may be continued on the next page: PTO

APRONS AND TAXIWAYS

1. Northern and southern APN, Code A, grass surface.
2. Eastern APN, Code C asphalt, unrated.
3. Western APN, Code B concrete.
4. TWY H1, J, J1 and K limited to ACFT with wingspan less than 15M. Structures and ACFT parking APN WI TWY strips infringe TWY strip by 5M MAX.
5. TWY A8 graded TWY strip WID of the western side reduced to 7M.
6. TWY A and A1-A8, Code A 7.5M wide bitumen/asphalt sealed.
7. TWY B, B3 and B5 Code B 10.5M wide, bitumen sealed, PCR 180/F/D/X/T.
8. TWY B1, B2, B6, B8, Code C 15M wide, bitumen/asphalt sealed, unrated.
9. TWY B4 and B7, Code A 7.5M wide, asphalt sealed.
10. TWY C and C1, Code A 7.5M wide, grass surface.
11. TWY D, D1 and D2, Code A 7.5M wide, grass surface.
12. TWY E, Code B 10.5M wide, asphalt sealed.
13. TWY F, F1 and F2, Code A 7.5M wide, grass surface.
14. TWY G, G1 and G2, Code A 7.5M wide, grass surface,
15. TWY H (south of TWY E), Code C 15M wide, asphalt sealed, PCR 180/F/D/X/T.
16. TWY H (north of TWY E), Code A 7.5M wide, asphalt sealed.
17. TWY H1-H3, Code A 7.5M wide, grass surface, except H1 bitumen sealed.
18. TWY J and J1, Code A 7.5M wide bitumen/asphalt sealed.
19. TWY K, Code A 7.5M wide, concrete surface.
20. TWY S1-S3 Code A 7.5M wide, asphalt sealed.
21. TWY T, Code A 7.5M wide, asphalt sealed.

AERODROME OBSTACLES

1. Lit chimney 207FT AMSL PSN 273420.88S 1525802.54E. Infringes inner HZS by 13FT.
2. Four light towers at QSAC stadium 440FT AMSL BTN PSN 273327.24S 1530348.22E – 273332.32S 1530341.08E. Infringes COS by 68FT. FLG red strobe on top of north TWR.
3. 15 floodlights at South Sports Club Acacia Ridge 130FT AMSL BTN PSN 273432.25S 1530056.57E – 273433.36S 1530112.02E. Infringe RWY 10L take-off SFC by 25FT.
4. Lit TELCO TWR equipped with steady lights:
   a. 303FT AMSL PSN 273441.77S 1530315.85E. Infringes COS by 77FT.
   b. 120FT AMSL PSN 273336.06S 1530119.64E. Below OLS by 52FT.
   c. 240FT AMSL PSN 273321.96S 1530216.62E. Infringes inner HZS by 46FT.
5. Unlit TELCO TWR 295FT AMSL PSN 273512.84S 1530304.64E. Infringes COS by 72FT.
6. 2 x lit buildings, Griffith University - Nathan:
   a. 394FT AMSL PSN 273313.58S 1530316.61E. Infringes COS by 81FT.
   b. 414FT AMSL PSN 273311.24S 1530305.22E. Infringes COS by 143FT.
7. Lit power TWR 253FT AMSL PSN 273328.61S 1525751.13E. Infringes inner HZS by 59FT.
8. Unlit power TWR:
   a. 228FT AMSL PSN 273444.06S 1525811.93E. Infringes inner HZS by 34FT.
   b. 200FT AMSL PSN 273501.91S 1525904.08E. Infringes inner HZS by 6FT.
   c. 240FT AMSL PSN 273552.82S 1530130.53E. Infringes inner HZS by 46FT.
9. Terrain Obstacles - Mountain Tops:
   a. 470FT AMSL PSN 273205.33S 1530212.96E. Infringes COS by 110FT.
   b. 450FT AMSL PSN 273214.25S 1530213.81E. Infringes COS by 125FT.
   c. 600FT AMSL PSN 273127.08S 1525146.15E. Infringes RWY 10L APCH SFC by 65FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI, AD WRNG.
2. AWIS Phone 07 3564 3701 - Report faults to BoM.
3. AWIS FREQ 128.4 - (requires one-second pulse to activate) Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

04L/22R	040	41c	Unrated. Natural. Both THR sealed	WID 30	RWS 90
04R/22L	040	36c	Unrated. Natural. Both THR sealed	WID 30	RWS 90
10L/28R	097	52a	PCR 180/F/D/X/T	WID 30	RWS 150
10R/28L	097	36c	Unrated. Central 18M sealed	WID 30	RWS 90

Caution:

a. RWY 10R/28L reduced to 18M sealed WID with soft wet SFC notification.
b. Reduced CL spacing to 167M BTN RWY 10L/28R and RWY 10R/28L.
c. RWY 10R/28L restricted to ACFT below 4,000KG.
d. Reduced CL spacing to 93M BTN RWY 10L/28R and TWY B.
e. Reduced CL spacing to 45M BTN RWY 10L/28R and RWY Holding Positions on TWY B2, B3, B4, B5 and B6.

AERODROME AND APPROACH LIGHTING

RWY 10L/28R	MIRL(1)	AFRU+PAL 118.1		SDBY PWR AVBL
RWY 10L/28R	PAPI(2)	AFRU+PAL 118.1	3.0 DEG42FT	SDBY PWR AVBL
RWY 10L/28R	RTIL(1)	AFRU+PAL 118.1		SDBY PWR AVBL

(1) AVBL AH.
(2) AVBL on RQ during TWR HR. Activated by AFRU+PAL outside TWR HR. Left side only.

1. RWY 10L/28R:
   a. Edge light spacing: 60M. Total LEN 1350M.
   b. Edge LGT: White.
   c. THR LGT: Green.
   d. End LGT: Red.

OTHER LIGHTING

ABN ALTN 6 W

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge LGT on TWY B, B1-B8, H and E, EXC B4 and B7. Green CL LGT on intersection of TWY B, B1, B2 and H.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE		125.7 On ground outside TWR HR
ATIS	ARCHERFIELD ATIS	(1)	120.9
SMC	ARCHER GROUND		119.9
TWR	ARCHER TOWER		118.1 123.6

(1) Also AVBL on Phone 07 3275 8201.

1. TWR HR: 2100-0700 UTC DLY. Phone 07 3275 8230^.
   Note: For urgent OPR matters CTC Operations and Technical Officer 0414 233 903 (H24) or 07 3275 8000 (BH).
2. AF TWR provides ATS within Class D airspace SFC to 1,500FT during TWR HR.
3. Outside TWR HR airspace becomes Class G. CTAF procedures apply.
4. FIA FREQ subject to terrain shielding. GND RDO COM may be intermittent between ACFT at the eastern and western ends of TWY A, TWY B, RWY 10L/28R and RWY 10R/28L.

LOCAL TRAFFIC REGULATIONS

1. **GROUND OPERATIONS**
   a. Holding on TWY B2, B3, B4, B5 and B6 is limited to ACFT with MAX length of 22M.
   b. TWY A BTN TWY A2 and TWY A8 restricted to ACFT below 4,000KG MTOW.
   c. Fuel farm access FM TWY E and TWY B restricted to refuelling ACFT only.
   d. For ACFT TAX for RWY 22R, a clearance to cross RWY 22L via TWY F1, G1 or H2 not AVBL. ACFT must TAX via alternative route.
   e. Tail-skid equipped ACFT using RWY 10R/28L are to limit OPS to Southern 6M of strip abutting sealed central 18M for TKOF/LDG.
   f. Pilots are advised to minimise engine running adjacent to terminal parking.
   g. ACFT to TAX only via sealed TWY or natural SFC TWY marked by yellow cones.
   h. Non-radio equipped vehicles OPR on TWY A.
   i. All RWY are active at all times and during ATC HR require a clearance to enter, cross, TAX or backtrack.
   j. TWY B4 is inside RWY 04R/22L. ACFT vacating RWY 10L/28R via TWY B4 should:
      (i) During ATC HR request clearance to enter TWY B; or
      (ii) TAX clear of RWY 04R/22L as soon as practicable when CTAF procedures apply.
   k. When grass areas are out of service, sealed RWY 10L or RWY 28R run-up bays should be used for run-ups.
   l. Terminal ACFT parking area infringes TWY H strip by 2M. Terminal ACFT parking area limited to ACFT with MAX wingspan of 13M.

Information may be continued on the next page: PTO

m. When entering RWY 28R via TWY B1, all ACFT ABV 6,800KG are not permitted to use 100% thrust until they reach the check point Zulu sign, which is located 90M FM start of RWY 28R. No thrust restriction applied passing Zulu sign.
n. The TORA sign at TWY B1 holding position, when approached from the west, is located on the right-hand side of the TWY.
o. During TWR HR, use of TWY S1, A and A1 east of TWY S2 SUBJ to ATC approval and possible delays. TWY S2 preferred option to enter or leave the Southern Apron.
p. Pilots to exercise caution on TWY B7, H, J, J1, K, S1, S2 and S3 due lack of visibility FM the control TWR.

2. **PREFERRED RUNWAYS**

RWY 10/28 is the preferred runway. ATC will consider nominating an alternative RWY when the crosswind exceeds 10KT.

3. **PARKING - FIXED WING AND HELICOPTER**

The following parking restrictions apply:

a. Time limit - adjacent terminal MAX 60 MIN fixed wing only. HEL parking not permitted directly in front of terminal.
b. Reserved tie-down areas - PPR individual licensee. Pilots are advised that tie-downs do not conform with *CAO 20.9, Para 5.1.4*. ACFT must not TAX into tie-down positions under power.
c. Turbine parking - designated area adjacent terminal.
d. Visitor parking - designated apron area (on the grass) to west of terminal building.
e. To arrange alternative parking contact AD OPR.
f. Aeromedical parking - designated area south of gate 1, parking parallel to fence only.
g. When grass areas are out of service, parking is AVBL on northern APN, tie-down areas at pilot discretion.
h. Prior notice is required for ACFT requiring sealed parking.
i. HEL parking AVBL on designated HEL APN area (on the grass) to the West of the terminal.

4. **TRAINING FLIGHTS**

4.1. All circuit training requires ATC approval, pilots must book a slot online at: www.qld.bookawk.com.

FLIGHT PROCEDURES

1. ESTIMATED AIRBORNE TRAFFIC DELAYS

1.1. For ARR ACFT:

a. IFR ACFT proceeding to YBAF via Brisbane Class C airspace and VFR ACFT ARR after last light may expect delays due to terminal area traffic density:
(i) 2100-1100 UTC DLY: 20MIN.

Note: Actual holding times may differ from holding estimates. Historical data on actual holding is available from the NOMC.

1.2. For DEP ACFT:

a. IFR ACFT departing YBAF directly into Brisbane Class C airspace may EXP delays due terminal area traffic density. VFR ACFT DEP after last light may also EXP delays.
(i) 2100-1100 UTC DLY: 20MIN unless the ACFT is a declared MEDEVAC, SAR, FFR or other priority FLT.

1.3. YBBN Noise Abatement Procedures

During periods of Noise Abatement Procedures (SODPROPS) as defined in *AIP DAP-East YBBN NAP*, outside the hours of 2200-0600 Local IFR and NGT VFR ARR or DEP requiring CLR into Brisbane TCU airspace are required to book a slot via the Airwork QLD booking system. Failure to book a slot may result in delays.

2. **ATC TRAFFIC MANAGEMENT SPEED**

When **not** on a SID or STAR (including vectoring) - ACFT ARR or DEP AF via Class C airspace must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.

Note: Pilots must also comply with Class D airspace speed limits. Cancellation of ATC traffic management speeds does not cancel Class D airspace speed limits.

3. **IFR OPERATIONS IN VMC**

Pilots electing to commence or terminate an IFR flight under the VFR should communicate such intention at the earliest possible time to ensure their arrival or departure is processed efficiently.

4. **LOW VISIBILITY OPERATIONS**

Low visibility operations NOT AVBL.

5. **CIRCUIT PROCEDURES**

5.1 Circuit ALT: 1,000FT (QNH).

5.2 Single engine ACFT require prior ATC approval to conduct simulated engine failure on takeoff. Recovery must be initiated prior to departure end of the RWY.

5.3 Simulated asymmetric operations not permitted RWYs 04.

5.4 Practice landing with feathered propeller only available with ATC approval (ATC response required “feathered landing acknowledged”).

5.5 Low level CCTS not permitted on RWY 04/22.

5.6 Circuit directions during TWR HR, unless otherwise instructed by ATC.

(i) RWY 04R HJ - right: HN - not AVBL.
(ii) RWY 04L HJ - left: HN - not AVBL.
(iii) RWY 22R HJ - right: HN - not AVBL.
(iv) RWY 22L HJ - left: HN - not AVBL.
(v) RWY 10R HJ - right: HN - not AVBL.
(vi) RWY 10L - left.
(vii) RWY 28R - right.
(viii) RWY 28L HJ - left: HN - not AVBL.

5.7 CAUTION: HEL OPR within HEL circuit training areas (when active).

6. **DEPARTURES**

6.1 Departure from the Archerfield CTR shall be **1,000FT**.

6.2 **Transponder Procedure**

(i) All IFR ACFT contact Brisbane Centre 125.7 for an SSR code immediately prior to TAX.
(ii) VFR ACFT planning to enter Brisbane CTR/CTA contact Brisbane Centre 125.7 for an SSR code immediately prior to TAX.
(iii) All other ACFT squawk appropriate non-discreet SSR code.
(iv) VFR ACFT planning to transit AMB CTR will receive a discrete SSR code on first CTC with Amberley ACD 134.6.

6.3 **Tracking Requirements**

(i) For a planned DEP track BTN 310 and 019 DEG MAG: - Depart via “Northern DEP” - track via Walter Taylor (Indooroopilly) Bridge;
(ii) For a planned DEP track BTN 020 and 099 DEG MAG: - Depart via “Eastern DEP” - track east to overhead Gateway Motorway/Pacific Motorway intersection (088M/ 5.5NM from Archerfield);

Note: “Eastern DEP” not available when RWY 22 active, except for ACFT requiring clearance into Class C airspace.

(iii) For a planned DEP track BTN 100 and 204 DEG MAG: - Depart via “Southern DEP” - track 135 DEG from Archerfield (Departures RWY 28L track 135 from the crosswind leg to facilitate the descent of arrivals joining base from PKR);
(iv) For a planned DEP track BTN 205 and 309 DEG MAG: - Depart via “Western DEP”. All ACFT conducting a “Western DEP” shall DEP the AF CTR on a track BTN 220 DEG and 309 DEG MAG (inclusive). All ACFT must nominate their outbound DEP track with the TAX call;

Note: When duty Runway 10, aircraft must not track across final leg on DEP.

(v) Any other DEP e.g. overhead R627 (Greenbank) or North-West, must be approved by ATC.

6.4 **Departure Procedure**

By day VFR ACFT (and IFR ACFT conducting a VFR DEP) are to depart via the following procedures:

a. Advise intended DEP procedure (Northern, Southern, Eastern or Western) on TAX.
b. With the ready call advise “For departure (direction)”.
c. A takeoff clearance constitutes a clearance to OPR within AF CTR or depart in accordance with intentions notified with ready call.
d. IFR ACFT conducting a VFR DEP will receive a directed FREQ transfer from AF TWR.

Information may be continued on the next page: PTO

6.5 **Departures for entry into Brisbane CTR**

Fixed wing ACFT: Unless otherwise advised by ATC, depart via “Northern DEP”, remain in Class G airspace to the west of the BN CTR. Contact Brisbane Centre 125.7 ABM TV towers for airways clearance.

6.6 **Departures for transit of Amberley restricted airspace**

a. After vacating Archerfield CTR remain in Class G airspace.
b. Contact AMB ACD 134.6 with request for transponder code and airways clearance.
c. If clearance is not immediately AVBL consider tracking via LMC VFR route or east of SPMT to remain in Class G airspace (refer to Amberley procedures for further information).

7. **ARRIVALS**

7.1 Entry into the Archerfield CTR shall be at **1,500FT**.

(i) ARR VFR ACFT should track via and report at TVT, GON, PKR or TAR. AF TWR FREQ will be nominated on the ATIS.
(ii) ACFT ARR FM TVT must also REP CENTENARY BRIDGE for ATC entry instructions.
(iii) ACFT ARR FM PKR must also REP crossing the LOGAN MOTORWAY for ATC entry instructions.

Note 1: Caution R627 (0-2,000FT AMSL - ARMY LIVE FIRING) immediately W of interstate railway line.

Note 2: GON and TAR reporting points are south of extended centre lines RWY 10/28.

8. **TRANSIT**

a. Advise ATC at VFR approach point “TRANSIT DETAILS” (with requested tracking and level).
b. Comply with arrivals procedures unless instructed otherwise by ATC.
c. CTR transit will be subject to ATC clearance and possible delays.

9. **INSTRUMENT APPROACHES**

Instrument approaches for training purposes subject to delay and approval due Brisbane and Archerfield TFC.

10. **HELICOPTER OPERATIONS**

10.1 **Local Procedures**

a. TAX call required for all HEL operations on ARCHER GROUND 119.9 during TWR HR.
b. HEL DEP and ARR must be outside of and parallel to the RWY in use, unless approved otherwise by ATC.
c. Pilot in Command (PIC) responsibility to sight and remain clear of TAX TFC, WAE and vehicles on TWY, manoeuvring area and APN. Notification of TAX fixed wing TFC or WAE may not be provided.
d. All HEL trolleys/fuel trailers are to be parked clear of TWY.
e. HEL are not permitted to ground run on HLS or HEL parking areas.

10.2 **HEL Parking**

a. Itinerant HEL parking - delineated by blue cone markers on apron area to east of the central helipad.

10.3 **HEL Circuit Operations**

a. HEL CCTS ALT not ABV 700FT AMSL.
b. Use the same traffic pattern as other traffic and operate inside of fixed wing traffic.
c. Northern Grass is the manoeuvring area, N of Central Pad and W of Northern Pad.
d. Eastern Grass is the manoeuvring area, S and E of TWY D and N of TWY B, excluding the Central Pad.
e. Northern Grass and Eastern Grass OPS require ATC approval. Pilots should book online at www.qld.bookawk.com.
f. When duty RWY 28/10 use Northern Grass and for duty RWY 04/22 use Eastern Grass.
g. Once established within Northern Grass or Eastern Grass HEL may OPR in ground effect on listening watch, unless conducting CCTS. Other OPS require ATC approval.
h. Initial TFC INFO only will be provided on other HEL conducting CCTS.
i. Circuits should be conducted as follows:
(i) CCTS direction and FREQ as per ATIS
(ii) Once established the only COM is an ‘AIRBORNE’ call before each circuit
(iii) Turn crosswind no later than airfield boundary

(iv) HEL CCTS should remain S of Granard Road for Northern Grass OPS and W of Beaudesert Rd for Eastern Grass OPS
(v) Eastern Grass HEL CCTS OPS to remain E of control tower
(vi) ATC will not positively control HEL TKOF and LDG from HEL training areas or provide sequencing instructions
(vii) A continuous look out for airborne TFC must be maintained by PIC.

10.4 **HEL Departures**
a. DEP ALT not AVBL ABV 1,000FT AMSL.
b. DEP on track or into wind may be requested and requires ATC approval.
c. HEL should comply with fixed wing departure and transponder procedures.
d. Departure for intended entry into Brisbane CTR should advise:
(i) "UNI DEPARTURE" with taxi ready call, and
(ii) Unless instructed otherwise, depart the AF CTR via St. Lucia University into Class G airspace and contact Brisbane Centre 125.7 at St. Lucia University for clearance.

10.5 **HEL Arrivals**
a. ARR ALT 1,500FT AMSL, unless requesting entry into AF CTR via UNIVAT.
b. HEL reporting inbound at VFR approach points should comply with fixed wing arrival procedures.
c. HEL may be instructed to overfly runways not BLW 500FT for designated HLS.
d. Nominate HLS on first contact with ARCHER TOWER.

11. **COMMUNICATION FAILURE**
a. **During Tower Hours**
(i) Carry out general Communication Failure procedures in EMERG.
(ii) TR via the appropriate inbound reporting point.
(iii) Enter AF CTR at 1,500FT and proceed to overhead the aerodrome at that altitude.
(iv) Ascertain runway/s in use. For RWY 10/28, join the southern circuit for landing RWY 10R or 28L. For RWY 04/22, join the eastern circuit for landing RWY 04R or 22L.
(v) When ready, descend to circuit altitude remaining clear of the other circuit.
(vi) Maintain separation from other aircraft.
(vii) Proceed with normal circuit and landing.
(viii) Watch for light signals from the TWR.

12. **OPERATIONS OUTSIDE TWR HR**
All circuit direction left hand

12.1. **RWY availability:**
a. RWY 04R/22L HJ only
b. RWY 10L/28R H24
c. RWY 04L/22R and 10R/28L not AVBL

12.2. Pilots requiring airways clearance on DEP are to CTC BN Centre on 125.7 or PH 07 3866 3694^, immediately prior to engine start for and expected CLR time and discrete transponder code.

CTAF - AFRU 118.1

Outside TWR HR.

NOISE ABATEMENT PROCEDURES

1. Outside TWR HR when operational conditions permit, RWY 28 must be used for TKOF.
2. Low level HEL training is not permitted outside TWR HR.
3. Fly Neighbourly procedures apply to HEL and fixed wing, AVBL from AD OPR or website.

ADDITIONAL INFORMATION

1. Bird and animal hazards may be present on the airfield.
2. Ground signal circle located ADJ central WDI.
3. Caution: Frequent temporary crane operations 144FT AMSL BRG 105 DEG MAG 1,150M FM ARP below transitional, approach and take off SFC for RWY 10L/28R, but penetrates VSS for runway 28R.
4. Caution: Regular crane operations 192FT AMSL BTN BRG 346 – 353 DEG MAG BTN 695M – 805M FM ARP. Infringe RWY 04L/22R transitional SFC by 58FT and inner HZS by 63FT.

Information may be continued on the next page: PTO

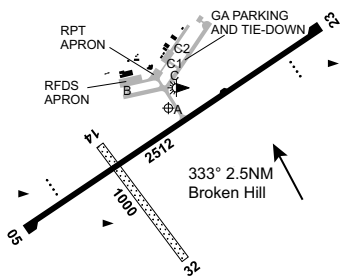
5. Caution: Frequent scissor lift testing 138FT AMSL BRG 178 MAG 710M FM ARP, below RWY 10R/28L transitional SFC by 15FT.
6. Caution: Regular crane operations 92FT AMSL BRG 115 MAG 850M FM ARP. Infringe RWY 10L take off SFC maximum 7FT.
7. Caution: Jet blast hazard may exist for light ACFT and HEL OPR on the following taxiways:
   a. Intersection of TWY J1 and TWY H from ACFT positioned on apron north of Terminal building;
   b. Intersection of TWY J and TWY J1 from ACFT at Archerfield Jet Base apron.

CHARTS RELATED TO THE AERODROME

1. WAC 3340.
2. Also refer to AIP Departure and Approach Procedures.

BROKEN HILL — ELEV 959

AVFAX CODE 2232



NSW UTC +9:30 YBHI
320005S 1412818E VAR 9 DEG E CERT
AD OPR Council of the City of Broken Hill, PO Box 448, Broken Hill, NSW, 2880. PH 08 8080 3300.
ARO H24 0418 858 378. Fax 08 8080 3423.

REMARKS

1. AD Charges: Landing fees all ACFT. Schedule of charges AVBL at http://bit.ly/1RRWAwz.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

AIR BP: JET A1 MON-FRI 0800-1700 Local. AH by arrangement. AVGAS self serve. BP card facility. Phone 0408 728 605 H24.
IOR Aviation Pty Ltd. JET A1 and AVGAS 100LL AVBL H24 self-serve bowser.
Payment method via IOR Aviation tag for account holders or via the Fuelcharge APP.
JET A1 U/W and O/W (refueller vehicle) 0700-1600 Local MON-FRI; 0800-1600 weekends. AH call out fee applies. IOR mobile contact 0460 046 609 or 1300 457 467.

APRONS AND TAXIWAYS

Taxiing only permitted via sealed surfaces.

AERODROME OBSTACLES

1. Lit mast 1,320FT AMSL, 323DEG MAG, 1.85NM FM ARP, Infringes HZS by 250FT.
2. Tower 1,275FT AMSL, 330DEG MAG, 4NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 02 9353 6406 - Report faults to BoM.
3. AWIS FREQ 123.15 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	047	82a	PCR 125/F/A/0.93 MPa/U	WID 30	RWS 150
14/32	134	33c	5700 kg/0.55 MPa Brown sand. Sealed each end.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 05/23	LIRL	PAL+AA 119.6		SDBY PWR AVBL
RWY 05/23	PAPI(1)	PAL+AA 119.6	3.0 DEG47FT	SDBY PWR AVBL
RWY 05/23	PTBL(2)			BY PRIOR ARRANGEMENT
RWY 14/32	PTBL(2)			BY PRIOR ARRANGEMENT

(1) Left side.
(2) EMERG only. 90MIN PN.
RWY edge light spacing: 60M.

OTHER LIGHTING
TWY LGT: Blue edge on A, B, C and C1.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA	MELBOURNE CENTRE	122.6 On ground

RADIO NAVIGATION AND LANDING AIDS
DME	BHI	114.2/ 89X	320002.4S	1412847.3E		(2)
NDB	BHI	332	315931.3S	1412806.4E	Range 150 (HN 85)	(3)
VOR	BHI	114.2	320002.4S	1412847.9E		(1)

(1) 256/0.5 to ARP - Scalloping may occur on final RWY 05.
(2) Antenna ELEV 973FT.
(3) 158/0.6 to ARP.

LOCAL TRAFFIC REGULATIONS
1. RWS not maintained for ACFT OPS.
2. General aviation parking via TWY C.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION
Bird and animal hazard exists.

CHARTS RELATED TO THE AERODROME
1. WAC 3458.
2. Also refer to AIP Departure and Approach Procedures.

BROMELTON

FULL NOTAM SERVICE NOT AVBL

QLD	UTC +10	BML
275800S 1525400E	VAR 11 DEG E	NO AD

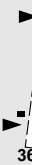
RADIO NAVIGATION AND LANDING AIDS
NDB	BML	374	275758.0S	1525402.8E	Range 50 (HN 50)

BROOKLET/BLUEBERRY FIELDS

ELEV 350
FULL NOTAM SERVICE NOT AVBL

NSW	UTC +10	YBBF
284423S 1532914E	VAR 12 DEG E	UNCR

AD OPR Blueberry Fields, 769 Fernleigh Road, Brooklet, NSW, 2479.
Email: ottosaeck769@gmail.com. PH 0428 332 595 (H24). ARO 0432 090 293.
Website: www.blueberryfields.com.au.



REMARKS
PPR.

AERODROME OBSTACLES
Powerline on NE side, clear of the landing strip.

PHYSICAL CHARACTERISTICS
18/36	11c	Unrated. Grass. RWY LEN 350M.	WID 25	RWS 45

ATS AND AERODROME COMMUNICATION FACILITIES
FIA	BRISBANE CENTRE	120.3

FLIGHT PROCEDURES
Pilots are requested to avoid overflying residential buildings when approaching from the south.

CTAF 127.55

ADDITIONAL INFORMATION
1. Farm traffic (vehicles and people) could be crossing at any time.
2. If traffic on RWY, overfly.

CHARTS RELATED TO THE AERODROME
WAC 3357.

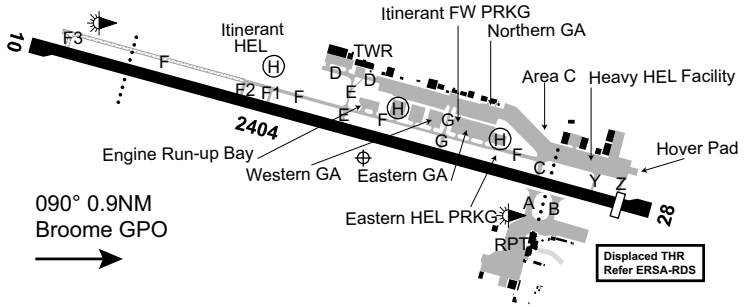
Information may be continued on the next page: PTO

BROOME/INTL ELEV 57

AVFAX CODE 6903

WA UTC +8 YBRM
175658S 1221340E VAR 1 DEG E CERT

AD OPR Broome International Airport, Locked Bag 4016, Broome, WA, 6725. PH 08 9194 0600: Duty Groundsman 0437 900 566. PH AH Night Security 0438 921 699. Fax 9194 0610. Website: www.broomeair.com.au.



REMARKS

1. All International arrivals and departures must be notified to AD OPR prior to OPS. Refer to website.
2. AD charges to all ACFT. Check the BIA website for latest INFO for landing and parking fees.
3. BIA is a security controlled airport. All pilots are required to maintain the safety and security of their passenger's airside at all times.
4. The Southern RPT APN at BIA is a designated Airside Security Zone.
5. Southern APN by approval and RPT only.

HANDLING SERVICES AND FACILITIES

AIR BP: 2200-1000 UTC DLY, AH 1HR PN. Outside normal HR of operation fee applies. Phone 0436 412 616. Radio 129.9. AVGAS, JET A1.
Viva Energy Aviation: Skyfuel Australia: 2100-1100 UTC MON-FRI, 2300-0900 UTC SAT, 2300-1100 UTC SUN. Phone 0439 078 085, AH 1HR PN (call out fee applies). JET A1 and JetPlus. Fuel2Sky Carnet Cards or credit cards (V and MC).
Ground handling AVBL on request only. Contact AD OPR.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 6:
   a. 2145-1115 UTC MON - FRI.
   b. 2145-0700 UTC SAT.
   c. 0118-1115 UTC SUN.
2. 131.0 MHz AVBL HO.
3. Water Rescue Service AVBL.

AERODROME OBSTACLES

1. Radio mast, unmarked and unlit 230FT AMSL, 1,760M BRG 200 DEG MAG from ARP. Infringes HZS by 43FT.
2. RWY 10 TKOF transient obstacle 2.92% truck on Highway, refer to Type A Chart.
3. RWY 28 approach obstacle 2.14% light pole, refer to Type A Chart.
4. CAUTION HELICOPTERS: multiple light poles 33FT AGL, 20M S Northern GA APN.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI.
2. AWIS Phone 08 6216 2603 - Report faults to BoM.
3. AWIS FREQ 126.55 (requires one one-second pulse to activate). AWIS will transmit for 90 SEC. Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

10/28 104 79a PCR 462/F/B/1.50 MPa/T Grooved. WID 45 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 10/28	MIRL(1)	AFRU+PAL 126.0		SDBY PWR AVBL
RWY 10/28	PAPI(2)	AFRU+PAL 126.0	3.0 DEG54FT	SDBY PWR AVBL

(1) PAL AVBL outside TWR HR.
(2) Double sided.
RWY edge light spacing: 10/28: 60M.

OTHER LIGHTING

1. Standby PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge on A, B, C and E. All other TWY have reflectors.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	123.95 On ground (Outside TWR HR)
ATIS	BROOME	128.2
SMC	BROOME GROUND	121.7
TWR	BROOME TOWER	126.0

1. TWR HRS:
   a. SUN-FRI: 0000-1145 UTC
   b. SAT: 0000-0945 UTC
   Phone 08 9192 7702^
   Note: TWR HR may change at short notice, check status of airspace with ATS or Broome ATIS.
2. Broome TWR provides combined TWR and APP CTL services within Class D and E airspace BLW 5,500FT AMSL DRG TWR HR. CTC TWR for clearance.
3. Outside TWR HR, Broome Class D and E airspace BLW 5,500FT AMSL becomes Class G.

RADIO NAVIGATION AND LANDING AIDS

DME	BRM	115.3/100X	175648.5S	1221405.2E		(1)
NDB	BRM	320	175646.7S	1221407.1E	Range 60 (HN 60) OW 110 (OW HN110)	

(1) Antenna ELEV 43 FT.

LOCAL TRAFFIC REGULATIONS

1. Visiting pilots unfamiliar with Broome operations, or pilots wishing to conduct circuits/practice instrument approaches, are to contact BROOME TOWER on 08 9192 7702^.
2. Parking:
   a. All GA parking on aprons to the N side of RWY VIA TWY C, E, F and G.
   b. Visitor parking marked on pavement or by yellow cones.
   c. 48 HR PN to AD OPR for non-Broome-based ACFT PRKG.
   d. Gate 6 parking by arrangement only, 30MIN MAX parking time, must park in designated areas, wingspan restrictions apply.
   e. Non scheduled Code C ACFT must park in Area C via TWY C.
3. Rotary wing arriving/departing Northern HEL Apron or Eastern GA Apron approach/depart via TWY F unless specifically advised otherwise by ATC. Minimum taxi speed in ground effect at all times.
4. All ACFT ABV 20,000KG, landing RWY 28 are to roll through to RWY end prior to executing 180DEG turn. Full length backtrack.
5. TWY C not AVBL to ACFT with a wingspan greater than 36M.
6. TWY D and northern GA APN not AVBL to ACFT with a wingspan greater than 20M.
7. TWY E and TWY G north of TWY F not AVBL to ACFT with a wingspan greater than 20M.
8. TWY Y, Z and heavy HEL APN for wheeled HEL only. No fixed wing permitted.
9. ACFT up to 24M wingspan, to use TWY F to minimise backtracking on RWY during busy periods.
10. GA ACFT to do intersection departures where operationally possible.
11. RWY 10 SOT at W turning node.
12. RWY 28 SOT at E turning node.
13. Gate 6 APN via TWY B only.

Information may be continued on the next page: PTO

14. **Training Flights - All Aircraft**
Circuit training is only to be conducted BTN 0900-2000 Local. All training flights to be conducted in compliance with Noise Abatement Procedures contained herein and the Broome International Airport “Fly Neighbourly Policy” - see website.

15. **Engine Ground Running - All Aircraft**
Due to the proximity of the Broome Residential area, Engine Ground Running is to be conducted in the engine run-up bay at the corner of TWY E and F. All ground runs to be conducted only BTN 0530-2000 Local and within the confines of the engine run-up bay, helicopters not permitted in run-up bay, engine runs to be conducted in helicopter parking areas, unless otherwise approved by the Airport.

16. Departures prior to 0600 Local must have prior approval from the Airport.

17. Due to grades on RWY 10/28, opposite ends of the RWY are not visible when taking off. Mandatory CTAF BCST RQ BFR OPR on RWY.

FLIGHT PROCEDURES

1. During TWR hours;
Broome TWR Class E Airspace;
   a. Horizontal limits: A circle of 31NM centred on YBRM/DME, excluding the Class D Airspace.
   b. Vertical limits: 1,200FT AGL - BLW 5,500FT AMSL.

2. VFR aircraft are encouraged to CTC TWR with their intentions prior to entering and operating in Broome TWR Class E airspace.

3. VFR aircraft should maintain continuous two way communications whilst operating in Broome TWR Class E airspace.

4. For special procedures which apply to the Horizontal Falls, see *ERSA GEN - SPECIAL PROCEDURES*.

CTAF - AFRU 126.0

NOISE ABATEMENT PROCEDURES

1. Fly Neighbourly procedures are requested when operating piston engine and turboprop aircraft, including all helicopters, within the Broome environ, except in IMC, or when in VMC and stress of weather or traffic avoidance procedures require alternative action. These procedures do not apply to ultralight aircraft.

2. **Arrivals**
Piston Engine and Turboprop Aircraft
Runway 10 - aircraft are to be established on final while over water.
Runway 28 - aircraft are to be established on final approach over water (Dampier Creek).
Twin Engine Helicopters
Runway 28 - aircraft are to conduct an oblique final approach north of the shopping centre for landing midway down the runway.
Runway 10 - aircraft are to avoid built up areas and be established on final while over water.

3. **Departures**
Piston Engine and Turboprop Aircraft
Runway 10 - aircraft to climb on runway heading until over Dampier Creek.
Right turns - not to be commenced below 1,500FT.
Left turns - aircraft to remain clear of built up area before setting heading.
Runway 28 - aircraft are to maintain heading until over water.
Right turns - not to be commenced below 1,500FT.
Left turns - aircraft to remain clear of built up area before setting heading.
Twin Engine Helicopters
Runway 10 - aircraft to pass north of shopping area and remain clear of built up area before setting heading.
Runway 28 - aircraft to maintain take-off heading until established over water.
Right turns - climb straight ahead to 1,500FT. Make right turn remaining just off the coast to 3NM. Make right turn to intercept the outbound bearing by 5NM.
Left turns - aircraft to remain clear of built up area before setting heading.

4. **Circuit training - Piston Engine and Turboprop aircraft**
Left circuits. Circuits not permitted BTN 2000-0900 Local all aircraft.
Twin Engine Helicopters
a. All circuits to south of the airport and avoid built up areas, circuits not permitted BTN 2000-0900 Local unless approved by the Airport.
b. Night circuits - oblique departures and arrivals to runways 10 and 28 respectively.
c. Night circuits and off shore night deck landings with late arrivals back into Broome not permitted Sunday and Monday nights, unless approved by the Airport.

ADDITIONAL INFORMATION

1. Bird and animal hazard exists. Flying fox (bat) activity on final APCH RWY 28 1HR prior to and after last light.
2. Blast embankment, 6FT AGL, 2,568M FM SOT RWY 10 and 230M short of THR RWY 28.
3. Weather balloon launch APRX 2315 UTC. Launches may occur at other times.

CHARTS RELATED TO THE AERODROME

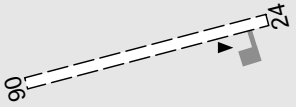
1. WAC 3223.
2. Aerodrome Obstacle Chart Type A: November 2025.
3. Also refer to AIP Departure and Approach Procedures.

BROWNS RANGE

ELEV 1466

FULL NOTAM SERVICE NOT AVBL

WA UTC +8 YBNR
185344S 1285631E VAR 3 DEG E UNCR
AD OPR Northern Minerals Browns Range Mine Site, PO Box 669, West Perth, WA, 6516.
Email: evanrooyen@northernminerals.com.au. PH 08 9482 2218. PH 08 9481 5929.



REMARKS

OPR requires permission to land.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL.

PASSENGER FACILITIES

No mobile phone coverage.

PHYSICAL CHARACTERISTICS

06/24 36c 5700 kg Unrated. Gravel RWY LEN 1,100M. WID 18 RWS 45

AERODROME AND APPROACH LIGHTING

PTBL EMERG lighting AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.2

CTAF 126.7

ADDITIONAL INFORMATION

Animal and bird hazard exists.

CHARTS RELATED TO THE AERODROME

WAC 3222.

Information may be continued on the next page: PTO

BROWSE BASIN

AVFAX CODE 9907 **FULL NOTAM SERVICE NOT AVBL**

WA		UTC +8	YBRB
135709S	1231823E	VAR 1 DEG E	UNCR

ATS AND AERODROME COMMUNICATION FACILITIES

HF	NORTH WESTERN	8843

CTAF 123.45

CHARTS RELATED TO THE AERODROME

1. WAC 3108.
2. Also refer to AIP Departure and Approach Procedures.

BRUNY ISLAND

ELEV 26

FULL NOTAM SERVICE NOT AVBL



TAS		UTC +10	YBYI
431406S	1472247E	VAR 16 DEG E	UNCR

AD OPR Bruny Island Aviation Trust, 3959 Bruny Island Main Road, Bruny Island, TAS, 7150. Email: info@brunyisland.com. Mobile 0427 931 271. Website: www.brunyisland.com.

REMARKS

1. AD Charges: by donation.
2. PH AD OPR prior to ARR for RWY conditions.

PHYSICAL CHARACTERISTICS

14/32 21c Unrated. Gravel. RWY LEN 650M. Slope level. WID 10 RWS 25

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	HOBART CENTRE	(2)	125.55
UNICOM	BRUNY UNICOM		126.7 (1)

(1) When AVBL.
(2) Outside HB TWR and APP HR ML CENTRE.

LOCAL TRAFFIC REGULATIONS

Confirm PRKG SFC conditions following rain.

FLIGHT PROCEDURES

Right hand CCTS on RWY 14 due to terrain.

CTAF 126.7

ADDITIONAL INFORMATION

1. Trees on both APCH paths with high GND near the RWY 14 APCH.
2. Caution: Turbulence.
3. Splay areas below ALA recommended MNM due to hangar and perimeter trees.
4. Wildlife hazard exists.

CHARTS RELATED TO THE AERODROME

WAC 3556.

BUNBURY

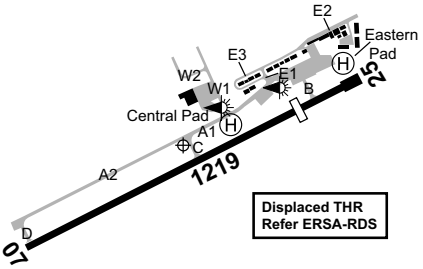
ELEV 53

AVFAX CODE 6307

WA UTC +8 YBUN

332241S 1154037E VAR 2 DEG W CERT

AD OPR Bunbury City Council, PO Box 21, Bunbury, WA, 6231. Email: info@bunbury.wa.gov.au: airport@bunbury.wa.gov.au. PH 08 9792 7000. ARO 0419 969 219: EMERG 08 9792 7000 H24. ARO Fax 08 9792 7184.



HANDLING SERVICES AND FACILITIES

AIR BP: H24 AVGAS Card Bowser. JET A1 not AVBL. TEL 08 9725 4377, AH 0460 031 288.

PASSENGER FACILITIES

WC

AERODROME OBSTACLES

Mast lit and painted 169FT AMSL (108FT AGL) PSN 332308.78S 1154016.06E.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS FREQ 133.05 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

07/25 066 40a PCR 25/F/B/Y/U Sealed. WID 18 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 07/25 LIRL(1) PAL+AA 125.1 SDBY PWR AVBL

(1) RWY lighting laterally spaced 32M.

RWY edge light spacing: 07/25: 60M.

OTHER LIGHTING

1. Secondary PWR generator switchover time: 28 SEC.
2. TWY LGT: Blue edge TWY A1, A2, B, C and D.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 124.9 On ground

LOCAL TRAFFIC REGULATIONS

1. Ultralight and microlight OPR HJ. Significant flight training activity.
2. The RWS for the southern side of 07/25 has been suitably prepared and is available for take-offs and landings. The RWS is only available OCT-MAY. The limitations on the availability of the RWS are the RWS is for HJ use only and is not AVBL for jet OPS.

CTAF 127.0

Information may be continued on the next page: PTO

NOISE ABATEMENT PROCEDURES

1. Pilots are encouraged to adopt the fly neighbourly procedures that are designed to minimise ACFT noise impacts on residential areas. View the document at www.bunbury.wa.gov.au
2. Circuit training is permitted only BTN the FLW HR:
   a. MON-FRI 0700 – 2200 Local
   b. SAT-SUN 0800 – 1800 Local
   c. No circuit training:
      (i) Good Friday
      (ii) Easter Monday
      (iii) ANZAC Day
      (iv) Christmas Day
      (v) New Year's Day
3. ACFT below 600KG and flying below 55KT (microlights/ultralights) permitted to fly 500FT circuits MON-SUN: 0600 - Sunset (Local).

ADDITIONAL INFORMATION

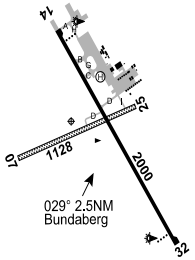
1. Searchlight display OPR FM PSN BRG 327 MAG 3.8NM FM ARP.
2. Model ACFT OPR WI 500M RAD of PSN 333048.00S 1153642.00E BRG 203 MAG 8.8NM FM Bunbury AD (YBUN) SFC to 1,000FT AGL.
3. Bird hazard exists in the vicinity of RWY 07/25.

CHARTS RELATED TO THE AERODROME

1. WAC 3462.
2. Also refer to AIP Departure and Approach Procedures.

BUNDABERG ELEV 107

AVFAX CODE 4022



QLD UTC +10 YBUD
245414S 1521907E VAR 10 DEG E CERT
AD OPR Bundaberg Regional Council, PO Box 3130, Bundaberg, QLD, 4670. Email: airport@bundaberg.qld.gov.au. PH 1300 883 699.
ARO 0418 796 991 (H24).

REMARKS

1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

Air BP - Bundaberg Aviation Fuel; MON-SUN 0730-1700 Local. AH refuelling fee $160 plus GST/ $176 plus GST. Phone H24 07 4155 1061, 0468 425 130. Email: bdbavfuel@gmail.com. H24 Air BP carnet card swipe AVGAS 100LL bowser. JET A1 truck. O117, O125, other 24HR PN. Credit cards office hours only.
IOR Aviation Pty Ltd - JET A1 AVBL truck O/W and U/W MON-SUN 0800-1700 Local. AH call-out available, fees apply, $250.00 plus GST - payment method via IOR Aviation account holders, credit card or EFTPOS. CTC 0484 690 921.

PASSENGER FACILITIES

LG/WC/TX/HC/AC/RF

AERODROME OBSTACLES

1. Lit mast APRX 259FT AMSL BRG 008 DEG MAG 1,957M FM ARP. Infringes inner HZS by 12FT.
2. LIOL on APN light:
   a. APRX 182FT AMSL BRG 017 DEG MAG 585M FM ARP. Infringes TNS by 8FT.
   b. APRX 180FT AMSL BRG 012 DEG MAG 620M FM ARP. Infringes TNS by 6FT.
3. Tree 157FT AMSL BRG 338 DEG MAG 1,312M FM ARP. Infringes VSS by 5FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS Phone 07 3564 3706 - Report faults to BoM.
3. AWIS FREQ 135.45 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

07/25	059	37c	Unrated. Grassed grey silt clay	WID 30	RWS 90
14/32	138	66a	PCR 450/F/C/1.40 MPa/U Grooved. Sealed shoulders 7.5 M wide (old RWY), 3M wide on SE extension.	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 14/32	LIRL(1)	AFRU+PAL 126.9		SDBY PWR AVBL
RWY 14	PAPI	AFRU+PAL 126.9	3.0 DEG55FT	SDBY PWR AVBL
RWY 32	PAPI	AFRU+PAL 126.9	3.0 DEG53FT	SDBY PWR AVBL

(1) HN only.

1. RWY edge lighting spacing: 14/32: 60M.
2. PAL only activates PAPI HJ.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Green CL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	124.1 On ground

RADIO NAVIGATION AND LANDING AIDS

NDB	BUD	302	245423.7S	1521913.1E	Range 65 (HN 60)	(1)

(1) 149DEG MAG 363M FM ARP

LOCAL TRAFFIC REGULATIONS

1. ACFT ABV 23,000KG to execute 180DEG turns at RWY ends.
2. TWY D MAX 5,700KG.
3. RPT APN limited to RPT ACFT and other ACFT approved by the AD OPR with 24HR PN for bay allocation.
4. RPT APN PRKG restrictions apply - not AVBL for GA, helicopters or itinerant ACFT PRKG except for RAAF and government ACFT with PN. Other requests considered with 24HR PN. Email approval for ACFT that require RPT APN due to mass or wingspan limitations. ACFT PRKG and passenger fees apply.
5. GA ACFT engine runs to be conducted in GA area, clear of RPT APN. CTC ARO for other location REQ.
6. Light ACFT with tail skids to confine OPS to RWY 07/25.
7. **HELICOPTER PARKING**
   a. PSN H1 and H2 MAX rotor DIA 13M.
   b. PSN H3 MAX rotor DIA 15M.
   c. Large wheeled HEL park on RPT APN Bay 1 with PN.

CTAF - AFRU 126.9

NOISE ABATEMENT PROCEDURES

1. Preferred RWY 32 for ARR, RWY 14 for DEP.
2. If DEP RWY 32 RQ, full length of RWY to be used.
3. Circuit training permitted 2000-0900 UTC.
4. Night circuit training permitted 0900-1200 UTC for local ACFT. Other ACFT PPR.

ADDITIONAL INFORMATION

1. Ultralight OPS take place WI 1NM RAD Booyan ALA (14NM NW Bundaberg) not above 1,000FT AGL.
2. Winch (rope) launched GFY to A030 at Elliott Field 200DEG/10NM YBUD ARP. Gliders OPR on YBUD CTAF.
3. Access to aprons via pedestrian gates. Code AVBL to bona fide aircrew by contacting the ARO.
4. Pilots, crew and operators must display a current ASIC when airside and have a bona fide reason to be in the Security Restricted Area.
5. Increased flying fox activity in vicinity during twilight periods.

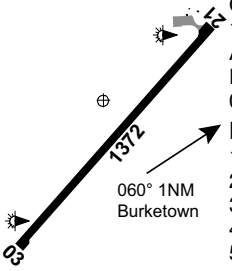
Information may be continued on the next page: PTO

CHARTS RELATED TO THE AERODROME

1. WAC 3340.
2. Also refer to AIP Departure and Approach Procedures.

BURKETOWN ELEV 21

AVFAX CODE 4519



QLD UTC +10 YBKT
174455S 1393204E VAR 5 DEG E CERT
AD OPR Burke Shire Council, Musgrave Street, Burketown, QLD, 4830. Email: office@burke.qld.gov.au. PH 07 4745 5100. ARO 0419 396 224: 0458 004 131. Fax 07 4745 5181.

REMARKS

1. This AD is a Security Controlled Airport.
2. AD Charges: All ACFT
3. Landing Charges $5.50/tonne - MNM $11.
4. Parking: $5.50/overnight. $330/annum.
5. Parking without approval in a no standing area incurs a fine of $27.50.

HANDLING SERVICES AND FACILITIES

Fuel not AVBL whilst RPT ACFT on APN.
Nowland: DLY H24. Phone 07 4745 5107, AH 0427 455 107. AVGAS, JET A1, O125. Credit card self-service bowser (not AMEX or DC).

AERODROME OBSTACLES

1. Marked unlit mast 185FT AMSL BRG 029 MAG 1.30NM FM ARP. Infringes HZS by 20FT.
2. LGT TWR APN 55FT AMSL 114M and 133M FM RWY CL. Infringes TNS by 17FT.
3. Tree 44FT AMSL 84M NW of RWY CL at THR RWY 21. Infringes TNS by 21FT.
4. Fence post 27FT AMSL 78M NW of RWY CL at THR RWY 21. Infringes TNS by 7FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 07 3564 3707 - Report faults to BoM.
3. AWIS FREQ 123.05 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

03/21 037 45a PCR 69/F/C/0.85 MPa/U WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 03/21 LIRL AFRU+PAL 126.7 SDBY PWR AVBL

OTHER LIGHTING

1. Secondary PWR switchover time: 30 SEC.
2. TWY LGT: Blue edge.
3. RWY edge light spacing 60M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.7 3000FT

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

1. Animal activity (wallabies).
2. Gliding OPS HJ during the dry season - winch or towed to 3,000FT.
3. Manned balloon activities to NE of AD may occur morning and afternoon BTN June and September.

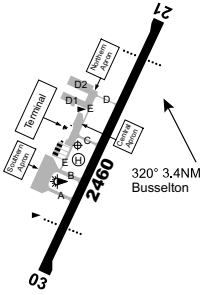
CHARTS RELATED TO THE AERODROME

1. WAC 3220.
2. Also refer to AIP Departure and Approach Procedures.

BUSSELTON

ELEV 56

AVFAX CODE 6305



WA UTC +8 YBLN
334114S 1152401E VAR 3 DEG W CERT
AD OPR City of Busselton, Locked Bag 1, Busselton, WA, 6280.
Email: airport@busselton.wa.gov.au. PH AD 08 9781 0444.
ARO 0417 928 916. Website: www.busseltonmargaretriverairport.com.au.

REMARKS

1. AD Charges and Noise Management Plan apply to all ACFT, refer to Busselton-Margaret River Airport website.
2. This AD is a Security Controlled Airport. Security gate access codes can be obtained by contacting the AD office.
3. All pilots and OPR are REQ to wear acceptable hi vis clothing or vests when airside and must possess and display current ASIC.
4. STD OPR HR ACFT:
   EMERG services unrestricted.
   Recreational and GA 0600-2200 Local.
   RPT and CHTR ACFT 0600-0000 Local - PPR.
5. All ACFT over 5,700KG notify AD OPR for LDG approval and use of AD as an alternate. CTC ARO by phone or email.

HANDLING SERVICES AND FACILITIES

AIR BP/City of Busselton: JET A1, AVGAS. TEL AD OPR.
JET A1 truck refuelling AVBL. Air BP carnet card only.
JET A1 and AVGAS bowsers AVBL. Air BP carnet card or credit card accepted.
ACFT requiring ground handling services contact MRBTA. TEL 0437 372 074.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI.
2. AWIS Phone 08 6216 2604 - Report faults to BoM.
3. AWIS FREQ 128.05 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

03/21	028	81a	PCR 550/F/A/2.30 MPa/U Grooved.	WID 45	RWS 280

AERODROME AND APPROACH LIGHTING

RWY 03/21	LIRL(1)	PAL 119.6		SDBY PWR AVBL
RWY 03/21	PAPI(1)	PAL 119.6	3.0 DEG65FT	SDBY PWR AVBL

(1) PAL requires three three-second pulses to activate.
RWY edge light spacing: 03/21: 60M.

OTHER LIGHTING

1. SDBY PWR switchover time: 25 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 124.9 Circuit area

RADIO NAVIGATION AND LANDING AIDS

NDB BLN 386 (RWY21) 334132.7S 1152342.6E Range 50 (HN 50)

Information may be continued on the next page: PTO

LOCAL TRAFFIC REGULATIONS

1. Flight training not AVBL without prior approval. Contact AD OPR for further information.
2. Light ACFT and HEL PRKG AVBL in marked areas.
3. Restrictions:
   a. ACFT ABV Code B LTD to TWY A, B, C.
   b. PRKG Bays 1-4 by approval only.
   c. TWY E not AVBL DRG HELITACK TKOF and LDG.
   d. Wide body ACFT PRKG Bay 1 only via TWY A or B, approval FM AD OPR RQ.
4. Jet ACFT must taxi away FM APN PRKG PSN using MNM breakaway thrust.
5. Unlit HEL APN position mid field adjacent to ARP. Restricted to DFES use November to April.
6. Departing ACFT ABV 15,000KG MTOW are required to taxi on RCL to the THR of RWY in use and turn at the turning nodes.
7. Arriving ACFT ABV 15,000KG MTOW requiring 180 DEG backtrack turns are to extend the landing roll to the end of the RWY in use and use turning nodes for turning.
8. All turns on the RWY and the turning nodes are to be at MNM speed and MAX turning radius.

FLIGHT PROCEDURES

1. TKOF and landing on grass strip not permitted.
2. Training flights conducting practice instrument approaches should add 1,000FT to all the ALT prescribed in the approach to reduce noise nuisance and interference with circuit traffic. Such flights should BCST their intentions, including ALT limit of OPS when turning inbound. IMC flight should remain as high as practical when encountering VMC and join the circuit in a standard manner.

CTAF - AFRU 127.0

NOISE ABATEMENT PROCEDURES

1. Pilots are requested to use the same RWY for DEP and ARR - if operationally acceptable.
2. Adopt rate of CMB/decent which minimises noise over residential areas.

ADDITIONAL INFORMATION

Bird hazard. Possibility of large numbers of wetland birds in the vicinity of AD.

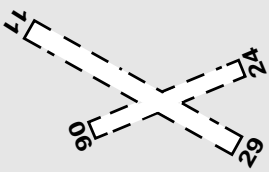
CHARTS RELATED TO THE AERODROME

1. WAC 3462.
2. Also refer to AIP Departure and Approach Procedures.

CABOOLTURE

ELEV 40

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YCAB
270437S 1525913E VAR 11 DEG E UNCR
AD OPR Caboolture Aero Club Inc, Lot 451, McNaught Road, Caboolture, QLD, 4510. Email: secretary@cacq.com.au: president@cacq.com.au. PH 0488 922 245.
Website: https://cabooltureaeroclub.com.au.

REMARKS

1. All pilots are RQ to read and comply with the Operations Manual refer to 'Resources' page on the website.
2. Itinerant and regular visiting ACFT - refer to Operations Manual prior to arrival.
3. Refer 'Runway Status' webpage for latest information regarding the RWY SFC. All pilots should refer to this information before departing or planning to arrive at YCAB.
4. PPR for regular non-resident commercial operators via an external access agreement (CTC Secretary).
5. No night OPS between last light and first light.

HANDLING SERVICES AND FACILITIES

Airwork Helicopters: 2200-0700 UTC DLY. Phone 07 5495 8000.
Burgess Aircraft Maintenance: Phone 0437 716 577.
VIVA Energy: Airport Refuelling Service H24. Phone 0408 711 968, Card Swipe Bowser AVGAS. VIVA Fuel2Sky and credit cards (V and MC).
Caboolture Aero Club: MOGAS (98RON) Bowser. Airport Refuelling Service H24, Phone 0488 922 245 (APP RQ).

PASSENGER FACILITIES

WC/ME.

PHYSICAL CHARACTERISTICS

06/24	25c	Unrated. Grass. RWY LEN 768M.	WID 10	RWS 40
11/29	32a/c	Unrated. Grass. 400M of north western end sealed. RWY LEN 970M.	WID 10	RWS 50

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	125.7 On ground

LOCAL TRAFFIC REGULATIONS

1. No TKOF RWY 24 except in EMERG or when wind strength and direction preclude safe OPS on other RWY.
2. DTHR RWY 06 and RWY 29.
3. Training CCTS Caboolture based operators only. PPR for all other operators.
4. Prior to crossing any RWY, all aircraft are to stop at the holding points and check for arriving or departing TFC.
5. Avoid taxiing on grassed area if recent heavy rainfall.
6. Visitor PRKG is AVBL in the following locations:
   a. In front of the clubhouse.
   b. Grassed area SW of RWY 06 THR.
7. 10 MIN PRKG limit between AVGAS bowser and hangars 1 and 2.
8. Carriage and use of radio is required by the AD OPR.

FLIGHT PROCEDURES

1. Right hand CCTS required when OPR RWY 29.
2. All HEL DEP and ARR will be only from the East.
3. Circuit height 1,000FT AGL MNM, excluding gyrocopters.
4. Straight in approaches not permitted on RWY 11 or 06.

CTAF 125.85

Information may be continued on the next page: PTO

NOISE ABATEMENT PROCEDURES

Note: Compliance with the following Noise Abatement Procedures does not affect a pilot's responsibility to operate in accordance with Civil Aviation Safety Regulations and procedures.

1. Sensitive areas to N, E and W to be avoided at all times.
2. DEP from RWY 24 required to make a 90DEG left turn at 500FT AGL to avoid overflying the Hospital and populated areas.
3. DEP from RWY 29 required to make a 90DEG right turn at 500FT AGL to avoid overflying populated areas.
4. DEP from RWY 24 and 29 required to commence ground roll at E extremity of RWY.
5. MAX 5 ACFT (including HEL) conducting circuits at any time.
6. Training CCTS Caboolture based operators only. PPR for all other operators.
7. Training CCTS permitted between 0700 Local and last light.
8. Fly neighbourly guidance AVBL from website.

ADDITIONAL INFORMATION

1. Kangaroo and bird hazard exists.
2. Caution: standing water or soft movement areas after rain.
3. Gliding OPS using aero-tow.
4. YCAB has diverse range of operational and training activities such as fixed wing, HEL, warbirds, ultralight, gyrocopters, parachutes, banner towing and formation flying.
5. Pilots should be aware that trees may encroach the transitional slopes gradients.

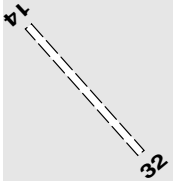
CHARTS RELATED TO THE AERODROME

WAC 3340.

CADNEY HOMESTEAD

ELEV 941

FULL NOTAM SERVICE NOT AVBL



SA		UTC +9:30	YCDH
275424S	1340321E	VAR 5 DEG E	UNCR

AD OPR Cadney Homestead, PM Bag 8, via Coober Pedy, SA, 5723.
PH 08 8670 7994. Fax 08 8670 7934.

HANDLING SERVICES AND FACILITIES

Cadney Homestead: HJ. PH AD OPR. AVGAS, JET A1 by bowser, O117, O125.

PASSENGER FACILITIES

AC/RF/PT All major credit cards.

AERODROME OBSTACLES

Unlit Mast 248FT AGL, 189M R of RWY 14 THR.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	120.7 5500FT
UNICOM	CADNEY UNICOM	126.7

FLIGHT PROCEDURES

Right hand CCTS required RWY 32.

CTAF 126.7

ADDITIONAL INFORMATION

Animal hazard exists.

CHARTS RELATED TO THE AERODROME

WAC 3343, 3354.

CAIGUNA

ELEV 287

FULL NOTAM SERVICE NOT AVBL

WA UTC +8 YCAG
321649S 1252840E VAR 2 DEG E UNCR

AD OPR John Eyre Pty Ltd, Caiguna Roadhouse, PMB 4, via Norseman, WA, 6443.
Email: caigunarh@bigpond.com. PH 08 9039 3459. Fax 08 9039 3449.

HANDLING SERVICES AND FACILITIES

AVGAS, H24. Phone 08 9039 3459.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 134.2 on ground

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3461.

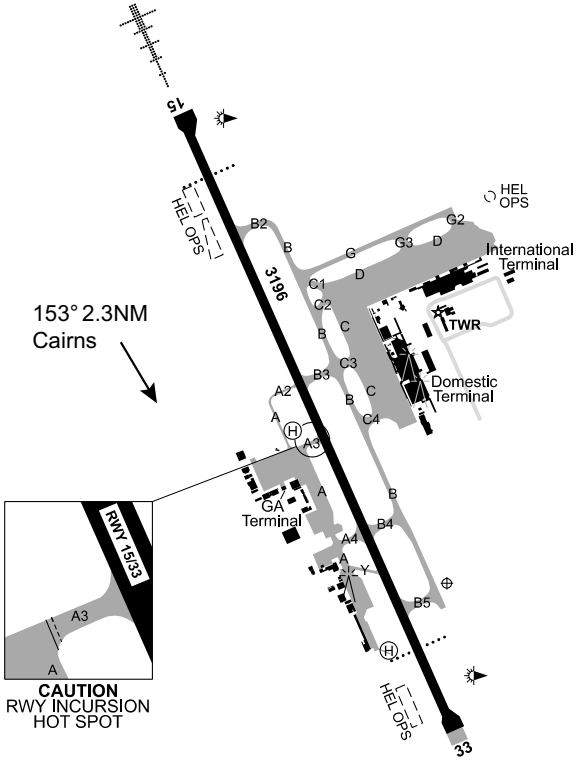
CAIRNS/CAIRNS INTL

ELEV 10

AVFAX CODE 4511

QLD UTC +10 YBCS
165309S 1454519E VAR 7 DEG E CERT

AD OPR Cairns Airport Pty Ltd, PO Box 57, Airport Administration Centre, Cairns Airport, QLD, 4870. Email: enquiries@cairnsairport.com.au. PH H24 07 4080 6744.
Website: www.cairnsairport.com.au.



Information may be continued on the next page: PTO

REMARKS

1. AD Charges: All ACFT refer conditions of use on website.
2. Restrictions apply for ground OPS. Contact Cairns Airport Pty Ltd for details. Phone 07 4080 6744 or 0412 773 065. Email coords@cairnsairport.com.au.
3. Aerodrome operations frequency - Cairns Airport Pty Ltd VHF 129.9.
4. INTL flights requiring Customs; Phone 07 4052 3551/4052 3552.
5. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

Air BP - Danshe Pty Ltd: 2000-0800 UTC DLY. Phone 07 4035 9872. Fax 07 4034 9238. Mobile 0418 778 956. AH 1HR PN. AH call-out fee. VHF 126.40. AVGAS, JET A1, JET FSII.
Viva Energy Aviation – JL Aviation Fuelling Pty Ltd:

a. RPT domestic/international aprons H24. JET A1. Mobile 0429 142 922.
b. GA Apron MON-FRI 1900 – 0800 UTC, SAT-SUN 1930 – 0800 UTC. JET A1 and AVGAS. Mobile 0417 788 330. JET A1 AH CTC 0429 142 922.

Machjet International: Marshalling and Ground Handling services H24 DLY.
Phone: +61 428 756 929 or +61 7 5457 0778. Email: fbo@machjet.com.au.
Jet Aviation Australia - FBO Services and VIP Lounge H24 (civil and MIL ACFT).
PH OPS H24 +61 478 880 776 or +61 7 4030 1859. Email: cnsfbo@jetaviation.com. VHF 135.95, CS 'Jet Aviation'.

General

Aircraft marshalling is required for all charter and visiting aircraft using the Domestic and International aprons. All aircraft using these aprons must be facilitated through a Fixed Base Operator or ground handler. Crew and passengers must be escorted to and from the aircraft. The AD OPR does not provide a marshalling service.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 8 H24 131.0 MHz AVBL H24.
2. Water Rescue Service AVBL.

APRONS AND TAXIWAYS

1. Pavement restrictions - TWY A2 and A BTN A2 and A3 not AVBL to ACFT ABV 7,000KG, TWY A4 not AVBL to ACFT ABV 90,000KG. TWY Y not AVBL to ACFT ABV 10,000KG.
2. Taxiways - outboard ENG on four-engine jet ACFT to be OPR at low PWR to prevent erosion and ENG damage.

SURFACE MOVEMENT GUIDANCE

1. TWY A3 not AVBL for ACFT ABV 23,000KG.
2. TWY A3 holding point marking ONLY clearly visible when taxiing on centre line of TWY. Holding points are NOT aligned with gable markers.

AERODROME OBSTACLES

1. Unlit NDB CS BRG 327 MAG 2.6NM FM ARP 152FT AMSL. Infringes inner HZS by 0.9FT.
2. Unlit fence APRX BRG 150 MAG 3,219.9M FM RWY 15 THR offset 123.9M R 16.75FT AMSL. Infringes APCH SFC by 6.5FT and not part of TODA and STODA gradients.
3. Unlit NF aerial APRX BRG 148 MAG 3,246M FM RWY 15 THR offset 0.3M L 12.8FT AMSL inside CWY. Infringes APCH SFC by 2.9FT.
4. Lit LLZ BLDG by red OBST LGT APRX BRG 330 MAG 3,359.1M FM RWY 33 THR offset 100.8M R 25.1FT AMSL. Infringes APCH and TKOF SFC by 9.1FT.
5. Lit LLZ BLDG by red OBST LGT APRX BRG 147 MAG 3,282M FM RWY 15 THR offset 103.6M L 21.9FT AMSL. Infringes APCH SFC by 9.5FT.
6. Lit LLZ aerial by red OBST LGT APRX BRG 148 MAG 3,307.2M FM RWY 15 THR 15.9FT AMSL. Infringes APCH SFC by 1.9FT TKOF SFC by 3.9FT.
7. Lit LLZ aerial by red OBST LGT APRX BRG 328 MAG 3,336.2M FM RWY 33 THR 15.25FT AMSL. Infringes APCH and TKOF SFC by 0.9FT.
8. Tree 56FT AMSL BRG 176 MAG 0.66NM FM ARP. Infringes RWY 33 APCH SFC by 17FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, TAF3 H24, AD WRNG, WS WRNG.
2. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM BoM 07 3239 8721.
3. AWIS PH 07 3564 3708 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

15/33 150 105a PCR 910/F/D/1.58 MPa/T Grooved WID 45 RWS 300
RWS variation - RWY 33 (South end) is 180M, increased to 300M at 1,352M from THR.
RWY 15 (North end) is 300M, reduced to 180M at 1,804 FM THR.

AERODROME AND APPROACH LIGHTING

RWY 15/33	HIRL(1)		SDBY PWR AVBL
RWY 15/33	MIRL		SDBY PWR AVBL
RWY 15	HIAL-CAT I(1)		SDBY PWR AVBL
RWY 15	PAPI	3.0 DEG53FT	SDBY PWR AVBL
RWY 33	PAPI	3.0 DEG61FT	SDBY PWR AVBL

(1) Six (6) stage intensity.

1. **ALS type and length**
   a. RWY 15 - distance coded CL: 900M.
2. THR lights: Green-coloured. No wing bars installed.
3. RWY touchdown zone lights: Not installed.
4. RWY centerline lights: Not installed.
5. RWY edge lights spacing: 59.6M. MIRL Stages 1-3 White-coloured. HIRL Stages 4-6 White-coloured. Yellow-coloured for last 600M.
6. RWY end lights: Red-coloured. No wing bars installed.
7. Stopway lights: Not installed.
8. Turn pads: Blue-coloured edge lights.

OTHER LIGHTING

ABN	ALTN 8 WG	Location and activation: ATC TWR. Activated 20MIN prior to ARR HN. Before DEP HN. Periods of low VIS as determined by ATC.
HBN	R	FLG R 1.5 SEC. Installed on natural terrain.
HBN	R	Installed on other OBST.

1. TWY LGT: Green CL. Stages 1-3.
2. RWY Guard Lights at RWY 15/33 TWY intersections.
3. Secondary PWR switchover time: 15 SEC.
4. TWY LGT: Blue reflective edge on C BTN C3 and C4.
5. RWY 33: Four THR end lights not visible FM 600M DIST at 3M AGL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	CAIRNS APPROACH		126.1
ACD	CAIRNS DELIVERY		128.75
APP/DEP	CAIRNS APPROACH		118.4
APP/FIA	CAIRNS APPROACH		126.1
ATIS	CAIRNS ATIS	(2)	113.0 131.1
SMC	CAIRNS GROUND		121.7
TWR	CAIRNS TOWER		124.9
VOLMET	AUSTRALIA		6676 (1) 11387 (1)

(1) H24, BCST 00 - 05 & 30 - 35. Refer AIP GEN 3.5.
(2) Also AVBL on Phone 07 4050 5311.
For ATC and training prior arrangements, Phone 1300 353 170 or 07 3866 3533^.

Information may be continued on the next page: PTO

RADIO NAVIGATION AND LANDING AIDS

DME	CS	113.0/ 77X	165100.5S	1454438.2E		(2)
NDB	CS	364	165049.1S	1454408.0E	Range 50 (HN 50) OW 160 (OW HN110)	(3)
VOR	CS	113.0	165100.1S	1454438.0E		(1)
DME	ICN	109.5/ 32X (RWY33)	165209.6S	1454436.7E		(5)(9)
LOC	ICN	109.5 (RWY33)	165152.8S	1454435.0E		(4)
DME	ICS	109.9/ 36X (RWY15)	165208.7S	1454436.3E		(6)(8)
GP	ICS	333.8 (RWY15)	165208.6S	1454436.6E		
ILS	ICS	109.9 (RWY15)	165335.6S	1454521.4E		
LOC	ICS	109.9 (RWY15)	165335.6S	1454521.4E		(7)

(1) 158/2.2 to ARP.
(2) 158/2.2 to ARP - Antenna ELEV 41FT.
(3) 144/2.6 to ARP.
(4) Use of Localizer on W side limited to WI 30DEG of the extended RCL. Use of LOC at 25NM limited to above 6,000FT. Use of LOC at 17NM limited to above 4,000FT.
(5) Antenna ELEV 22FT.
(6) Antenna ELEV 22FT
(7) Coverage BTN 10DEG to 35DEG W of RWY centreline limited by high terrain and varies BTN 2000FT and 4500FT.
(8) Poor coverage below 5000FT beyond 25DEG W of RWY centreline.
(9) Poor coverage below FL150 BTN 20DEG and 35DEG W of RWY centreline.

LOCAL TRAFFIC REGULATIONS

1. All aircraft must provide their parked position/gate number to ATC on acknowledgement of airways clearance.
2. Parking restrictions. Due to critical shortage of apron space, all non-RPT ACFT ABV 5,700KG and rotary wing, Government and MIL requiring access to the GA, Domestic or INTL aprons and rotary wing requiring parking on HP1 abeam TWY A3 must obtain prior parking approval from Cairns Airport Pty Ltd. 48HR PN; Phone 07 4080 6744 H24. VHF 129.9. Email coords@cairnsairport.com.au.
3. RWY 15 THR turn pads - clockwise turns only.
4. ACFT with wingspan ABV 36M must use turn pads at RWY ends. ACFT to execute MAX RAD turns.
5. All ACFT using RWY 15/33 turn pads to use MAX radius turns. All wide bodied ACFT using RWY 15/33 turn pads are also requested to use minimum thrust.
6. **RWY INCURSION HOTSPOTS**
   RWY 15/33 and TWY A3.
7. Western run-up bay not AVBL to turbine engine ACFT except for normal pre-flight checks associated with departure. Noise Abatement Procedures apply.
8. Fixed wing ACFT departing from a point within 100NM of Cairns for arrival at Cairns will be processed more expeditiously if a specific landing time has been obtained from ATC.
9. When requesting taxi instructions, pilots must nominate intersection departure, or full RWY length requirement.
10. **TRAINING AND AIRWORK FLIGHTS WITHIN CAIRNS CTR/A**
    a. Training involving IAL procedures and any other airwork or flight testing involving operations in Cairns Class C airspace must be arranged with Cairns ATC on 1300 353 170 or 07 3866 3533^.
    b. Practice instrument approaches by arriving aircraft will normally be approved, however, requests should be made as early as possible, preferably at the flight planning stage.
    c. NDB-B and VOR-B approaches will not normally be approved BTN 0800-1700 Local.
    d. Training operations contrary to the prevailing traffic pattern/operational runway direction will not normally be approved.
    e. A missed approach from the IAL may not be available if it conflicts with the prevailing traffic pattern.
    f. Fixed wing flights YBCS for YBCS with an EET of 45MIN or less must contact Cairns Approach on 1300 353 170 or 07 3866 3533^ to obtain a landing slot.

g. All ACFT requesting circuits or AWK within the CTR are subject to prior approval by Cairns Tower on 07 4050 5356^. Traffic restrictions may be applied during peak traffic periods. Landing Slot Times are required for these operations.
h. Circuit training by jet ACFT and other ACFT exceeding 5,700KG MTOW is not permitted BTN 2200-0700 Local.
i. Circuit training preferred directions:
(i) RWY 15 - Left hand circuits.
(ii) RWY 33 - Right hand circuits.

11. TS advice system installed on DOM and INTL APN. Expect ACFT docking and DEP delays when lightning is detected WI 5NM, indicated by blue strobe lights.
12. Taxilane wingspan limitations apply at the GA APN and are indicated in blue letters on white gable markers at the entry of the taxilanes.
13. HLS 1 AVBL with 24HR PN to AD OPR.

FLIGHT PROCEDURES

1. **ATC TRAFFIC MANAGEMENT SPEED**
When **not** on a SID or STAR (including vectoring) - ACFT ARR or DEP CS must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.
2. ACFT requesting DEP from within the CS CTR must contact CS Delivery 128.75 for airways clearance.
3. All VFR ACFT leaving CS CTR at or BLW 1,000FT shall switch to area FREQ (126.1).
4. **LOW VISIBILITY OPERATIONS**
a. RWY 15 - CAT I precision APCH.
b. Low VIS TKOF are NOT supported. RWY 15/33 is capable of supporting TKOF with a RWY VIS of not less than 800M.
c. Manual RV readings are provided to the control TWR. Transmissometers are not installed.
d. RWY Guard Lights - a pair of unidirectional flashing yellow lights are installed at each TWY INT to caution pilots or vehicle drivers that they are about to enter an active RWY.
5. **SPECIAL PROCEDURES - VFR CORRIDORS**
a. Flights established in the Western VFR corridor:
(i) MUST remain WEST of the Captain Cook Highway between PALM COVE and the CABLEWAY TERMINAL.
(ii) MUST remain WEST of the Cairns Western Arterial Road between the CABLEWAY TERMINAL and MARINO'S QUARRY.
(iii) Due to poor radar coverage 2,500FT to SW of AD, must not leave the corridor until specifically instructed by ATC.
(iv) MUST remain WEST of MARINO'S QUARRY, KOPPEN PARK, EARLVILLE SHOPPING CENTRE and CAIRNS GOLF COURSE between MARINO'S QUARRY and CAIRNS GOLF COURSE.
(v) MUST remain WEST of the Bruce Highway SOUTH of the CAIRNS GOLF COURSE.
(vi) MUST remain clear of the Edmonton parachute area.
b. ACFT cleared inbound via the Eastern VFR corridor must track via the corridor to ABM the SUGAR TERMINAL and thence as directed by ATC.
6. ACFT planning to enter the CS CTR BTN: Mt Gorton, Cape Grafton and Upolo Cay at 500FT, must contact CS TWR for airways clearance.
7. ACFT landing RWY 15 RQ approval to vacate on TWY A2 and B2.
8. ACFT landing RWY 33 RQ approval to vacate on TWY Y and B5.
9. B777-300 pilots should be aware that normal clearance to TWY edge may not be AVBL during turns.
10. **HELICOPTER PROCEDURES**
a. Arrivals: On first CTC with CS TWR notify intended LDG point on the AD
b. Departures: Notify CS TWR of current position and intended DEP position on the AD with READY call.
c. Helicopter operations from Armour Museum Caravonica, 3NM west of ARP, close proximity to VFR corridor.
d. Fly Neighbourly Procedures apply

Information may be continued on the next page: PTO

NOISE ABATEMENT PROCEDURES

Noise Abatement Procedures (NAP) apply. Refer AIP DAP.

ADDITIONAL INFORMATION

1. Bird hazard exists. Increased numbers of the following species are expected during the specified times and locations and may transit through critical airspace:
   a. JAN-APR: magpie geese, pied imperial pigeons and lapwing.
   b. MAY-SEP: black kites, white faced heron, ibis, intermediate and cattle egret, beach stone-curlew and bush stone-curlew and lapwing.
   c. OCT-DEC: pied imperial pigeons, white faced heron, ibis, egret and lapwing.
   d. Flying foxes can pose a hazard at any time of the year; peak activity around dusk and dawn.
   e. Increased bird activity during and post rainfall and adverse weather events including Australian white ibis and straw-necked ibis.
   f. Flocks of small birds feeding in air above RWY, RWY 15 undershoot and short final including fairy martin and welcome swallow, particularly during breeding season from JUL-JAN.
2. Bird Watch Condition Reports and species specific NOTAM will be issued during periods of increased activity.
3. Intense parachuting activity occurs in the Edmonton parachuting area (D762), as depicted on Cairns VTC, HJ. Jump ACFT broadcast on 126.1.
4. CAUTION: False Traffic advisories (may be generated on TCAS equipment due to transponders on naval vessels operating from HMAS Cairns (Position APRX 3NM on extended RCL RWY 15/33, SE of Cairns).

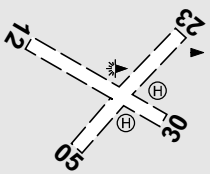
CHARTS RELATED TO THE AERODROME

1. WAC 3219.
2. Aerodrome Obstacle Chart Type A: September 2025.
3. Also refer to AIP Departure and Approach Procedures.

CALOUNDRA

ELEV 38

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YCDR
264807S	1530619E	VAR 11 DEG E	UNCR

AD OPR Sunshine Coast Regional Council, Locked Bag 72, SCMC, QLD, 4560. PH H24 0407 756 764. Website: www.sunshinecoast.qld.gov.au.

REMARKS

AD charges: For current fees and charges, refer to website.

HANDLING SERVICES AND FACILITIES

BP: Phone 0414 394 754 or 0417 192 105. AVGAS H24 card swipe bowser (V and MC).

PASSENGER FACILITIES

WC.

AERODROME OBSTACLES

All side transition SFC infringed by trees.

PHYSICAL CHARACTERISTICS

05/23	26a	5700 kg/0.69 MPa Sealed. RWY LEN 795M.	WID 18	RWS 90
12/30	26a	5700 kg/0.69 MPa Sealed. RWY LEN 795M.	WID 18	RWS 60

AERODROME AND APPROACH LIGHTING

RWY 05/23 LIRL PAL+AA 119.6 SDBY PWR AVBL

RWY edge light spacing: 90M.

OTHER LIGHTING

1. TWY LGT: Blue edge and blue reflective markers.
2. SDBY PWR switchover time: Manually activated.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	129.0 On ground

LOCAL TRAFFIC REGULATIONS

Training CCTS Caloundra Aerodrome based operators only.

FLIGHT PROCEDURES

Right hand CCTS required when OPR on RWY 12 and 23.

CTAF 125.85

NOISE ABATEMENT PROCEDURES

Note: Compliance with the following Noise Abatement Procedures does not affect a pilot's responsibility to operate in accordance with the Civil Aviation Safety Regulations 1998.

1. Preferred RWY arrangements for arriving and departing aircraft
Subject to weather or other operational constraints, following is the order of preference of RWY usage for arriving and departing ACFT.

2. Arrivals:
RWY 05 RWY 12 RWY 23 RWY 30

3. Departures:
RWY 23 RWY 12 RWY 05 RWY 30

4. Circuit operations
a. Circuit operations:
RWY 05 Left hand CCTS
RWY 12 Right hand CCTS DO NOT TURN CROSSWIND UNTIL OVER PUMICESTONE PASSAGE
RWY 23 Right hand CCTS
RWY 30 Left hand CCTS DO NOT TURN BASE UNTIL OVER PUMICESTONE PASSAGE
b. Subject to weather or other operational constraints, following is the order of preference of RWY usage for training circuit operations:
RWY 23 RWY 12 RWY 05 RWY 30
c. A maximum of five ACFT (including HEL) are permitted in the circuit for training circuit operations at any one time.

5. Restriction on hours of operation for training CCTS
a. Training CCTS are permitted MON-SAT BTN 0700-1800 Local, SUN BTN 0800-1800 Local (Caloundra based operators only).
b. No CCTS outside these times without PPR from AD OPR.

6. Takeoff point
All ACFT departures (other than “touch and go” operations) to commence takeoff roll from end of RWY to maximise height over residential areas after takeoff.

7. Limitations
a. For single engine ACFT, simulated engine failure after takeoff preferred on RWY 23 or RWY 12, and where possible inside AD boundary.
b. Simulated asymmetric OPS preferred on RWY 23 or RWY 12.
c. Low level training CCTS preferred on RWY 23 or RWY 12.

ADDITIONAL INFORMATION

1. Ab initio training conducted at AD.
2. Bird and animal (kangaroo) hazard exists.
3. Refer to Fly Neighbourly Policy on website.
4. ACFT on RWY may not be visible to each other.

CHARTS RELATED TO THE AERODROME

WAC 3340.

CALVIN GROVE

ELEV 42

FULL NOTAM SERVICE NOT AVBL

SA		UTC +9:30	YCVG
344148S	1383442E	VAR 8 DEG E	UNCR

AD OPR Calvin Grove Airstrip, 188 Nash Road, Virginia, SA, 5120. ARO 0435 780 880: 08 8380 9189.

REMARKS

Edinburgh RAAF Base airspace now only used by helicopters.

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA ADELAIDE CENTRE 130.45

CTAF 118.3

Except when Edinburgh CTR and restricted areas are active.

CHARTS RELATED TO THE AERODROME

WAC 3458, 3459.

CAMDEN

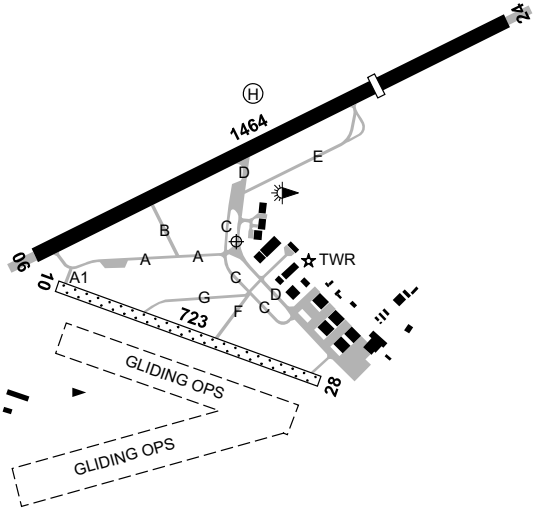
ELEV 230

AVFAX CODE 2102

NSW UTC +10 YSCN

340225S 1504112E VAR 13 DEG E CERT

AD OPR Camden Airport Pty Limited, C/- 16A Airport Avenue, Bankstown Airport, NSW, 2200. PH Bankstown 02 8709 9400. ARO 0408 233 917 MON-FRI 0630-1500, SAT-SUN 0730-1600 Local.



REMARKS

1. AD Charges: All ACFT - Contact AD OPR for price structure and conditions of use.
2. AD not AVBL to ACFT ABV 5,700KG MTOW without prior permission from AD OPR.

HANDLING SERVICES AND FACILITIES

IOR Aviation Pty Ltd: JET A1, AVGAS and AVPULP (aviation unleaded fuel) H24 self-serve bowser. Payment method via IOR Aviation tag for account holders or via the Fuelcharge APP.
Phone 1300 457 467.

PASSENGER FACILITIES

WC/ME

AERODROME OBSTACLES

1. Crane BRG 185 DEG MAG 2,080M FM ARP 495FT AMSL.
2. COM TWR:
   a. BRG 338 DEG MAG 3,230M FM ARP 451FT AMSL.
   b. BRG 268 DEG MAG 3,090M FM ARP 472FT AMSL. Lit.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS Phone 02 9353 6407 - Report faults to BoM.
3. AWIS FREQ 125.1 AVBL outside TWR HR - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

06/24	052	48a	5700 kg/0.58 MPa	WID 30	RWS 90
10/28	098	24c	5700 kg/0.58 MPa Grassed brown silt clay	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 06/24 LIRL PAL 120.6 SDBY PWR AVBL

RWY edge light spacing: 06/24: 90M.

OTHER LIGHTING

ABN FLG 10 W

1. SDBY PWR switchover time: 3 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	SYDNEY CENTRE	124.55 on ground
ATIS	CAMDEN ATIS	125.1 (1)
SMC	CAMDEN GROUND	121.9
TWR	CAMDEN TOWER	120.1

(1) DRG TWR HR

1. TWR HR: 2200-0800 UTC MON-SUN (1HR earlier during HDS).
2. Camden TWR provides ATS within Class D airspace SFC to 2,000FT during TWR HR.
3. Outside TWR HR airspace becomes Class G. CTAF procedures apply.

LOCAL TRAFFIC REGULATIONS

1. Start Clearance required on SMC FREQ 121.9 for circuit training.
2. ACFT ABV 5,700KG MTOW must only use TWY D BTN RWY 06/24 and TWY F.

FLIGHT PROCEDURES

1. LOCAL PROCEDURES

1.1. LEFT HAND CCTS RQ for powered ACFT OPR RWY 06 and RWY 10.

1.2. RIGHT HAND CCTS RQ for powered ACFT OPR CLASS D and CLASS G airspace RWY 24 and RWY 28.

1.3. All ACFT departing into Class G airspace are to change to SYDNEY CENTRE FREQ 124.55 2NM from CN during TWR HR. Specific transfer instructions will not be issued to VFR ACFT.

1.4. ACFT overflying the AD should exercise caution due ACFT operating up to 1,800FT within the lateral limits of CN CTR.

2. LOW VISIBILITY OPERATIONS

2.1. Low visibility operations not AVBL - RWY edge light spacing 90M.

3. GLIDER OPS HJ.

3.1. AT ALL TIMES Glider launch and landing areas are S of RWY 10/28, parallel to RWYs 06/24 and 10/28.

3.2. RIGHT HAND CCTS RQ for gliders/tugs OPR glider strips 06 and 10.

3.3. Simultaneous OPS from parallel glider strips. CONTRA CCTS IN OPERATION AT ALL TIMES. THERE IS NO DEAD SIDE WITH CONTRA CCTS.

3.4. Glider/tug CCTS to S or SE, other ACFT CCTS to N or NW.

3.5. Outside the lateral limits of CN CTR, gliders operate throughout the surrounding and overlying Class G airspace.

3.6. Gliders within the Camden CTR must conduct OPS on the TWR FREQ 120.1 during TWR HR or the CTAF outside TWR HR. In Class G airspace, they may monitor the TWR FREQ 120.1 or Area FREQ or 122.7.

3.7. CAUTIONS:

a. Gliders landing on glider strip 24 cross RWY 28 THR.
b. ACFT OPR RWY 10 are not visible to ACFT departing glider strip 06.
c. ACFT on RWY 24 and on final for RWY 24 are not visible to ACFT on RWY 28.
d. ACFT on RWY 28 and on final for RWY 28 are not visible to ACFT on RWY 24.
e. When RWY 06 or 24 in use, gliders and tail wheel ACFT may RQ strips 10 or 28 due to crosswind component.
f. HEL conduct low level OPS in SW corner of AD.
g. ALA at the VFR Approach Point, 'THK', ELEV 880FT.

Information may be continued on the next page: PTO

4. ARRIVALS

4.1. CTR ENTRY ALT (HJ) 1,800FT

4.2. ARR VFR ACFT should track via and report at MEG, PIC or THK.

5. CTR PROCEDURES (TWR HR)

5.1. Practice instrument approaches may not be AVBL due TFC.

5.2. Glider OPS notified on ATIS during TWR HR.

6. DEPARTURES

6.1. DEP ALT: 1,300FT

6.2. Routes:

a. VFR ACFT departing into Class G airspace depart the CTR on an extended leg of the circuit.

b. Clearance for VFR ACFT to operate in the CN CTR and VFR ACFT departing into Class G will be issued on CN TWR FREQ.

c. VFR departures to the North must refer to the YSBK ERSA FAC and Sydney VTC, and plan via the appropriate VFR routes.

6.3. Fixed-wing departures to YSSY

In addition to ATFM procedures described in Sydney/Kingsford Smith - Flight Procedures, pilots must contact SY Flow on 02 9556 6515 prior to starting engines for tactical slot confirmation.

7. CIRCUIT OPERATIONS

Circuit ALT: 1,300FT (Camden QNH)

8. HELICOPTER OPERATIONS

8.1. HEL ALT: is 1,000FT (Camden QNH) HJ; 1,300FT (Camden QNH) HN.

8.2. During HJ, HEL must use the HEL circuit which is established WI the fixed wing circuit.

8.3. During HN, HEL must conform to the fixed wing circuit.

8.4. HEL operating in vicinity of parked ACFT should exercise caution due rotor wash.

9. GLIDING OPERATIONS:

9.1. ATC responsibilities to ACFT engaged in gliding activity are limited to passing relevant traffic information after the intention to land has been notified.

9.2. The normal requirements on entry to the CTR, do not apply to gliders. Gliders must report entering the CTR, and downwind.

10. FIRE FIGHTING ACFT

During summer months, fire fighting ACFT may operate from Camden. Other ACFT should give priority to these ACFT.

11. VFR COMMUNICATION FAILURE

a. Carry out Communication Failure procedures in EMERG.

b. TR via the appropriate VFR approach point.

c. Enter Camden CTR at 1,800FT and TR to overhead the aerodrome at that altitude.

d. Ascertain landing direction and join the appropriate circuit for the runway selected. The preferred runway for landing should be the runway nominated in the joining or sequencing instruction or the arrivals/departure runway nominated on the ATIS.

e. When ready, descend to circuit altitude remaining clear of the glider area south of RWY 06/24.

f. Maintain separation from other ACFT.

g. Proceed with normal circuit and landing.

h. Watch for light signals from the TWR.

12. Parachute OPS not permitted within the lateral limits of CN CTR outside TWR HR.

CTAF - AFRU 120.1

Outside TWR HR.

NOISE ABATEMENT PROCEDURES

1. RWY 06 preferred.
2. Practice instrument approaches are not permitted BTN 2300-0600 Local DLY.
3. Circuit training is permitted BTN 0700-2200 Local MON-FRI (2230 Local during HDS) and BTN 0700-2000 Local SAT-SUN.
4. Wivenhoe Village and housing estates W of Macquarie Grove Rd and S of Cobbitty Rd (APRX BRG 033DEG MAG 0.9NM FM DER RWY 06) are noise sensitive areas. Pilots should avoid overflight of these areas where practicable.

5. Simulated engine failure after takeoff must not be conducted over noise sensitive areas.
6. Simulated engine failure after takeoff is best simulated following a go-around from short final so that the subsequent descent is conducted over the runway.
7. When using RWY 06 for takeoff, pilots should use the full length where practicable.

ADDITIONAL INFORMATION

1. Model ACFT OPR WI 500M RAD of PSN 340518.00S 1504442.00E BRG 122 MAG 4.2NM FM ARP. SFC to 1,000FT AGL.
2. Model ACFT OPR WI 400M of PSN 335931.60S 1504035.20E BRG 333 MAG 3.1NM FM ARP. SFC to 400FT AGL.

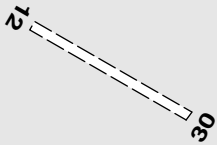
CHARTS RELATED TO THE AERODROME

1. WAC 3456.
2. Also refer to AIP Departure and Approach Procedures.

CAMDEN HAVEN

ELEV 7

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YCMH
313954S 1524430E VAR 13 DEG E UNCR
AD OPR Camden Haven Airfield, Pacific Highway, Ross Glen, NSW, 2439.
PH 02 6559 4281. Fax 6559 4281.

HANDLING SERVICES AND FACILITIES

Fuel: MOGAS (Drums)

PASSENGER FACILITIES

AC/ME

PHYSICAL CHARACTERISTICS

TODA/LDA 880M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.55 Circuit area

CTAF 118.1

ADDITIONAL INFORMATION

1. Aerobatic area - 1KM S PMQ golf course, 1KM N Lake Cathie, 1NM E and parallel to coast and E of PMQ - Lake Cathie road.
2. Model ACFT OPR may occur within 1NM radius of ARP up to 1,200FT AGL.

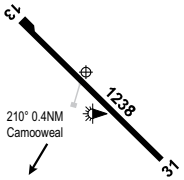
CHARTS RELATED TO THE AERODROME

WAC 3357.

CAMOOWEAL

ELEV 780

AVFAX CODE 4302



QLD UTC +10 YCMW
195442S 1380730E VAR 5 DEG E CERT
AD OPR Mount Isa City Council, PO Box 815, Mount Isa, QLD, 4825.
Email: city@mountisa.qld.gov.au. ARO 0448 025 003.
Council PH 07 4747 3200: AD MGR 0447 134 326. Fax 07 4747 3209.

REMARKS

PN required for all OPS.

APRONS AND TAXIWAYS

RWY 13/31 uneven pavement SFC at intersection to APN and TWY.

PHYSICAL CHARACTERISTICS

13/31 130 41a 5700 kg/0.74 MPa WID 18 RWS 60

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING

RWY 13/31 PTBL(1) BY PRIOR ARRANGEMENT

(1) EMERG use only - solar powered LGT.

OTHER LIGHTING

TWY LGT: Blue edge - solar powered.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.4 5500FT

LOCAL TRAFFIC REGULATIONS

No turning node AVBL at RWY 31 end.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3220, 3221, 3232, 3233.
2. Also refer to AIP Departure and Approach Procedures.

CANBERRA

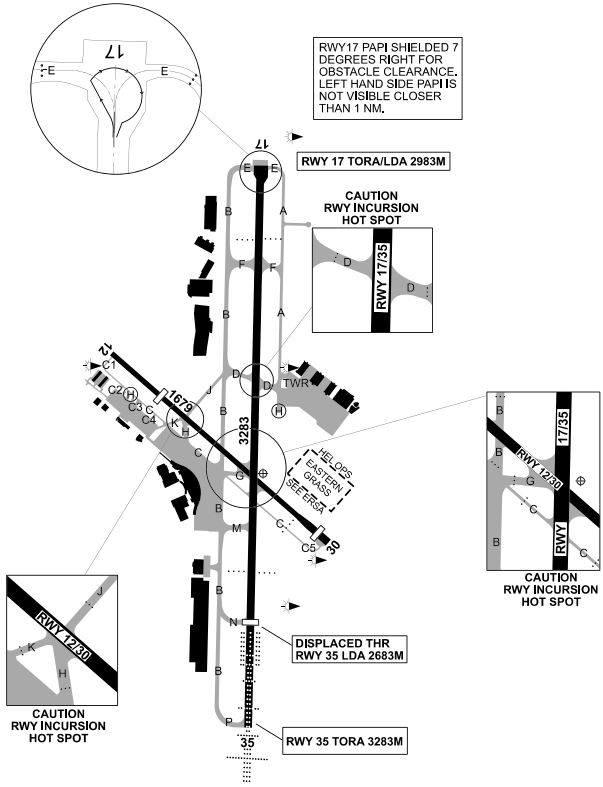
ELEV 1887

AVFAX CODE 2111

ACT UTC +10 YSCB

351825S 1491142E VAR 13 DEG E CERT

AD OPR Canberra Airport Pty Ltd, Level 4, Plaza Offices - West, Terminal Ave, Canberra Airport, ACT, 2609. Email: info@canberraairport.com.au. PH 02 6275 2222.
Website: www.canberraairport.com.au.



REMARKS

1. AD Charges: Landing and access charges will be charged in accordance with Canberra Airport general conditions of use, which are AVBL on the Canberra Airport website.
2. Pavement Concessions REQ in advance from AD OPR if ACR at MAX ACFT OPR weight or MTOW is greater than PCR or tyre pressure is greater than RWY listed value.
3. General aviation apron access - entry and exit via Gate 4 requires prior notice. BTN 0500-0000 Local, contact 02 6275 2219. BTN 0000-0500 Local, contact 0411 696 082
4. Prior Approval from AD OPR is required for non-scheduled widebody ACFT movements.
5. 5 working days PN required to AD OPR for pavement concessions.
6. This AD is a Security Controlled Airport. All fixed wing aircraft and helicopter crew operating at Canberra Airport (CBR/YSCB) must hold either an Australian (AUS) or Canberra (CBR) Aviation Security Identification Card (ASIC).
7. All charter operators or visiting aircraft must be facilitated through a Fixed Base Operator or ground handler (see HANDLING SERVICES AND FACILITIES), are to be met on arrival or departure, and are to be escorted to and from aircraft.
8. RPT apron is a Security Restricted Area (SRA). All authorised persons accessing the RPT apron must submit themselves to the Canberra Airport Airside Security Screening Process and have an operational need to be airside and must display a RED Aviation Security Identification Card (ASIC).
9. Prior consent from Canberra Airport for the use as a scheduled international alternate. Canberra Airport may require a separate agreement as capacity is limited.

HANDLING SERVICES AND FACILITIES

SWISSPORT - Ground Handling Agent: 0500-2200 Local DLY. AVBL with PN.
Phone 0466 556 099, Fax 02 6230 4050. Full handling services to CIV and MIL ACFT.
STAR AVIATION - Ground Handling agent: 0500-2200 Local. Phone Duty Manager 0456 158 657. Full handling including cleaning. Narrow body aircraft only. Bulk and containerised loading available.
AEROADAPT GROUND HANDLING - Phone FBO Manager 02 9669 6779 (H24).
Email: operations@aeroadapt.com. Full above and below wing ground handling services to CIV and MIL ACFT. Customs/Quarantine, O/R JET A1, JET A1 with additive (FSII, SDA, CiLi), VIP passenger transport, crew transport, hotel accommodation, multi-service aircard merchant, credit cards accepted.
CANBERRA AIRPORT FUEL FACILITY: Phone 02 6248 6376, Fax 6248 6150, Managing Agent Ampol. Ampol - JET A1, Shell - JET A1, Aerorefuellers - AVGAS via bowser only. AVGAS self serve (accepts Aero Refuel Card, V and MC - unsuitable for fixed wing aircraft with wing span greater than 12M).
CORPORATE AIR - Phone Ground Handling Manager 0400 774 012 (H24) or 02 6249 7044.
Email: fbo@corporate-air.com.au. VHF 126.40 C/S “Corporate Air Canberra”. Full ground handling services to CIV ACFT and MIL ACFT up to B747 (PN for B747 apron) including Customs/Quarantine, O/R JET A1, AVGAS, WC, potable water, O125, O133, O142, H536, S745, MMX60, E1, E5, HPOX. DC, MC, V, AMEX.
Royal Australian Air Force (RAAF) MIL APN - Limited transit and overnight parking AVBL. RAAF VIP movements take priority. APN not AVBL for military or civilian ACFT parking unless approved by RAAF VIP Operations. Approved non-VIP ACFT may be subject to delays or unable to park on APN at short notice.
ACFT handling – For APN AVBL CTC FBN 34SQN Air Support Services MON-FRI 0800-1700 Local. Phone: 02 6127 6344; Mobile 0455 194 083;
Email: fbn34sqn.airsupportservices@defence.gov.au. AH phone H24: Mobile 0474 800 870.
Inbound details – Approved inbound ACFT CTC ‘Air Support Services’ VHF 129.65, with ETA and handling requirements. PRKG bay and any delays due VIP movements will be advised.
Crew room facilities – RAAF VIP Terminal and 34SQN HQ facilities not AVBL for military or civilian aircrew use without prior approval by RAAF VIP Operations. ADF crews contact RAAF VIP Duty Operations Officer for approval to use facilities. Details AVBL via Defence Protected Network (DPN). 34SQN APN AVBL up to B747 ACFT with PN.
Restrictions – ACFT hot-refuelling prohibited.

Information may be continued on the next page: PTO

RESCUE AND FIREFIGHTING SERVICES

1. CAT 7:
   a. 1845-0920 UTC SAT.
   b. 1845-1230 UTC SUN-FRI.
2. 131.0 MHz AVBL HO.

APRONS AND TAXIWAYS

1. Code D and E ACFT are limited to the use of TWY B, TWY C between TWY K to TWY G, D, E (west), F (west), G, M, N and P.
2. All wide bodied ACFT with wingspan of up to MAX 65M taxiing movements at the intersection between TWY B and C must use the oversteer turn guidance markings.
3. All wide body ACFT with wingspan of up to MAX 65M (Code E) taxiing movements on TWY G are required to use the Code E over-steer turn guidance markings.
4. Outboard engines on four-engine wide body ACFT when taxiing must operate at low power to prevent erosion and engine ingestion.
5. TWY C suitable for MAX 15M wingspan ACFT BLW 5,700KG BTN TWY C1 to TWY K and TWY B to TWY C5.
6. Taxi along RWY 12/30 not AVBL for ACFT larger than Dash 8.
7. GA apron entry and exit for ACFT with 15M to MAX 24M wingspan. ACFT ABV 5,700KG via TWY K only.

SURFACE MOVEMENT GUIDANCE

All taxi guidelines and apron parking restrictions indicated by painted pavement markings.

AERODROME OBSTACLES

1. Towers:
   a. Lit, 110FT AGL BRG 011 DEG MAG 686M FM ARP. Infringes transitional SFC by 41FT.
   b. Unlit, 2,051FT AMSL BRG 206 DEG MAG 5.58NM FM ARP.
   c. Unlit, 2,051FT AMSL BRG 206 DEG MAG 5.60NM FM ARP.
   d. Unlit, 2,051FT AMSL BRG 205 DEG MAG 5.61NM FM ARP.
2. Lit OBST 26FT AGL BRG 355 DEG MAG DIST 1,515M FM RWY 35 THR. Infringes TNS by 17.8FT.
3. Trees (unlit):
   a. 2,753FT AMSL, BRG 340 DEG MAG, 6,031M FM RWY 17 THR. Infringes Visual Segment Surface (VSS).
   b. 2,895FT AMSL, BRG 338 DEG MAG, 5,969M FM RWY 17 THR. Infringes VSS.
   c. 240FT AGL BRG 161 DEG MAG 6,030.4M FM RWY 17 THR. Infringes VSS.
   d. 393FT AGL BRG 159 DEG MAG 5,966.7M FM RWY 17 THR. Infringes VSS.
   e. 28FT AGL BRG 110 DEG MAG 1,787M FM RWY 30 THR. Infringes VSS.
   f. 10FT AGL BRG 292 DEG MAG 1,763M FM RWY 30 THR. Infringes VSS.
   g. 15FT AGL BRG 292 DEG MAG 1,745M FM RWY 30 THR. Infringes VSS.
   h. 2,163FT AMSL, BRG 109 DEG MAG, 1,787M FM RWY 30 THR. Infringes VSS.
   i. 2,143FT AMSL, BRG 111 DEG MAG, 1,761M FM RWY 30 THR. Infringes VSS.
   j. 2,147FT AMSL, BRG 111 DEG MAG, 1,747M FM RWY 30 THR. Infringes VSS.
4. Buildings (lit):
   a. 19FT AGL BRG 354 DEG MAG DIST 1,670M FM RWY 35 THR. Infringes TNS by 2.7FT.
   b. 72FT AGL BRG 307 DEG MAG DIST 436M FM RWY 35 THR. Infringes TNS by 2.9FT.
5. Masts (lit):
   a. 79FT AGL BRG 358 DEG MAG DIST 1,482M FM RWY 35 THR. Infringes TNS by 31.5FT.
   b. 33FT AGL BRG 014 DEG MAG DIST 520M FM RWY 35 THR. Infringes TNS by 1.3FT.
   c. 45FT AGL BRG 016 DEG MAG DIST 344M FM RWY 35 THR. Infringes TNS by 46.9FT.
   d. 26FT AGL BRG 352 DEG MAG DIST 2,868M FM RWY 17 THR. Infringes TNS 17FT.
6. Lights (lit):
   a. APN light 102FT AGL BRG 003 DEG MAG DIST 1,227M FM RWY 35 THR. Infringes TNS BY 27.4FT.
   b. APN light 81FT AGL BRG 325 DEG MAG DIST 786M FM RWY 35 THR. Infringes the TNS by 5.2FT.

c. HBN 2,164FT AMSL BRG 110 DEG MAG DIST 1,783M FM RWY 30 THR. Infringes VSS.

7. Unlit power poles:
   a. 90FT AGL BRG 196 DEG MAG 2.21NM FM ARP. Infringes inner HZS by 44FT.
   b. 94FT AGL BRG 195 DEG MAG 2.15NM FM ARP. Infringes inner HZS by 44FT.
   c. 79FT AGL BRG 194 DEG MAG 2.10NM FM ARP. Infringes inner HZS by 44FT.
   d. 80FT AGL BRG 197 DEG MAG 2.27NM FM ARP. Infringes inner HZS by 44FT.
   e. 71.2FT AGL BRG 163 DEG MAG 2.86NM FM ARP. Infringes inner HZS by 12.1FT.
8. Pole 2,614FT AMSL BRG 156 DEG MAG 4.1NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, TAF3 H24, METAR/SPECI, AD WRNG, WS WRNG.
2. AWIS PH 02 9353 6408 - Report faults to BoM.
3. AWIS FREQ 116.7 AVBL outside TWR HR - Report faults to AD OPR.
4. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM MO 02 6249 6579 AVBL 0400-2040 Local MON-FRI and 0630-1800 Local SAT-SUN. AH AVBL FM MWO 02 9296 1527.

PHYSICAL CHARACTERISTICS

12/30	117	55a	PCR 270/F/D/X/T		WID 30	RWS 90
17/35	167	108a	PCR 640/F/C/X/T Grooved. 7.5M shoulders sealed.		WID 45	RWS 300

Additional TKOF length AVBL for RWY 35. Refer ERSA Runway Distance Supplement (RDS) for further details.

AERODROME AND APPROACH LIGHTING

RWY 12/30	MIRL	AFRU+PAL 118.7		SDBY PWR AVBL
RWY 30	PAPI(1)	AFRU+PAL 118.7	3.9 DEG31FT	SDBY PWR AVBL
RWY 17/35	HIRL	AFRU+PAL 118.7		SDBY PWR AVBL
RWY 17/35	MIRL	AFRU+PAL 118.7		SDBY PWR AVBL
RWY 17/35	RCLL	AFRU+PAL 118.7		SDBY PWR AVBL
RWY 17	PAPI(2)	AFRU+PAL 118.7	3.0 DEG67FT	SDBY PWR AVBL
RWY 35	HIAL-CAT II			SDBY PWR AVBL
RWY 35	PAPI(2)	AFRU+PAL 118.7	3.0 DEG57FT	SDBY PWR AVBL
RWY 35	RTZL			SDBY PWR AVBL

(1) Left side.
(2) Double sided.

1. **ALS type and length**
   a. RWY 35 - distance coded CL: 900M.
2. RWY edge light spacing: 17/35: 60M; 12/30: 90M.
3. RWY 12/30 edge lights retained at 45M WID.
4. RWY edge light colour: RWY 35 Edge LGT - Red BTN beginning of RWY pavement and DTHR; White BTN DTHR and 600M FM RWY end; Yellow for last 600M.
5. Outside TWR HR PAPI, HIRL, HIAL and MIRL Stage 2 MAN ACT by AFRU+PAL. Responsible person AVBL CTC Phone 02 6275 2221, 30MIN PN for lighting activation. AFRU+PAL faults reports CTC Responsible person.
6. RWY 30 PAPI commissioned by ground survey. Not AVBL to RPT JET aircraft.
7. RWY 30 lead on lights FM TWY G not AVBL. Entry onto RWY 30 FM TWY G AVBL during daylight/clear weather.
8. RWY 17 PAPI shielded 7DEG right for obstacle clearance. Left hand side PAPI is not visible closer than 1NM.
9. Hold points lights at all RWY 12/30 intersections.
10. Stop Bars at all RWY 17/35 and 12/30 TWY holding points during ATC hours. RGL at all 17/35 TWY intersections.
11. RWY 17/35 THR lights: green coloured. Wing bars installed.
12. RWY 12/30 THR lights: green coloured. No wing bars installed.
13. RWY 35 touchdown zone light length 900M.
14. RWY end LGT: red coloured. No wing bars installed.

Information may be continued on the next page: PTO

15. **LIGHTING COLOUR CODING**

15.1. **RWY 17**

a. Edge lighting
   (i) MIRL/CGL – white (Stages 1 to 3).
   (ii) HIRL – white with last 600M yellow. Followed by red 300M declared stopway (Stages 1 to 6).
b. Centre line lighting
   (i) White to 900M from end, 900M-300M from end ALTN 2 red 2 white with last 300M red (Stages 1 to 6).

15.2. **RWY 35**

a. Edge lighting
   (i) MIRL/CGL – white (Stages 1 to 3).
   (ii) HIRL – Starter extension to DTHR 600M red. White with last 600M yellow (Stages 1 to 6).
b. Centre line lighting
   (i) White to 900M from end, 900M-300M from end ALTN 2 red 2 white with last 300M red (Stages 1 to 6).

15.3. **RWY 12**

a. Edge Lighting
   (i) MIRL- to DTHR 360M red. White (Stages 1 to 3)

15.4. **RWY 30**

a. Edge Lighting
   (i) MIRL - White (Stages 1 to 3)

OTHER LIGHTING

ABN	ALTN 8 WG	Mt Ainslie - 128/2.85NM to ARP.
HBN		Numerous.

1. Secondary PWR switchover time: 1 SEC.
2. TWY LGT: Green CL; spaced 30M on straight sections, 15M on curved section.
3. Blue Edge on RWY 17 turning node.
4. RWY 17/35: RWY guard lights OPR at RWY holding points.
5. RWY 12 yellow illuminated WDI.
6. RWY 35 illuminated WDI relocated to E side of RWY 35 PSN BRG 052 MAG 245M FM RWY 35 THR.
7. LIOL (steady red) for obstacles on the AD.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE		125.9 On ground (Outside TWR HR)
APP	CANBERRA APPROACH	(1)	124.5 (5) 125.9 (6)
ATIS	CANBERRA		116.7 127.45 263 (3)
SMC	CANBERRA GROUND	(2)	121.7 (4)
TWR	CANBERRA TOWER		118.7 (4)

(1) Automatic re-transmit when APP combined.
(2) SMC/ACD
(3) Voice AVBL on NDB for EMERG transmissions.
(4) Automatic re-transmit when TWR/SMC combined.
(5) Within 30NM of CB, E of RWY 17/35 RCL.
(6) Within 30NM of CB, W of RWY 17/35 RCL.

1. TWR and APP HR:
   a. 1945-1300 UTC DLY.
   b. During HDS 1845-1215 UTC DLY.
2. Phone Canberra TWR: 02 6268 5850^. Canberra APP: 03 9235 2012^
3. Outside TWR/APP HR Class C CTR and CTA WI 30NM CB SFC to 8,500FT AMSL becomes Class G.
4. Class C airspace may be reactivated for RPT/VIP ACFT at any time. Check NOTAM and ATIS for airspace status.

Note: TWR and APP may operate independently, hours or airspace responsibility may change at short notice. Check status of airspace with ATS, NOTAM or Canberra ATIS.

RADIO NAVIGATION AND LANDING AIDS

DME	CB	116.7/114X	351653.3S	1491145.4E		(2)
NDB	CB	263	351744.2S	1491226.6E	Range 40 (HN 40)	
VOR	CB	116.7	351653.2S	1491144.6E		(1)
DME	ICB	109.5/ 32X (RWY35)	351843.4S	1491147.0E		(4)
GP	ICB	332.6 (RWY35)	351843.4S	1491146.7E		
ILS	ICB	109.5 (RWY35)	351714.4S	1491140.0E		(3)
LOC	ICB	109.5 (RWY35)	351714.4S	1491140.0E		

(1) Coverage reduced due to terrain shielding beyond 30NM BLW 6000FT particularly BTN 015-125 radials.
(2) 178/1.3 to ARP - Antenna ELEV 1919FT. Unreliable on 332 radial at low ALT beyond 9NM.
(3) ILS RWY 35 Performance Classification II/D/3
(4) Antenna ELEV 1887FT.

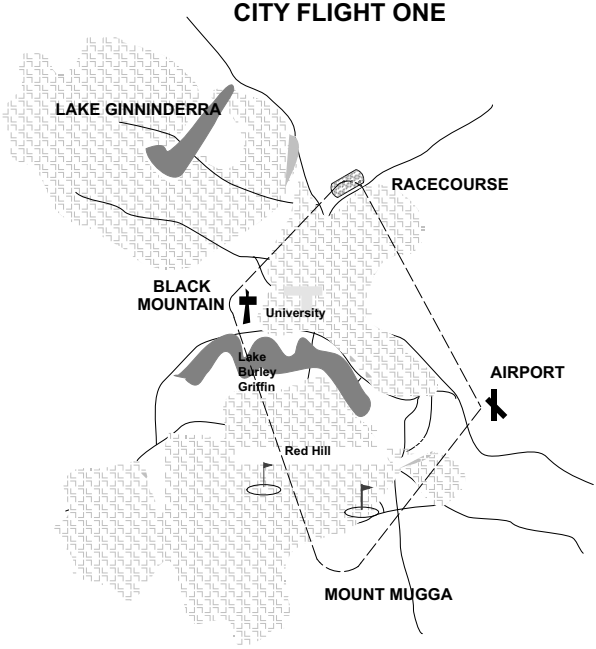
Outside TWR HR all NAVAIDS are Pilot Monitored.

LOCAL TRAFFIC REGULATIONS

1. All aircraft must provide their parked position/gate number to ATC on acknowledgement of airways clearance.
2. RWY 35 turning node at northern end designed to accommodate the normal turning radius of a B777-300 ACFT. ACFT make 180 DEG clockwise turn. Nose wheel line markings provided. For “follow me” service contact ATC on 118.7.
3. TWY A not AVBL to Code D and above ACFT unless ACFT operator has been issued with CASA exemption.
4. HEL access to MIL apron from HEL area NE of RWY INT not AVBL due LGT TWR OBST.
5. ACFT departing from Canberra shall obtain airways clearance from Canberra Ground prior to taxi.
6. RWY 12/30 lit entry via TWY G not AVBL HN.
7. **TRAINING FLIGHTS**
   a. All ACFT planning instrument training or airwork (except CCTS, see sub para e.) WI the CB terminal airspace require ATC approval. Pilots must book a slot online at www.bookawk.com.
      If access to the booking page is not AVBL, contact Shift Manager 1, Melbourne on 03 9235 2012 BTN 0700 and 2000 Local DLY.
   b. Delays can be expected for Instrument Approach training 0600-0800 UTC MON-FRI (1HR earlier during HDS) (1600-1800 Local).
   c. Pilots requesting practice NDB approaches may expect extended delay when RWY 30 or RWY 35 in use.
   d. Extensive delays for practice 35 ILS or 35 VOR/DME APCH expected whenever RWY 12 or 17 in use.
   e. All ACFT planning CCTS 0600-0800 UTC SUN-FRI (1HR earlier during HDS) (1600-1800 Local) require prior ATC (CB Tower) approval. Contact 02 6268 5850^.
   f. For survey flights ABV 3,500FT AMSL operators must email maps to: ml.sm1@airservicesaustralia.com and call Shift Manager 1, Melbourne on 03 9235 2012 to discuss their planned operations prior to becoming airborne each day.
8. **SCENIC FLIGHTS**

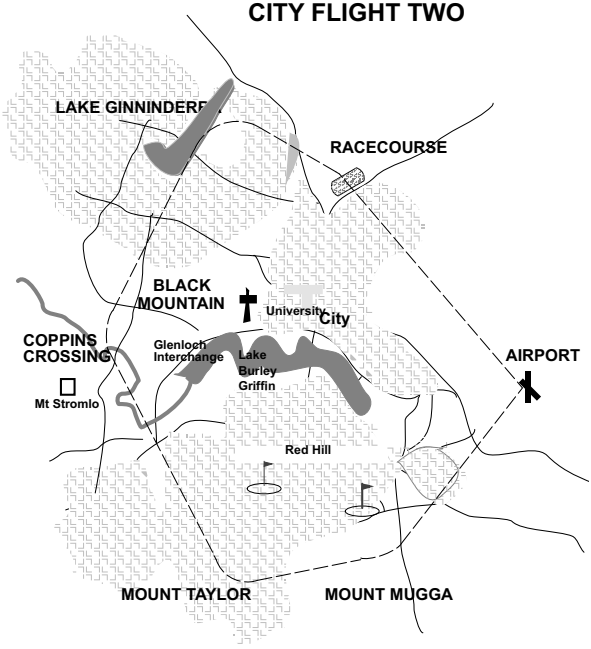
Information may be continued on the next page: PTO

CITY FLIGHT ONE



a. Routes
   (i) CITY ROUTE ALPHA ONE
   Canberra (Airport) - Racecourse - Black Mountain - Mount Mugga - Canberra (Airport)
   (ii) CITY ROUTE CHARLIE ONE
   Canberra (Airport) - Mount Mugga-Black Mountain - Racecourse - Canberra (Airport)
   (iii) CITY ROUTE ALPHA TWO
   Canberra (Airport) - Racecourse - Lake Ginninderra - Coppins Crossing - Mount Taylor - Mount Mugga - Canberra (Airport)
   (iv) CITY ROUTE CHARLIE TWO
   Canberra (Airport) - Mount Mugga - Mount Taylor - Coppins Crossing - Lake Ginninderra - Racecourse - Canberra (Airport)
b. Normal cleared altitude 4,000FT.
c. AVBL HJ only.
d. Routes ALPHA ONE and ALPHA TWO may be expected when RWY 35 or 30 is nominated for DEP.
e. Routes CHARLIE ONE and CHARLIE TWO may be expected when RWY 17 or 12 is nominated for DEP.
f. Pilots not familiar with the area or the specified routes shall obtain a briefing from a local flying school or HEL OPR.

CITY FLIGHT TWO



9. **PARKING**
   a. GA ACFT with wingspan ABV 24M or ramp weight ABV 35,000KG and all MIL ACFT not parked on RAAF Military Apron must park on the Fairbairn Apron. PPR for all parking on Fairbairn Apron. All ACFT must park on a designated parking bay allocated by Airport Operations Officer (02 6275 2219) and must obtain ATC clearance to enter a TWY before commencing DEP from the parking bay.
   b. RPT Apron not AVBL for GA or MIL ACFT parking.
   c. GA apron ACFT parking bay restrictions are indicated by ACFT type, weight or wingspan.
   d. GA parking Bays 51 to 60 designated for ACFT with MAX wingspan 15M to 24M in accordance with GA Apron Layout Plan (ref DAP EAST). Contact Airport Operations Officer on 02 6275 2219 with PN for parking bay allocation. ACFT exiting from these bays must exit via TWY K.
   e. Bays 51 to 60 only suitable for aircraft with MAX wingspan ABV 12M.
   f. Remainder of GA apron hardstand designated for ACFT with MAX wingspan 12M.
   g. Non-paved parking areas are designated for ACFT BLW 5,700KG.
   h. Access to designated non-paved parking areas is only by way of designated marked taxi lane. Other access may be uneven or otherwise unsafe.
   i. Visiting GA aircraft with out access permit must arrange access to and from airfield with FBO, or via the GA Gate 4 Access Facility by contacting Airport Operations Officer, Phone 02 6275 2219.
   j. Air Ambulance must operate on GA Apron with access via Vehicle Gate 5.
10. All RAAF F/A-18 OPS into Canberra are to comply with Remarks Note 2.
11. RAAF Military Apron is for VIP and MIL air movements only. PPR for all movements from RAAF VIP Operations via FBN 34SQN Air Support Services. Refer ‘Handling Services and Facilities’ for information and contact details.
12. VFR route Cotter (COTR) to Tharwa (THAW) is depicted on the Canberra VTC with positions COTR - BIDG - BDGE - THAW.

Information may be continued on the next page: PTO

FLIGHT PROCEDURES

1. **ATC TRAFFIC MANAGEMENT SPEED**
   When **not** on a SID or STAR (including vectoring) - ACFT ARR or DEP CB must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.
2. ACFT departing Canberra CTR at or below 3,500FT, are not required to make an airborne call to TWR. Remain on TWR FREQ within the CTR. On exit from the CTR, change FREQ and squawk code 1200 (MIL ACFT - 6000).
3. To minimise delays, and subject to weather conditions, inbound fixed wing ACFT proposing to enter Class C airspace should request a clearance at or ABV 4,000FT on the appropriate CB APP FREQ.
4. For TFC management reasons, inbound ACFT may be positioned onto a 5NM Final.
5. CB TWR 118.7 is the Controlling Authority of the Canberra Class C airspace, up to and including 3,500FT.
6. **LOW VISIBILITY OPERATIONS**
   a. For CASA approval operators, RWY 17/35 is capable of supporting takeoffs with an RVR/RV of not less than 350M. Instrument RVR is provided for RWY 17/35. If instrument RVR is not AVBL, RV assessment measurements AVBL.
   b. Secondary PWR switchover time: 1 SEC during LVP.
   c. For CASA approved operators, RWY 35 is capable of supporting CAT II approaches.
   d. No intersection departures permitted from TWY C.
   e. Taxiway lights installed at 60M spacing on TWY C East and C West.
   f. The following TWY are intended for use in RVR conditions of less than a value of 550M but not less than 350M:
      (i) TWY B, P, N, M, G, D, F West, E West, J and H.
      (ii) TWY C – BTN TWY B and K.
   g. All TWY are intended for use in RVR conditions of 550M or greater.
7. **LOW VISIBILITY PROCEDURES**
   a. Preparations for the activation of Low Visibility Procedures (LVP) are commenced when the visibility has reduced to 1,500M and are further reducing. This ensures that the LVP are in force at or just prior to the visibility reducing to 800M.
   b. When visibility is less than 800M, ATC will limit vehicle access on the manoeuvring area to the Airport Operations Officer (AOO) and RFFS/other EMERG vehicles. ACFT position reporting procedures may be implemented.
   c. Flight crew must notify ATC if a Follow Me service is required.
   d. Radio Failure - ACFT must hold position and await further guidance from a Follow ME vehicle.
   e. High Intensity Approach Lighting (HIAL) system and High Intensity Runway Edge Lighting are used in reduced visibility.
8. HEL OPR in circuit are parallel to and in close proximity to RWY final. Subject to ATC clearance, helicopters may expect landing and departure clearance from the HEL parking areas S of TWY C. ARR and DEP from the GA and RPT aprons not AVBL.
9. Night OPS RWY 30 - high ground to right of approach path. Pilots unfamiliar with local terrain should limit descent to 2400FT until past lit mast on Disaster Hill (BRG 120/1NM from RWY 30 THR).
10. Local HEL OPS are to be conducted on the eastern grass, which is NE of the RWYs INT. Circuit OPS from the eastern grass are to be conducted PARL to RWY 12/30 and within the blue gable markers.
11. Circuit TRG MIL JET ACFT. Circuit ALT will be 3,500FT for NAP unless otherwise advised by ATC. Base turn point for RWY 35 should avoid direct overfly of Queanbeyan or Jerrabomberra Estate.

CTAF - AFRU 118.7

Outside TWR HR.

NOISE ABATEMENT PROCEDURES

Noise Abatement Procedures (NAP) apply. Refer AIP DAP.

ADDITIONAL INFORMATION

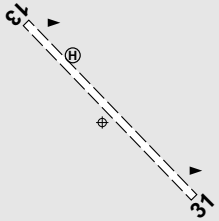
1. During strong westerly winds TURB may be experienced in touch down area LDG RWY 35.
2. Pilots landing RWY 12 in crosswinds should note possible turbulence in northerly and north easterly wind conditions.
3. Canberra International Dragway aligned parallel and to the left of RWY 30 on final approach, may be mistaken for RWY 30. Confirm RWY identification by RWY markings/lights.
4. Bird hazards exist at AD. There is seasonal bird activity on and in the vicinity of the AD with an increase of galahs in summer, and an increase of magpies in autumn each year.
5. Instrument number CASA 37/19 applies for additional MBDs located at all taxiway holding points inside the obstacle restricted area. All MBDs within the obstacle restricted area are models 596530 and are mounted on frangible posts. Further information can be provided upon request.
6. CAUTION: ACFT operating BTN Black Mountain and Canberra Airport may experience radio interference.

CHARTS RELATED TO THE AERODROME

1. WAC 3457, 3456.
2. Aerodrome Obstruction Chart Type A:
   a. RWY 17 Edition 11 (March 2025).
   b. RWY 35 Edition 9 (March 2025).
   c. RWY 35 (5 degree offset) Edition 10 (March 2025).
   d. List of Obstructions (March 2025).
3. Also refer to AIP Departure and Approach Procedures.
4. Precision Approach Terrain Chart for RWY 35, AVBL upon request from Airport Management for airline operators.

CAPE LEVEQUE

ELEV 75
FULL NOTAM SERVICE NOT AVBL



WA		UTC +8	YCLQ
162402S	1225553E	VAR 1 DEG E	UNCR

AD OPR Kooljaman, PMB 8, Cape Leveque via Broome, WA, 6725.
PH 08 9192 4970.

REMARKS

1. Operational HR are BTN 0800-1700 Local.
2. PPR CTC AD OPR.

AERODROME OBSTACLES

1. Lighthouse in close proximity to THR RWY 13.
2. Trees in close proximity to RWY.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.1

FLIGHT PROCEDURES

For special procedures which apply to the Horizontal Falls, see *ERSA GEN - SPECIAL PROCEDURES*.

CTAF 127.2

ADDITIONAL INFORMATION

1. Caution after rain.
2. Soft edges.

CHARTS RELATED TO THE AERODROME

WAC 3223.

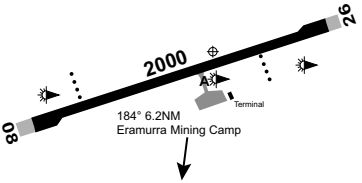
Information may be continued on the next page: PTO

CAPE PRESTON ELEV 77

AVFAX CODE 6835

WA UTC +8 YCPR
205838S 1161630E VAR 1 DEG E CERT

AD OPR CITIC Pacific Mining Management Pty Ltd, North West Coastal Highway, Cape Preston via Karratha, WA, 6714. Email: CPWairportmanagers@allianceairlines.com.au. PH 08 9178 4651. ARO H24 0447 396 271.



REMARKS

1. PPR from AD OPR.
2. No SDBY PWR AVBL.
3. PRI source of power is derived from a generator.

HANDLING SERVICES AND FACILITIES

Parking and ground handling by prior arrangement with AD OPR. JET A1 fuel only AVBL for under wing refuelling.

AERODROME OBSTACLES

Unlit Terrain:

a. 312FT AMSL, BRG 292-309 DEG MAG 2.461NM FM ARP infringes inner HZS and COS by 92FT.
b. 246FT AMSL, BRG 287 DEG MAG 2.723NM FM ARP infringes inner HZS by 26FT.
c. 262FT AMSL, BRG 278 DEG MAG 2.697NM FM ARP infringes inner HZS by 43FT.

PHYSICAL CHARACTERISTICS

08/26 080 66a PCR 328/F/D/Y/T WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 08/26 LIRL(1) AFRU+PAL 132.05
RWY 08/26 PAPI(2) AFRU+PAL 132.05 3.0 DEG48.5FT

(1) HN only.
(2) Left side only.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 122.4

LOCAL TRAFFIC REGULATIONS

1. RWY 08/26: All fixed wing ACFT ABV 20,000KG must make MAX RAD turns at MNM speed at all turning nodes to avoid SFC damage.
2. PRKG Bay 2A may be allocated for refuelling purposes by AD OPR.

FLIGHT PROCEDURES

1. Right hand CCTS required when operating on RWY 08.
2. No circling north of RWY 08/26 HN.
3. Mandatory final APCH call via CTAF.

CTAF - AFRU 132.05

ADDITIONAL INFORMATION

1. Intermittent blasting will take place 9NM bearing 234 MAG from ARP. Details are AVBL from ARO.
2. Bird hazard exists (Galah, Pratincole, Lapwing, Budgerigar). CTC ARO via CTAF for dispersal.

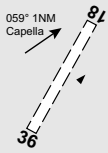
CHARTS RELATED TO THE AERODROME

1. WAC 3229.
2. Also refer AIP Departure and Approach Procedures.

CAPELLA

ELEV 824

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YCEL
230543S 1480026E VAR 8 DEG E UNCR
AD OPR Central Highlands Regional Council, PO Box 21, Emerald, QLD, 4720.
Email: airport@chrc.qld.gov.au. PH 1300 242 686. Mobile 0408 194 913.
Fax 1300 242 687. Website: www.chrc.qld.gov.au.

REMARKS

1. PPR FM AD OPS. Day use only.
2. Commercial and charter OPS not permitted over 1,500KG MTOW.
3. AG OPS up to 3,000KG MTOW by prior permission FM AD OPR.
4. No cone markers, no NAVAIDS, no LGT.

AERODROME OBSTACLES

OBST (tree, power poles, fences WI etc) are in the immediate vicinity of the AD and infringe the OLS.

PHYSICAL CHARACTERISTICS

18/36 32c 1500 kg Unrated. Natural surface. RWY LEN WID 10
980M. Slope 1% down to N.

1. Not suitable for OPS in wet weather.
2. Common RWY/RWS length.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.3

CTAF 126.7

ADDITIONAL INFORMATION

Assume bird activity, wildlife and stock hazard exists.

CHARTS RELATED TO THE AERODROME

WAC 3234, 3235.

CARAVONICA

ELEV 10

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YCAV
165100S 1454139E VAR 7 DEG E UNCR
AD OPR The Australian Armour and Artillery Museum, 1145 Kamarunga Rd, Caravonica, QLD, 4879. PH 0418 660 529. PH 07 4038 1498.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA CAIRNS APPROACH 126.1

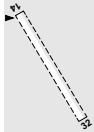
CHARTS RELATED TO THE AERODROME

WAC 3219.

CARDWELL/DALLACHY

ELEV 47

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YCDW
181042S 1455700E VAR 7 DEG E UNCR
AD OPR Cassowary Coast Regional Council, PO Box 887, Innisfail, QLD, 4860.
PH 07 4030 2222. PH AH 1300 763 903.

REMARKS

Prior permission required.

Information may be continued on the next page: PTO

PASSENGER FACILITIES
WC (limited), HC 07 4066 8780 with airport pickup, TX 0459 472 616, PT Kennedy township 2NM south of AD, mobile phone coverage at AD, vehicle access from highway to AD limited to 4WD vehicles after rain.

PHYSICAL CHARACTERISTICS
14/32 38c Unrated. Grass. RWY LEN 1,150M. WID 23

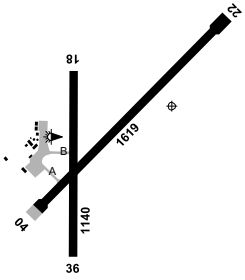
ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 120.55 3500FT

CTAF 132.9

ADDITIONAL INFORMATION
1. Wildlife (wallaby and bird) hazard exists. Varying engine PWR may help to move animals off RWY.
2. Model ACFT OPS will take place WI 0.5NM radius of ARP HJ, SFC - 1,000FT AGL.
3. This is the closest aerodrome to Hinchinbrook Island. Fly Neighbourly Agreements FN6 and FN16 apply around the island and the Great Barrier Reef Marine Park. Check ERSA Special Procedures for details.

CHARTS RELATED TO THE AERODROME
WAC 3219.

CARNARVON ELEV 13
AVFAX CODE 6501



WA UTC +8 YCAR
245250S 1134020E VAR 0 DEG W CERT
AD OPR Shire of Carnarvon, PO Box 459, Carnarvon, WA, 6701. Email: airport@carnarvon.wa.gov.au. ARO 08 9941 4135: 0419 041 723. Council PH 08 9941 0000.

REMARKS
1. AD Charges: All ACFT - Copy of charges AVBL from AD Supervisor.
2. This AD is a Security Controlled Airport.
3. High VIS clothing to be worn on APN.
4. Terminal only open one hour prior to RPT flights.

HANDLING SERVICES AND FACILITIES
World Fuel Services (WFS): 0800-1700 Local MON-FRI, PH 0418 911 465 (H24) or email: carnarvon@uafuel.com.au. H24 AVGAS bowser WFS cardswipe and credit card (via smartphone APP), AVGAS tanker, JET A1 tanker, PN essential.
AIR BP: 2300-1000 UTC JO, AH 60MIN PN. Call-out fee applies AH. MOB 0429 923 227, JET A1, AVGAS H24 card bowser.
Gascoyne Airport Services (baggage handling) - email: cpfletcher37@gmail.com.

PASSENGER FACILITIES
WC (AVBL H24 at rear of terminal)/TX Carnarvon Taxi Service phone 131 008 and Valli Taxis phone 0413 312 665. Mobile phone coverage by Optus and Telstra.

AERODROME OBSTACLES
1. Levee banks 1,244M from SOT RWY 18 and 1,723M from SOT RWY 22.
2. Unlit radio mast 142FT AMSL PSN 245221.5S 1134011.8E.
3. Lit mast 182FT AMSL PSN 245221.8S 1134018.8E. Infringes inner HZS by 29.5FT.
4. Unlit tank 85.3FT AMSL PSN 245321.3S 1133941.1E. Infringes transitional SFC by 6FT.
5. Lit satellite dish 262.5FT AMSL PSN 245208.8S 1134218.5E. Infringes inner HZS by 106.6FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS Phone 08 6216 2605 - Report faults to BoM.
3. AWIS FREQ 126.45 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

04/22	044	53a	PCR 160/F/D/X/T	WID 30	RWS 150
18/36	180	37a	5700 kg/0.70 MPa	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 04/22 LIRL AFRU+PAL 126.7 SDBY PWR AVBL

RWY edge light spacing: 04/22: 60M.

OTHER LIGHTING

1. SDBY PWR switchover time: 10 SEC.
2. TWY LGT: Blue edge.
3. APN lighting - all bays: not compliant to MOS 139 for night OPS.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 122.1 On ground

RADIO NAVIGATION AND LANDING AIDS

DME	CAR	113.0/ 77X	245255.3S	1134022.9E		(1)
NDB	CAR	323	245312.3S	1134009.2E	Range 120 (HN 85)	
VOR	CAR	113.0	245255.3S	1134022.4E		

(1) Antenna ELEV 34FT.

Monitored by ML.

LOCAL TRAFFIC REGULATIONS

1. All ACFT greater than 5,700KG must turn at RWY THR.
2. ACFT ABV 5,700KG are permitted to taxi via RWY 18/36 to access TWY B with prior approval.
3. GA tie-downs are unrated.
4. **HELICOPTER OPERATIONS**
   a. Departures/Arrivals
      (i) During DEP HEL are to air taxi onto TWY for DEP on the RWY. DEP turns tracking toward the east only to be executed once clear of the circuit. No DEP to the east across the RWY should be executed.
      (ii) Due to possible shielding effects FM ACFT hangars along south western edge of the general aviation APN, HEL TFC is to adhere to unmanned airfield PROC during ARR and DEP. The circuit is to be joined as per these PROC for the RWY to be used.
      (iii) Skid mounted HEL not permitted on RPT apron.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

1. HEL OPS in VCY.
2. Bird hazard exists HJ, flock of corellas on RWY 04/22 and RWY 18/36.
3. Northern GA APN has a rough surface.

CHARTS RELATED TO THE AERODROME

1. WAC 3346.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

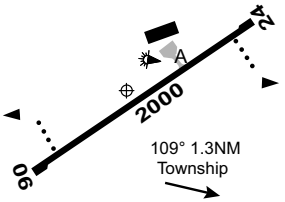
CAROSUE DAM

ELEV 1291

AVFAX CODE 6117

WA		UTC +8	YSCD
301025S	1221920E	VAR 1 DEG E	CERT

AD OPR Northern Star (Carosue Dam) Pty Ltd, Level 4, 500 Hay Street, Subiaco, WA, 6008.
Email: aerodromecarosuedam@nsrltd.com. PH 08 6188 2100. ARO 08 6229 9014.
ARO AH 0477 516 011.



REMARKS

1. PPR from AD OPR.
2. Parking by prior arrangement with AD OPR.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL.

PASSENGER FACILITIES

Passenger terminal/WC.

PHYSICAL CHARACTERISTICS

06/24	061	66a	PCR 250/F/B/Y/T Sealed	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 06/24	PAPI(2)	3.0 DEG48.5FT	BY PRIOR ARRANGEMENT
RWY 06/24	PTBL(1)		BY PRIOR ARRANGEMENT

(1) EMERG lighting AVBL with 120 MIN PN to ARO.
(2) Left side only. Manual activation of PAPI AVBL with 30MIN PN. HJ only.

OTHER LIGHTING

1. RWY edge light spacing: 06/24: 87M (PTBL).
2. No mains PWR AVBL - PAPI PWR supplied by generators.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.75

LOCAL TRAFFIC REGULATIONS

1. All ACFT to follow APN markings.
2. All fixed wing ACFT must make MAX RAD turns at MNM speed at all RWY ends to avoid SFC damage.
3. All fixed wing ACFT to use idle power for movements on the APN with the exception of breakaway thrust to initiate taxi. ACFT that cannot comply with this restriction must advise the AD OPR prior to departure.
4. Day OPS only EXC for EMERG.

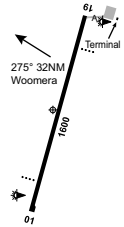
CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3352.
2. Also refer to AIP Departure and Approach Procedures.

CARRAPATEENA ELEV 672

AVFAX CODE 5107



SA UTC +9:30 YCPT
311830S 1372636E VAR 7 DEG E CERT
AD OPR OZ Minerals Carrapateena Pty Ltd, trading as BHP Ltd Carrapateena, Stuart Highway, Pernatty, SA, 5720. Email: Duty ARO issaro@bhp.com:
Duty supervisor carrapateenaaerodrome@bhp.com.
PH Duty Supervisor 0472 539 936. ARO 0447 047 242.

REMARKS

1. H24: Operating hours.
2. Restricted OPS, permission RQ.

AERODROME OBSTACLES

Fences:

1. 675FT AMSL PSN 311857.6S 1372525.0E. Infringes RWY 01 APCH by 1FT.
2. 675FT AMSL PSN 311845.5S 1372635.4E to 311842.5S 1372636.3E. Infringes TNS by 1FT.

METEOROLOGICAL INFORMATION PROVIDED

AWIS 122.475 (requires two pulses, one SEC apart to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

01/19	007	52a	PCR 168/F/C/0.97 MPa/U Sealed	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 01/19	LIRL	AFRU+PAL 125.85		SDBY PWR AVBL
RWY 01/19	PAPI(1)	AFRU+PAL 125.85	3.0 DEG42FT	SDBY PWR AVBL

(1) Left side only.

OTHER LIGHTING

1. RWY edge light spacing: 60M.
2. TWY LGT: Blue edge.
3. SDBY PWR switchover time: 20 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.0

CTAF - AFRU 125.85

CHARTS RELATED TO THE AERODROME

1. WAC 3354.
2. Also refer to AIP Departure and Approach Procedures.

CASINO ELEV 86

AVFAX CODE 2027 FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YCAS
285258S 1530401E VAR 12 DEG E UNCR
AD OPR Richmond Valley Council, Locked Bag 10, Casino, NSW, 2470. PH 02 6660 0300 H24. Fax 02 6660 1300. Website: www.richmondvalley.nsw.gov.au.



REMARKS

AD charges: all ACFT - see website.

HANDLING SERVICES AND FACILITIES

World Fuel Services (WFS): H24 AVGAS bowser WFS card swipe and credit card (via smart phone APP) PH: 0422 441 277 (H24) or email: lismorejeta1@gmail.com.

Information may be continued on the next page: PTO

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS - PH 02 9353 6409 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

10/28	36a	Unrated. Grooved.	WID 30	RWS 150

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	120.3 On ground

LOCAL TRAFFIC REGULATIONS

1. All pilots are required to BCST their intentions on the CTAF before OPR on RWY.
2. Due to the possibility of ACFT at opposite ends of the RWY not being visible to each other, in NIL-wind COND, OPS should be confined to RWY 10.
3. ACFT parking AVBL on sealed area at W end or RWY adjacent to BDRY fence.

CTAF 132.45

ADDITIONAL INFORMATION

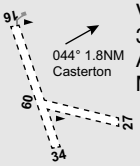
1. Fruit bat hazard may exist in circuit area. Main activity from last light to 1.5HR after last light between December and end of February.
2. Powered paragliders OPR from AD.
3. Model aircraft operate within 500M radius of PSN 285252.7S 1530338.6E, SFC to 1,000FT AGL.

CHARTS RELATED TO THE AERODROME

WAC 3357.

CASTERTON **ELEV 521**

FULL NOTAM SERVICE NOT AVBL



VIC			UTC +10	YCTN
373648S		1412142E	VAR 10 DEG E	UNCR

AD OPR Glenelg Shire Council, PO Box 152, Portland, VIC, 3305. PH 03 5554 2444. Mobile AH 0427 360 578.

REMARKS

1. PPR.
2. Daylight OPS only.
3. Firebombing OPS during summer periods.

PHYSICAL CHARACTERISTICS

09/27	15c	Unrated. Grass. RWY LEN 454M. U/S in wet WX and throughout winter.	WID 15
16/34	36c	Unrated. Gravel. RWY LEN 1,100M.	WID 18

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.8

CTAF 126.7

ADDITIONAL INFORMATION

1. Approaches to RWY 09, 16 and 34 infringed by trees.
2. Kangaroo hazard exists.

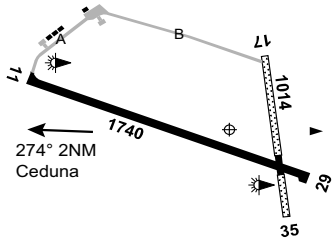
CHARTS RELATED TO THE AERODROME

WAC 3469.

CEDUNA

ELEV 77

AVFAX CODE 5301



SA UTC +9:30 YCDU
320750S 1334235E VAR 6 DEG E CERT
AD OPR District Council of Ceduna, PO Box 175, Ceduna, SA, 5690. PH EMERG CTC ARO 0419 862 195 or AD MGR 0417 535 237.

REMARKS

1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

Air BP: AVGAS and JET A1 H24. Air BP Carnet and credit card swipe bowsers. Assisted refuelling AVBL 0700-1530 Local MON-FRI. Assisted refuelling AVBL only with 24HR PN during BH. Call-out fees apply. CTC ARO.

AERODROME OBSTACLES

Lit mast 306FT AMSL BRG 113 MAG 2.67NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS - Phone 08 8150 3801 Report faults to BoM.

PHYSICAL CHARACTERISTICS

11/29	105	57a	PCR 68/F/A/0.82 MPa/T Sealed	WID 30	RWS 150
17/35	168	33c	5700 kg/0.55 MPa Gravel.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 11/29 LIRL AFRU+PAL 126.7 SDBY PWR AVBL
RWY edge light spacing: 11/29: 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge on A.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 123.5 On ground

RADIO NAVIGATION AND LANDING AIDS

NDB CDU 293 320735.6S 1334337.0E Range 110 (HN 85) OW 230 (OW HN110) (1)

(1) 250/0.9 to ARP.

LOCAL TRAFFIC REGULATIONS

PRKG Restrictions for non RPT ACFT on sealed apron area (permit obtainable FM AD Manager on at least 48 HR PN).

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

1. Bird hazard exists, particularly BTN August-February.
2. Weather balloon launch APRX 2315 UTC. Launches may occur at other times.

CHARTS RELATED TO THE AERODROME

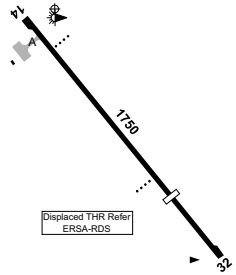
1. WAC 3459.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

CENTURY MINE

ELEV 416

AVFAX CODE 4542



QLD UTC +10 YCNY
184512S 1384224E VAR 5 DEG E CERT
AD OPR Century Mining Ltd, LVL 4, 360 Collins Street, Melbourne, VIC, 3000. ARO 0477 347 998.

REMARKS

1. Restricted OPS. PPR for all OPS.
2. Hours of AD operation - HJ only (0600-1800 Local), 60 MIN PN. EMERG use only HN (1800-0600 Local).

APRONS AND TAXIWAYS

TWY A - Code C, WID 17.5M sealed

AERODROME OBSTACLES

1. Terrain penetration of inner HZS to 715FT AMSL BTN BRG 275 MAG to BRG 165 MAG, 1.67NM to 2.26NM FM ARP.
2. Fence 6FT AGL, APRX 75M FM RWY centreline infringes 14.3% TNS to both sides by 6FT.
3. MIOL:
   a. 656FT AMSL, BRG 141 MAG 2.12NM FM ARP. Infringes inner HZS by 93FT.
   b. 735FT AMSL, BRG 142 MAG 2.36NM FM ARP. Infringes inner HZS by 171FT.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS Phone 07 3564 3709 - Report faults to BoM.
3. AWIS FREQ 135.6 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

14/32 136 57a PCR 240/F/B/1.20 MPa/U Sealed. WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 14/32	LIRL(1)		SDBY PWR AVBL
RWY 14/32	PAPI(2)	3.0 DEG46FT	SDBY PWR AVBL
RWY 14/32	PTBL(3)		BY PRIOR ARRANGEMENT

(1) EMERG only. Manual activation - 60MIN PN.
(2) Left side. Manual activation - 60MIN PN.
(3) EMERG only. 60MIN PN.

1. RWY edge light spacing: 14/32: 90M.
2. Main power supply serviced by Aerodrome generator.

OTHER LIGHTING

1. TWY LGT: Blue edge EMERG only. Manual activation - 60MIN PN.
2. MIOL - Hills on SE approach.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.7 9500FT

LOCAL TRAFFIC REGULATIONS

All pilots are requested to make maximum radius turns RWY ends and on apron by following design turn pad guidelines.

FLIGHT PROCEDURES

Right hand circuits when OPR RWY 32.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Bird Hazard (Kites).

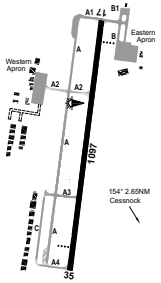
CHARTS RELATED TO THE AERODROME

1. WAC 3220.
2. Also refer to AIP Departure and Approach Procedures.

CESSNOCK

ELEV 210

AVFAX CODE 2021



NSW UTC +10 YCNK
324710S 1512022E VAR 12 DEG E CERT
AD OPR Cessnock City Council, PO Box 152, Cessnock, NSW, 2325.
Email: airport@cessnock.nsw.gov.au. PH H24 02 4993 4228.
Website: www.cessnock.nsw.gov.au.

REMARKS

1. AD Charges: Refer website.
2. Security cameras OPR H24.

HANDLING SERVICES AND FACILITIES

Skyfuel: H24 AVGAS and JET A1 self-service browsers accept V, MC and Skyfuel carnet card. Phone 0418 862 100 or 0417 780 280. Refer to www.skyfuel.com.au for site orientation. Fuel area helipad has JET A1 and AVGAS capability.
LAME: Murray's Air Repair, Phone 02 4991 2323 Mobile 0428 431 193.
LAME: Hunter Aerospace, Phone 02 4932 0000.

PASSENGER FACILITIES

Accommodation not AVBL or permitted at AD.

APRONS AND TAXIWAYS

Limited to Code A and B ACFT.

AERODROME OBSTACLES

Radio communication TWR 115FT AGL PSN 324950.3S 1512208.0E.
IWI 24FT AGL PSN 324659.6S 1512022.2E.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS FREQ 134.050 (requires one-second pulse to activate) - Report faults to AD OPR.
3. AWIS Phone 02 9353 6410 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

17/35 176 36a PCR 134/F/C/X/T WID 23 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 17/35	LIRL(2)	PAL+AA 119.6		SDBY PWR AVBL
RWY 17/35	PAPI(1)	PAL+AA 119.6	3.1 DEG32FT	SDBY PWR AVBL

(1) Left side. PAL 119.6 requires three one-second pulses to activate.
(2) PAL 119.6 requires three one-second pulses to activate.
1. RWY 17/35 edge light spacing: 60M, 4.5M FM RWY edge.
2. THR lights: green and red.
3. HJ selection of PAL will only activate PAPI. RWY LGT will OPR only when poor light levels exist.

OTHER LIGHTING

1. OBST lights: Illuminated WDI, weather station, fuel area, Hangar East and Hangar Wirraway.
2. SDBY PWR changeover time 30 SEC.
3. TWY A blue edge markers.
4. TWY B LGT: Blue edge.
5. East APN and fuel area lit.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.7 Circuit area

Information may be continued on the next page: PTO

LOCAL TRAFFIC REGULATIONS

1. Circuit training restricted to occur only BTN 0800-2200 Local MON - SAT and 0800-1800 Local SUN.
2. Back tracking on the RWY is not permitted during daylight hours unless Outer Main Gear Wheel Span (OMGWS) is greater than 4.5M.
3. Overnight PRKG by prior arrangement only.
4. Fixed wing/gyro grass flight operations not permitted.
5. Unattended aircraft are not permitted at fuel point.
6. Skid helicopter to use grass SFC or dedicated helipads and avoid full down landings on RWY or other TWY pavements. Fuel APN excepted.

FLIGHT PROCEDURES

1. Right hand circuits RQ RWY 35 HN (left hand circuits daylight HR).
2. Preferred RWY 35 nil or LV wind or direct crosswind.
3. Circuit OPS to be conducted WI 2NM RAD due to terrain and noise abatement.
4. Pilots should limit radio transmissions in the circuit to those necessary to provide traffic information and separation. Broadcast with intentions turning base is recommended.
5. **HELICOPTER OPERATIONS**
   a. Circuit operations at 500FT AAL.
   b. Operations FM Eastern Apron.
   c. Training SW corner of AD.
6. Ultralight circuit operations at 500FT AAL.

CTAF 122.65

ADDITIONAL INFORMATION

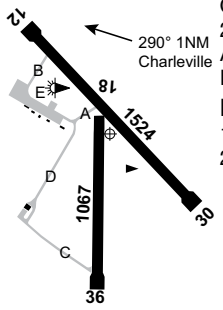
Wildlife hazard (kangaroos) exists at dusk and dawn.

CHARTS RELATED TO THE AERODROME

1. WAC 3456.
2. Also refer to AIP Departure and Approach Procedures.

CHARLEVILLE — ELEV 1003

AVFAX CODE 4102



QLD		UTC +10	YBCV
262448S	1461545E	VAR 9 DEG E	CERT

AD OPR Murweh Shire Council, PO Box 63, Charleville, QLD, 4470.
PH 07 4656 8355. PH AH 0409 343 633. Website: www.murweh.qld.gov.au.

REMARKS

1. AD Charges: For current Fees and Charges refer website.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

VIVA Energy: South West Air Service Pty Ltd 2200-0700 UTC. Phone 07 4654 3033,
Email: fuel@swas.net.au. AVGAS card swipe bowser 24HR.
JET A1 mobile refueller - AH + JF 12HR PN required and call-out fee may apply. VIVA Fuel2Sky Card, global carnet (JET A1 only), V and MC. Aeroshell Oils also AVBL.
LAME - H24. Western QLD Air Maintenance. Phone 07 4654 3030, AH 4654 3186.

PASSENGER FACILITIES

LG (terminal open for all RPT flights)/RF (cafe open for most RPT flights)/WC/HC/Free WiFi.

AERODROME OBSTACLES

1. LIOL - mast 262458.82S 1462120.36E, 1,507FT.
2. Unlit mast 1,260FT AMSL APRX BRG 285 MAG 2.4NM FM ARP.
3. Lit digital TV TWR 262424.00S 1461624.00E, 98FT AGL.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS - Phone 07 3564 3710 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

12/30	128	50a	PCR 130/F/B/Y/T Sealed	WID 30	RWS 150
18/36	173	35a	PCR 90/F/B/Y/U Sealed	WID 23	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 12/30 LIRL AFRU+PAL 126.7 SDBY PWR AVBL

1. RWY edge light spacing: 12/30: 90M.
2. RWY LGT EMERG solar flares RWY 18/36 for use by RFDS ACFT only.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 124.8 On ground

RADIO NAVIGATION AND LANDING AIDS

NDB CV 269 262512.1S 1461456.4E Range 110 (HN 85) (1)

(1) 062/0.8 TO ARP.

LOCAL TRAFFIC REGULATIONS

1. TWY B not AVBL to ACFT ABV 20,000KG MTOW.
2. TWY C and D not AVBL to ACFT ABV 7,500KG MTOW.
3. APN taxilane north west section not AVBL to ACFT ABV 20,000KG.

CTAF 126.7

ADDITIONAL INFORMATION

1. Bird and animal hazard exists.
2. Weather balloon launch APRX 2315 UTC FM 660 W ARP. Launches may occur at other times.

CHARTS RELATED TO THE AERODROME

1. WAC 3341.
2. Also refer to AIP Departure and Approach Procedures.

CHARLIE ONE

AVFAX CODE 6819 **FULL NOTAM SERVICE NOT AVBL**

WA UTC +8 YCLN

202512S 1172442E VAR 1 DEG E UNCR

AD OPR Auriga Group, 14 Argyle St, Albion, QLD, 4010. Email: westcoastaviation@auriga.com.au. ARO 0427 061 441.

REMARKS

All enquiries to Head of Flying Operations (HOFO) via AD OPR. Include “ATTN HOFO” in email subject.

METEOROLOGICAL INFORMATION PROVIDED

AWIS FREQ 135.85 - Report faults to AD OPR.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.4
ATIS	KARRATHA ATIS	134.55
TWR	KARRATHA TOWER	127.35

CTAF 127.35

CHARTS RELATED TO THE AERODROME

1. WAC 3229.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

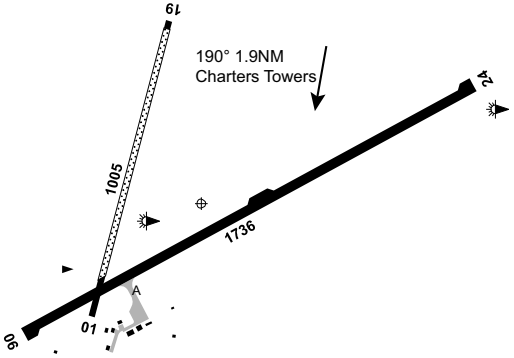
CHARTERS TOWERS

ELEV 955

AVFAX CODE 4411

QLD	UTC +10	YCHT
200237S 1461620E	VAR 7 DEG E	CERT

AD OPR Charters Towers Regional Council, PO Box 189, Charters Towers, QLD, 4820.
Email: facilities@charterstowers.qld.gov.au. ARO 0428 440 143.



REMARKS

AD Charges:

a. ACFT less than 5,700KG - $11.80 including GST/tonne/landing.
b. ACFT greater than 5,700KG - $14.00 including GST/tonne/landing.
c. Helicopter - $10.40 including GST/tonne/landing.

HANDLING SERVICES AND FACILITIES

Fuel supplied by IOR Aviation Pty Ltd. JET A1 and AVGAS 100LL AVBL H24 self-serve bowser. Payment method via IOR Aviation tag for account holders or via the Fuelcharge APP.
PH 1300 457 467. Drums and drum filling AVBL H24 DLY - call out fees apply. Contact Ben Beatie 0490 114 711.

PASSENGER FACILITIES

PT/TX/LG/WC/ME.

AERODROME OBSTACLES

1. Group of TWR on hill is APRX 1,484FT AMSL BTN BRG 194.4 and 196.1 DEG MAG 3NM FM ARP and infringes conical SFC up to 393FT.
2. Lit TWR 1,190FT AMSL APRX 4,070M SOT 51M right of RWY CL infringes TKOF SFC by 99FT.
3. IWI located 95M SE of RWY 24 THR infringes TNS by 9FT.

PHYSICAL CHARACTERISTICS

01/19	008	33c	5700 kg/0.65 MPa THR bitumen seal, remainder gravel.	WID 23	RWS 60
06/24	054	57a	PCR 82/F/B/0.83 MPa/T	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 06/24 LIRL AFRU+PAL 126.7 SDBY PWR AVBL
RWY edge light spacing: 06/24: 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.55 Circuit area

LOCAL TRAFFIC REGULATIONS

1. Due to the grades on RWY 06/24, the opposite ends of the RWY are not visible when TKOF. Mandatory CTAF BCST RQ before OPR on RWY.
2. From the TWY holding point, ACFT at THR RWY 24 may not be visible.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

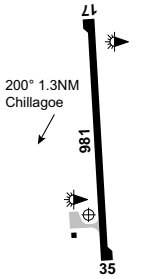
1. Bird and animal hazard exists.
2. Gliding OPS HJ JF - Winch launched to 3,000FT. Glider OPS conducted from RWS, N side of RWY 06/24.
3. Model ACFT OPR within the AD locality.

CHARTS RELATED TO THE AERODROME

1. WAC 3234.
2. Also refer to AIP Departure and Approach Procedures.

CHILLAGOE — ELEV 1123

AVFAX CODE 4512



QLD UTC +10 YCGO
170827S 1443142E VAR 6 DEG E CERT
AD OPR Mareeba Shire Council, PO Box 154, Mareeba, QLD, 4880.
Email: aerodromes@msc.qld.gov.au. PH 1300 308 461. ARO 0467 304 744:
Local CTC/EMERG 0467 304 744.

REMARKS

AD Charges apply.

HANDLING SERVICES AND FACILITIES

BP - Phone 07 4094 7108. AVGAS.

PASSENGER FACILITIES

RF/WC

AERODROME OBSTACLES

1. Hills to 1637FT, 130DEG MAG 1,000M FM THR RWY 35, infringes inner HZS
2. Chimney stacks to 1,400FT, 245DEG MAG 740M FM THR RWY 35, infringes inner HZS
3. Bocoonbeta Mt, 1,483FT, 310DEG MAG 2,000M FM THR RWY 17, infringes inner HZS

PHYSICAL CHARACTERISTICS

17/35 171 32 Unrated. Sealed WID 18 RWS 90
Inner HZS infringed.

AERODROME AND APPROACH LIGHTING

RWY 17/35 LIRL AFRU+PAL 126.7 SDBY PWR AVBL
RWY 17/35 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG only. 90MIN PN.
RWY 17/35 edge light spacing: 90M.

OTHER LIGHTING

1. Secondary PWR switchover time: 15SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.15 Circuit area

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Bird and animal hazard exists.

CHARTS RELATED TO THE AERODROME

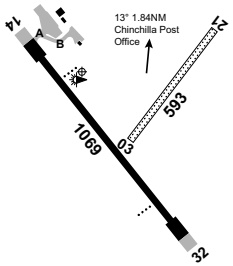
1. WAC 3219.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

CHINCHILLA

ELEV 1030

AVFAX CODE 4034



QLD UTC +10 YCCA
264610S 1503700E VAR 10 DEG E CERT

AD OPR Western Downs Regional Council, PO Box 551, Dalby, QLD, 4405. Email: aerodromes@wdrc.qld.gov.au. ARO 0437 735 919: 0475 579 399 (0600-1800 Local). ARO AH EMERG only 0437 735 919.

REMARKS

1. Avdata fees apply.
2. Landside access gate lock code 2350.

HANDLING SERVICES AND FACILITIES

IOR Aviation Pty Ltd: JET A1 H24 self-serve bowser. Payment via IOR Aviation Tag for account holders or the Fuelcharge APP. TEL 1300 457 467.
World Fuel Services (WFS): AVGAS H24 self-serve bowser. WFS Carnet Card or credit card via smartphone APP. TEL 0458 520 838.

PASSENGER FACILITIES

LG/RF/WC.

APRONS AND TAXIWAYS

1. TWY A - Unrated.
2. TWY B - Sealed.

AERODROME OBSTACLES

Lit COM TWR 1,210FT AMSL BRG 042 MAG 1.9NM FM ARP.

PHYSICAL CHARACTERISTICS

03/21	028	19c	Unrated. Grey silt clay	WID 18	RWS 60
14/32	132	35a	PCR 97/F/D/Y/U Sealed	WID 18	RWS 90

1. **Restriction**: C130 OPS not permitted.
2. RWY 14/32, ACFT ABV 5,700KG to turn on nodes only with MAX RAD turns.
3. Apron size increase PRKG position 1 up to DHC8-100, position 2 up to Dornier DO228.
4. Sealed stopways unrated pavement for EMERG use only. Not AVBL for TKOF or LDG OPS.

AERODROME AND APPROACH LIGHTING

RWY 14/32	LIRL(1)	PAL 121.3	
RWY 14/32	PAPI(2)	PAL 121.3	3.0 DEG29FT
RWY 14/32	RTIL(3)	PAL 121.3	

(1) PAL requires three two-second pulses to activate.
(2) Left side. PAL requires three two-second pulses to activate.
(3) ACT HN. PAL requires three two-second pulses to activate.
RWY 14/32 edge light spacing: 60M.

OTHER LIGHTING

TWY LGT: Blue edge on A.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	123.95 Circuit area

LOCAL TRAFFIC REGULATIONS

All ACFT to turn on RWY 14/32 and APN with MAX RAD turns.

CTAF - AFRU 126.35

ADDITIONAL INFORMATION

1. Perimeter security fencing.
2. Bird and animal hazards exist.

CHARTS RELATED TO THE AERODROME

1. WAC 3340.
2. Also refer to AIP Departure and Approach Procedures.

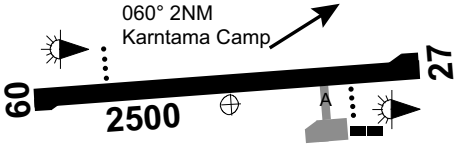
CHRISTMAS CREEK

ELEV 1454

AVFAX CODE 6827

WA		UTC +8	YCHK
222121S	1193833E	VAR 1 DEG E	CERT

AD OPR Chichester Metals (Christmas Creek) Pty Ltd, 256 St Georges Terrace, Perth WA, 6000. Email: ccairport@fortescue.com. PH 08 9177 7290. ARO 08 9177 7291: 0458 580 570 H24.



REMARKS

PPR 24HR prior notice required for all unscheduled ACFT.

HANDLING SERVICES AND FACILITIES

AIR BP - JET A1 CTC AD Manager/ARO.

General

ACFT marshalling is provided for all ACFT ABV 5,700KG MTOW.

AERODROME OBSTACLES

1. Terrain penetrations of the inner HZS and COS to 1,720FT AMSL BTN BRG 293 DEG MAG and 052 DEG MAG FM ARP.
2. Lit terrain marked by flashing MIOL.
   a. 1,626FT AMSL BRG 293 DEG MAG 2.4NM FM ARP. infringes inner HZS.
   b. 1,644FT AMSL BRG 304 DEG MAG 2.2NM FM ARP. infringes inner HZS.
   c. 1,674FT AMSL BRG 345 DEG MAG 2.0NM FM ARP. infringes inner HZS.
   d. 1,613FT AMSL BRG 038 DEG MAG 1.7NM FM ARP. infringes inner HZS.
   e. 1,634FT AMSL BRG 052 DEG MAG 2.7NM FM ARP. infringes inner HZS.
3. Lit tower - marked by flashing MIOL 1,708FT AMSL BRG 069 DEG MAG 2.2NM FM ARP. Infringes inner HZS.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS FREQ 122.125 (requires three one-second pulses to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

09/27	087	82a	PCR 420/F/A/1.44 MPa/T Grooved	WID 45	RWS 300

AERODROME AND APPROACH LIGHTING

RWY 09/27	LIRL	PAL+AA 120.15		SDBY PWR AVBL
RWY 09/27	PAPI(1)	PAL+AA 120.15	3.0 DEG53FT	SDBY PWR AVBL

(1) Left side only.

1. RWY edge light spacing: 09/27: 60M.
2. Main and SDBY PWR supply by AD generators.
3. Manual activation of lighting will be performed by the ARO 30 MIN prior to scheduled ACFT arrival and deactivated 15 MIN after departure.

OTHER LIGHTING

1. SDBY PWR switchover time: 42 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	128.15 Circuit Area
BASE	CHRISTMAS CREEK BASE	132.025 (2)
UNICOM	CHRISTMAS CREEK UNICOM	127.05 (1)

(1) AVBL for scheduled movements.
(2) All OPS: Advise AD OPR at least 20 MIN prior to ETA.

Information may be continued on the next page: PTO

LOCAL TRAFFIC REGULATIONS
1. ACFT ABV 5,700KG MTOW use RWY ends only for 180DEG turns.
2. Limited Itinerant PRKG to NE edge of APN. CTC AD Manager.
3. APN PRKG Position 3 for Dash 8 OPS only (HJ).
4. ACFT PRKG Position 1 Night OPS only for F100 and below.

FLIGHT PROCEDURES
1. Due terrain no circling to the north of RWY 09/27.
2. LEFT hand CCTS ONLY RWY 27.
3. DEP RWY 27 left hand turn as soon as practicable after TKOF. North bound TFC to intercept track overhead YCHK.
4. RIGHT hand CCTS ONLY RWY 09.
5. DEP ACFT to use RWY 09 in calm wind conditions.
6. All ACFT to call airborne on CTAF FREQ as soon as practicable after TKOF.

CTAF - AFRU 127.05
1. AFRU not AVBL on ground.
2. FREQ confirmation by (YCHK) UNICOM on receipt of taxi departure call (YCHK UNICOM confirm 127.05).

ADDITIONAL INFORMATION
1. Blasting occurs in the following:
   a. E and SE quadrants outside 6,000M from ARP.
   b. SW and SSE quadrants outside 5,000M from ARP.
   c. SW quadrants outside 2,000M from ARP.
2. Dust plumes may occur following blasting.
3. YFDF is in close proximity and the APCH/DEP tracks cross close to the ground. Due to terrain shielding, VHF contact with ACFT on or close to the ground at YFDF is not possible.

CHARTS RELATED TO THE AERODROME
1. WAC 3229.
2. Also refer to AIP Departure and Approach Procedures.

CHRISTMAS ISLAND — ELEV 913

AVFAX CODE 9807



OTH		UTC +7	YPXM
102702S	1054125E	VAR 0 DEG E	CERT

AD OPR Toll Remote Logistics - Locked Bag 860, Christmas Island, Indian Ocean, WA, 6798. Email: christmas.airport@tollgroup.com.
PH Airport OPS +61 8 9164 8498. Mobile AH Duty Officer 0447 109 143.

REMARKS
1. AD Charges apply to all ACFT. Contact AD Manager for charges.
2. PPR for all non RPT flights by fax or email to AD Manager at least 24HR prior to arrival.
3. All ACFT arrivals at Christmas Island are treated as International arriving ACFT regardless of last port (including arrivals from Australian mainland) and are subject to Customs and Quarantine declaration.
4. Due limited space, operators should notify AD OPR of EST time of ARR.
5. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES
AIR BP: JET A1. HO by arrangement. Phone 0419 644 277 H24.
Altitude: FBO services. VIP services. H24. WC and watering services AVBL. Facilitation of Customs/Quarantine/Airport permits. Email: operations@ciremovals.com.au.
Phone 0407 474 968. VHF 129.25 Callsign ‘Christmas Operations’.

PASSENGER FACILITIES
TX/HC/LG/WC (by prior arrangement).

AERODROME OBSTACLES

1. OLS extensively infringed to west of RWY and extended centre line - confine manoeuvring in IMC or night to east of RWY.
2. Transitional SFC infringed both sides of RWY.
3. Terrain hazard beacon 994FT AMSL BRG 352 DEG MAG 1,979M FM ARP.
4. Lit DVOR lightning rod 997FT AMSL BRG 358 DEG MAG 2,255M FM ARP.
5. DVOR hazard LGT 994FT AMSL BRG 357 DEG MAG 2,246M FM ARP.
6. DME hazard LGT 992FT AMSL BRG 359 DEG MAG 2,261M FM ARP.
7. Lit lighting towers 1,120FT AMSL BRG 333 DEG MAG 1,195M FM ARP.
8. Masts (lit for NGT OPS):
   a. 1,185FT BRG 300 DEG MAG 2,110M FM ARP.
   b. 1,045FT BRG 017 DEG MAG 1,893M FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI.
2. AWIS PH 08 6216 2606 - Report faults to BoM.
3. AWIS FREQ 126.25 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

18/36 175 69a PCR 350/F/A/X/T WID 45 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 18/36	LIRL	AFRU+PAL 132.2		SDBY PWR AVBL
RWY 18/36	PTBL(2)			BY PRIOR ARRANGEMENT
RWY 18	PAPI(1)	AFRU+PAL 132.2	3.2 DEG51FT	SDBY PWR AVBL
RWY 36	PAPI(1)	AFRU+PAL 132.2	3.0 DEG53FT	SDBY PWR AVBL

(1) Both sides - Intensity automatic
(2) EMERG only. 90MIN PN.
RWY edge light spacing: 18/36: 60M.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIS	BRISBANE INO-1 INTL HF WI SELCAL	(1)	3476 5634 8879 13306 17961
FIS	JAKARTA SEA 3 INTL HF WI SELCAL	(2)	3470 6556 11396 13318 17907

(1) For flights departing to or arriving from Australian mainland and territories.
(2) Flights departing to and arriving from the N.

RADIO NAVIGATION AND LANDING AIDS

DME	XMX	112.4/ 71X	102548.5S	1054124.0E	(1)
VOR	XMX	112.4	102548.8S	1054121.6E	

(1) Antenna ELEV 988FT.
All NAVAIDS Privately operated/Pilot Monitored.

LOCAL TRAFFIC REGULATIONS

1. All ACFT ABV 36,000KG MTOW to use RWY ends for 180DEG turns.
2. APN not AVBL to other ACFT during C17 OPS.

FLIGHT PROCEDURES

1. Right hand circuits required on RWY 36.
2. Straight-in approaches permitted at night. Recommended that ACFT arriving at night establish on final of instrument approach procedure.
3. Approach slope guidance (PAPI) REQ for all high capacity ACFT OPS.

CTAF - AFRU 132.2

Information may be continued on the next page: PTO

ADDITIONAL INFORMATION

1. Bird hazard exists.
2. No RFFS provided.
3. Expect moderate turbulence on late final approach when surface wind velocity above 15KT - especially from easterly direction.
4. Hazardous conditions may exist for ACFT when departing on RWY 18 with a E/SE cross-wind ABV 10KT. Due to close proximity of small hill NE of RWS, ACFT are shielded until APRX 800M FM SOT RWY 18.

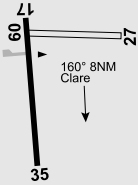
CHARTS RELATED TO THE AERODROME

1. WAC 3103.
2. Aerodrome Obstruction Chart Type A: July 2026.
3. Also refer to AIP Departure and Approach Procedures (DAP West).

CLARE VALLEY

ELEV 1120

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YCVA

334230S 1383500E VAR 8 DEG E UNCR

AD OPR Clare Valley Flying Group Inc, PO Box 1502, Clare, SA, 5453.
Email: cvfg@clarevalleyaerodrome.com.au. PH Chairman - 0418 891 205.
Mobile Secretary - 0407 829 584. Website: www.clarevalleyaerodrome.com.au.

REMARKS

Donations for use appreciated.

HANDLING SERVICES AND FACILITIES

AVGAS AVBL H24. Use Compac Pay mobile APP. Organisation code for site: 389KP4
PH: 0412 602 447.

PASSENGER FACILITIES

LG/WC/TX/RF. Courtesy car AVBL at AD. Further information and bookings AVBL online: www.clarevalleydownwind.com.au.

PHYSICAL CHARACTERISTICS

09/27	20c	Unrated. Grass. RWY LEN 600M.	WID 30	
17/35	41a	Unrated. Sealed. RWY LEN 1,250M.	WID 18	RWS 22

AERODROME AND APPROACH LIGHTING

RWY 17/35 LIRL PAL 120.05

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 118.95

CTAF 126.7

NOISE ABATEMENT PROCEDURES

1. All ACFT to avoid overflying Bungaree Station 1.3NM SW THR RWY 35 BLW 2,300FT AMSL.
2. ACFT to track close downwind when using RWY 35 to avoid Bungaree Station.
3. TRNG ACFT inbound from S to track via overhead Clare township not below 2,600FT AMSL.

ADDITIONAL INFORMATION

Kangaroo and deer hazard may exist.

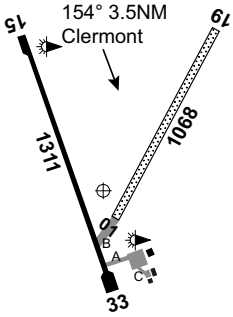
CHARTS RELATED TO THE AERODROME

WAC 3458, 3459.

CLERMONT

ELEV 918

AVFAX CODE 4408



QLD UTC +10 YCMT
224623S 1473714E VAR 8 DEG E CERT
AD OPR Isaac Regional Council, PO Box 97, Moranbah, QLD, 4744.
PH Isaac Regional Council BH 1300 472 227. ARO H24 0418 791 597.
Fax 07 4983 2978.

REMARKS

1. PPR.
2. This AD is NOT security controlled.
3. AD Charges: PAX and landing fees apply. Contact AD OPR.
4. RFDS/MEDEVAC flights take priority over all ACFT.

HANDLING SERVICES AND FACILITIES

Fuel AVBL FM AD OPR (BH only) or ARO (H24). AVGAS and JET A1. 1HR PN required. Out of hours fee applies.

APRONS AND TAXIWAYS

Taxiing only permitted via sealed surfaces.

METEOROLOGICAL INFORMATION PROVIDED

TAF CAT C, METAR/SPECI.

PHYSICAL CHARACTERISTICS

01/19	019	35c	Unrated. Brown Gravel	WID 30	RWS 90
15/33	150	43a	PCR 110/F/D/0.81 MPa/U	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 01/19	PTBL(2)		BY PRIOR ARRANGEMENT
RWY 15/33	LIRL(1)	PAL 119.6	SDBY PWR AVBL
RWY 15/33	PTBL(2)		BY PRIOR ARRANGEMENT

(1) SDBY PWR MAN activated. 30 MIN PN RQ.
(2) EMERG only. 60MIN PN.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.3 Circuit area

LOCAL TRAFFIC REGULATIONS

All ACFT turning on RWY 15/33 must use turning nodes and execute MAX radius turns at RWY ends.

CTAF 126.7

ADDITIONAL INFORMATION

1. Blasting daily position 224353.60S 1473812.20E position BRG 010 DEG MAG 3NM FM ARP. For more information, phone 0467 725 738.
2. Animal hazard (flying foxes) in VCY of AD. Peak activity dusk and dawn between September and May.

CHARTS RELATED TO THE AERODROME

1. WAC 3234, 3235.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

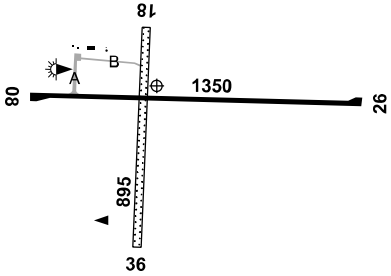
CLEVE

ELEV 589

AVFAX CODE 5039

SA		UTC +9:30	YCEE
334235S	1363017E	VAR 7 DEG E	CERT

AD OPR District Council of Cleve, PO Box 36, Cleve, SA, 5640. PH 08 8628 2004.
ARO H24: 0427 282 707: 0419 282 703.



REMARKS

AD charges: all ACFT.

AERODROME OBSTACLES

1. Lit TWR 1,173FT, 320 DEG MAG 2.2NM FM ARP. Infringes conical SFC.
2. Unlit mast 748FT AMSL PSN 334208.7S 1362902.0E.
3. Unlit TWR 812FT AMSL PSN 334150.8S 1362851.4E.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 08 8150 3802 - Report faults to BoM.
3. AWIS FREQ 133.0 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

08/26	084	44a	5700 kg/0.55 MPa Sealed.	WID 18	RWS 90
18/36	175	29c	5700 kg/0.45 MPa Natural. Gravel 700M S End.	WID 18	RWS 60

AERODROME AND APPROACH LIGHTING

RWY 08/26 LIRL(1) PAL 122.8 SDBY PWR AVBL
(1) Activation range 5NM to NE.
RWY 08/26 edge light spacing: 60M

OTHER LIGHTING

1. TWY LGT: Blue edge.
2. Secondary PWR switchover time during PWR outage: 60MIN (manually activated, PN required).

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.9 Circuit area

FLIGHT PROCEDURES

Right hand circuits required when OPR on RWY 08.

CTAF 126.7

ADDITIONAL INFORMATION

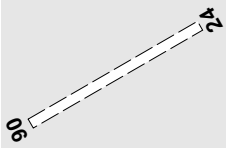
Bird hazard exists.

CHARTS RELATED TO THE AERODROME

1. WAC 3459.
2. Also refer to AIP Departure and Approach Procedures.

CLIFTON

ELEV 1450
FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YCFN
275540S 1515051E VAR 11 DEG E UNCR
AD OPR Trevor & Janet Bange, 549 Clifton-Leyburn Road, Clifton, QLD, 4361. Email: trevorbange@bigpond.com. PH 0429 378 370.

REMARKS

1. Privately owned.
2. Prior permission recommended for LDG to check airfield SFC condition.

HANDLING SERVICES AND FACILITIES

AVGAS and MOGAS by prior arrangement or in EMERG.

PASSENGER FACILITIES

WC, AC, clubhouse, RF, loan car

AERODROME OBSTACLES

1. High ground 600FT, 1NM NE of AD.
2. Power line running parallel 400M N of RWY.
3. RWY APCH paths clear of obstacles.
4. Hangars situated both sides of RWY at E end.

PHYSICAL CHARACTERISTICS

RWY couch grass on black soil. Length 800M, WID 30M. Markers spaced every 100M. E 300M of RWY has a 1% up slope to E and 1% side slope to S. Three windsocks positioned along N of RWY.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	121.2 In circuit

FLIGHT PROCEDURES

RWY 06 right hand CCTS due to high terrain.

CTAF 126.7

ADDITIONAL INFORMATION

1. Bird hazards exist.
2. Sticky or boggy conditions exist if black soil SFC is wet.
3. Following periods of rain, SFC may be extremely soft and heavy.
4. Watercourse runs across AD midway N to S and can be mistaken as a cross RWY depending on status of grain crops in areas bordering RWY.
5. Recreational aviation (ultralight) and a recreational aviation flying school operate HJ.
6. AD is used by other flying training schools for cross country training.
7. Low flying HEL traverse across AD at right angles to RWY, often unannounced.
8. Watch for vehicular traffic crossing on E boundary of RWY.
9. Area W of the AD out to Millmerran and Cecil Plains has increased flying training traffic from Wellcamp QANTAS Academy.
10. Non TSO airfield WX station: www.loneeagleflyingschool.org.au.
11. Local on site cameras AVBL: www.loneeagleflyingschool.org.au and via OzRunways for pilot information.

CHARTS RELATED TO THE AERODROME

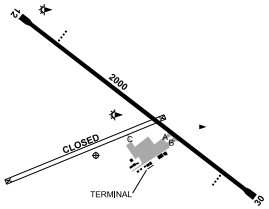
WAC 3340, 3357.

Information may be continued on the next page: PTO

CLONCURRY

ELEV 613

AVFAX CODE 4303



QLD UTC +10 YCCY
204007S 1403016E VAR 6 DEG E CERT
AD OPR Cloncurry Shire Council, PO Box 3, Cloncurry, QLD, 4824. PH 07 4742 4100. ARO 0428 181 981 (H24). AH secondary CTC 0408 133 580. Fax 07 4742 2888.

REMARKS

1. AD Charges apply.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

Jomera Pty Ltd: Ground handling services: Aircraft marshalling, baggage/freight, passenger handling, check-in/boarding, airline representation, aircraft refuelling and crew transfers. PH 0429 651 149, email: operations@jomera.com.au, website: jomera.com.au.
Air BP: 0730-1700 Local MON-FRI. PN required on weekends, call-out fee applies AH and on weekends. JET A1 refueller vehicle (under and overwing) and AVGAS self-service bowser - must have a BP carnet card. PH 0429 651 149 or email: airbpcnj@jomera.com.au
IOR Aviation PTY LTD: JET A1 refueller vehicle (under and overwing). 0800-1700 Local DLY, PN on weekends, AH call-out fee applies. PH 0429 664 680.

PASSENGER FACILITIES

PT/TX (Taxi 131 008)/ LG/RF/WC/ME (07 4742 2855, 0407 696 103)

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 07 3564 3711- Report faults to BoM.
3. AWIS FREQ 128.05 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

12/30 122 66a PCR 220/F/B/1.20 MPa/U WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 12/30	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL
RWY 12/30	PAPI(1)	AFRU+PAL 126.7	3.0 DEG46FT	SDBY PWR AVBL
RWY 12/30	PTBL(2)			BY PRIOR ARRANGEMENT

(1) Left side.
(2) EMERG only. 40MIN PN.
RWY edge light spacing: 12/30: 90M.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Green CL on A; Blue edge on B.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.4 3500FT

RADIO NAVIGATION AND LANDING AIDS

NDB CCY 264 203956.4S 1403003.8E Range 75 (HN 75)

LOCAL TRAFFIC REGULATIONS

1. Bay 1 preferred night parking operations for Saab 340 to Fokker F100 and similar ACFT.
2. RWY 12/30 ACFT ABV 20,000KG MTOW must execute turns only at RWY THR.
3. All light ACFT APN and TWY 5,700KG limit.
4. Parking restriction on RPT APN. PN required for itinerant ACFT ABV 5,700KG.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Bird, animal and flying fox hazard exists.

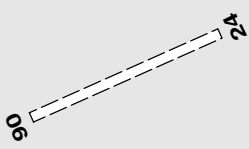
CHARTS RELATED TO THE AERODROME

1. WAC 3233.
2. Also refer to AIP Departure and Approach Procedures.

CLUNY

ELEV 295

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YUNY
243041S 1393702E VAR 6 DEG E UNCR
AD OPR Australian Stations Pty Ltd, Cluny Station, Bedourie, QLD, 4829. PH RDO RFDS: Mount Isa 8WI.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.4 5500FT

CTAF 126.7

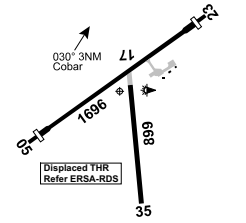
CHARTS RELATED TO THE AERODROME

WAC 3342.

COBAR

ELEV 724

AVFAX CODE 2211



NSW UTC +10 YCBA
313218S 1454738E VAR 10 DEG E CERT
AD OPR Cobar Shire Council, PO Box 223, Cobar, NSW, 2835.
Email: mail@cobar.nsw.gov.au. PH Airport Manager: 0437 525 373.
ARO H24 0408 649 003.

REMARKS

AD charges apply.

HANDLING SERVICES AND FACILITIES

AVGAS - H24 self serve pump activated by V, MC or Skyfuel Card.
JET A1 - H24 self serve pump activated by V, MC or Skyfuel Card. JET A1 tanker service also AVBL for larger turbine ACFT, call out fee applies from 1600-0700 Local.
Skyfuel - 0418 862 100, 0417 780 280, or Cobar ARO (Tanker).

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 02 9353 6411 - Report faults to BoM.
3. AWIS FREQ 134.35 (requires a one second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	045	56a	Unrated.	WID 30	RWS 150
17/35	165	29a	Unrated.	WID 23	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 05/23 LIRL(1) AFRU+PAL 126.7
(1) H24. EMERG SDBY PWR AVBL.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 124.9 Circuit area

RADIO NAVIGATION AND LANDING AIDS

NDB CBA 395 313224.5S 1454755.0E Range 45 (HN 45)

Information may be continued on the next page: PTO

LOCAL TRAFFIC REGULATIONS
1. All ACFT, except RPT ACFT, must park in light ACFT area to NE of TWY.
2. Limited parking exists for RPT and ACFT ABV 5,700KG MTOW in area SW of TWY. Contact ARO to confirm parking.
3. All ACFT must make MAX radius turns on APN and all RWY THR.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION
1. Animal and bird hazard maybe present.
2. Weather balloon launch APRX 2315 UTC. Launches may occur at other times.

CHARTS RELATED TO THE AERODROME
1. WAC 3356.
2. Also refer to AIP Departure and Approach Procedures.

COBDEN

ELEV 460

FULL NOTAM SERVICE NOT AVBL

VIC UTC +10 YCDE
381936S 1430324E VAR 11 DEG E UNCR

AD OPR Corangamite Shire Council, PO Box 84, Camperdown, VIC, 3260. PH 03 5593 7100. ARO 0403 498 005 or 0428 024 633.

REMARKS
PPR, CTC ARO for ACFT OPS and AD site conditions.

HANDLING SERVICES AND FACILITIES
AVGAS AVBL by prior arrangement. C/O Rohan Flying Services. MOB 0457 776 095, 0428 024 633, 0403 498 005. AH call-out fee may apply. Cash or cheque accepted.

PASSENGER FACILITIES
TX (0419 764 981), WC.

PHYSICAL CHARACTERISTICS
18/36 30a/c Unrated. Natural surface. Central 15M sealed. RWY LEN 900M. WID 18
Turn pads each end.

AERODROME AND APPROACH LIGHTING
RWY 18/36 LIRL(1) PAL+AA 122.2
(1) Not inspected by CASA,
RWY edge light spacing: 18/36 90M.

OTHER LIGHTING
TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 126.8 Circuit area

FLIGHT PROCEDURES
Right hand CCTS RWY 18.

CTAF 126.7

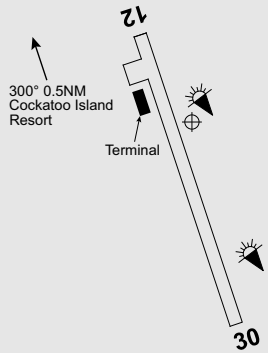
ADDITIONAL INFORMATION
1. CAUTION: Beware of hill and rising terrain at north of AD.
2. CAUTION: Beware of tall Feed Mill south east of RWY 18.

CHARTS RELATED TO THE AERODROME
WAC 3469.

COCKATOO ISLAND

ELEV 380

FULL NOTAM SERVICE NOT AVBL



WA UTC +8 YCTI
160545S 1233641E VAR 1 DEG E UNCR
AD OPR Cockatoo Is Pty Ltd, 30 Coolgardie St, West Perth, WA, 6005. Email: aviation@cockatoois.com. PH 08 9226 5444.
Website: www.cockatoois.com.

REMARKS

1. PPR.
2. HJ OPS only.
3. No LDG fees, however transfer fees are applicable.
4. Airfield transfers to the resort arranged through airfield OPR only.
5. Terminal access by prior arrangement.
6. Pilots are advised to CTC the AD OPR for RWY status prior to OPS.

HANDLING SERVICES AND FACILITIES

Refuelling AVBL by prior arrangement (drumstock only).

PHYSICAL CHARACTERISTICS

12/30 32c Unrated. Gravel WID 30

AERODROME AND APPROACH LIGHTING

RWY 12/30 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG only

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.1
UNICOM	COCKATOO ISLAND UNICOM	127.2

LOCAL TRAFFIC REGULATIONS

1. Park WI designated PRKG areas only.
2. MNM PWR must be used when manoeuvering WI PRKG area due to fine gravels used on the movement area.

FLIGHT PROCEDURES

Pilots requested not to fly over resort or mine site.

CTAF 127.2

ADDITIONAL INFORMATION

1. Blasting may take place to the east and southeast of the island at the mine site.
2. FBO OPR 'cockatoo ground' VHF 128.8.

CHARTS RELATED TO THE AERODROME

WAC 3223.

COCONUT ISLAND

ELEV 10

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YCCT
100301S 1430416E VAR 5 DEG E UNCR
AD OPR Torres Strait Island Regional Council, PO Box 7336, Cairns, QLD, 4870. PH 07 4034 5700. ARO 0456 414 232 (H24).

REMARKS

1. Restricted OPS: PPR from AD OPR.
2. RPT parking only on E apron. All other ACFT to park on apron mid RWY.
3. Gates other than terminal gates will be locked at all times. For access, contact ARO prior to arrival.

AERODROME OBSTACLES

TNS infringed up to 20FT by trees.

Information may be continued on the next page: PTO

PHYSICAL CHARACTERISTICS

09/27 24a Unrated. Sealed WID 18 RWS 60

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.3 Circuit area

FLIGHT PROCEDURES

For special procedures which apply to Torres Strait biosecurity requirements, see ERSA GEN - SPECIAL PROCEDURES.

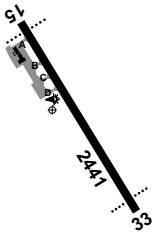
CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3097.

COCOS (KEELING) ISLANDS ELEV 10

AVFAX CODE 9806



OTH UTC +6:30 YPCC

121119S 0964950E VAR 2 DEG W CERT

AD OPR Toll Remote Logistics - PO Box 1048, Cocos (Keeling) Islands, Indian Ocean, WA, 6799. Email: cocos.airport@tollgroup.com. PH Senior Airport Operations Officer 08 9162 6536.

REMARKS

1. AD charges apply to all ACFT. Contact AD Manager for charges.
2. PPR for all non RPT flights by email to AD Manager at least 24 hours prior to arrival.
3. All aircraft arrivals at Cocos Islands are treated as international arriving ACFT regardless of last port (including arrivals from Australian mainland) and are subject to Customs and Quarantine declaration.
4. Flight Plan Briefing and notification MUST BE MADE through Canberra Briefing Office on PH 02 6268 5062^ or Fax 08 6268 5033.
5. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

VIVA Energy H24 DLY. 36HR PN for refuelling. PH 08 9162 6742 or Fax 08 9162 6682. Email: cocos-operations-f@vivaenergy.com.au. JET A1. VIVA Energy Fuel2Sky card, World Fuel Services card or fuel release, UVair card or fuel release.
Altitude: FBO services and VIP services. H24. Facilitation of Customs/Quarantine/Airport permits. Email: cck.operations@ciremovals.com.au PH 0407 474 968. VHF 129.25 Callsign ‘Cocos Operations’.

PASSENGER FACILITIES

All bookings for accommodation to be arranged in advance.

AERODROME OBSTACLES

1. Trees:
   a. 53FT AMSL BRG 143 DEG MAG 2,431M FM ARP.
   b. 21FT AMSL PSN 121207.78S 0965028.48E.
2. Masts:
   a. 182FT BRG 116 DEG MAG 3,169M FM ARP. Lit for NGT OPS.
   b. 172FT BRG 347 DEG MAG 4,861M FM ARP. Unlit.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI.
2. AWIS PH 08 6216 2607 - Report faults to BoM.
3. AWIS FREQ 126.2 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

15/33 151 80a PCR 350/F/A/X/T WID 45 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 15/33	LIRL	AFRU+PAL 118.1		SDBY PWR AVBL
RWY 15/33	PAPI	AFRU+PAL 118.1	3.0 DEG53FT	SDBY PWR AVBL
RWY 15/33	PTBL(1)			BY PRIOR ARRANGEMENT

(1) EMERG only. 90MIN PN.

1. RWY edge light spacing: 15/33: 90M.
2. All inbound and outbound ACFT are required to activate RWY LGT by AFRU+PAL 118.1 to suspend use of RWS for non aviation activities and to allow personnel to vacate RWS.
3. AFRU+PAL 118.1 activates RWY lighting H24.

OTHER LIGHTING

1. SDBY PWR switchover time: 13 SEC.
2. TWY LGT: Blue edge TWY C and D only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIS BRISBANE INO-1 INTL HF WI SELCAL (1) 3476 5634 8879 13306 17961

(1) For flights departing to or arriving from Australian mainland and territories.

RADIO NAVIGATION AND LANDING AIDS

DME	CC	114.1/ 88X	121201.5S	0965028.1E		(2)
VOR	CC	114.1	121202.0S	0965027.3E		
NDB	CIL	388 (RWY15)	121014.5S	0964916.3E	Range 15	(1)

(1) 154/1.1 to ARP.

(2) Antenna ELEV 31FT.

LOCAL TRAFFIC REGULATIONS

1. High power ENG running by turboprop ACFT is prohibited on apron due SFC conditions.
2. All turns to be MNM speed, MAX RAD to minimise pavement damage. ACFT ABV 23,000KG MTOW are to use RWY ends for turns.

FLIGHT PROCEDURES

Avoid overflying North Keeling Island - significant bird hazard.

CTAF - AFRU 118.1

NOISE ABATEMENT PROCEDURES

Noise Abatement procedures apply for APU and ENG OPS on apron BTN 0000-0600 Local. Contact AD Manager.

ADDITIONAL INFORMATION

1. Ground habitat birds occasionally on RWS.
2. During/following heavy rain there may be deep water across TWY.
3. Transitional SFC may be infringed on apron areas by unlit parked ACFT.
4. Increased bird activity at N end of AD HN and during heavy rain.
5. Weather balloon launch APRX 2315 UTC FM 430M E ARP. Launches may occur at other times.
6. No RFFS provided.

CHARTS RELATED TO THE AERODROME

1. WAC 3164.
2. Aerodrome Obstruction Chart Type A: JUL 2026.
3. Also refer to AIP Departure and Approach Procedures.

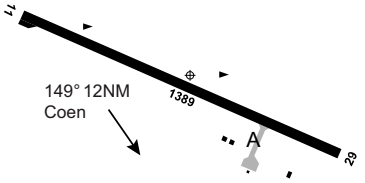
Information may be continued on the next page: PTO

COEN

ELEV 533

AVFAX CODE 4503

QLD UTC +10 YCOE
134543S 1430700E VAR 5 DEG E CERT
AD OPR Cook Shire Council, PO Box 3, Cooktown, QLD, 4895. Email: coenap@cook.qld.gov.au.
ARO 07 4060 1136 H24. Council PH 07 4082 0500. Website: www.cook.qld.gov.au.



REMARKS

AD Charges: refer to website - 'Fees and Charges'.

HANDLING SERVICES AND FACILITIES

AVGAS and JET A1 AVBL HJ with 2HR PN. CTC ARO.

PASSENGER FACILITIES

1. AC/LG/WC.
2. Telstra mobile facilities AVBL.

METEOROLOGICAL INFORMATION PROVIDED

TAF CAT D, METAR/SPECI.

PHYSICAL CHARACTERISTICS

11/29 108 46a PCR 73/F/B/0.87 MPa/U WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 11/29 PTBL(1) BY PRIOR ARRANGEMENT
(1) Solar Powered LGT pre-laid for EMERG and EMERG ACFT only.
RWY 11/29 edge light spacing: 60M.

OTHER LIGHTING

TWY LGT: Blue edge (solar powered).

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.2 Circuit area

RADIO NAVIGATION AND LANDING AIDS

NDB COE 404 134557.8S 1430702.1E Range 32 (HN 32)

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Bird and animal hazard exists.

CHARTS RELATED TO THE AERODROME

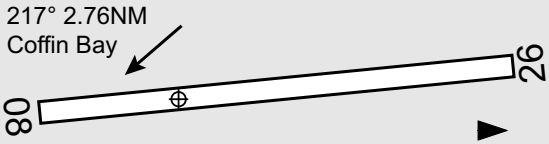
1. WAC 3112.
2. Also refer to AIP Departure and Approach Procedures.

COFFIN BAY

ELEV 13

FULL NOTAM SERVICE NOT AVBL

SA UTC +9:30 YCOF
343520S 1353018E VAR 7 DEG E UNCR
AD OPR District Council of Lower Eyre Peninsula, 32 Railway Terrace, Cummins, SA, 5631.
Email: mail@dclep.sa.gov.au. PH 08 8676 0400. Website: www.lowereyrepeninsula.sa.gov.au.



PHYSICAL CHARACTERISTICS

08/26 38c Unrated. Gravel WID 15 RWS 90

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.9

CTAF 128.0

ADDITIONAL INFORMATION

Animal hazard exists.

CHARTS RELATED TO THE AERODROME

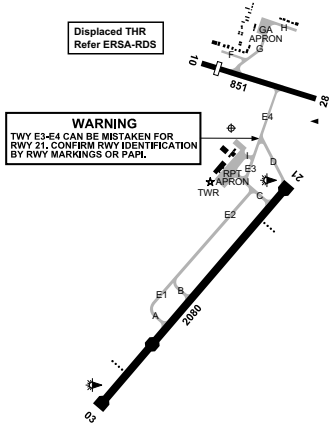
WAC 3459.

COFFS HARBOUR

ELEV 18

AVFAX CODE 2016

NSW UTC +10 YCFS
301914S 1530659E VAR 12 DEG E CERT
AD OPR Coffs Harbour Airport Pty Ltd, PO Box 251, Coffs Harbour, NSW, 2450. PH 02 6650 4812.
ARO 0418 869 285 H24.



REMARKS

1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport.
3. RPT apron is security restricted. Passenger screening applies in main RPT Terminal. Unscreened access through Charter Lounge at N end of RPT apron. All non-RPT ACFT must obtain prior approval of AD OPR to gain access to and from RPT apron. Charges apply. To obtain approval CTC ARO.

Information may be continued on the next page: PTO

HANDLING SERVICES AND FACILITIES

World Fuel Services: 0800 - 1700 Local MON-FRI, 0930 - 1630 Local SAT and SUN, AH and PH 2HR PN required, service fee may apply. JET A1 tanker, AVGAS H24 WFS Cardswipe or credit card (via smartphone APP). PH: 0408 665 792 or email: wfscoffsharbour@gmail.com.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 6 OPR HR
   a. MON-FRI: 2000-1120 UTC.
   b. SAT and SUN: 2015-1120 UTC.
   Note: All times 1HR earlier during HDS.
2. 131.0 MHz AVBL HO.

APRONS AND TAXIWAYS

1. RWY 10/28, TWY B, E4, F, G, and H not ABV 5,700KG MTOW.
2. Exit and entry to TWY F not AVBL FM RWY 10/28.
3. TWY D not ABV 34,000KG MTOW.

AERODROME OBSTACLES

1. Lit:
   a. TWR 266FT AMSL BRG 321 DEG MAG 1.1NM FM ARP. Infringes inner HZS by 33.7M.
   b. Water tank, 230FT AMSL BRG 184 DEG MAG 2.2NM FM ARP. Infringes inner HZS by 22.5M.
   c. TV mast, 346FT AMSL BRG 215 DEG MAG 2.86NM FM ARP. Infringes inner HZS by 51.8M.
   d. Two towers, 549FT AMSL BRG 308 DEG MAG 1.9NM FM ARP. Infringes inner COS by 115M.
2. MIOL 217FT AMSL BRG 045 DEG MAG 1.2NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI. AD WRNG.
2. AWIS Phone 02 9353 6412 - Report faults to BoM.
3. AWIS FREQ 122.475 - Report faults to AD OPR outside of TWR HR.

PHYSICAL CHARACTERISTICS

03/21	029	68a	PCR 430/F/A/1.50 MPa/T Grooved	WID 45	RWS 150
10/28	095	28a	5700 kg/0.46 MPa	WID 18	RWS 80

AERODROME AND APPROACH LIGHTING

RWY 03/21	MIRL(1)	AFRU+PAL 118.2		SDBY PWR AVBL
RWY 03/21	PAPI(1)	AFRU+PAL 118.2	3.0 DEG51FT	SDBY PWR AVBL

(1) AFRU+PAL outside TWR HR.

RWY edge light spacing: 03/21: 60M.

OTHER LIGHTING

ABN ALTN 8 WG

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge on TWY A, B, C, D, E1, E2, E3 and I.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.6 On ground (Outside TWR HR)
ATIS	COFFS	117.0 130.3
TWR	COFFS TOWER	118.2 (1)

(1) Or PH 02 6650 2785

1. TWR HR:
   a. MON-SAT: 2045-0730 UTC
   b. SUN: 2335-0700 UTC
   Phone: 02 6650 2785
   Note: All times 1HR earlier during HDS. TWR HR may change at short notice, check status of airspace with ATS or Coffs ATIS.
2. Coffs TWR provides combined TWR and APP CTL services within Class D airspace 4,500FT AMSL and BLW DRG TWR HR. CTC TWR for clearance.
3. Outside TWR HR, Coffs Harbour Class D airspace becomes Class G.
4. Brisbane Centre 134.2 operates Coffs Harbour Class C airspace H24.

RADIO NAVIGATION AND LANDING AIDS

DME	CFS	117.0/117X	301910.3S	1530715.7E	(1)
VOR	CFS	117.0	301910.2S	1530715.2E	

(1) Antenna ELEV 38FT.

LOCAL TRAFFIC REGULATIONS

1. Due to shortage of space, time limited parking applies on RPT apron; parking fee may apply. Parking available in GA area for ACFT not ABV 5,700KG MTOW.
2. ACFT ABV 23,000KG to execute 180DEG turns at RWY ends or turning nodes.
3. Circuit training only permitted BTN 0700-2200 Local (2100-1200 UTC) (1HR earlier during HDS).
4. Escort AVBL to and FM GA APN for essential night time OPS with PN to AD Safety Officer.
5. For ACFT engine ground run location and approval, refer to *SOP-CHA-OPS-010 (Aircraft Engine Ground Running)*. ATC approval may be required prior to ground run.

FLIGHT PROCEDURES

1. Right hand circuits required when OPR on RWY 03, except as directed by ATC.
2. RPT ACFT may conduct straight-in approaches outside TWR HR.
3. **Instrument training and AWK**
   a. All ACFT planning practice instrument APCH, NAVAID training or AWK require prior ATC approval. Pilots must book a slot online at www.nsw.bookawk.com.
   b. Bookings may be subject to cancellation by ATC:
      (i) on daily review of forecast MET conditions; or
      (ii) due to OPR restrictions.
   c. Pilots requesting an APCH to the non-duty RWY may expect extended delay. Conduct of an APCH to the non-duty RWY is not guaranteed.

CTAF - AFRU 118.2

Outside TWR HR.

NOISE ABATEMENT PROCEDURES

Noise Abatement Procedures (NAP) apply. Refer AIP DAP.

ADDITIONAL INFORMATION

1. SEV TURB off W end of RWY 10/28 during strong winds.
2. Wildlife hazard exists, periods of heightened risk will be communicated via NOTAM.
   a. Increased flying fox activity in vicinity during twilight periods.
   b. Juvenile white-bellied sea eagle HJ activity increased NOV-APR.
3. WARNING: TWY E3-E4 can be mistaken for RWY 21. Confirm RWY identification by RWY markings or PAPI.
4. Blasting may take place two to three times per month at two locations, 301707.09S 1530345.53E (Tom Jung Quarry) and 301804.87S 1530317.85E (Boambee Quarry).
   Contact information:
   Tom Jung Quarry - 02 6652 8410 or 0407 146 679
   Boambee Quarry - 02 6652 9467 or 0417 624 814

CHARTS RELATED TO THE AERODROME

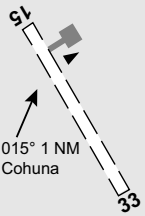
1. WAC 3357.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

COHUNA

ELEV 260

FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YCOH
354937S 1441250E VAR 11 DEG E UNCR
AD OPR Lions Club of Cohuna, PO Box 346, Cohuna, VIC, 3568.
PH 0428 583 190: 0427 564 138: 0413 637 966.

REMARKS

1. Prior permission for use is not required.
2. It is necessary to arrange a key to gates for airside vehicular access.

PHYSICAL CHARACTERISTICS

15/33 32a 5700 kg/0.60 MPa Sealed. RWY LEN 964M. WID 18 RWS 60

AERODROME AND APPROACH LIGHTING

RWY 15/33 LIRL PAL+AA 120.55

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 118.6

LOCAL TRAFFIC REGULATIONS

ACFT park at the NE apron, area 360M^2.

CTAF 126.7

ADDITIONAL INFORMATION

1. Car parking at NE parking area, adjacent to ACFT parking area.
2. Model aeroplane club operates in daylight HR FM southern end of RWY approach. Radio monitored.
3. Bird and animal hazard may exist.
4. Weather information available: avmet.nz/ycoh/

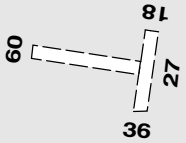
CHARTS RELATED TO THE AERODROME

WAC 3457.

COLAC

ELEV 450

FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YOLA
381711S 1434047E VAR 11 DEG E UNCR
AD OPR Colac Otway Shire, PO Box 283, Colac, VIC, 3250.
PH 03 5232 9400. Fax 5232 1046.

REMARKS

1. AD INFO and landing enquiries Colac Otway Shire automated message: 03 5232 9563.
2. AD charges: Landing fees collected via AVDATA, $10 per tonne plus GST, $10 MNM, charged at one landing per hour.

HANDLING SERVICES AND FACILITIES

Colac Aero Club: Email: enquiries@colacaeroclub.com.au
Fuel supplied by IOR Aviation Pty Ltd. JET A1 and AVGAS 100LL AVBL H24 self-serve bowser.
Payment method via IOR Aviation tag for account holders or via the Fuelcharge APP.
PH: 1300 457 467.

PASSENGER FACILITIES

LG/WC

APRONS AND TAXIWAYS
TWY and ACFT PRKG APN are sealed.

PHYSICAL CHARACTERISTICS

09/27	29a	Unrated. Sealed. RWY LEN 880M.	WID 10	RWS 30
18/36	20c	Unrated. Grass, soft when wet conditions. RWY LEN 600M.	WID 30	

AERODROME AND APPROACH LIGHTING
RWY 09/27 LIRL(1) PAL+AA 119.65
(1) Lighting WID 30M.
RWY edge light spacing: 09/27: 60M.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 126.8 2000FT

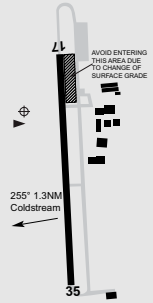
CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3469.

COLDSTREAM — ELEV 280

AVFAX CODE 3064 — **FULL NOTAM SERVICE NOT AVBL**

VIC UTC +10 YCEM
374342S 1452432E VAR 12 DEG E UNCR



AD OPR Yarra Valley Flight Training, 96 Killara Road (PO Box 54), Coldstream, VIC, 3770. Email: flying@yvft.com.au. PH 03 9739 1406. Fax 03 9739 0237.

REMARKS
PPR - CTC Yarra Valley Flight Training, Coldstream. PH 03 9739 1406, DLY 2300-0700. Permission to OPR is NOT AVBL on CTAF

HANDLING SERVICES AND FACILITIES
H24 AVGAS Card swipe bowser, V, MC, EFTPOS. CTC AD OPR for further details.

METEOROLOGICAL INFORMATION PROVIDED
1. METAR/SPECI.
2. AWIS PH 03 8470 3205 - Report faults to BoM.
3. AWIS FREQ 133.4 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

17/35	26a/c	Unrated. Gravel. Central 8M sealed. RWY LEN 795M.	WID 10	RWS 50

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 135.7 Circuit area

FLIGHT PROCEDURES
1. Fly Neighbourly procedures are in operation. Prior briefing required.
2. Circuit altitude 1,500FT AMSL.
3. Right hand circuits RWY 35.
4. Avoid noise sensitive area out to 1NM E of AD boundary.
5. Midfield crosswind joins not permitted.
6. Track via power line easement S of AD for RWY 17 crosswind and RWY 35 base legs.
7. Remain N of AD boundary for RWY 35 crosswind leg.
8. PPR for RWY 35 straight-in approaches.
9. On RWY 35 DEP, delay crosswind turn until N of the Maroondah Highway.
10. Upwind DEP off RWY 17 are not permitted due to proximity to terrain and noise sensitive area to the S.

CTAF 119.1

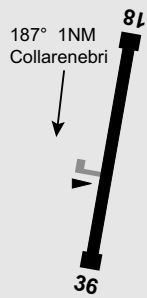
ADDITIONAL INFORMATION
PJE OPS take place at Lilydale ALA which is 3NM to the W.

Information may be continued on the next page: PTO

CHARTS RELATED TO THE AERODROME
WAC 3469, 3470.

COLLARENEBRI

ELEV 500
FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YCBR
293119S 1483456E VAR 10 DEG E UNCR
AD OPR Walgett Shire Council, PO Box 31, Walgett, NSW, 2832.
PH 02 6828 6100. Mobile AH 0428 076 309.

PASSENGER FACILITIES
No fuel or facilities AVBL.

APRONS AND TAXIWAYS
TWY and APN sealed.

AERODROME OBSTACLES
Unlit tower 550FT BRG 116 MAG 1,256M FM S end RWY 18/36.

PHYSICAL CHARACTERISTICS
18/36 40a Unrated. Sealed. RWY LEN 1,218M WID 20 RWS 60

AERODROME AND APPROACH LIGHTING
RWY 18/36 LIRL PAL 120.55
RWY 18/36 edge light spacing: 90M.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 127.1 Circuit area

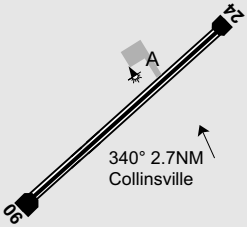
CTAF 126.7

ADDITIONAL INFORMATION
Caution: animal and bird life may be present.

CHARTS RELATED TO THE AERODROME
WAC 3356, 3357.

COLLINSVILLE

AVFAX CODE 4409
ELEV 591
FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YCSV
203546S 1475136E VAR 8 DEG E UNCR
AD OPR Whitsunday Regional Council, PO Box 104, Proserpine, QLD, 4800. Mobile 0417 762 235: 0448 629 779.

REMARKS
1. PPR for all OPS.
2. AD Charges: All ACFT.

HANDLING SERVICES AND FACILITIES
Nil fuel AVBL.

PASSENGER FACILITIES
LG (small terminal building)/WC/PT.

PHYSICAL CHARACTERISTICS
06/24 46c Unrated. Gravel. Central 18M sealed. RWY LEN 1,400M. WID 30

AERODROME AND APPROACH LIGHTING
RWY 06/24 LIRL PAL 119.6 SDBY PWR AVBL
RWY edge light spacing: 06/24: 60M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	135.5 Circuit area

LOCAL TRAFFIC REGULATIONS

Pavement Restrictions: RWY 06/24 not AVBL ACFT ABV 7,000KG MTOW.

FLIGHT PROCEDURES

Right hand circuits required when OPR on RWY 24.

CTAF 126.7

ADDITIONAL INFORMATION

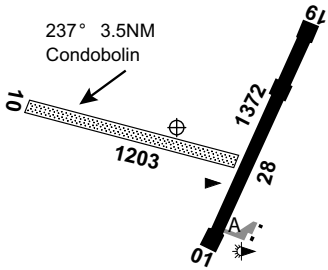
1. Animal hazard exists.
2. Caution: Blasting at mine 0.6NM S of ARP.
3. A signal circle is provided.

CHARTS RELATED TO THE AERODROME

WAC 3234, 3235.

CONDOBOLIN — ELEV 654

AVFAX CODE 2213



NSW UTC +10 YCDO
330352S 1471233E VAR 11 DEG E CERT
AD OPR Lachlan Shire Council, PO Box 216, Condobolin, NSW, 2877. PH 02 6895 1900. ARO AH 0427 313 497.

REMARKS

AD Charges: ACFT over 5,700KG.

PASSENGER FACILITIES

WC/TX PH 0400 499 299.

AERODROME OBSTACLES

1. Communications TWR (lit) 1,040FT AMSL BRG 289 DEG MAG 2.6NM FM ARP. Infringes conical SFC by 77FT.
2. AWIS (lit) 686FT AMSL BRG 138 DEG MAG 0.44NM FM ARP. Infringes transitional SFC by 1FT.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 02 9353 6413 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

01/19	014	45a	Unrated.	WID 30	RWS 150
10/28	094	39c	Unrated. Grassed red clay	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 01/19	LIRL	PAL+AA 120.6	SDBY PWR AVBL

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	134.65 Circuit area

CTAF 126.7

ADDITIONAL INFORMATION

Animal hazard exists.

CHARTS RELATED TO THE AERODROME

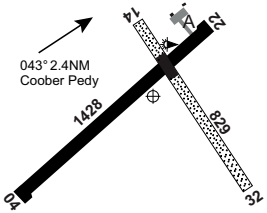
1. WAC 3457, 3456.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

COOBER PEDY

ELEV 745

AVFAX CODE 5201



SA UTC +9:30 YCBP
290224S 1344315E VAR 5 DEG E CERT
AD OPR District Council of Coober Pedy, PO Box 425, Coober Pedy, SA, 5723. ARO 0400 108 230 (H24). OPS MGR 0418 844 593. Council PH 08 8672 4600. Website: www.cooberpedy.sa.gov.au.

REMARKS

1. AD Charges - All ACFT refer to website.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

VIVA Energy Aviation - Avien Ground Handling: MON-FRI 0800-1700 Local. Weekends and PH by 48HR prior arrangement - call-out fee $150+GST. PH: 0430 860 461 or email: admin@avien.com.au.
AVGAS H24 swipe bowser - accepts Viva Fuel2Sky card, V, MC and debit card (pin number RQ for all credit cards). JET A1 bowser OPR call-out RQ at all times. No JET A1 refuelling after 1700 Local on any day.
Ground Handling and Passenger Services: Avien Ground Handling PH: 0430 860 461. Email: admin@avien.com.au

PASSENGER FACILITIES

WC/HC (PH 0417 805 891)/LG (Limited times)

AERODROME OBSTACLES

1. Towers (lit):
   a. 898FT AMSL PSN 290058.92S 1344510.39E. Infringes HZS by 11FT.
   b. 898FT AMSL PSN 290056.78S 1344514.84E. Infringes HZS by 11FT.
   c. 927FT AMSL PSN 290041.77S 1344532.91E. Infringes HZS by 40FT.
2. Radio TWR 910FT AMSL PSN 290221.28S 1344618.93E. Infringes HZS by 23FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 08 8150 3803 - Report faults to BoM.
3. AWIS FREQ 122.125 - Report faults to AD OPR (requires one-second pulse to activate).

PHYSICAL CHARACTERISTICS

04/22	044	47a	PCR 62/F/A/0.88 MPa/U	WID 30	RWS 150
14/32	145	27c	5700 kg/0.52 MPa Gravel	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 04/22	LIRL	PAL+AA 119.6
RWY 04/22	PTBL(1)	BY PRIOR ARRANGEMENT
RWY 14/32	PTBL(1)	BY PRIOR ARRANGEMENT

(1) EMERG only.
RWY edge light spacing: 04/22: 90M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 120.7 7000FT

RADIO NAVIGATION AND LANDING AIDS

NDB CBP 341 290154.5S 1344325.6E Range 50 (HN 50)

LOCAL TRAFFIC REGULATIONS

1. All ACFT ABV 3,000KG to turn at turning nodes only, using MAX RAD turns.
2. PRKG restrictions for non RPT aircraft on sealed apron area. Permit obtainable FM AD Manager on at least 48 HR PN.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Bird hazard exists.

CHARTS RELATED TO THE AERODROME

1. WAC 3354.
2. Also refer to AIP Departure and Approach Procedures.

COOINDA

ELEV 43

FULL NOTAM SERVICE NOT AVBL



NT		UTC +9:30	YCOO
125410S	1323156E	VAR 2 DEG E	UNCR

AD OPR Kakadu Tourism (GLC) Pty Ltd, PO Box 170, Jabiru, NT, 0886. PH 08 8979 1500.

REMARKS

PPR to use the AD.

PASSENGER FACILITIES

Telstra 3G AVBL.

PHYSICAL CHARACTERISTICS

09/27	42c	5700 kg Unrated. Gravel. RWY LEN 1,282M.	WID 18	RWS 90

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	124.1 Circuit area

CTAF 126.7

ADDITIONAL INFORMATION

1. Animal hazard exists.
2. AD unfenced.

CHARTS RELATED TO THE AERODROME

WAC 3109.

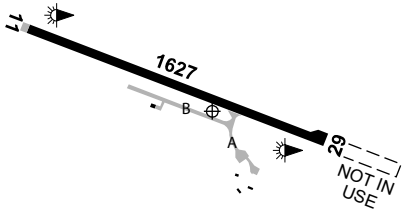
COOKTOWN

ELEV 26

AVFAX CODE 4513

QLD		UTC +10	YCKN
152641S	1451104E	VAR 6 DEG E	CERT

AD OPR Cook Shire Council, PO Box 3, Cooktown, QLD, 4895.
Email: cooktownap@cook.qld.gov.au. ARO 07 4069 5360. Mobile 0419 511 289.
Website: www.cook.qld.gov.au.



REMARKS

AD Charges: AVBL on website, 'Fees and Charges'.

HANDLING SERVICES AND FACILITIES

Cook Shire Council: H24 AVGAS and JET A1 bowser using Cook Shire Council account card and most credit cards. 2HR notice required for cash or cheque. Carnet card NOT accepted.
Phone 07 4069 5360, Mobile 0419 511 289.

PASSENGER FACILITIES

BU/LG/RF/WC

Information may be continued on the next page: PTO

AERODROME OBSTACLES
1. TNS infringed by trees W and S side of RWY.
2. Lit TWR, 450FT AMSL, BRG 158MAG, 2.39NM FM ARP, infringes inner HZS.
3. Lit mobile TWR, 180FT AMSL, BRG 255MAG, 0.94NM FM ARP, infringes inner HZS.
4. Unlit TWR, Mt Cook, 1,487FT AMSL, BRG 115MAG, 5.37NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT D, METAR/SPECI.
2. AWIS PH 07 3564 3712 - Report faults to BoM.
3. AWIS FREQ 133.35 (1 SEC transmit pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS
11/29 105 53a PCR 106/F/C/0.87 MPa/T WID 30 RWS 90

AERODROME AND APPROACH LIGHTING
RWY 11/29 LIRL AFRU+PAL 126.7 SDBY PWR AVBL
RWY edge light spacing: 11/29: 58M.

OTHER LIGHTING
1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 134.65 On ground

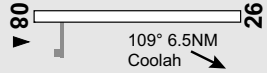
LOCAL TRAFFIC REGULATIONS
ACFT DEP Cooktown for Cairns that have obtained a Landing Slot Time FM ATC will be processed more expeditiously.

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME
1. WAC 3112.
2. Also refer to AIP Departure and Approach Procedures.

COOLAH — ELEV 1654

AVFAX CODE 2036 — **FULL NOTAM SERVICE NOT AVBL**



NSW UTC +10 YCAH
314624S 1493634E VAR 11 DEG E UNCR
AD OPR Warrumbungle Shire Council, PO Box 191, Coonabarabran, NSW, 2357. PH 02 6849 2000: AD Manager 0429 771 758. Fax 6842 1337.

PHYSICAL CHARACTERISTICS
08/26 35c 5700 kg/0.45 MPa Brown gravel grass. RWY LEN 1,074M. WID 30 RWS 90

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 127.1 Circuit area

CTAF 126.7

ADDITIONAL INFORMATION
Animal and bird hazard exists. Kangaroos are likely at dusk and at night.

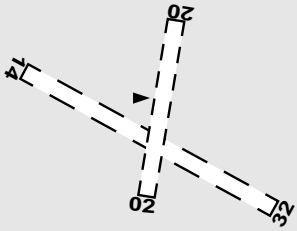
CHARTS RELATED TO THE AERODROME
WAC 3356, 3357.

COOLATAI

ELEV 1230

FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YCTA
290839S 1504329E VAR 11 DEG E UNCR
AD OPR Stephen Hunt, Pineview 341 Yallaroi Road, Coolatai, NSW, 2402.
Email: sbandlt_hunt@bigpond.com. PH 0474 821 312.



REMARKS

1. PPR.
2. Daylight OPS only.

HANDLING SERVICES AND FACILITIES

ULP 95 AVBL by prior arrangement.

AERODROME OBSTACLES

1. Windsock NNE of cross strip junction.
2. Hangar SSE of cross strip junction.
3. Tied windmill (not indicating wind) adjacent to THR RWY 14.
4. Trees on RWY 02/20 approaches.

PHYSICAL CHARACTERISTICS

02/20	32c	Unrated. Grass over clay.	WID 20	RWS 40
14/32	31c	Unrated. Grass over clay	WID 20	RWS 50

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 127.1

CTAF 126.7

ADDITIONAL INFORMATION

Livestock and wildlife hazards at times.

CHARTS RELATED TO THE AERODROME

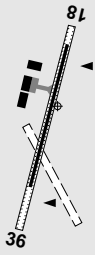
WAC 3357.

COOMA - POLO FLAT

ELEV 2701

AVFAX CODE 2114

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YPFT
361345S 1490858E VAR 13 DEG E UNCR
AD OPR Snowy Hydro, PO BOX 332, Cooma, NSW, 2630.
Email: colin@helisurveys.com.au. PH 02 6100 3220. Mobile 0400 832 147.

REMARKS

1. PPR. Phone 02 6100 3220.
2. RWY currently closed to fixed wing ACFT.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL.

PHYSICAL CHARACTERISTICS

12/30	30	Unrated. Grass
18/36	49	Unrated. Tarmac and grass

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	120.75 Only AVBL ABV 3700FT (Circuit HT)

FLIGHT PROCEDURES

1. Right hand circuits RWY 30 and 36.
2. Landing on grass on E side of 18/36 beside tarmac is encouraged and preferred.

CTAF 118.1

ADDITIONAL INFORMATION

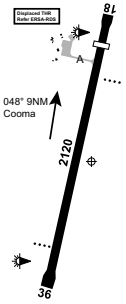
1. Gates are locked and cattle graze on airfield when no OPS scheduled.
2. GPS Approach AVBL on RWY 18.
3. Glider OPS at Bunyan airstrip, 6NM to N, HJ generally weekends. Monitor 122.7 for glider OPS. Tug ACFT monitor 122.7 and 118.1 when airborne.
4. Cooma - Snowy Mountains AD located 9NM SW, FREQ 118.1. Separate ERSA entry.
5. Model ACFT OPR WI 500M radius of PSN 361312.00S 1490936.00E BRG 029 MAG 0.8NM FM Cooma-Polo Flat (YPFT) SFC to 1,000FT AGL.

CHARTS RELATED TO THE AERODROME

1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

COOMA - SNOWY MOUNTAINS — ELEV 3087

AVFAX CODE 2113



NSW UTC +10 YCOM
361802S 1485826E VAR 13 DEG E CERT

AD OPR General Manager, Snowy Mountains Airport - Cooma, PO Box 35, Jindabyne, NSW, 2627. Email: aviation@snowymountainsairport.com.au. ARO H24 0415 582 069. Website: www.snowymountainsairport.com.au.

REMARKS

1. AD charges apply. Contact AD OPR for details.
2. Prior notice required for charter OPS with 5 or more PAX.
3. Prior notice recommended for overnight PRKG.
4. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

AVGAS and JET A1 H24 self-service bowsers accept MC, V and Skyfuel Carnet. JET A1 tanker service AVBL for larger turbine ACFT. Call-out fees may apply. Skyfuel TEL 0468 559 310. Further information: www.snowymountainsairport.com.au/fuel.

PASSENGER FACILITIES

TX - 02 6452 7777 (taxi's travel from Cooma township)/LG and RF - AVBL HS/WC - H24.

AERODROME OBSTACLES

Lit hazard lights:

a. 3,775FT AMSL BRG 334 DEG MAG 5,056M FM ARP. Obstructs inner HZS by 559.06FT. Flashing.
b. 3,558FT AMSL BRG 111 DEG MAG 2,284M FM ARP. Obstructs inner HZS by 342.52FT. Flashing.
c. 3,270FT AMSL BRG 352 DEG MAG 3,616M FM ARP. Obstructs RWY 36 TKOF climb SFC by 63.65FT.
d. 3,223FT AMSL BRG 358 DEG MAG 3,698M FM ARP. Obstructs RWY 36 TKOF climb SFC by 8.53FT.
e. 3,248FT AMSL BRG 002 DEG MAG 3,944M FM ARP. Obstructs RWY 36 TKOF climb SFC by 17.72FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 02 9353 6414 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

18/36 180 70a PCR 120/F/B/0.65 MPa/U WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 18/36	LIRL	AFRU+PAL 118.1		SDBY PWR AVBL
RWY 18/36	PAPI(1)	AFRU+PAL 118.1	3.0 DEG40FT	SDBY PWR AVBL

(1) Left side. Lighting status confirmed on PAL.
RWY edge light spacing: 18/36: 60M.

OTHER LIGHTING

HBN Locations as per AD OBSTACLES.
1. SDBY PWR supplied by AD generator in the event of mains PWR failure.
2. SDBY PWR switchover time: 10 SEC.
3. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 120.75 Circuit area (On ground COM contact 119.4)

RADIO NAVIGATION AND LANDING AIDS

DME	COM	114.0/ 87X	362115.5S	1485727.7E		(1)
NDB	COM	293	362113.6S	1485727.1E	Range 80 (HN 70)	(2)

(1) Antenna ELEV 3026FT.
(2) 003/3.3 to ARP.

LOCAL TRAFFIC REGULATIONS

1. **Parking restrictions**
   a. To avoid OBST to RPT ACFT, parking for GA ACFT BLW 5,700KG MTOW AVBL E and ADJ to RPT Bay 3 and 3A. GA ACFT tiedowns unrated.
   b. ACFT parking in RPT bays require PN on Monday, Thursday, Friday 0800-1800 Local.
   c. RPT Bays 1 and 2 suitable up to DH8D.
   d. RPT Bays 1A and 2A suitable up to SF34.
   e. RPT Bays 3 and 3A suitable up to JS32.
2. **RWY 18/36 turning restrictions**
   a. Pilots to use full RWY width when turning (no sharp turns).
   b. ACFT ABV 5,700KG MTOW must only turn at the turn pads.

CTAF - AFRU 118.1

ADDITIONAL INFORMATION

1. Bird and animal hazard exists.
2. Gliders OPR FM Bunyan Airstrip 12.5NM NE Cooma HJ, generally JF, and monitor 122.7, or CTAF when WI 10NM of Cooma AD. Tug ACFT when airborne monitor CTAF and 122.7.
3. Polo Flat airfield located adjacent to Cooma Township and 9NM NE of Cooma - Snowy Mountains AD. Polo Flat has a separate ERSA entry.
4. Risk of snowfall or heavy frost year-round. Highest risk from May to October. No snow clearing or de-icing equipment AVBL.

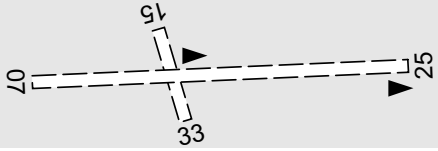
CHARTS RELATED TO THE AERODROME

1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

COOMBING PARK

ELEV 2350
FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YCPK
333743S 1490729E VAR 12 DEG E UNCR
AD OPR The Whitney Pastoral Co, Coombing Park, Carcoar, NSW, 2791.
Email: george.king@onfarm.co. PH 0427 673 021 (H24).



Information may be continued on the next page: PTO

REMARKS
Private use - PPR.

HANDLING SERVICES AND FACILITIES
Nil.

PASSENGER FACILITIES
Water AVBL. WC located at cattle yards.

PHYSICAL CHARACTERISTICS

07/25	39c	Unrated. RWY length 1,200M	WID 20	RWS 90

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	135.25

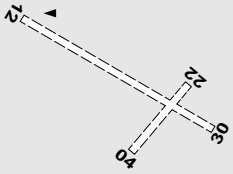
CTAF 126.7

ADDITIONAL INFORMATION
Rising terrain to the east.

CHARTS RELATED TO THE AERODROME
WAC 3456, 3457.

COOMINYA **ELEV 330**

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YBCM
272330S 1522742E VAR 11 DEG E UNCR
AD OPR J & L Walmsley, 62 Kiernan Lane, Coominya, QLD, 4311.
Email: cftjohn@westnet.com.au. Mobile 0413 452 547.

REMARKS
1. PPR.
2. RAA training OPS HJ.

HANDLING SERVICES AND FACILITIES
MOGAS AVBL by arrangement.

AERODROME OBSTACLES
Powerlines at end of RWY 30 and RWY 04 marked with orange balls.

PHYSICAL CHARACTERISTICS

04/22	13c	Unrated. Grass. RWY LEN 400M.	WID 50
12/30	33c	Unrated. Grass. RWY LEN 1,000M.	WID 50

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	121.2 Circuit area

LOCAL TRAFFIC REGULATIONS
1. Taxiing ACFT crossing RWY 04/22, stop and broadcast intentions before crossing.
2. Carriage and use of radio is required by the AD OPR.
3. RWY 04/22 Ultralight training only (5 DEG slope to SW).

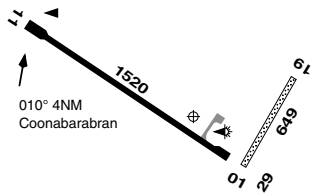
FLIGHT PROCEDURES
1. Right hand CCTS required on RWY 12 and RWY 04.
2. Circuit ALT 1,000FT AMSL (670FT AGL) - all ACFT.
3. Controlled airspace Amberley 1,500FT step directly ABV AD. See AMB ERSA entry and VTC for requirements.
4. Fly neighbourly - noise sensitive neighbours, see Coominya Flight Training website for map.

CTAF 126.7

ADDITIONAL INFORMATION
1. Flight training seven days per week.
2. Animal hazard exists.
3. Avoid model ACFT 1,500M NE of AD.
4. UAV up to 65KG in operation.
5. Windy conditions can produce mechanical TURB on APCH and DEP.

CHARTS RELATED TO THE AERODROME
WAC 3340.

COONABARABRAN ELEV 2117
AVFAX CODE 2033



NSW UTC +10 YCBB
311957S 1491602E VAR 11 DEG E CERT
AD OPR Warrumbungle Shire Council, PO Box 191, Coonabarabran, NSW, 2357. PH 02 6849 2000. ARO 6849 2000. Fax 6842 1337.

AERODROME OBSTACLES
1. Lit COM TWR:
   a. 2,222FT AMSL, PSN 312008.10S 1491712.76E APRX BRG 084 DEG MAG 1,770M FM ARP.
   b. 2,939FT AMSL, PSN 311919.50S 1491124.42E APRX BRG 266 DEG MAG 7,600M FM ARP
2. Trees:
   a. 2,419FT AMSL, PSN 311832S 1491243E APRX BRG 285 DEG MAG 3.18NM FM ARP.
   b. 2,120FT AMSL, PSN 311935S 1491511E APRX BRG 286 DEG MAG 1,515M FM ARP.
   c. 2,129FT AMSL, PSN 311930S 1491515E APRX BRG 293 DEG MAG 1,521M FM ARP.
   d. 2,145FT AMSL, PSN 311942S 1491520E APRX BRG 282 DEG MAG 1,203M FM ARP.
   e. 2,115FT AMSL, PSN 311931S 1491517E APRX BRG 292 DEG MAG 1,440M FM ARP.
   f. 2,144FT AMSL, PSN 311942S 1491519E APRX BRG 281 DEG MAG 1,237M FM ARP.
   g. 2,150FT AMSL, PSN 311943S 1491520E APRX BRG 280 DEG MAG 1,187M FM ARP.
   h. 2,109FT AMSL, PSN 311944S 1491527E APRX BRG 283 DEG MAG 1,020M FM ARP.
   i. 2,112FT AMSL, PSN 311945S 1491530E APRX BRG 282 DEG MAG 926M FM ARP.
   j. 2,124FT AMSL, PSN 311947S 1491547E APRX BRG 296 DEG MAG 503M FM ARP.
   k. 2,159FT AMSL, PSN 311948S 1491551E APRX BRG 301 DEG MAG 412M FM ARP.
   l. 2,167FT AMSL, PSN 312003S 1491601E APRX BRG 182 DEG MAG 197M FM ARP.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT D, METAR/SPECI.
2. AWIS PH 02 9353 6415 - Report faults to BoM.
3. AWIS FREQ 125.45 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

01/19	018	21c	Unrated. Grass.	WID 60	RWS 90
11/29	112	50a	Unrated.	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING
RWY 11/29 LIRL PAL+AA 119.2

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 127.1 Circuit area

FLIGHT PROCEDURES
Pilots are requested to avoid overflight of the Siding Spring Observatory (BRG 277 MAG 10.8NM FM ARP).

CTAF 126.7

ADDITIONAL INFORMATION
Animal and bird hazard exists. Kangaroos are likely at dusk and at night.

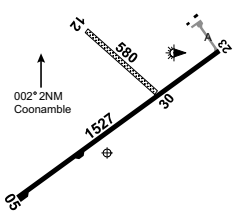
CHARTS RELATED TO THE AERODROME
1. WAC 3356, 3357.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

COONAMBLE

ELEV 604

AVFAX CODE 2214



NSW UTC +10 YCNM
305900S 1482232E VAR 11 DEG E CERT
AD OPR Coonamble Shire Council, PO Box 249, Coonamble, NSW, 2829. PH 02 6827 1900. ARO H24 - 0407 253 754. Fax 6822 1626.

REMARKS

This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

AVGAS AVBL H24 via self-serve bowser activated by credit card and Skyfuel carnet card. PH 0418 862 100 or refer www.skyfuel.com.au for site orientation.

PASSENGER FACILITIES

WC.

AERODROME OBSTACLES

1. Lit TWR 795FT AMSL PSN 305717.8S 1482319.2E. Infringes OLS by 53FT.
2. Lit silo 764FT AMSL PSN 305730.4S 1482247.2E. Infringes OLS by 22FT.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 02 9353 6416 - Report faults to BoM.
3. AWIS FREQ 128.075 (activate with 5 second pulse on PTT) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	043	50a	PCR 90/F/B/W/T	WID 30	RWS 150
12/30	118	19c	Unrated. Grass black clay.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 05/23 LIRL(1) SDBY PWR AVBL
(1) HN and low LGT conditions. SDBY PWR manually activated - 30 MIN PN.
RWY edge light spacing: 05/23: 100M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 127.1 Circuit area

LOCAL TRAFFIC REGULATIONS

Confine all OPS to RWY, RWS not suitable for OPS.

CTAF 126.7

ADDITIONAL INFORMATION

Bird hazard exists.

CHARTS RELATED TO THE AERODROME

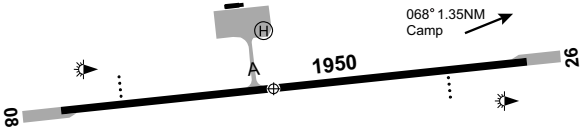
1. WAC 3356, 3357.
2. Also refer to AIP Departure and Approach Procedures.

COONDEWANNA ELEV 2327

AVFAX CODE 6829

WA		UTC +8	YCWA
225800S	1184848E	VAR 1 DEG E	CERT

AD OPR BHP Iron Ore Pty Ltd, 125 St Georges Terrace, Perth, WA, 6000.
Email: macairportsup@bhp.com. Email: coondewanna.mail@bhp.com. ARO 0400 387 986.



REMARKS

1. Restricted OPS. PPR from AD OPR.
2. All OPS - advise AD OPR at least 20 MIN prior to ETA on 129.75.

HANDLING SERVICES AND FACILITIES

AIR BP: JET A1 CTC ARO.
Marshalling is provided for all fixed wing aircraft.

PASSENGER FACILITIES

LG/RF/WC. Telstra 4G mobile reception.

AERODROME OBSTACLES

1. Significant high terrain WI circuit area.
2. Terrain penetrates inner HZS:
   a. LCA BTN 050DEG M and 075DEG M, 2.16NM FM ARP, 2,600FT; and
   b. LCA BTN 100DEG M and 270DEG M, 1.24NM FM ARP, 2,950FT.
3. Terrain penetrates conical SFC:
   a. LCA BTN 308DEG M and 030DEG M, 2.64NM FM ARP, 2,670FT;
   b. LCA BTN 110DEG M and 135DEG M, 2.64NM FM ARP, 2,950FT; and
4. Marked, TWR:
   a. Lit, 3,007FT AMSL, (red steady MIOL, HN) PSN 225936.62S 1185141.60E, APRX BRG 121 DEG MAG 3.12NM FM ARP. Infringes conical SFC by 390FT.
   b. Lit, 2,700FT AMSL, (red steady LIOL HN) PSN 225527.95S 1185014.10E, APRX BRG 027 DEG MAG 2.86NM FM ARP. Infringes conical SFC by 102FT.
   c. Unlit, 2,535FT AMSL PSN 225830.5S 1185009.5E. Infringes inner HZS by 84FT.
5. Marked and lit crane OPS (red steady LIOL) 2,587FT AMSL WI 100M radius of PSN 225749S 1185204E, APRX BRG 086 DEG MAG 3.02NM FM ARP. Infringes COS by 63FT.
6. Multiple drilling masts up to 2,715FT AMSL erected HJ in a line BTN PSN 225611.6S 1184547.7E and PSN 225533.1S 1184911.1E. Infringes contical SFC by up to 118FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS FREQ 122.325 (requires one one-second pulse to activate) - Report faults to ARO.

PHYSICAL CHARACTERISTICS

08/26	082	64a	PCR 431/F/A/1.44 MPa/T Grooved.		WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 08/26	LIRL(1)	PAL+AA 120.2		SDBY PWR AVBL
RWY 08	PAPI(2)	PAL+AA 120.2	3.1 DEG45FT	SDBY PWR AVBL
RWY 26	PAPI(2)	PAL+AA 120.2	3.1 DEG43FT	SDBY PWR AVBL

(1) Spacing 60M
(2) Left side.

1. PWR supplied by mains - SDBY PWR auto switchover 14 SEC.
2. IWI will activate on PAL, PRI and secondary IWI will flash in last 10MIN of 30MIN cycle.
3. PAL activation INTER at LSALT to N of AD.
4. All lighting manually activated by ARO 30MIN prior to scheduled arrival and deactivated 15MIN after departure.

Information may be continued on the next page: PTO

OTHER LIGHTING
TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 128.15 Circuit area

LOCAL TRAFFIC REGULATIONS
1. RWY 08/26: All ACFT ABV 5,700KG must make MAX RAD turns at MNM speed at turn pads to avoid SFC damage.
2. All ACFT are required to backtrack on RWY centreline.
3. All ACFT to follow APN markings.
4. Marked HEL landing/lift-off area – located right hand side upon entry to APN.
5. No fuel AVBL Bay 3 or HEL landing/lift-off area.
6. Night OPS – Code C ACFT PRKG Bays 1 and 2.

FLIGHT PROCEDURES
Right hand CCTS RWY26.

CTAF 127.05

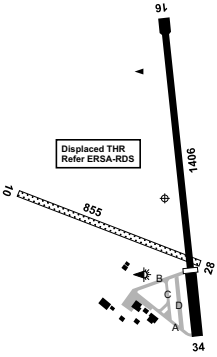
AFRU at Fortescue Dave Forrest AD (YFDF). AFRU not heard on ground at Coondewanna.

ADDITIONAL INFORMATION
Blasting occurs within 3.5NM NE and SE of AD, and then in a line 10NM to the E. SFC to 3,000FT. Blasting can occur between 0600 and 1800 Local. Dust plumes may occur following a blast, ARO will contact ACFT on 129.75 if there are visibility concerns due to lingering dust.

CHARTS RELATED TO THE AERODROME
1. WAC 3229.
2. Also refer to AIP Departure and Approach Procedures.

COOTAMUNDRA — ELEV 1110

AVFAX CODE 2132



NSW UTC +10 YCTM
343728S 1480209E VAR 12 DEG E CERT
AD OPR Cootamundra-Gundagai Regional Council, PO Box 420, Cootamundra, NSW, 2590. PH 1300 459 689. Fax 6940 2127.

HANDLING SERVICES AND FACILITIES
Aero Refuellers AVGAS; Bowser accepts Aero Refuellers carnet card, MC, VISA (debit and credit). For information phone 02 6041 1599 (Office HR). South West Aviation PTY LTD: JET A1 PH 02 6942 2956. CTC operator to check availability. Call-out fees may apply after hours. V or MC.

APRONS AND TAXIWAYS
1. TWY A AVBL to ACFT up to Code B.
2. TWY D AVBL to RFS ACFT only.

AERODROME OBSTACLES
1. Silo 1,265FT AMSL, BRG 173 DEG MAG 1,638M FM ARP. Infringes HZS by 15FT.
2. Towers (lit):
   a. 1,435FT AMSL BRG 137 DEG MAG 2,411M FM ARP. Infringes HZS by 185FT.
   b. 1,396FT AMSL BRG 138 DEG MAG 2,457M FM ARP. Infringes HZS by 146FT.
   c. 1,481FT AMSL BRG 145 DEG MAG 4,756M FM ARP. Infringes HZS by 135FT.

PHYSICAL CHARACTERISTICS

10/28	099	28c	Unrated. Grassed black clay.	WID 30	RWS 90
16/34	161	46a	Unrated.	WID 18	RWS 90

1. RWY 16/34 18(60), widens to 30(100) at N end. Not AVBL to ACFT ABV 5,700KG.
2. RWY 10/28 and all grass areas not AVBL to ACFT ABV 5,700KG.

AERODROME AND APPROACH LIGHTING
RWY 16/34 LIRL PAL 122.4
RWY edge light spacing: 16/34: 90M.

OTHER LIGHTING
TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA	MELBOURNE CENTRE	134.65 4,000FT (ARR/DEP WEST)
FIA	MELBOURNE CENTRE	124.1 Circuit area (ARR/DEP EAST)

FLIGHT PROCEDURES
1. RWY 28 right hand circuits.
2. RWY 34 right hand circuits (HN).
3. Circuit height: 1,000FT AGL for low performance ACFT due AD OBST.

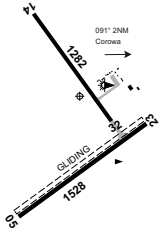
CTAF 126.7

ADDITIONAL INFORMATION
Model ACFT OPR WI 500M RAD of PSN 344306.00S 1480218.00E BRG 164 MAG 5.9NM FM Cootamundra AD (YCTM) SFC to 2,000FT AGL.

CHARTS RELATED TO THE AERODROME
1. WAC 3456, 3457.
2. Also refer to AIP Departure and Approach Procedures.

COROWA — ELEV 469

AVFAX CODE 3040



NSW UTC +10 YCOR
355925S 1462105E VAR 12 DEG E CERT
AD OPR Federation Council, 100 Edward Street, Corowa, NSW, 2646.
Email: council@federationcouncil.nsw.gov.au. PH 02 6033 8999.
PH AH 1800 110 088. Fax 02 6033 3317.

SURFACE MOVEMENT GUIDANCE
RWY fixed distance and TDZ markings not provided.

PHYSICAL CHARACTERISTICS
05/23	042	50a	PCR 60/F/D/0.58 MPa/T		WID 23	RWS 150
14/32	132	42a	PCR 50/F/D/0.58 MPa/T		WID 18	RWS 90

AERODROME AND APPROACH LIGHTING
RWY 05/23 LIRL(1) PAL+AA 119.6
(1) LGT laterally spaced at 45M.
RWY edge light spacing: 05/23: 90M.

OTHER LIGHTING
TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA	MELBOURNE CENTRE	125.2 Circuit area

RADIO NAVIGATION AND LANDING AIDS
NDB	COR	380	355914.9S	1462125.9E	Range 85 (HN 75)

CTAF 132.45

ADDITIONAL INFORMATION
1. Glider flying OPS HJ November - March every year, OT HJ JF. Gliders OPR WI extended RWS.
2. Gliders fly right hand circuits for RWY 14 and 05.
3. Bird and animal hazard exists.

CHARTS RELATED TO THE AERODROME
1. WAC 3457, 3470.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

CORRYONG

ELEV 963

AVFAX CODE 2139



VIC UTC +10 YCRG
361058S 1475316E VAR 12 DEG E CERT
AD OPR Towong Shire Council, PO Box 55, Tallangatta, VIC, 3700. Email: ycrg.ado@towong.vic.gov.au. PH 02 6071 5100 (voicemail monitored after hours). ARO 0437 386 312. AD Manager: 0400 879 865.

HANDLING SERVICES AND FACILITIES

Aero Refuellers: H24 card swipe. AVGAS and JET A1 bowsers. Accepts Aero Refuellers cards, V and MC. Phone: 0413 003 808.

PASSENGER FACILITIES

Telephone facilities not AVBL.

AERODROME OBSTACLES

1. Unlit TWR 1,644FT AMSL BRG 111 DEG MAG 3,199M FM ARP.
2. Lit TWR:
   a. Mt Elliott 3,117FT AMSL BRG 080 DEG MAG 8,037M FM ARP.
   b. Mt Mittamatite 3,379FT AMSL BRG 316 DEG MAG 4,469M FM ARP.
   c. 1,222FT AMSL PSN 361150.2S 1475417.4E. Infringes HZS by 120FT.
3. Group of trees (unlit) 1,003FT AMSL PSN 361057.5S 1475311.4E. Infringes TNS by 17FT.

PHYSICAL CHARACTERISTICS

06/24	060	46a	5700 kg/0.45 MPa Gravel. Central 18M(60FT) and 190M(623FT) FM each end sealed to WID 30.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 06/24 LIRL(1) BY PRIOR ARRANGEMENT

(1) ACT by PAL+AA. PPR FM AD OPR, 60 MIN PN.

OTHER LIGHTING

1. RWY edge light spacing: 06/24: 60M.
2. TWY LGT: Blue edge on TWY A.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.2 3,500FT

FLIGHT PROCEDURES

1. Right hand circuits required when OPR on RWY 06.
2. Civil night OPS are not permitted without approval from CASA.

CTAF 126.7

ADDITIONAL INFORMATION

Ultralight training activity in vicinity of AD.

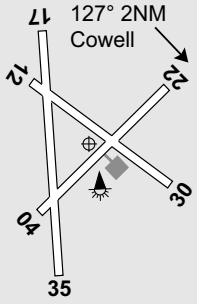
CHARTS RELATED TO THE AERODROME

1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

COWELL

ELEV 127

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YCWL
334002S 1365330E VAR 7 DEG E UNCR
AD OPR District Council of Franklin Harbour, PO Box 71, Cowell, SA, 5602. PH 08 8629 2231: 8629 2019. ARO AH 0427 973 219.
Fax 08 8629 2152.

PHYSICAL CHARACTERISTICS

04/22	39c	5700 kg/0.50 MPa Grass. Central 18 gravel.	WID 30	RWS 90
12/30	35c	5700 kg/0.50 MPa Grass.	WID 30	RWS 90
17/35	48c	5700 kg/0.50 MPa Grass.	WID 30	RWS 45

AERODROME AND APPROACH LIGHTING

RWY 04/22	LIRL	PAL 120.6
RWY 04/22	PTBL(1)	BY PRIOR ARRANGEMENT
RWY 12/30	PTBL(1)	BY PRIOR ARRANGEMENT
RWY 17/35	PTBL(1)	BY PRIOR ARRANGEMENT

(1) EMERG only. 120MIN PN.
RWY edge light spacing: 04/22: 60M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.9 Circuit area

CTAF 126.7

ADDITIONAL INFORMATION

Animal hazard exists.

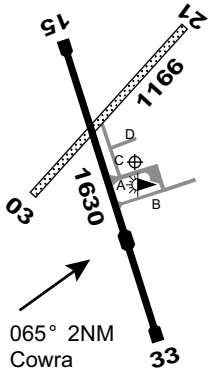
CHARTS RELATED TO THE AERODROME

WAC 3459.

COWRA

ELEV 973

AVFAX CODE 2134



NSW UTC +10 YCWR
335041S 1483856E VAR 12 DEG E CERT
AD OPR Cowra Shire Council, Private Bag 342, Cowra, NSW, 2794.
Email: council@cowra.nsw.gov.au. ARO 0429 987 615.
Council PH 02 6340 2000 (ADMIN).

REMARKS

1. AD Charges: Nil.
2. OPS in VIS less than 800M not supported.

HANDLING SERVICES AND FACILITIES

AVGAS and JET A1 AVBL 24H. Self-service terminal accepts V and MC.
Phone BH 02 6341 1616, AH 0419 263 405.

Information may be continued on the next page: PTO

AERODROME OBSTACLES

1. Communications TWR (lit) 1,463FT AMSL PSN 334944.67S 1484149.90E.
2. Tree 1,083FT AMSL BRG 150 DEG MAG 1,985M FM ARP. Infringes visual segment RWY 33 APCH.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 02 9353 6417 - Report faults to BoM.
3. AWIS FREQ 133.625 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

03/21	029	38c	Unrated. Grassed red clay.	WID 30	RWS 80
15/33	150	53a	PCR 100/F/C/0.60 MPa/U	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 15/33 LIRL AFRU+PAL 126.7
RWY edge light spacing: 15/33: 90M.

OTHER LIGHTING

TWY LGT: Blue edge (TWY A only).

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 135.25 On ground

RADIO NAVIGATION AND LANDING AIDS

NDB CWR 299 335041.6S 1483911.7E Range 110 (HN 70)

LOCAL TRAFFIC REGULATIONS

1. RWY 15/33 confine OPS to sealed RWY SFC.
2. RWS not ABVL for TKOF or LDG.

FLIGHT PROCEDURES

Right hand CCTS required when OPR on RWY 15.

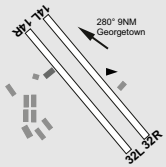
CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3456, 3457.
2. Also refer to AIP Departure and Approach Procedures.

CRANBOURN

ELEV 300
FULL NOTAM SERVICE NOT AVBL



TAS UTC +10 YCRN
410941S 1470053E VAR 14 DEG E UNCR
AD OPR BG & M Hill & Partner, 1283 Dalrymple Road, Mount Direction, TAS, 7252. PH 03 6394 8119: 0488 169 231.

REMARKS

1. PPR.
2. Local peculiarities apply - Contact AD OPR for details.

PHYSICAL CHARACTERISTICS

14L/32R	22c	Unrated. Grass. RWY LEN 680M. Slope down to SE.	WID 17
14R/32L	22c	Unrated. Grass with gravel. RWY LEN 680M. Slope down to SE. Crests at 370M FM S end and 120M FM N end.	WID 31

ATS AND AERODROME COMMUNICATION FACILITIES

FIA LAUNY CENTRE (1) 123.8
(1) Outside LT TWR and APP HR ML CENTRE.

FLIGHT PROCEDURES

1. No simultaneous RWY OPS.
2. In nil wind conditions 32L/32R are to be used.
3. Circuits are to be flown to the west of the field with right hand circuits for RWY 14L/14R due to heavily forested areas to the east. Base leg for RWY 32L/32R are to be flown over a path indicated by white tyres mounted on fences 1.1KM south of RWY THR. No flying over houses in the circuit. For further information CTC AD OPR PH: 03 6394 8119.

CTAF 126.7

ADDITIONAL INFORMATION

1. Rabbits may dig on RWY surface.
2. Soft wet surface at mid length of RWY after heavy rain.

CHARTS RELATED TO THE AERODROME

WAC 3556.

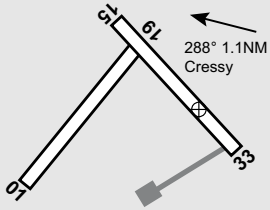
CRESSY

ELEV 420

FULL NOTAM SERVICE NOT AVBL

VIC		UTC +10	YCRE
380224S	1433911E	VAR 11 DEG E	UNCR

AD OPR CSS Investments, 175 Aerodrome Road, Cressy, VIC, 3320.
Email: cressyaerodrome@iinet.net.au. PH 0481 327 587.



REMARKS

PPR.

HANDLING SERVICES AND FACILITIES

No fuel AVBL.

PASSENGER FACILITIES

WC/RF/HC/AC.

AERODROME OBSTACLES

1. Powerlines on the approach to RWY 33.
2. Unlit TWY 355 DEG MAG 0.8NM FM ARP.

PHYSICAL CHARACTERISTICS

01/19	36c	Unrated. Grass. RWY LEN 1,100M	WID 50
15/33	30c	Unrated. Grass. RWY LEN 900M	WID 50

AERODROME AND APPROACH LIGHTING

RWY 01/19 PTBL(1) BY PRIOR ARRANGEMENT

(1) 30MIN PN.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	126.8

FLIGHT PROCEDURES

1. Right hand circuits when operating on RWY 01 and 33.
2. Pilots are encouraged to avoid overflying Cressy township and properties to the S.
3. Aircraft approaching from NW or W to track via Lake Rosine and when approaching from S track via the eastern shore of Lake Weering.

CTAF 126.7

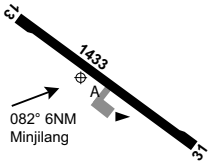
Information may be continued on the next page: PTO

ADDITIONAL INFORMATION
1. Railway tracks are close to the threshold of RWY 15 and 19.
2. Kangaroo hazard may exist.

CHARTS RELATED TO THE AERODROME
WAC 3469.

CROKER ISLAND ELEV 51

AVFAX CODE 8022



NT UTC +9:30 YCKI
110955S 1322902E VAR 2 DEG E CERT
AD OPR Minjilang Community Inc, Croker Island, NT, 0822.
Email: contracts@westernhem.nt.gov.au. PH 08 8970 3500 BH.
ARO EMERG Satellite PH 0147 182 356 H24. Mobile 0419 947 865 H24.

PASSENGER FACILITIES
Telephone facilities not AVBL.

PHYSICAL CHARACTERISTICS
13/31 133 47a Unrated. Sealed WID 23 RWS 90

AERODROME AND APPROACH LIGHTING
RWY 13/31 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG only. Solar powered, automatically activates.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 118.15 8000FT

CTAF 126.7

ADDITIONAL INFORMATION
Possibility of animals on movement area.

CHARTS RELATED TO THE AERODROME
WAC 3098.

CROOKWELL ELEV 2953

FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YCRL
343000S 1492700E VAR 12 DEG E UNCR
AD OPR Advanced Aero Components Pty Ltd, 245 Old Hume Hwy, Mittagong, NSW, 2575.
Email: advancedaerocomponents@gmail.com. Mobile 0436 000 560.
Website: www.crookwellaerodrome.com.au: www.advancedaerocomponents.com.

REMARKS
1. AD charges - Refer to website.
2. Day OPS only.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 121.2 to East - on ground 121.2
FIA MELBOURNE CENTRE 124.1

CTAF 126.7

ADDITIONAL INFORMATION
1. Turbulence due to Gullen range to West.
2. Down drafts over west end Gullen range in westerly winds.
3. West end Gullen Range may be higher than climb path.
4. Traffic on Kialla Road oriented North/South adjacent to E end of strip.
5. Radio contact may not be possible on ground.

CHARTS RELATED TO THE AERODROME
WAC 3456, 3457.

CROYDON

ELEV 350

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YCRY
181303S 1421511E VAR 6 DEG E UNCR
AD OPR Croydon Shire Council, PO Box 17, Croydon, QLD, 4871. Email: admin@croydon.qld.gov.au. PH 07 4748 7100: AD Manager 0437 461 837. ARO H24 0429 708 870.

REMARKS
AD Charges: All ACFT.

HANDLING SERVICES AND FACILITIES
Phone 07 4745 6163. AVGAS AVBL with 2 weeks PN.

OTHER LIGHTING
RWY 09/27 PAL 119.6

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 118.6 3000FT

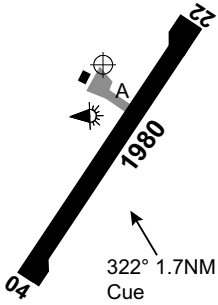
CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3220.

CUE

ELEV 1458

AVFAX CODE 6505



WA UTC +8 YCUE
272648S 1175507E VAR 0 DEG E CERT
AD OPR Shire of Cue, PO Box 84, Cue, WA, 6640.
Email: shire@cue.wa.gov.au. PH 08 9963 8600. ARO H24 0472 805 005.

REMARKS
1. PPR from AD OPR.
2. AD Charges apply all ACFT.

HANDLING SERVICES AND FACILITIES
Nil fuel and ground handling services AVBL.

PASSENGER FACILITIES
WC/Passenger terminal (by prior arrangement).

APRONS AND TAXIWAYS
TWY A width is 15M.

AERODROME OBSTACLES
1. 3 unlit TWR infringing inner HZS:
   a. 1,829FT AMSL BRG 341 DEG MAG 2,842M FM ARP. Infringes inner HZS by 237FT.
   b. 1,620FT AMSL BRG 324 DEG MAG 3,174M FM ARP. Infringes inner HZS by 29FT.
   c. 1,608FT AMSL BRG 318 DEG MAG 2,647M FM ARP. Infringes inner HZS by 17FT.
2. IWI BRG 182 DEG MAG 188M FM ARP. Infringes TNS by 13FT.

PHYSICAL CHARACTERISTICS
04/22 041 65a PCR 120/F/C/0.58 MPa/U Sealed. WID 30 RWS 150

AERODROME AND APPROACH LIGHTING
RWY 04/22 LIRL(1) PAL 119.6 BY PRIOR ARRANGEMENT
(1) EMERG only. 30MIN PN REQ for manual activation.
RWY edge light spacing: 60M.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 122.6 Circuit area

Information may be continued on the next page: PTO

LOCAL TRAFFIC REGULATIONS

1. Day VMC and EMERG night OPS only.
2. Parking by prior arrangement with AD OPR.
3. All ACFT must make MAX RAD MNM speed turns at RWY ends only to avoid SFC damage.

CTAF 126.7

ADDITIONAL INFORMATION

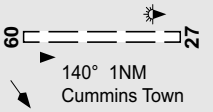
AD inspections on days of known airline servicing operations and in any other case at least twice a week. Additional inspections by arrangement with ARO. 24HR PN RQ. Fees apply.

CHARTS RELATED TO THE AERODROME

WAC 3346.

CUMMINS TOWN — ELEV 199

AVFAX CODE 5311 — **FULL NOTAM SERVICE NOT AVBL**



SA		UTC +9:30	YCMM
341510S	1354248E	VAR 7 DEG E	UNCR

AD OPR District Council of Lower Eyre Peninsula, 32 Railway Terrace, Cummins, SA, 5631. PH 08 8676 0400.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 08 8150 3804 - Report faults to BoM.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.9 Circuit area

FLIGHT PROCEDURES

Right hand CCTS when OPR RWY 27.

CTAF 126.7

ADDITIONAL INFORMATION

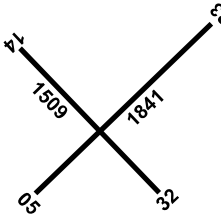
Bird hazard exists.

CHARTS RELATED TO THE AERODROME

WAC 3459.

CUNDERDIN — ELEV 705

AVFAX CODE 6005



WA		UTC +8	YCUN
313720S	1171300E	VAR 1 DEG W	CERT

AD OPR Cunderdin Shire Council, PO Box 100, Cunderdin, WA, 6407. Email: admin@cunderdin.wa.gov.au. PH 08 9635 1005. ARO 0409 686 938. Fax 08 9635 1464.

REMARKS

1. AD Charges: All ACFT.
2. PPR.
3. Gliding OPS HJ, Weekends and Public Holidays (2300-0830 UTC).

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS Phone 08 6216 2608 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

05/23	60a	Unrated.	WID 30	RWS 90
14/32	50a	Unrated.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING
RWY 05/23 LIRL(1) AFRU+PAL 127.8
(1) Manual on REQ. LGT Laterally spaced at 50M.
RWY edge light spacing: 05/23: 90M.

OTHER LIGHTING
TWY LGT: Blue edge for taxiing on RWY 14/32 SW of RWY 05/23.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 120.3 3000FT

RADIO NAVIGATION AND LANDING AIDS
NDB CUN 293 313730.3S 1171326.5E Range 140 (HN 85)

LOCAL TRAFFIC REGULATIONS
RWS 14/32 and RWS 05/23 width reduced to 60M during gliding OPS. All ACFT parked outside 60M RWS edge.

FLIGHT PROCEDURES
Instrument approaches are not AVBL to CAT C ACFT during specified periods.

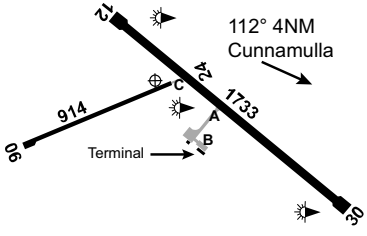
CTAF - AFRU 127.8

ADDITIONAL INFORMATION
Gliders monitor 122.7 MHz.

CHARTS RELATED TO THE AERODROME
1. WAC 3351, 3462.
2. Also refer to AIP Departure and Approach Procedures.

CUNNAMULLA ELEV 630

AVFAX CODE 4106



QLD UTC +10 YCMU
280148S 1453720E VAR 9 DEG E CERT
AD OPR Paroo Shire Council, PO Box 75, Cunnamulla, QLD, 4490. PH 07 4655 8400. ARO 4655 1777: AH 0427 551 732. Fax 4655 1647.

REMARKS
This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES
2130-0630 UTC MON-FRI, AH 2HR PN.
Phone 07 4655 8400, AH 0427 551 732. JET A1, AVGAS and O125.

AERODROME OBSTACLES
1. BCST mast 131 MAG, 5NM from AD 857FT. Unlit.
2. Unlit COM TWR, PSN 280252.8S 1454030.0E APRX 825FT AMSL, BRG 102 DEG MAG/ 2.93NM FM ARP. Infringes COS by APRX 20FT.

PHYSICAL CHARACTERISTICS
06/24 059 30a Unrated. WID 18 RWS 90
12/30 121 57a Unrated. WID 30 RWS 150

AERODROME AND APPROACH LIGHTING
RWY 06/24 PTBL(1) BY PRIOR ARRANGEMENT
RWY 12/30 LIRL(2) AFRU+PAL 126.7 SDBY PWR AVBL
(1) PN
(2) SDBY PWR 15MIN PN.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 124.8 9000FT

RADIO NAVIGATION AND LANDING AIDS
NDB CMU 218 280205.2S 1453725.5E Range 90 (HN 80)

Information may be continued on the next page: PTO

LOCAL TRAFFIC REGULATIONS

All ACFT in excess of 5,700KG are required to use RWY THR turning nodes for all turning on RWY 12/30.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Bird and animal hazard exists.

CHARTS RELATED TO THE AERODROME

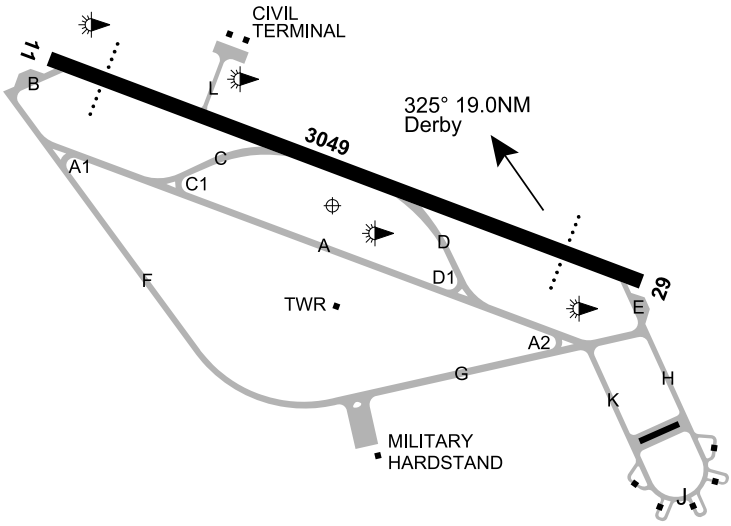
1. WAC 3356.
2. Also refer to AIP Departure and Approach Procedures.

CURTIN — ELEV 300

AVFAX CODE 6901

WA		UTC +8	YCIN
173453S	1234942E	VAR 2 DEG E	MIL

AD OPR Department of Defence (13SQN), PO Box 536, Derby, WA, 6728. Mobile 0427 792 669.



REMARKS

1. All ACFT require H24 PN. Support REQ are to be advised to caretaker, Phone 08 9193 9719 or MOB 0427 792 660 (AH). RAAF Darwin Airbase Operations Centre, MIL SIG Addressee RAYIUB/DAR ABOC, Phone 08 8923 8888.
2. International RAAF flights are not to plan to enter Australia through Curtin without prior approval of Department of Customs and Australian Quarantine and Inspection Service (AQIS), except in an emergency.
3. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

RAAF caretakers: Phone 08 9193 9719 or AD OPR MOB. F34.
LTD fuel AVBL due Defence fuel installation there is a greater than 7 days turnaround on large fuel order RQMNTS.

APRONS AND TAXIWAYS

Civil terminal APN and TWY L PCR 210/F/B/1.75 MPa/U. APN marked for F28 and BA46 ACFT only.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS PH 08 6216 2609 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

11/29	109	100a	PCR 435/F/B/X/T Central 23M only. 100(328) each end concrete.	WID 45	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 11/29	MIRL	PAL 120.35		SDBY PWR AVBL
RWY 11/29	PAPI(1)	PAL 120.35	3.0 DEG48FT	SDBY PWR AVBL

(1) Limited, not AVBL beyond 2.5NM during HJ. RWY 11 PAPI reduced light intensity HN. RWY 29 PAPI intensity fixed to RWY intensity, unable to be reduced HN. For information CTC Site Manager PH: 0427 792 669.

AD OPR to be advised with 24HR PN for all civil OPS. Civil APN floodlighting switched by Caretaker. Contact 08 9191 0999 BH, H24 Mobile 0418 922 415 or 0408 011 433.

OTHER LIGHTING

TWY LGT: Green CL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.1 On ground
APP	CURTIN APPROACH	261.4
ATIS	CURTIN	316.3
SMC	CURTIN GROUND	264.6
SMCV	CURTIN GROUND	259.3
TWR	CURTIN TOWER	118.3 257.8

MIL ATC COMS and ATIS AVBL when CTR active.

RADIO NAVIGATION AND LANDING AIDS

DME	CIN	114.3/ 90X	173519.5S	1235106.7E	(1)
VOR	CIN	114.3	173519.6S	1235107.2E	
TAC	CTN		173440.7S	1234945.4E	(2)

(1) Antenna ELEV 342FT.

(2) PTBL FAC ACT as RQ by MIL authorities. Channel assignment and ACT by NOTAM.

LOCAL TRAFFIC REGULATIONS

1. ACFT with ACN ABV 21 shall make 180 turns at RWY ends only.
2. TWY A, F and G are marked and can be lit as RWY. They are not to be used as RWY, except in an EMERG.
3. Transport and maritime ACFT to use service APN.
4. ACFT parking on APN between TWY H and TWY K subject to approval, restrictions apply.
5. Civil ACFT use TWY/APN facilities N side of RWY at W end.

FLIGHT PROCEDURES

1. **REMOTELY-PILOTED AIRCRAFT SYSTEM (RPAS)**

1.1. All RPAS requests and enquiries are to be sent to adf.airspace@defence.gov.au with at least 5 business days PN. OPS are subject to MIL OPS and may be restricted or cancelled at any time.

2. RPT ACFT may conduct straight-in approaches.
3. For special procedures which apply to the Horizontal Falls, see *ERSA GEN - SPECIAL PROCEDURES*.

CTAF - AFRU 126.7

Outside TWR HR.

ADDITIONAL INFORMATION

Bird and kangaroo hazard exists.

CHARTS RELATED TO THE AERODROME

1. WAC 3223.
2. MIL Aerodrome Obstruction Chart Type A: NOV 2024.
3. Refer to AIP Departure and Approach Procedures.

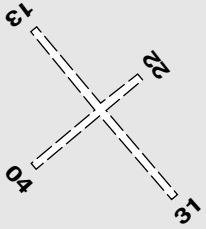
Information may be continued on the next page: PTO

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DALBY

ELEV 1137

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YDAY
270919S 1511602E VAR 11 DEG E UNCR
AD OPR Western Downs Regional Council, PO Box 551, Dalby, QLD, 4405.
Email: info@wdrc.qld.gov.au. PH 07 4679 4000. ARO 0487 010 207:
0487 712 039: 0437 735 919.

REMARKS

AD and Avdata charges apply.

HANDLING SERVICES AND FACILITIES

IOR Aviation: JET A1 and AVGAS 100LL AVBL H24. Payment method via IOR Aviation tag for account holders or via the Fuelcharge APP.
PH 1300 457 467.

PASSENGER FACILITIES

TX/LG/WC/ME.

AERODROME OBSTACLES

Lit radio mast (4QS), 720FT AGL bearing 048DEG MAG 2.4NM FM AD.

PHYSICAL CHARACTERISTICS

04/22	30c	5700 kg Unrated. Gravel. RWY LEN 914M	WID 18	RWS 90
13/31	42a	5700 kg Unrated. Sealed. RWY LEN 1268M	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 13/31 LIRL AFRU+PAL 126.7 SDBY PWR AVBL

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 121.2 On ground

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

1. Gliding OPS HJ, JF. Gliders operate WI RWS.
2. Hang gliding aerotow in operation when double white cross is displayed. SFC-3,600FT.
3. Ultralight OPS and training are carried out at AD.
4. Bird and animal hazards exist.
5. AD OPR requires CTAF broadcast for all ACFT ground and approach movements.

CHARTS RELATED TO THE AERODROME

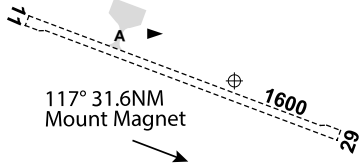
WAC 3340.

DALGARANGA MINE

ELEV 1448

AVFAX CODE 6033

WA UTC +8 YDGA
274947S 1171859E VAR 0 DEG W CERT
AD OPR Ramelius Resources Ltd, Level 13, 58 Mounts Bay Road, Perth, WA, 6000.
Email: dal-hs@rameliusresources.com.au. ARO H24 0459 874 585.



REMARKS

1. PPR FM AD OPR.
2. AVBL MON to FRI 0700-1700 Local.
3. 120 MIN PN, AD Manager PH 0459 874 585.
4. PRKG by prior arrangement with AD OPR.
5. Day VMC OPS only.

Information may be continued on the next page: PTO

HANDLING SERVICES AND FACILITIES
Nil Fuel AVBL.

AERODROME OBSTACLES
Unlit Mast HGT 1,575FT AMSL BRG 355 DEG MAG, 422M FM ARP.
Note: this is not an infringement on the transitional surface, it is 4 metres below.

PHYSICAL CHARACTERISTICS
11/29 111 52c PCR 110/F/A/Y/T Gravel WID 30 RWS 90

AERODROME AND APPROACH LIGHTING
EMERG lighting AVBL with 90MIN PN.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 124.8 Circuit Area

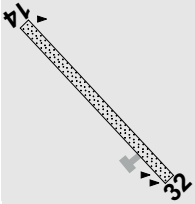
LOCAL TRAFFIC REGULATIONS
1. RWY 11/29: All fixed wing ACFT must make MAX RAD turns at MNM speed at all RWY ends to avoid SFC damage.
2. All fixed wing ACFT to use idle power for movements on the APN with the exception of breakaway thrust to initiate taxi. ACFT that cannot comply with this restriction must advise the AD OPR prior to departure.

CTAF 126.7

ADDITIONAL INFORMATION
Intermittent Blasting 1.2NM BRG 297 DEG MAG FM ARP.

CHARTS RELATED TO THE AERODROME
WAC 3346.

DARLOT **ELEV 1513**
FULL NOTAM SERVICE NOT AVBL



WA UTC +8 YDLO
275225S 1211618E VAR 1 DEG E UNCR
AD OPR Darlot Mining Company Pty Ltd, PO Box 628, West Perth, WA, 6872.
PH 08 9080 3500: 08 9080 3425 BH. ARO 08 9080 3520 H24.
ARO AH 08 9080 3428. Fax 08 9080 3409.

REMARKS
Restricted OPS: PPR from AD OPR.

HANDLING SERVICES AND FACILITIES
JET A1 - Private Installation - Contact ARO.

AERODROME OBSTACLES
1. Unlit Mast, 1,755FT, 155MAG/3,120M FM ARP.
2. Fences exist parallel to RWY and cross the take off inner edge.
   a. RWY 14 fence:
      2,029M FM RWY SOT, 77M L of RCL, 2FT ABV CWY;
      2,029M FM RWY SOT, 83M R of RCL, 7FT ABV CWY;
   b. RWY 32 fence:
      2,029M FM RWY SOT, 78M L of RCL, 2FT ABV CWY;
      2,029M FM RWY SOT, 77M R of RCL, 4FT ABV CWY.

PHYSICAL CHARACTERISTICS
14/32 65c Unrated. Gravel. RWY LEN 1,969M. WID 30 RWS 150
Slope 0.01% down to NW.

AERODROME AND APPROACH LIGHTING
RWY 14/32 PTBL(1) BY PRIOR ARRANGEMENT
(1) Emergency only - 60MIN PN - Contact ARO

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 118.95

CTAF - AFRU 126.5
AFRU signal not AVBL on ground Darlot.

CHARTS RELATED TO THE AERODROME
WAC 3345, 3352.

DARNLEY ISLAND

ELEV 220

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YDNI
93444S 1434649E VAR 5 DEG E UNCR
AD OPR Torres Strait Island Regional Council, PO Box 7336, Cairns, QLD, 4870. PH 07 4034 5700. ARO 0447 585 868 (H24).

REMARKS
Restricted OPS: PPR from AD OPR.

AERODROME OBSTACLES
1. RWY 10/28 transitional SFC infringed by terrain.
2. Inner HZS infringed by terrain and COM mast - OBST lights not provided.

PHYSICAL CHARACTERISTICS

10/28	16a	Unrated. Sealed. RWY LEN 500M.		WID 18	RWS 60

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	120.3 5000FT

FLIGHT PROCEDURES
For special procedures which apply to Torres Strait biosecurity requirements, see ERSA GEN - SPECIAL PROCEDURES.

CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3097.

Information may be continued on the next page: PTO

DARWIN

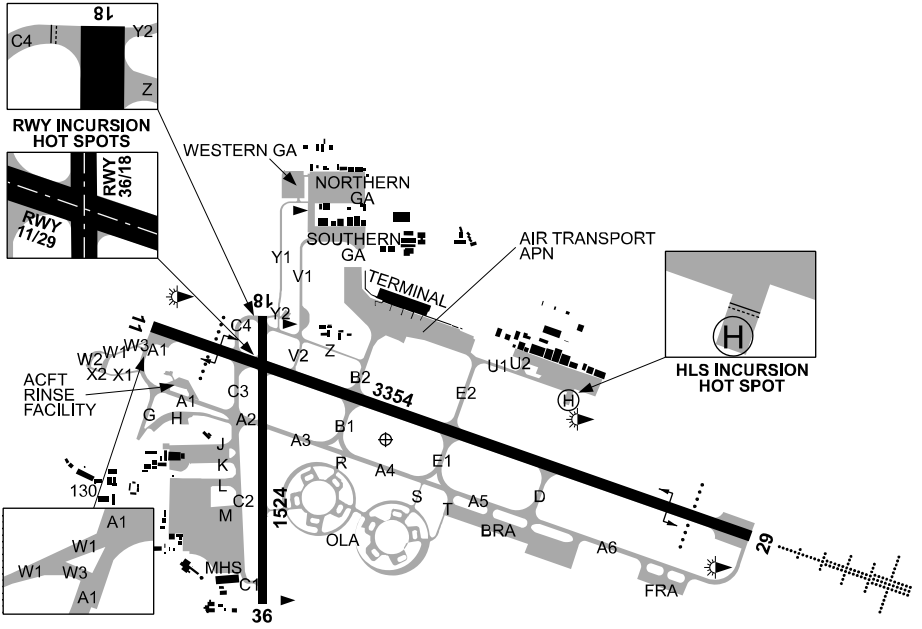
ELEV 103

AVFAX CODE 8001

NT UTC +9:30 YPDN

122453S 1305236E VAR 2 DEG E JOINT

AD OPR Darwin International Airport Pty Ltd (DIA), PO Box 40996, Casuarina, NT 0811. RAAF Base Darwin, Winnellie, NT, 0820. PH Civil 08 8920 1811 (ADMIN HJ): OPS 0402 088 145 H24: MIL 08 8923 8888. Website: Civil www.darwinairport.com.au.



REMARKS

1. Access to the RPT terminal not available to itinerant aircraft without PN.
2. AD Charges: All civil ACFT, copies of Conditions of Use can be obtained from civil AD OPR or website.
3. PPR for civil and foreign MIL ACFT transiting RAAF Darwin from Airbase Operations Centre. 72HR PN.
4. Civil airport H24. MIL AD H24, CTC ABOC PH: 08 8923 8888, email: dar.abcp@defence.gov.au for HN OPS.
5. The Air Transport APN is a Security Restricted Area. Identification authorised by civil AD OPR must be worn by all personnel not accompanied by an approved airside escort
6. This AD is a Security Controlled Airport.
7. OPR must confirm Ground Support Equipment (GSE) AVBL with ground handling services prior to unscheduled operations.

HANDLING SERVICES AND FACILITIES

Civil Airport

AIR BP/SHELL JET A1 (Air Transport APN), Hydrant Bays 1 to 8, 21 to 25: H24.
Phone 08 8945 2655, 0458 093 833. AH 0458 093 833, 0410 060 730.
Viva Energy Australia Pty Ltd: JET A1 Tanker Refuelling H24 (Air Transport, HEL and GA Aprons, excluding Western GA): Phone 0409 889 236, Office 08 9194 7701 (0800-1600 Local MON-FRI).
AVGAS Tanker Refuelling 0500-1600 Local (Air Transport, HEL and GA Aprons, excluding Western GA): Phone 0438 450 038.
Viva and BP AVGAS Bowser H24 Northern GA Apron. Enquiries 0530-1700 Local 0438 450 038, 1700-0530 Local 0409 889 236.

MIL air movements/base duty crew AVBL 2030-1030 UTC, OT 72HR PN, subject to Air Base Executive approval. CTC ABOC PH: 08 8923 8888, email: dar.abcp@defence.gov.au.
Jet Aviation Australia – FBO Services H24 Civil and MIL ACFT. Phone OPS H24 +61 466 026 706. Email: drwfbo@jetaviation.com VHF 135.95 CS 'Jet Aviation'.
Pearl Flight Centre – Full FBO services, fuel sales and VIP facilities. MEDEVAC, Customs, Immigration and Biosecurity services AVBL H24 with 2HR PN for Civil and MIL ACFT. Short/long-term hangarage (subject to availability) and apron PRKG AVBL on private apron, direct ACFT and vehicle access. Apron and hangar are located off TWY U2.
H24 OPS: +61 434 124 740. Email: pfc@pearlflightcentre.com.au.

PASSENGER FACILITIES

N GA Apron terminal: LG/WC
Domestic and International terminal: PT/TX/HC/BU/AC/LG/RF/WC/ME

RESCUE AND FIREFIGHTING SERVICES

1. CAT 8 H24.
2. 131.0 MHz AVBL H24. Request via ATC.

APRONS AND TAXIWAYS

1. TWY C PCR 810/C EXC TWY C1 S of MHS PCR 200/F/C.
2. Military Hard Stand (MHS) PCR 810/C.
3. Central Light Duty Apron (Bay 3A) PCR 200/C.
4. GA aprons PCR 101/F/C/0.69 MPa/U.

SURFACE MOVEMENT GUIDANCE

1. RWY 11/29 DIST to run markers (lit) from 9,000FT.
2. RWY 29 and 36 LAHSO DIST to go signs 900M, 600M and 300M.

AERODROME OBSTACLES

1. Unlit lightning rod on Fire Station tower 152FT AMSL BRG 327 DEG MAG 0.33NM FM ARP. Infringes TNS by 3.4FT.
2. Lit:
   a. Anemometer 139FT AMSL BRG 278 DEG MAG 0.25NM FM ARP. Infringes TNS by 17.8FT.
   b. GP antenna 128FT AMSL 310M FM SOT RWY 29 and 148M right of CL. Infringes the 5% plane of RWY 11/29 flyover area by 33FT.
   c. Control tower 264FT AMSL BRG 039 DEG MAG 0.42NM FM ARP. Infringes inner HZS by 22FT.
   d. LGT TWR 112FT AGL PSN 122441.28S 1305301.98E.
3. Unlit mast 121FT AMSL PSN 122437.58S 1305145.86E. Infringes TNS by 1.6FT.
4. For information regarding obstacles CTC AD OPR.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, TAF3 H24, AD WRNG, WS WRNG.
2. AWIS PH 08 7922 2503 - Report faults to BoM.
3. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM MWO 08 8920 3814.
4. RWY condition code AVBL via digital ATIS or on request.

Information may be continued on the next page: PTO

PHYSICAL CHARACTERISTICS

11/29	107	110a	PCR 810/F/C/X/T C5A B747. Grooved. 91M concrete ends RWY 11 and RWY 29 ungrooved.	WID 45	RWS 300
18/36	178	50a	PCR 200/F/C/1.05 MPa/U N of TWY A PCR 810/F/C/X/T	WID 30	RWS 90

ARRESTING GEAR

RWY 11	BAK 12/14 (R)(B) 410 (1,345)	--------	BAK 12/14 (R)(B) 465 (1,525)	RWY 29

1. **BAK 12/14 Hookcable** RWY 11 and 29
   a. Recessed bi-directional BAK 12/14 hookcables INSTL 410M (1,345FT) FM THR RWY 11 and 465M (1,525FT) FM THR RWY 29. Marked by yellow disks. DIST BTN cables 2,479M (8,133FT) no crossing RESTR in down PSN. Steel sheave/CONC kerb 31CM High, 14.7M FM RWY side stripe. When in OPR PSN, pit hatch lids 13.7M FM edge graded strip infringe the 5% plane of RWY 11/29 fly-over area by 2.7FT. Air conditioner condenser eastern end, 19M from southern edge graded strip infringes the 5% plane of RWY 11/29 fly-over area by 0.2FT.
   b. NML OPR PSN:
      (i) Arrestable ACFT DEP - DEP end up, APCH end down.
      (ii) Arrestable ACFT ARR - DEP end down (DEP end up for EMERG, RWY wet or tailwind), APCH end down.
      (iii) Non-arrestable ACFT OPR - both ends down.

   Note: For all ACFT, arrestor system status will not be provided when in NM OPR PSN.
2. BAK 14 Hookcables will be bolted down unless requested for MIL OPS with 48 HRS PN. Hookcables when unbolted will be advised by NOTAM and will be in NML OPR PSN.
3. Maintenance conducted on a regular basis, refer to NOTAM for details.
4. When RWY 11/29 THR displaced for BAK 12/14 hookcable maintenance, RWY not AVBL marked by lighted visual aids (trailer mounted illuminated vertical crosses) and 36M fabric cross.

AERODROME AND APPROACH LIGHTING

RWY 11/29	HIRL		SDBY PWR AVBL
RWY 11/29	MIRL		SDBY PWR AVBL
RWY 11	PAPI	3.0 DEG65FT	SDBY PWR AVBL
RWY 29	HIAL-CAT I		SDBY PWR AVBL
RWY 29	PAPI	3.0 DEG60FT	SDBY PWR AVBL
RWY 29	SFL		SDBY PWR AVBL

1. **ALS type and length**
   a. RWY 29 - distance coded CL: 900M.
2. RWY edge light spacing: 11/29: 59M (Longitudinal) 45M (Lateral).
3. RWY Guard Lights at all RWY/TWY intersections.
4. RWY 11/29 CL and TDZ LGT not provided.
5. RWY 18/36 are unlit. Only military ACFT or ACFT subject to an EMERG may OPR on RWY 18/36 during HN. RWY 18/36 is not visible from the TWR and TWR cannot guarantee the area is clear of obstructions.

OTHER LIGHTING

1. TWY LGT: Green CL. However, TWY C1, C4, V2, Y and Z west of TWY V are unlit.
2. Air Transport APN TXL LGT: Blue edge LGT S of Bays 2, 3 and 21, 22.
3. Safegate Visual Docking System Bays 1 to 5.
4. LGT signal 'ALDIS LGT' FM Control TWR restricted FM NE (BTN 030 to 090 DEG MAG) due to new TWR construction.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE		118.15
ACD	DARWIN DELIVERY		126.8 237.3
APP E/DEP	DARWIN APP E/DEP		125.2 305.5 (3)
APP W/DEP	DARWIN APP W/DEP		134.1 243.0 363.8 (2)
ATIS	DARWIN ATIS	(4)	128.25 308 316.2
DEP	DARWIN APPROACH		123.0 325.4
SMC	DARWIN GROUND		119.55S 121.8P 265.3
SMCV	DARWIN GROUND (VEHICLES)		119.55P 121.8S
TWR	DARWIN TOWER		133.1 243.0 257.8
VOLMET	AUSTRALIA		6676 (1) 11387 (1)

(1) H24, BCST 00 - 05 & 30 - 35. Refer AIP GEN 3.5.
(2) Darwin APCH provides ATS in CTA out to 40NM.
(3) Provides ATS in CTA FM 360 RDL THRU E to 180 RDL 0030-0830 UTC JO.
(4) ATIS also AVBL on phone 08 7929 4787.

1. RAAF ATC 08 7929 4816 (TWR), 08 7929 4817 (APP), email: dar.atc@defence.gov.au
2. FREQ 243.0 - Monitored H24. Test transmissions on voice and beacon on 243.0 will take place BTN 0100-0110 UTC every MON not exceeding 10 SEC duration.
3. Automatic retransmit FAC exists BTN FLW FREQ: 134.1/363.8; 125.2/305.5; 133.1/257.8; 123.0/325.4; 121.8/265.3; 126.8/237.3.
4. When ATS are not AVBL in DN CTR/CTA due to emergency evacuation of the ATC facility or other emergency, TIBA procedures apply frequency 126.35 MHz. Mandatory broadcast procedures as detailed in *AIP GEN 3.3* also apply frequency 133.1 MHz. Notification will be via 'all stations' broadcasts and ATIS.

RADIO NAVIGATION AND LANDING AIDS

NDB	BGT	308 (RWY11)	122423.9S	1305125.3E	Range 50 (HN 50)	(3)
TAC	DAR	112.4/ 71X	122447.1S	1305300.4E		(4)
DME	DN	112.6/ 73X	122523.8S	1305422.8E		(2)
VOR	DN	112.6	122523.8S	1305423.3E		(1)
DME	IDN	109.7/ 34X (RWY29)	122501.2S	1305332.0E		(6)
GP	IDN	333.2 (RWY29)	122501.4S	1305331.9E		
ILS	IDN	109.7 (RWY29)	122430.8S	1305145.7E		
LOC	IDN	109.7 (RWY29)	122430.8S	1305145.7E		(5)

(1) 283/1.8
(2) 283/1.8 - Antenna ELEV 129FT.
(3) 109/1.3 to ARP.
(4) 255/0.4 to ARP.
(5) 110/0.9 to ARP.
(6) Antenna ELEV 94FT.

LOCAL TRAFFIC REGULATIONS

1. RWY INCURSION HOTSPOTS:
   a. RWY 18/36 and TWY C4.
   b. Intersection of RWY 11/29 and 18/36.
   c. ACFT must not vacate/enter onto the crossing RWY without ATC approval.

2. 180 DEG turns for ACFT ABV 100,000KG only permitted on THR RWY 11/29. B767 are exempt from this REQ due to their LDG gear configuration.
3. When THR RWY 11 displaced, unless operationally required, single engine ACFT can expect to depart RWY 29 FM TWY E2. Twin engine ACFT and ABV can expect to depart RWY 29 FM TWY D or A6.
4. New TWR constructed 15M E of current TWR, not commissioned. Observe current TWR for light signals.

Information may be continued on the next page: PTO

5. TAXIWAYS

a. TXL on S edge of Air Transport APN not AVBL to Code F ACFT.
b. TXL on southern edge of Air Transport APN behind Bay 3 not AVBL to B767 and ABV when A330-300 parked on Bay 3 unless marshaller present in CTC with SMC.
c. TWY Y1 and Y2 not AVBL to ACFT ABV 5,700KG and ABV 16M wingspan.
d. TWY V1 and Z not AVBL to ACFT ABV 22,000KG MTOW.
e. TWY V2 not AVBL to ACFT ABV 22,000KG MTOW and 24M wingspan.
f. TWY C4 not AVBL to ACFT ABV 22,000KG MTOW. Compass swing site established on TWY C4 marked at 30DEG MAG intervals. Details FM AD OPR.
g. TWY U1 not AVBL to ACFT ABV 60,000KG MTOW.
h. TWY U1 E of TWY U2 not AVBL to ACFT ABV 13,000KG MTOW, 23M wingspan and 18.9M rotor diameter.
i. TWY V passing bay is ADJ the ARFF station. Due noise and blast TWY V passing bay may only be used for pre-flight power checks not exceeding 3MIN. TWY C4 is the preferred location for all other engine ground running and testing with prior approval REQ from AD Operator. ACFT requiring high PWR runs at TWY C4 on headings other than 180DEG must seek approval from SMC. SMC may instruct ACFT to reduce to idle PWR when ACFT pass behind on ADJ RWY and TWY. TWY Y run-up bay AVBL all PWR settings wingspan MAX 15M.
j. TXL west of Bay 1 and behind Air Transport APN Bays 21 - 25 restricted to 36M MAX wingspan.
k. TWY G not to be used for night OPS unless approved by Darwin ABOC.

6. CIVIL APRONS

a. Civil AD OPR does not provide ACFT marshalling services. All requests for ACFT marshalling should be directed to the airlines or local operator by prior arrangement.
b. Prior PRKG approval is RQ for civil Air Transport APN. OPR of non-scheduled ACFT RQ PRKG on the Air Transport APN are RQ to obtain approval 24HR prior from Airport Coordination Australia (ACA) MON-FRI 2200-0530 UTC (1HR earlier during HDS). Phone +61 2 9313 5469, Fax +61 2 9313 4210, Email: slots@airportcoordination.org SITA HDQACXH. LDG charges apply and include PRKG. Refer to website.
c. PRKG on northern GA APN RESTR to ACFT with wingspan MAX 15M except by arrangement with Duty Operations Officer, Phone 0402 088 145. Email: dia.taoo@adgnt.com.au. Northern GA APN fully leased except for two set-down and loading positions Bays 162, 163 ADJ Waiting Room in SE corner MAX 30MIN occupation. Visitor PRKG AVBL on an opportunity basis at western GA APN ADJ TWY Y. HEL PRKG is not AVBL on GA aprons. All HEL must park at the E HEL apron. LDG and PRKG charges apply all ACFT. Refer to website for Conditions of Use.
d. Non-scheduled ACFT above 10,000KG MAUW using the Air Transport APN are RQ to align with the nose-in bay visual PRKG guidance markings.
e. Operators should check with their ground handling agent for push-back tow-bar availability. If a suitable tow-bar is not AVBL, operators are to carry an on-board tow-bar for their arrival.
f. The Air Transport APN fuel hydrants preclude cross-bay PRKG.
g. Operators will be liable for damage to property caused by prop-wash or jet blast from incorrectly parked ACFT.
h. PVT APN NW of TWY U2 OPR by Pearl Flight Centre. ACFT marshalling is RQ for all visiting ACFT. Requests for marshalling should be directed to Pearl Flight Centre by prior arrangement. PVT APN NE of TWY U2 OPR by Airnorth.
i. PVT aprons W side of HEL APN OPR by Top End Medical Retrieval Service, Careflight, RFDS and Police Air Wing.
j. SE corner Southern GA APN OPR by Jet Aviation. ACFT in excess of 22,000KG and up to 42,000KG may access Jet Aviation APN via TWY Z and V1 with prior pavement concession and approval from the AD OPR.
k. B767 ACFT for parking Bay 21 required to be marshalled to the disconnect point in the taxilane abeam Bay 1, shut down and towed onto Bay. On departure, ACFT to be pushed back tail west to the push-back limit line then towed forward to the disconnect point abeam Bay 1.

7. MILITARY APRONS

EO class 1.1, 1.2 must be off loaded from ACFT PRKG overnight.

8. SURVEY FLIGHTS

a. ACFT conducting SVY within DN CTR or CTA must CTC ATC for approval with at least 7 days PN.
b. OPR are to email AWK maps and flight details including timings, levels, FLT CAT, ACFT type and registration to dar.atc@defence.gov.au prior to contacting ATC on phone 08 7929 4817.
c. OPS preferred on SAT or SUN.
d. Image capture of Defence establishments prohibited IAW *Defence Act 1903*. Further information AVBL CTC DAR ABOC email: dar.abcp@defence.gov.au.

9. TRAINING FLIGHTS

a. Circuit and INSTR TRNG in the DN CTR/CTA require prior ATC approval. For INSTR TRNG CTC APP, PH 08 7929 4817. For circuit TRNG CTC TWR, PH 08 7929 4816.
b. INSTR APCH to a non-duty RWY can expect delay.
c. Jet or turboprop ACFT above 25,000KG MTOW and all MIL jet (fighter and strike type ACFT) shall maintain RWY HDG until at circuit ALT or, for RWY 29, established over water. Circuit ALT (AMSL):
   (i) MIL Jet 2,000FT,
   (ii) Jet 1,500FT,
   (iii) PROP 1,000FT,
   (iv) HEL 1,000FT.
   Note: DN circuit area is defined as the lateral confines of DN CTR plus DN CTA C1 as defined in the DAH.

10. IFR TRAINING AREA

a. IFR training may be conducted in the North Eastern Training Area (NETA). The abbreviation NETA may be used as a remark in field 18 when flight planning.
b. The lateral limits of the NETA are: DN 360R-050R; 15DME-30DME DN.
c. Vertical limits will be specified in the airways clearance.
d. PPR, CTC DN APP for approval on phone: 08 7929 4817.

11. EASTERN GRASS TRAINING AREA

a. The Eastern Grass Training Area is an area adjacent to the E HLS. The training area is to facilitate HEL hover OPS, particularly winching OPS. The area is bounded by drainage trenches to the N, E and S, and the E HLS to the W. Entry and exit to the area is via the E HLS at ATC discretion.
b. IWDI BRG 151 DEG MAG 114M FM E HLS.
c. PPR, CTC DN TWR for approval on phone: 08 7929 4816.

FLIGHT PROCEDURES

1. **ATC TRAFFIC MANAGEMENT SPEED**

   a. When **not** on a SID or STAR (including vectoring) - civil ACFT ARR or DEP DN must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.
   b. For MIL speed restrictions refer *FIHA AD2 SUPP DAR*.

2. All arriving VFR ACFT are to make first contact with Darwin ACD on 126.8/237.3 to pass details, including and estimate for YPDN and obtain SSR code. Those ACFT can EXP to be transferred to Darwin APCH to obtain AWY CLR when FLT notification and SSR allocation action is complete.
3. Circling to RWY 11/29 not approved unless the RWY lights are at stage 2 or higher.
4. VFR ACFT at or below 1,000FT AMSL HJ only.

   a. VFR ACFT arriving and departing Darwin CTR at or below 1,000FT AMSL contact TWR for arrival clearance, or SMC for departure airways and taxi clearance.
   b. Obtain departure airways clearance prior to taxi.
   c. Obtain arrival clearance prior to 10NM from Darwin.
   d. For departing helicopters, contact TWR for departure instructions/line-up/takeoff clearance.
   e. **Darwin Aviation Heritage Museum.** To ensure adequate separation with all ACFT arriving to and departing from RWY 11/29, HEL arriving to and departing from the Aviation Heritage Museum are required to remain S of the extended CL of TWY A at all times unless issued a clearance to/from a point N of TWY A or otherwise instructed by ATC.

Information may be continued on the next page: PTO

5. Due system limitations, pilots are to CTC Darwin Delivery for outbound airways clearance no earlier than 30 MIN prior to notified EOBT.
6. Arriving ACFT RWY 36 during Lee Point parachute drop area activation.
   a. When arriving RWY 36 for a visual approach and Darwin APP has advised Lee Point drop area is active, in the event of a go around, TWR will issue tracking instructions or a requirement to hold south of Casuarina Square Shopping Centre.
   b. In the event of a radio failure during a go around RWY 36, hold south of Casuarina Square Shopping Centre in right hand patterns, listen out on ATIS and/or voice modulated NAVAIDS, look to the TWR for light signals.
7. LAHSO is used at Darwin on RWY 29 and RWY 36. See YPDN RDS for 'LDA for LAHSO' information.

8. LOW VISIBILITY OPERATIONS

8.1. LVP exist when RV is reported at 800M, and/or cloud ceiling is 200FT or less.
8.2. Secondary PWR switchover time: 1 SEC during LVP, 15 SEC OT.
8.3. HIAL, HIRL and SFL used in reduced visibility.
8.4. When VIS less than 800M, ATC will restrict vehicle movements to Airport Operations Officer (AOO) and ARFF.
8.5. When VIS between 800M and 550M no more than 3 ACFT on manoeuvring area; below 550M no more than 1 ACFT on manoeuvring area.
8.6. AOO will conduct RV assessments.
8.7. For CASA approved operators, RWY 11/29 capable of supporting takeoffs with RV not less than 550M.

9. **REMOTELY PILOTED AIRCRAFT SYSTEM (RPAS)**

9.1. All RPAS requests and enquiries are to be sent to 452sqndar.rpas@defence.gov.au with at least 5 business days PN. OPS are subject to MIL OPS and may be restricted or cancelled at any time.

Caution: UA (Multicopter up to 104KG) OPR HJ MON-FRI, SFC to 150FT AGL, WI 250M of PSN BRG 123 DEG MAG 3.23NM FM ARP.

10. **HELICOPTER CODED CLEARANCES AND OPERATING REQUIREMENTS**

10.1. Talc Head - Inbound

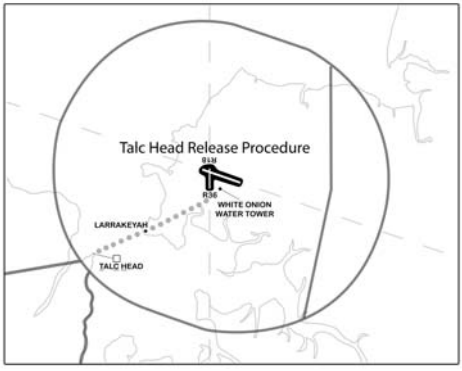
TR Talc Head (TCH) direct Larrakeyah not above 2,500FT; thence TR direct White Onion Water Tower (WOW) (white tower south and east of runway intersection); requirement to reach not above 1,000FT west of centreline RWY 18/36 and then hold at WOW until directed by ATC.

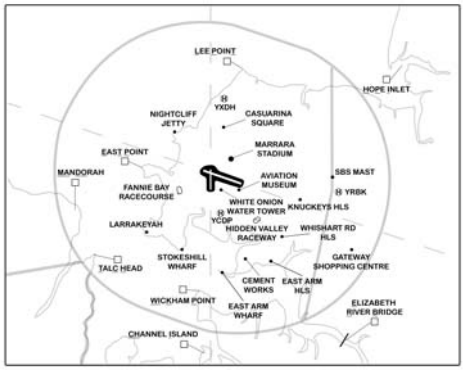
10.2. Talc Head - Outbound

TR as directed by ATC to the White Onion Water Tower (WOW) (white tower south of runway) not above 1,000FT thence direct Larrakeyah; established west of centreline RWY 18/36 climb to not above 2,500FT; thence direct Talc Head (TCH).

Refer to diagrams below for TALC Head Route and common tracking features. Refer to DAH for exact airspace dimensions.

TALC HEAD ROUTE AND COMMON VISUAL TRACKING FEATURES





11. **FIXED WING AND CODED CLEARANCE AND OPERATING REQUIREMENTS**

ATC may clear VFR ACFT on a visual approach via 'MARRARA DOWNWIND RWY 11' or 'MARRARA DOWNWIND RWY 29' coded clearance, e.g. "ALPHA BRAVO CHARLIE, CLEARED VISUAL APPROACH VIA MARRARA DOWNWIND [RWY 11 or RWY 29]".

11.1. **Visual Approach to Marrara Downwind RWY 11**

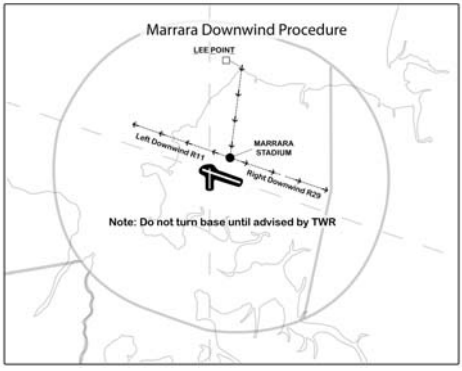
ACFT are to TR via Lee Point (LPT) to Marrara Stadium, thence from Marrara Stadium enter and maintain a left downwind RWY 11. ACFT shall maintain downwind and await ATC instruction on when to turn base for RWY 11.

11.2. **Visual Approach Marrara Downwind RWY 29**

ACFT are to TR via LPT to Marrara Stadium, thence from Marrara Stadium enter and maintain a right downwind RWY 29. ACFT shall maintain downwind and await ATC instruction on when to turn base for RWY 29.

Refer associated diagram for a depiction of the Marrara Downwind Visual Approach Procedure. Refer to DAH for exact airspace dimensions.

MARRARA DOWNWIND VISUAL APPROACH PROCEDURE



12. **VFR FLIGHT PLANNING**

Flight notification acceptance by radio is subject to ATS workload. VFR operations in Darwin Class C airspace should flight plan prior to departure. Failure to do so may result in lengthy delays. VFR ACFT departing and arriving DN, with the exception of YDLV, YMKT and those with destinations on Bathurst and Melville Islands, are required to flight plan via a DN VFR route. VFR route selection should be based on the DN radial to the destination or departure aerodrome (if inbound), and in accordance with the applicable tables below:

Information may be continued on the next page: PTO

OUTBOUND VFR				
ROUTE	POINTS			RADIAL
VFR 1	LPT	JAC	CGR	270-044
VFR 2	LPT	JAC	ADRM	045-104
VFR 3	CHI	LAD	ADB	105-133
VFR 4	CHI	LAD	MTD	134-179
VFR 5	CHI	BYNO	-	180-269
INBOUND VFR				
ROUTE	POINTS			RADIAL
VFR 1	CGR	JAC	LPT	270-044
VFR 2	ADRM	JAC	LPT	045-104
VFR 3	ADB	LAD	CHI	105-133
VFR 4	MTD	LAD	CHI	134-179
VFR 5	-	BYNO	CHI	180-269

NOISE ABATEMENT PROCEDURES

1. Unless cleared via a SID, all JET and TURBOPROP ACFT above 25,000KG are to maintain RWY heading until 2,000FT AMSL, and;
   a. RWY 11 - 2DME(GPS)/3TAC BTN 2030-1230 UTC;
   b. RWY 11 - 7DME(GPS)/8TAC BTN 1230-2030 UTC;
   c. RWY 29 - 5DME(GPS)/3TAC.
2. All jet and turboprop ACFT ABV 5,700KG (EXC designated Quiet jets) arriving FM the W to land RWY 29, or arriving from the E to land RWY 11, can expect radar vectoring N of built up areas or S OW, HN.
3. DEP MIL fighter/strike ACFT refer FIHA AD2 SUPP DAR.
4. Also Refer AIP DAP.

ADDITIONAL INFORMATION

1. Possibility of WS/TURB on short final for all RWYs.
2. Bird hazard exists in RWY strip areas as follows:
   a. Whistling Kite, Bush Stone-Curlew, Masked Lapwing and Nankeen Kestrel present all year round.
   b. Black Kite, present in greater numbers APR to OCT, and may be present NOV-APR if monsoon is late.
   c. Australian Pratincole present in greater numbers APR to OCT.
   d. Oriental Plover and Little Curlew present in greater numbers SEP to NOV.
   e. Oriental Pratincole present in greater numbers NOV to MAR.

   Species specific NOTAM will be issued during periods of increased activity.
3. The FLW Rifle Ranges are in the Darwin CTR, ACT for all ranges is indicated by R flags.
   a. BRG 050 1.0NM FM ARP.
   b. BRG 140 6.0NM FM ARP.
4. Pilots of ACFT entering or exiting DN CTR to the SE are to be aware of the close proximity of YMKT AD to the CTR boundary, and make the appropriate broadcasts on CTAF 127.1.
5. CAUTION: High velocity gas plumes located Bladin Point BRG 156 MAG 6.7NM FM AD, WI 0.5NM radius of 123112S 1305506E, H24.
6. MIL HEL low level OPS WI 150NM of ARP formation ACFT using LGT enhancing devices and may not display external visual LGT.
7. CAUTION: Model ACFT OPR at East Point (ETP) SFC to 400FT AGL 270/2.9NM FM ARP.
8. MIL L-Band radar is in operation at 122457S 1305144E. Possible avionics interruptions/ errors WI 150M BLW 500FT AMSL.
9. Ground running of engines on all aprons requires prior approval from AD OPR PH 0402 088 145 and notification to SMC. Engine Ground Running Plan AVBL from AD OPR.
10. Weather balloon launch APRX 2315 and 1115 UTC. Launches may occur at other times.

11. UA (fixed wing up to 25KG and 3M wingspan) OPR HJ MON-FRI, SFC to 2,000FT AMSL OCTA, WI 2.72NM of PSN BRG 102 DEG MAG 15.3NM FM ARP. Refer YBBB NOTAM for contact.
12. Model aircraft may be flying WI 500M RAD of PSN BRG 048 DEG MAG 2.7NM FM ARP (Darwin Model Flying Club), SFC - 400FT AGL.
13. HEL OPR on TWY U1 to exercise caution due LGT TWR obstacle.

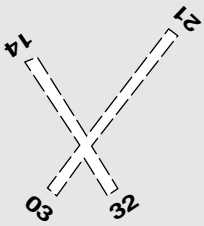
CHARTS RELATED TO THE AERODROME

1. WAC 3109.
2. Aerodrome Obstruction Chart Type A (RWY 11/29 only): 14th Edition (June 2024).
3. Precision Approach Terrain Chart RWY 29 (April 2017).
4. MIL Aerodrome Obstruction Chart Type A: November 2024.
5. Also refer to AIP Departure and Approach Procedures.

DAVENPORT DOWNS

ELEV 312

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YDPD
240844S 1410644E VAR 7 DEG E UNCR
AD OPR Davenport Pastoral Co., Davenport Downs Station, PMB via Winton, QLD, 4735. PH 07 4657 3033.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.4 12500FT

CTAF 126.7

ADDITIONAL INFORMATION

Possibility of horses on AD.

CHARTS RELATED TO THE AERODROME

WAC 3342.

DEGRUSSA

ELEV 1823

AVFAX CODE 6618



WA UTC +8 YDGU
253327S 1191715E VAR 1 DEG E CERT
AD OPR Sandfire Resources Ltd, DeGrussa Copper Mine, PO Box 1495, West Perth, WA, 6872.
Email: degrussa.administration@sandfire.com.au. ARO 0448 016 347.

REMARKS

Prior permission must be obtained at least 72HR before OPS. CTC 'Site Senior Executive' Phone: 0448 016 347.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL.

AERODROME OBSTACLES

1. Lit COM mast 1,897FT AMSL PSN 253307.0S 1191516.0E.
2. Cranes unmarked and unlit:
   a. 2,085FT AMSL, OPR WI 500M radius of PSN 253247.0S 1191936.0E.
   b. 2,088FT AMSL, OPR WI 250M radius of PSN 253228.0S 1191951.0E.

PHYSICAL CHARACTERISTICS

09/27 088 63a PCR 210/F/A/Y/U Sealed WID 30 RWS 150

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING

RWY 09/27 LIRL PAL+AA 120.15
RWY 09/27 PAPI PAL+AA 120.15 3.0 DEG49FT
RWY edge light spacing: 09/27: 58.5M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 122.6
UNICOM DEGRUSSA BASE 126.7 (1)
(1) AVBL for scheduled movements.

LOCAL TRAFFIC REGULATIONS

1. All incoming flights CTC ARO via UNICOM for PRKG allocation.
2. ACFT ABV 5,700KG MTOW to use RWY ends for 180DEG turns.

CTAF 126.7

AFRU at Plutonic. AFRU not heard on ground at DeGrussa.

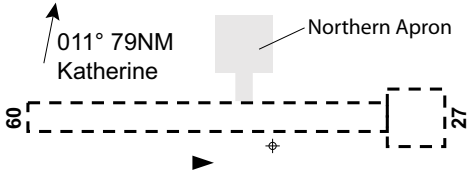
CHARTS RELATED TO THE AERODROME

1. WAC 3346.
2. Also refer to AIP Departure and Approach Procedures.

DELAMERE RANGE FACILITY — ELEV 730

AVFAX CODE 8026

NT UTC +9:30 YDWF
154449S 1315510E VAR 3 DEG E MIL
AD OPR RAAF, AFTRSQN Delamere Weapons Range, RAAF Base Tindal, NT, 0853.
PH General enquiries 08 8977 0570.



REMARKS

1. Aerodrome HJ operations only.
2. OPS service FREQ 119.3 (CS, Delamere OPS).
3. CIV ACFT (excluding EMERG ACFT) shall not plan to use YDWF.
4. EMERG ACFT are to CTC Delamere Watchkeeper (AD OPR) for any usage, including planned, short notice or EMERG.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 08 7922 2504 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

09/27 088 37c Unrated. Red gravel and clay. WID 34
1. Suitable for B200 and C130.
2. C130 movements LTD wet WX.
3. RWY 09/27: full length to be used for deceleration due loose unbound aggregate APRX 10-30MM depth for majority of RWY length and change in SFC conditions (50M of no wearing course) APRX 250M FM THR RWY 27.
4. Airfield marker pattern 2 (day) AVBL O/R, CTC AD OPR. Orange panels at THR, cerise panels at TDZ.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.6 On ground

CTAF 126.7

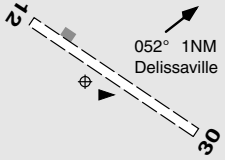
CHARTS RELATED TO THE AERODROME

WAC 3109.

DELISSAVILLE

ELEV 112

FULL NOTAM SERVICE NOT AVBL



NT		UTC +9:30	YDLV
123304S	1304112E	VAR 2 DEG E	UNCR

AD OPR Belyuen Community Government Council Inc, CMB 18, Darwin, NT, 0801. Email: dave.ferguson@belyuen.nt.gov.au.
PH Workshop BH 08 8978 5420. Council PH BH 08 8978 5071.

REMARKS

1. PPR - due to poor mobile phone coverage, email is the preferred method of contact.
2. AD Charges: all ACFT

PASSENGER FACILITIES

Telephone facilities not AVBL.

AERODROME AND APPROACH LIGHTING

1. PTBL EMERG only.
2. Solar LGT comes on automatically in HR of darkness.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	118.15 On ground

FLIGHT PROCEDURES

Right hand circuits required when OPR RWY 12 for noise abatement.

CTAF 126.7

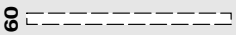
CHARTS RELATED TO THE AERODROME

WAC 3109.

DELTA DOWNS

ELEV 50

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YDLT
165930S	1411900E	VAR 5 DEG E	UNCR

AD OPR Morr Morr Pastoral Co Pty Ltd, via Normanton, QLD, 4890.
PH 07 4745 3433. Fax 07 4745 3408.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	118.6 Circuit Area

CTAF 126.7

CHARTS RELATED TO THE AERODROME

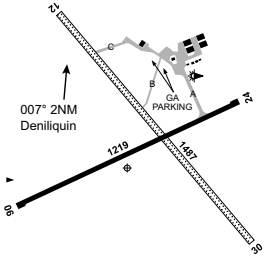
WAC 3220.

Information may be continued on the next page: PTO

DENILIQUIN

ELEV 316

AVFAX CODE 3060



NSW UTC +10 YDLQ
353334S 1445647E VAR 11 DEG E CERT
AD OPR Edward River Council, PO Box 270, Deniliquin, NSW, 2710. PH 03 5898 3000. ARO 0447 223 620:
Airport MGR 03 5898 3035.

REMARKS

AD Charges: Itinerant ACFT - NIL, Regular users - Annual fee.

HANDLING SERVICES AND FACILITIES

Field Air: PH 03 5881 2667, AH 0429 935 448. AH call-out fee $80. MC and V credit cards AVBL. JET A1.
Aero Refuellers: PH 0413 003 808. AVGAS H24 (Aero Refuellers Carnet, MC, V, Credit/Debit Cards) AVBL.

PASSENGER FACILITIES

PT

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 02 9353 6418 - Report faults to BoM.
3. AWIS FREQ 133.20 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

06/24	055	40a	PCR 100/F/D/0.58 MPa/T	WID 30	RWS 150
12/30	130	49c	Unrated. Grassed brown silt clay	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 06/24 LIRL(1) AFRU+PAL 119.0 SDBY PWR AVBL
(1) HN
RWY edge light spacing: 06/24: 60M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 118.6 4,500FT

LOCAL TRAFFIC REGULATIONS

Turning nodes 45 each end of RWY.

FLIGHT PROCEDURES

1. All movements - Right hand circuit pattern RWY 06 on LDG or after TKOF.
2. Right hand circuit pattern RWY 12 on LDG or after TKOF.

CTAF 119.0

ADDITIONAL INFORMATION

Bird hazard exists.

CHARTS RELATED TO THE AERODROME

1. WAC 3457.
2. Also refer to AIP Departure and Approach Procedures.

DENMARK

ELEV 230

FULL NOTAM SERVICE NOT AVBL



WA UTC +8 YDEK
345645S 1172350E VAR 2 DEG W UNCR
AD OPR Shire of Denmark, PO Box 183, Denmark, WA, 6333.
PH 08 9848 0300, Airstrip PH 08 9848 1334 untended.
PH AH EMERG call centre 08 9848 0300.

HANDLING SERVICES AND FACILITIES

No fuel at airport. Air BP AVGAS and JET A1 AVBL H24 card bowser at Albany, 20NM East.

PASSENGER FACILITIES
WC in terminal building, door lock code same as CTAF FREQ.

AERODROME OBSTACLES
1. Unlit wind turbine 634FT AMSL PSN 350207.59S 1171906.99E APRX 6.5NM SSW of YDEK
2. Unlit wind turbine 614FT AMSL PSN 350213.00S 1171915.52E APRX 6.5NM SSW of YDEK

PHYSICAL CHARACTERISTICS
09/27 40a Unrated. Sealed. RWY LEN 1,204M. WID 15 RWS 44
DTHR RWY 09 & RWY 27 55M. Turn pads each end 28M WID.
Slope first 200M 1.75% up to W.

AERODROME AND APPROACH LIGHTING
RWY 09/27 LIRL PAL+AA 120.6
No SDBY PWR AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 123.9

LOCAL TRAFFIC REGULATIONS
ACFT greater than 2,000KG make wide radius turns while on RWY, no pivot turns.

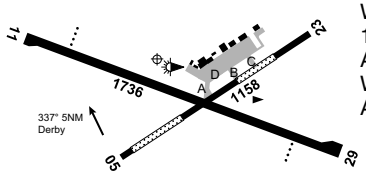
CTAF 127.85
Shared with Albany Airport 20NM to E, AFRU at Albany.

ADDITIONAL INFORMATION
1. Hills to the W, not lit.
2. AD used as forward base for aerial water bombers in event of regional bushfires. Use caution, park on grass during water bomber OPS.

CHARTS RELATED TO THE AERODROME
WAC 3462.

DERBY
ELEV 24

AVFAX CODE 6902



WA UTC +8 YDBY
172212S 1233938E VAR 2 DEG E CERT
AD OPR Shire of Derby/West Kimberley, PO BOX 94, Derby, WA, 6728. Email: sdwk@sdwk.wa.gov.au. PH 08 9191 0999. ARO H24 0408 011 433. PH AH AD MGR 0418 922 415.

HANDLING SERVICES AND FACILITIES
Recharge Fuels: H24 AVGAS bowser. JET A1 by prior arrangement only. Call-out fees apply outside of normal business hours. Phone 0456 051 988.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 08 6216 2610 - Report faults to AD OPR.
3. AWIS FREQ 135.5 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS
05/23 055 38c 5700 kg/0.55 MPa Red gravel. Sealed 88M SW end; 186M NE end and 323M in centre WID 18 RWS 90
11/29 109 57a PCR 250/F/A/Y/T WID 30 RWS 90

AERODROME AND APPROACH LIGHTING
RWY 11/29 LIRL(1) AFRU+PAL 126.7 SDBY PWR AVBL
RWY 11/29 PAPI AFRU+PAL 126.7 3.0 DEG51FT SDBY PWR AVBL
(1) MAN ACT by AD OPR. H24 PN required. CTC AD OPR

Information may be continued on the next page: PTO

OTHER LIGHTING
TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 122.1 On Ground

RADIO NAVIGATION AND LANDING AIDS
NDB DBY 332 172124.6S 1234001.1E Range 50 (HN 50) (1)
(1) 200/1.0 to ARP

LOCAL TRAFFIC REGULATIONS
Tie downs have not been tested in accordance with *MOS Part 139, chapter 21*.

FLIGHT PROCEDURES
For special procedures which apply to the Horizontal Falls, see *ERSA GEN - SPECIAL PROCEDURES*.

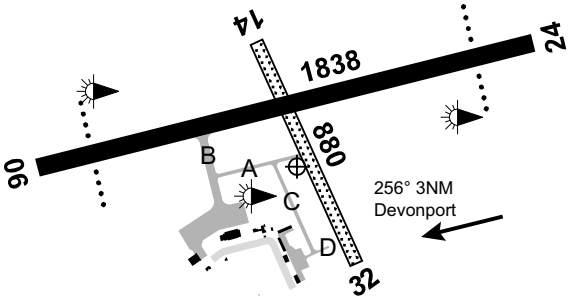
CTAF - AFRU 126.7

ADDITIONAL INFORMATION
Bird and animal hazard exists. Inspections AVBL with 60MIN PN. Charges may apply.

CHARTS RELATED TO THE AERODROME
1. WAC 3223.
2. Also refer to AIP Departure and Approach Procedures.

DEVONPORT ELEV 33

AVFAX CODE 7003
TAS UTC +10 YDPO
411011S 1462549E VAR 14 DEG E CERT
AD OPR Tasmanian Ports Corporation Pty Ltd, PO Box 478, Devonport, TAS, 7310.
PH +61 408 341 814.



REMARKS
1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport.
3. High-VIS reflective vest or approved equivalent Personal Protective Equipment (PPE) must be worn in all airside areas.
4. A clearly displayed and valid Australian Security Identification Card (ASIC) must be worn when airside.
5. Visiting aircrew must always maintain control of all PAX when airside.

HANDLING SERVICES AND FACILITIES
World Fuel Services: H24 AVGAS bowser. H24 overwing/underwing JET A1 bowser. JET A1 tanker AVBL DLY 0600–1800 Local - 30 MIN PN. AH call-out fee may apply - 60 MIN PN. WFS carnet card, V and MC credit card via Compac Pay smartphone APP. Phone 0417 397 828.

PASSENGER FACILITIES
HC/LG/PT/RF/WC/TX.

AERODROME OBSTACLES

1. Communications TWR 69FT AGL BRG 240 MAG 221M FM ARP fitted with red OBST LGT Infringes TNS by 30FT.
2. Wind indicators:
   a. 30FT AGL BRG 275 MAG 720M FM ARP fitted with red OBST LGT Infringes TNS by 23FT.
   b. 30FT AGL BRG 052 MAG 660M FM ARP fitted with red OBST LGT Infringes TNS by 29FT.
3. Vegetation:
   a. BRG 261 MAG 1,312M FM ARP Infringes APCH SFC by APRX 12FT.
   b. BRG 264 MAG 1,200M FM ARP Infringes APCH SFC by APRX 15FT.
   c. BRG 251 MAG 1,590M FM ARP Infringes APCH SFC by APRX 1FT.
   d. BRG 254 MAG 1,520M FM ARP Infringes APCH SFC by APRX 8FT.
   e. BRG 267 MAG 1,060M FM ARP Infringes TNS SFC by APRX 1FT.
   f. BRG 265 MAG 1,120M FM ARP Infringes TNS SFC by APRX 11FT.
   g. BRG 270 MAG 1,000M FM ARP Infringes TNS SFC by APRX 5FT.
   h. BRG 240 MAG 3,300M FM ARP Infringes APCH SFC by APRX 35FT.
   i. BRG 070 MAG 4,300M FM ARP Infringes APCH SFC by APRX 60FT.
   j. BRG 148 MAG 1,540M FM ARP Infringes APCH SFC by APRX 2FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 03 6283 8600 - Report faults to BoM.
3. AWIS FREQ 133.225 (requires one-second pulse to activate) - report faults to AD OPR.

PHYSICAL CHARACTERISTICS

06/24	062	60a	PCR 290/F/C/Y/U Grooved	WID 45	RWS 300
14/32	142	29c	Unrated. Grass	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 06/24	LIRL	AFRU+PAL 122.3		SDBY PWR AVBL
RWY 06/24	PAPI	AFRU+PAL 122.3	3.0 DEG28FT	SDBY PWR AVBL

1. RWY edge light spacing: 06/24: 60M.
2. For manual activation of lighting contact ARO 0408 341 814.

OTHER LIGHTING

ABN	ALTN 8 WG	
HBN	OCC R	2 lights on RWY 24 approach.

1. SDBY PWR switchover time: 20 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	120.7 On Ground

LOCAL TRAFFIC REGULATIONS

1. Apron bays 1, 2, 3 and 4 not AVBL to non-RPT ACFT without prior approval from AD OPR.
2. RWY 06/24 turning restrictions: Pilots to use full RWY width when turning (no sharp turns).
3. HEL TKOF and LDG to and from RWY only.
4. Rotary ACFT must taxi to GA parking area. Emergency Services HEL are exempt.
5. All ACFT must make radio calls when in the circuit/CTAF area.
6. The GA APN is a shared fixed wing and rotary wing facility.
7. The grass/natural SFC area in front of the Sureflight hangar is AVBL for HEL parking. Use is entirely at ACFT PIC discretion. The AD OPR accepts no responsibility for OPS conducted on grass/natural SFC.
8. Bay 5 AVBL for refuelling ACFT (JET A1) only. Pilot to remain with ACFT.
9. Commercial operations: non-RPT freight handling, including loading, unloading, staging and associated ground support activities, are not permitted on RPT APN Bays 3, 4 and 5 or the GA APN without AD OPR approval. Charges apply. Refer TasPorts Schedule of Charges.

FLIGHT PROCEDURES

1. Right hand circuits RQ when OPR on RWY 24.
2. Landing RWY 14/32 limited to ACFT not ABV 5,700KG by day in VMC.

Information may be continued on the next page: PTO

CTAF - AFRU 126.9

VHF COM between aircraft on ground Devonport & Wynyard may not be AVBL.

Note: Due to communication difficulty between Devonport and Wynyard for ACFT on GND, pilots are encouraged to make calls airborne and/or on departure, as appropriate, on the CTAF to enhance self help TFC INFO.

ADDITIONAL INFORMATION

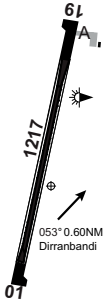
Bird and animal hazard may exist.

CHARTS RELATED TO THE AERODROME

1. WAC 3556.
2. Also refer to AIP Departure and Approach Procedures.

DIRRANBANDI **ELEV 567**

AVFAX CODE 4112



QLD UTC +10 YDBI

283518S 1481303E VAR 10 DEG E CERT

AD OPR Balonne Shire Council, PO Box 201, St George, QLD, 4487. PH 07 4620 8888. ARO 0428 258 386: 0428 258 997: 0492 273 881.

PASSENGER FACILITIES

WC.

AERODROME OBSTACLES

Lit Telstra TWR 1,233M FM RWY 01 SOT, 040DEG MAG, infringes inner HZS by 7M.

PHYSICAL CHARACTERISTICS

01/19	008	40a/c	Unrated. Natural red gravel, central 18M sealed, SFC U/S in wet WX.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 01/19 LIRL(1) PAL 119.6

(1) EMERG medical OPS only.

RWY edge light spacing: 01/19: 90M.

OTHER LIGHTING

1. SDBY PWR switchover time: Manually activated - 45 MIN notice required.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.95 700FT

CTAF 126.7

ADDITIONAL INFORMATION

Animal hazard exists.

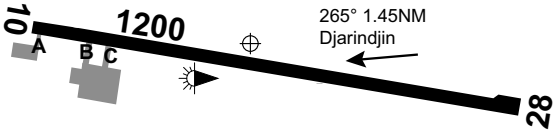
CHARTS RELATED TO THE AERODROME

WAC 3356, 3357.

DJARINDJIN/LOMBADINA ELEV 155

AVFAX CODE 6917

WA UTC +8 YLBD
163055S 1225525E VAR 1 DEG E CERT
AD OPR Djarindjin Airport Pty Ltd, PO Box 920, Broome, WA, 6725.
Email: supervisors@djarindjin.org.au. PH 08 9192 4940. AD MGR/ARO: 0418 791 019.
AD MGR: 0419 837 572. Website: www.djarindjinairport.com.au.



REMARKS
1. PPR HN.
2. AD charges: all ACFT.
3. Airside gate access codes AVBL FM Duty Supervisor (phone ARO).
4. PPR for all itinerant ACFT by email to ARO at least 48HR prior to arrival for parking allocation.

PASSENGER FACILITIES
WC/PT/LG/AC/RF

SURFACE MOVEMENT GUIDANCE
Drains located airside are not marked.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT B, METAR/SPECI.
2. AWIS FREQ 128.60 (requires one two-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS
10/28 104 39a Unrated. WID 18 RWS 80

AERODROME AND APPROACH LIGHTING
RWY 10/28 LIRL PAL 119.65 SDBY PWR AVBL
RWY 10/28 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG only. 45MIN PN.
RWY 10/28 edge light spacing: 60M.

OTHER LIGHTING
Standby PWR switchover time: 15 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 122.1

LOCAL TRAFFIC REGULATIONS
RWS not MNTN for ACFT OPS.

CTAF 127.2

CHARTS RELATED TO THE AERODROME
1. WAC 3223.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

DOCHRA

ELEV 228

AVFAX CODE 2038 **FULL NOTAM SERVICE NOT AVBL**

NSW		UTC +10	YDOC
323902S	1511229E	VAR 12 DEG E	UNCR

AD OPR Australian Army District Support Unit, Singleton, NSW, 2331.
PH Range Control 02 6575 0345. Training Area Manager 02 6575 0432: 0418 166 358.
Assistant Training Area Manager 02 6575 0346: 0417 497 443.

REMARKS

1. 48HR PN required from Range Control; Phone AD OPR or 0467 809 320.
2. Caution: This aerodrome is not subject to routine serviceability inspection or NOTAM advice of unserviceabilities. Additional aerodrome data is available from the contact telephone numbers above.
3. Prior to DEP, CFM FREQ RQMNTS - CTC range control Training Area Manager or Assistant Training Area Manager.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	125.7

LOCAL TRAFFIC REGULATIONS

ACFT manoeuvring restricted to southern end of airstrip where practicable.

FLIGHT PROCEDURES

Agency Range CTL (callsign 60A), FREQ 132.9 and FM FREQ 72.6 P. Call 10 MIN from entry into R564A and R564B. No entry to R564A and R564B without clearance from 60A.
CAUTION: NOTAM not issued.

CTAF 126.7

ADDITIONAL INFORMATION

1. Live firing may be in progress at any time with little or no warning.
2. MIL users consult *Airfield Survey Database* (airfield.surveyagency@defence.gov.au) for latest data.

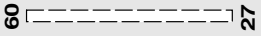
CHARTS RELATED TO THE AERODROME

WAC 3456.

DOCKER RIVER

ELEV 1931

FULL NOTAM SERVICE NOT AVBL



NT		UTC +9:30	YDVR
245130S	1290724E	VAR 3 DEG E	UNCR

AD OPR Docker River Community Council, Docker River, via Alice Springs, NT, 0871. PH 08 8956 7337. ARO 8956 7337: 8956 7708. Fax 8956 7338.

PASSENGER FACILITIES

Telephone facilities not AVBL.

AERODROME OBSTACLES

Hills located 180DEG MAG FM AD distance 0.5NM are approximately 1,302FT ABV as ELEV (See Special procedures).

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	121.85 9000FT

FLIGHT PROCEDURES

Right hand circuits required when operating on RWY 27.

CTAF 126.7

ADDITIONAL INFORMATION

Animal hazard exists on AD.

CHARTS RELATED TO THE AERODROME

WAC 3344.

DOLPHIN PLATFORM

ELEV 80

AVFAX CODE 9709 **FULL NOTAM SERVICE NOT AVBL**

VIC UTC +10 YUPA

382914S 1472239E VAR 13 DEG E UNCR

AD OPR ESSO Australia Pty Ltd., Garretts Road, Longford, VIC, 3851. PH 03 5143 4200.

REMARKS

1. Offshore oil and gas platform.
2. CASA approved operators only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 124.0

CTAF 129.75

ADDITIONAL INFORMATION

Dolphin Platform is part of the Bass Strait maritime security zone.

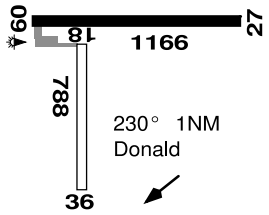
CHARTS RELATED TO THE AERODROME

1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

DONALD

ELEV 409

AVFAX CODE 3016



VIC UTC +10 YDOD

362137S 1430027E VAR 10 DEG E CERT

AD OPR Buloke Shire Council, PO Box 1, Wycheproof, VIC, 3527. PH 1300 520 520. Fax 03 5493 7395.

AERODROME OBSTACLES

1. Concrete tank 37FT ABV and 355M S of RWY 36 end RWY 18/36.
2. Lit Mast 628FT, 1,370M W of RWY 36 THR. Top 23FT unlit.

PHYSICAL CHARACTERISTICS

09/27	087	38a	5700 kg/0.45 MPa	WID 18	RWS 90
18/36	177	26c	Unrated. Grassed sand clay	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 09/27 LIRL PAL 125.1

RWY edge light spacing: 09/27: 89M.

OTHER LIGHTING

TWY LGT: Blue edge with amber at holding point.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.8 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION

Animal hazard (kangaroos) WI AD VCY.

CHARTS RELATED TO THE AERODROME

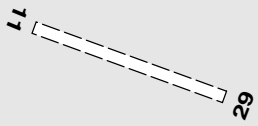
WAC 3469.

Information may be continued on the next page: PTO

DONNINGTON AIRPARK

ELEV 250

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YDOP
193606S 1465030E VAR 7 DEG E UNCR
AD OPR Doris I Smith, PO Box 10, Aitkenvale, QLD, 4814.
PH 0418 636 727 (OPS Manager): AH 07 4778 8726.

REMARKS
AD Charges: Landing $10. Parking $5 per day.

HANDLING SERVICES AND FACILITIES
MOGAS AVBL FM roadhouse (13KM FM AD) - transport and 20L drums AVBL with prior notice.

PASSENGER FACILITIES
WC/PT at hangars. Pilot lounge and transport to Townsville AVBL CTC AD OPR for details.

PHYSICAL CHARACTERISTICS
11/29 31c Unrated. Grass. RWY LEN 930M. WID 30 RWS 90

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 120.55 (Outside TL ATS HR) Circuit Area
FIA TOWNSVILLE APPROACH 126.8 (DRG TL ATS HR) Circuit area

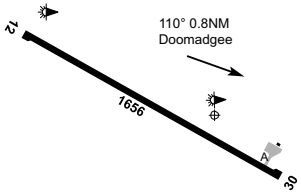
CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3219.

DOOMADGEE

ELEV 160

AVFAX CODE 4541



QLD UTC +10 YDMG
175613S 1384859E VAR 5 DEG E CERT
AD OPR Doomadgee Aboriginal Shire Council, Doomadgee, via Mount Isa, QLD, 4825. PH 07 3164 6279. ARO 0427 706 402. Fax 07 4745 8055.

REMARKS
1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport.
3. Alcohol is restricted in Doomadgee Shire. Heavy penalties apply. Special provisions apply for alcohol being transported on consignment, and restrictions may vary from time to time. Further information on alcohol restrictions is available by calling 13 QGOV (13 74 68) or at: https://www.datsip.qld.gov.au/programs-initiatives/community-alcohol-limits

HANDLING SERVICES AND FACILITIES
Nil fuel.

PASSENGER FACILITIES
PT (in terminal).

PHYSICAL CHARACTERISTICS
12/30 115 54a PCR 90/F/B/0.87 MPa/U WID 30 RWS 90

AERODROME AND APPROACH LIGHTING
RWY 12/30 LIRL AFRU+PAL 126.7 SDBY PWR AVBL BY PRIOR ARRANGEMENT
RWY edge light spacing: 12/30: 90M.

OTHER LIGHTING
1. SDBY PWR AVBL manually activated: 1HR PN.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 125.7 3000FT

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME
1. WAC 3220.
2. Also refer to AIP Departure and Approach Procedures.

DORUNDA STATION

ELEV 90

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YDOR
163315S 1414927E VAR 5 DEG E UNCR

AD OPR Gulf Coast Agricultural Company Pty Ltd, PMB 8, Cairns MC, QLD, 4870.
Email: contact@gulfcoast.com.au. PH 07 4745 3463. Website: www.gulfcoast.com.au.

REMARKS
1. AD charges: All ACFT.
2. PPR.

AERODROME OBSTACLES
1. Unlit mast 83FT AMSL.
2. Telstra phone TWR near homestead.

PHYSICAL CHARACTERISTICS
RWY 13/31 1,600M. WID 18M.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 118.6 3000FT

CTAF 126.7

ADDITIONAL INFORMATION
Cattle, pigs and wallabies on strip around dawn and dusk.

CHARTS RELATED TO THE AERODROME
WAC 3220.

DROUIN

ELEV 330

FULL NOTAM SERVICE NOT AVBL

VIC UTC +10 YDRN
381232S 1454946E VAR 12 DEG E UNCR

AD OPR Drouin Aviation Group, PO Box 270, Drouin, VIC, 3818. Email: cgrechcumbo@gmail.com.
PH 0417 692 066: 0418 586 320. Website: www.drouinaviation.org.au.

REMARKS
1. PPR FM AD OPR.
2. The following restrictions apply at the AD:
   a. No flight training, charter, airwork or HEL OPS.
   b. ACFT weight restricted to 1,140KG.
3. **Operating HR**
   a. MON-SAT: 0700-1900 Local.
   b. SUN and Public Holidays: 0900-1900 Local.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 123.35 On Ground

CTAF 126.7

Information may be continued on the next page: PTO

ADDITIONAL INFORMATION

1. Animal hazards (kangaroos, birds and stock) exist.
2. Grass areas adjacent to the strip can be soft after rain.
3. Fly neighbourly procedures are available on website.

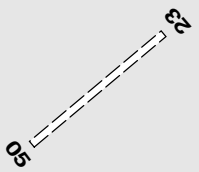
CHARTS RELATED TO THE AERODROME

WAC 3470.

DRYSDALE RIVER

ELEV 1180

FULL NOTAM SERVICE NOT AVBL



WA		UTC +8	YDRD
154247S	1262253E	VAR 2 DEG E	UNCR

AD OPR A.Koeyers, Drysdale River Station, PMB 9, Kununurra, WA, 6743. PH 08 9161 4326.

HANDLING SERVICES AND FACILITIES

Drum fuel only with prior arrangement.

PASSENGER FACILITIES

AC (At homestead).

AERODROME OBSTACLES

Telephone TWR at homestead.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.75 FL200

CTAF 128.0

CHARTS RELATED TO THE AERODROME

WAC 3108.

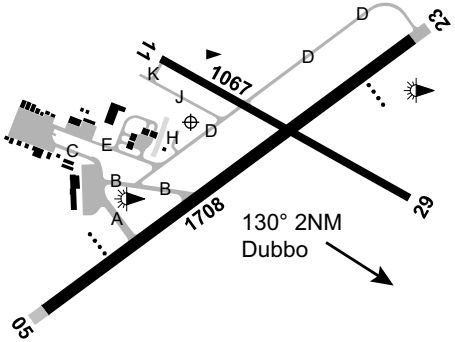
DUBBO

ELEV 935

AVFAX CODE 2215

NSW		UTC +10	YSDU
321300S	1483429E	VAR 11 DEG E	CERT

AD OPR Dubbo Regional Council, PO Box 81, Dubbo, NSW, 2830. PH 02 6801 4000. ARO 0417 717 871. Website: www.dubbo.nsw.gov.au.



REMARKS

1. AD Charges: All ACFT - Refer to Dubbo Regional Council's website.
2. This AD is a Security Controlled Airport.
3. PN for PJE required in writing, 30 days prior to date.
4. Hi-visibility reflective vest (or equivalent) must be worn when operating airside.

HANDLING SERVICES AND FACILITIES

AIR BP - Nicholls Aviation: H24 0419 767 200, 45MIN PN, call-out fee. JET A1 AIR BP Carnet. VIVA Energy Aviation. 24HR 7 Days 0700-1700. AVGAS and JET A1 tankers, AH 45MIN PN. Mobile 0407 708 066, Fax 02 6882 7522, 24HR AVGAS Card Swipe Bowser. VIVA Fuel2Sky fuel card and credit cards (V and MC).

PASSENGER FACILITIES

HC/PT/LG/RF PH 0403 227 827 AVBL 0530-2030 Local DLY. WC/TX H24.

APRONS AND TAXIWAYS

1. TWY C, D, E, J, K and GA aprons not AVBL to ACFT ABV 8,000KG MTOW.
2. TWY H not AVBL to ACFT ABV 5,700KG MTOW.
3. TWY A WID 23 Code C. AVBL to ACFT up to Code C.
4. TWY B AVBL to Code C ACFT. TWY B not AVBL to ACFT ABV 20,000KG MTOW. ACFT ABV 20,000KG to use TWY A.

AERODROME OBSTACLES

1. Pole 979FT AMSL 2,338M FM SOT RWY 23, 156M N of CL. Infringes TKOF SFC.
2. Groups of trees:
   a. 1,047FT AMSL 3,113M FM SOT RWY 23, 74M S of CL. Infringes TKOF SFC.
   b. 1,046FT AMSL 3,126M FM SOT RWY 23, 52M S of CL. Infringes TKOF SFC.
   c. 1,015FT AMSL 2,670M FM SOT RWY 23, 96M S of CL. Infringes TKOF SFC.
3. Communication towers (lit):
   a. 1,125FT AMSL 1,751M FM SOT RWY 11, 1,913M S of CL. Infringes inner horizontal SFC.
   b. 1,141FT AMSL 1,682M FM SOT RWY 11, 2,014M S of CL. Infringes inner horizontal SFC.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS PH 02 9353 6419 - Report faults to BoM.
3. AWIS FREQ 122.975 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	043	56a	PCR 190/F/C/1.10 MPa/U	WID 45	RWS 150
11/29	108	35a	PCR 30/F/C/0.60 MPa/U Sealed.	WID 18	RWS 90

RWY 05/23 - Sealed blast areas 60 X 45 at ends.

AERODROME AND APPROACH LIGHTING

RWY 05/23	LIRL	PAL+AA 121.3		SDBY PWR AVBL
RWY 05/23	PAPI(1)	PAL+AA 121.3	3.0 DEG46FT	SDBY PWR AVBL

(1) Left side.

RWY edge light spacing: 05/23: 60M.

OTHER LIGHTING

1. SDBY PWR switchover time: 9 SEC.
2. TWY LGT: Blue edge on A and B.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	123.9 On Ground

RADIO NAVIGATION AND LANDING AIDS

NDB	DU	251	321303.1S	1483332.7E	Range 90 (HN 70)	(1)

(1) 075/0.9 to ARP

Information may be continued on the next page: PTO

LOCAL TRAFFIC REGULATIONS

1. All ACFT must takeoff and land using sealed RWY only unless approved by AD OPR with PN required.
2. Grass PRKG AVBL for ACFT BLW 8,000KG MTOW BTN TWY C and E AVBL via TWY E only.
3. PRKG:
   a. Position 4 restricted to Code B ACFT or below. Parking restricted to 1HR only.
   b. Position 1 and 1A restricted to Code B ACFT or below. Parking restricted to RPT ACFT only.
   c. Position 2 and 3 restricted to Code C ACFT or below. Parking restricted to RPT ACFT only.
4. Due to RWY levels and obstructions, ACFT may not be sighted or heard via CTAF when on other runway ends.

CTAF - AFRU 134.0

ADDITIONAL INFORMATION

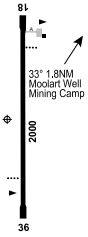
1. Bird and animal hazard (kangaroos and wallabies) exists.
2. Increased bird hazard (Kites) in VCY of AD from DEC to MAR.

CHARTS RELATED TO THE AERODROME

1. WAC 3456, 3457.
2. Also refer to AIP Departure and Approach Procedures.

DUKETON GOLD — ELEV 1770

AVFAX CODE 6115



WA UTC +8 YDKG
273607S 1222002E VAR 1 DEG E CERT
AD OPR Regis Resources Ltd, PO Box 862, Subiaco, WA, 6904.
Email: ARO: dgparo@regisresources.com. AD Manager: scox@regisresources.com.
ARO H24: 0456 649 886: 08 6500 9494. AD Manager: 0409 880 827.

REMARKS

Restricted OPS PPR.

HANDLING SERVICES AND FACILITIES

PRKG and ground handling by prior arrangement with AD OPR. JET A1 AVBL. CTC AD Manager/ARO.

AERODROME OBSTACLES

Lit masts:

a. 2,011FT AMSL BRG 138 DEG MAG 2.3NM FM ARP. Infringes inner HZS by 105FT.
b. 1,932FT AMSL BRG 130 DEG MAG 1.4NM FM ARP. Infringes inner HZS by 26FT.

PHYSICAL CHARACTERISTICS

18/36	179	66a	PCR 250/F/B/Y/T Grooved	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 18/36	PAPI(2)	3.0 DEG48.5FT	BY PRIOR ARRANGEMENT
RWY 18/36	PTBL(1)		BY PRIOR ARRANGEMENT

(1) EMERG only requires 60MIN PN to Mill Control PH: 08 6500 9494.
(2) Left side only. Manual activation of PAPI AVBL with 60MIN PN to Mill Control PH: 08 6500 9494

1. RWY edge light spacing: 18/36 58.8M (PTBL).
2. No mains PWR AVBL - PRI source of PWR is derived FM a generator.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	118.95
UNICOM	DUKETON GOLD	126.7

LOCAL TRAFFIC REGULATIONS

1. RWY 18/36: All fixed wing ACFT ABV 5,700KG must roll through to RWY end and make MAX RAD turns at MNM speed at all turning nodes to avoid SFC damage.
2. Itinerant PRKG CTC AD Manager/ARO.
3. All ACFT to follow APN markings.
4. All jet ACFT to use idle PWR for movements on the APN with the exception of breakaway thrust to initiate TAX. ACFT that cannot comply with this restriction must advise the AD OPR prior to DEP.

FLIGHT PROCEDURES

Right hand CCTS RWY 18.

CTAF 126.7

AFRU not AVBL.

ADDITIONAL INFORMATION

1. Blasting conducted at mine East of AD, contact ARO for times.
2. Increased bird activity (Plover and Bustard) on RWY 18/36 and RWS. Mostly active after rain.

CHARTS RELATED TO THE AERODROME

1. WAC 3345.
2. Also refer AIP Departure and Approach Procedures.

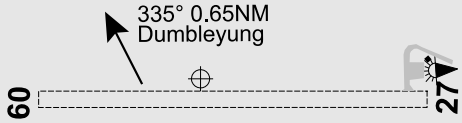
DUMBLEYUNG

ELEV 900

FULL NOTAM SERVICE NOT AVBL

WA		UTC +8	YDUM
331921S	1174438E	VAR 1 DEG W	UNCR

AD OPR Shire of Dumbleyung, PO Box 99, Dumbleyung, WA, 6350.
Email: ao@dumbleyung.wa.gov.au. PH 08 9863 4012. ARO AH 0428 641 041.



PASSENGER FACILITIES

AC (PH: 08 9863 4028).

AERODROME OBSTACLES

TWR 1,410FT AMSL, 060 DEG MAG 1.9NM FM ARP. Lit FLG R H24.

PHYSICAL CHARACTERISTICS

09/27 30c Unrated. Gravel. RWY LEN 900M. WID 21 RWS 60

AERODROME AND APPROACH LIGHTING

RWY 09/27 LIRL(1)

(1) Lighting manually activated.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.4

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3462.

Information may be continued on the next page: PTO

DUNBAR

ELEV 163
FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YDBR
160300S 1422400E VAR 6 DEG E UNCR
AD OPR The Manager, Dunbar Station, PMB 9, Cairns, QLD, 4871. PH 07 4060 3217. Fax 4060 3329.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.6 9000FT

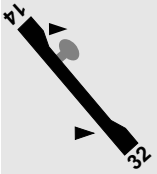
CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3220.

DUNK ISLAND

ELEV 20
FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YDKI
175615S 1460826E VAR 7 DEG E UNCR
AD OPR Family Islands Operations Pty Ltd, 112-118 Mulgrave Rd, Cairns, QLD, 4870. Email: adam@bondgroup.com.au. PH 0407 769 634.

REMARKS

1. Landing and parking fees apply to all ACFT except those carrying resort guests.
2. Restricted OPS: PPR FM AD OPR.

AERODROME OBSTACLES

1. RWY 14/32 transitional SFC infringed by trees on both side of the RWY.
2. Inner HZS infringed by hills to the E of AD. OBST lights not provided.

PHYSICAL CHARACTERISTICS

14/32 25 Unrated. Sealed WID 18 RWS 60

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 124.6 On Ground

LOCAL TRAFFIC REGULATIONS

ACFT DEP Dunk Island for Cairns that have obtained a Landing Slot Time from ATC will be processed more expeditiously.

FLIGHT PROCEDURES

Right hand circuits REQ when OPR RWY 14.

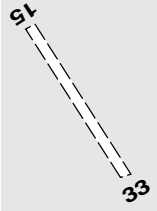
CTAF 132.9

CHARTS RELATED TO THE AERODROME

WAC 3219.

DUNWICH

ELEV 250
FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YDUN
273100S 1532542E VAR 11 DEG E UNCR
AD OPR North Stradbroke Airfield Pty Ltd, PO Box 29, Dunwich, QLD, 4183. Email: admin@bremer.net.au. PH Airfield Manager 0472 691 766: 0412 083 331: 0419 035 606. Website: www.ydun.com.au.

REMARKS

1. AD Charges apply - CTC AD OPR or refer to website.
2. Refer operational guidelines; AVBL on website.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL. Other services by prior arrangement, CTC AD OPR.

PASSENGER FACILITIES

AC (prior arrangement)/PT/TX/RF/WC.

AERODROME OBSTACLES
TWR on ridge line 120DEG/1,500M FM field, APRX 165FT AGL.

PHYSICAL CHARACTERISTICS
15/33 26c Unrated. Grass. RWY LEN 800M. Slope 1.5% down to N. WID 15

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 125.7 Circuit Area

LOCAL TRAFFIC REGULATIONS
1. Avoid rising ground to S of RWY 15.
2. HEL and ACFT circuit training not permitted at anytime.

FLIGHT PROCEDURES
Preferred landing RWY 15.

CTAF 126.7

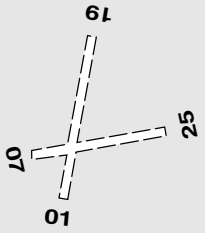
ADDITIONAL INFORMATION
1. Animal hazard (Kangaroo) exists on RWY at all times.
2. During times of strong winds, turbulence and windshear may be experienced in the circuit. Windshear can also exist on final.
3. Periodic high density traffic in vicinity.
4. All weather grass strip, use normal precaution for this type of RWY.

CHARTS RELATED TO THE AERODROME
WAC 3340.

DURHAM DOWNS

ELEV 380

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YDRH
270430S 1415400E VAR 8 DEG E UNCR
AD OPR S. Kidman & Co. Durham Downs Station, via Quilpie, QLD, 4480. PH 07 4655 4366.

REMARKS
0930-1630 Local JO. EST.

PASSENGER FACILITIES
Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 118.8 Circuit Area

CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3342.

DURRIE

ELEV 190

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YDRI
254105S 1401324E VAR 7 DEG E UNCR
AD OPR S. Kidman & Co, Durrie Station, via Birdsville, QLD, 4482. PH 07 4656 4944.

PASSENGER FACILITIES
Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 125.4 Circuit Area

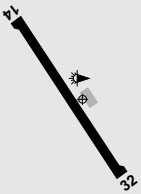
CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3342.

Information may be continued on the next page: PTO

DYSART **ELEV 682**

AVFAX CODE 4413 **FULL NOTAM SERVICE NOT AVBL**



QLD UTC +10 YDYS

223720S 1482150E VAR 8 DEG E UNCR

AD OPR Alyce Nielsen Air Services Pty Ltd, Level 34 Central Plaza, 345 Queen Street, Brisbane QLD, 4000. PH Nicholas Williams 07 3174 4816.

REMARKS

1. This AD is NOT a Security Controlled Airport.
2. AD not AVBL EXC for MED OPS ACFT.

PHYSICAL CHARACTERISTICS

14/32 51a Unrated. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 14/32 LIRL(1)

(1) EMERG only. PPR

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 128.55 Circuit Area

FLIGHT PROCEDURES

Right hand circuits RQ when OPR on RWY 32.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

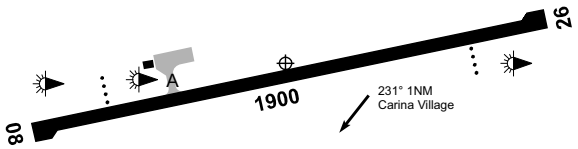
WAC 3234, 3235.

EAST JAURDI

ELEV 1448

AVFAX CODE 6114

WA UTC +8 YEJI
304610S 1201843E VAR 0 DEG E CERT
AD OPR Yilgarn Iron Pty Ltd, 12 Kings Park Rd, West Perth, WA, 6005.
Email: edgar@amsaustralia.com. PH AD MGR 0459 953 591.



REMARKS

24 HR PPR from AD Manager.

APRONS AND TAXIWAYS

TWY A WID 15M (3.5M shoulders).

AERODROME OBSTACLES

Illuminated WDI 1,480FT AMSL BRG 265 MAG 0.32NM FM ARP. Infringes transitional SFC.

PHYSICAL CHARACTERISTICS

08/26 079 62a Unrated. WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 08/26 LIRL AFRU+PAL 126.7
RWY 08/26 PAPI(1) AFRU+PAL 126.7 3.0 DEG49FT
(1) Left side. MAN activated - 150 MIN PN to ARO. Electricity supply is derived from a generator.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 123.4 to W
FIA MELBOURNE CENTRE 125.75 to E

LOCAL TRAFFIC REGULATIONS

1. From the TWY holding point, ACFT at THR RWY 26 may not be visible.
2. ACFT at THR RWY 08 and RWY 26 may not be visible to each other.
3. Radio procedures apply for notes 1 and 2.
4. ACFT ABV 5,700KG must complete LDG roll to RWY THR and use turning pads at each end of the RWY on arrivals and departure.
5. MAX radius turns to be used.

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3352.
2. Also refer AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

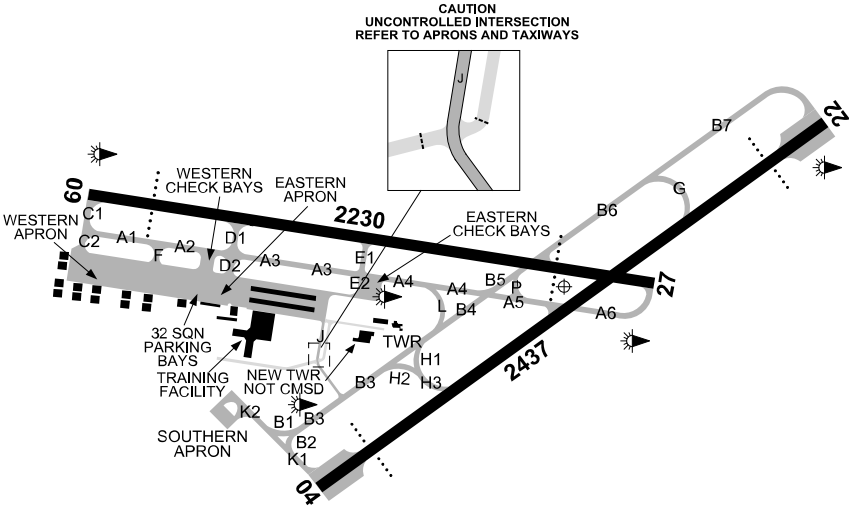
EAST SALE

ELEV 23

AVFAX CODE 3048

VIC		UTC +10	YMES
380556S	1470858E	VAR 13 DEG E	MIL

AD OPR RAAF, Airbase Operations Centre - RAAF Base East Sale, VIC, 3852.
Email: esl.aboc@defence.gov.au. PH 03 5169 9892. AH: CTC Contracted Aerodrome Operations Service Desk PH 0429 162 671 or SRY PH 0428 949 954.



REMARKS

1. AD NOT AVBL for general use – MILITARY EXCLUSIVE. PPR for all CIV OPS requesting landing and/or ground operations by written request to esl.aboc@defence.gov.au.
2. Visiting MIL ACFT planning to conduct INSTR APCH or circuit training at YMES should be planned during ATS HR (see CTAF-AFRU 118.3). 12HR PN RQ to enable deconfliction with local OPS. Phone ATC 03 5146 7221 or email esl.atc@defence.gov.au. ACFT intending to vacate runways, irrespective of intentions, or requesting ground handling services require 24HR PN to ESL ABOC.
3. ATS HR notified by NOTAM (R360/M301 Airspace Group - ESX). Outside ATS hours CTAF PROC apply. ATS may be ACT at short notice in support of MIL OPS, check YMES ATIS for status.
4. ATS Phone 03 5146 7221/03 5146 7214. Email esl.atc@defence.gov.au
5. All non-local MIL and CIV ACFT require 15MIN holding fuel during ATS hours – refer *Local Traffic Regulations*.

HANDLING SERVICES AND FACILITIES

Limited GSE AVBL contact ESL ABOC for availability.
Air Movements (MIL) AVBL on 03 5169 9616 (HS) or 0429 162 671 (OT).
PN F34, O128, O149, O156, H515, S748, MMX45, PRESAIR, E1, E4, E5, E6, E7, E11, E12.
Provision of refuelling to ADF units outside of standard OPR HR is subject to direct cost recovery of the service component (i.e. ex fuel cost) from the requesting unit.
Refuelling AVBL on 03 5169 8377 (HS) or 0460 937 607 (OT).
Aviation turbine fuel AVBL at East Sale contains synthetic blending components. ACFT not cleared to use aviation turbine fuels with synthetic blending components produced IAW American Society for Testing and Materials (ASTM) D7566 Annex A1 or A2, and certified to ASTM D1655 and Defence Standard 91 091, must not upload fuel at East Sale.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 5 2200-1200 UTC MON-THU, 2200-0500 UTC FRI (1HR earlier during HDS), OT and PH CAT 4.
2. ARFF vehicles carry water and foam but no significant quantities of complimentary agent as recommended by ICAO.

APRONS AND TAXIWAYS

1. ACFT with MAX wheel base greater than 18M restricted to RWY and TWY C. ADF C-17 operations exempt from wheel base limitations at discretion of ACFT operator.
2. TWY J not AVBL to ACFT with wingspan greater than 18M.
3. PCR Restrictions:
   a. TWY E2, TWY J, Eastern and Western check bays, and APN East of TWY D2, PCR 200/D.
   b. South-west corner of Western APN PCR 200/D, line marking in location denotes weight RESTR.
   c. RWY 22 THR Southern Operational Readiness Platforms (ORP) 5,700KG MAX - no PCR/D.
   d. All remaining airfield pavement PCR 520/D.
   e. Pavement concessions available FM ESL ABOC with 24HR PN.
4. Wind Direction Restrictions:
   a. When reported wind direction is BTN 030DEG MAG and 120DEG MAG, any ACFT which requires continuous running of engines, including but not limited to engine runs, is not to be conducted on the southern apron.
5. Uncontrolled INT: TWY J intersects with a vehicle access road. Carriage of a radio is not required by vehicles crossing at this INT. Watch for vehicles approaching FM both sides. Exercise caution DRG CTAF HR and DRG periods of low VIS.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI, TAF3 issued hourly AVBL during MO HR, AD WRNG, WS WRNG.
2. AWIS Phone 03 8470 3206 - Report faults to BoM.
3. AWIS FREQ 125.4 - Report faults to 0419 365 325 (H24).
4. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM Defence MET Office 03 9669 4975 when staffed. AH AVBL FM MWO 03 9669 4850.

PHYSICAL CHARACTERISTICS

04/22	041	80a	PCR 520/F/D/X/T		WID 45	RWS 230
09/27	086	73a	PCR 520/F/D/X/T		WID 45	RWS 230

AERODROME AND APPROACH LIGHTING

RWY 04/22	MIRL		SDBY PWR AVBL
RWY 04/22	PAPI	3.0 DEG49FT	SDBY PWR AVBL
RWY 09/27	MIRL		SDBY PWR AVBL
RWY 09/27	PAPI	3.0 DEG51FT	SDBY PWR AVBL

1. PAPI RWY 09/27 night azimuth restricted to 9 DEG either side of centre line.
2. AD LGT AVBL outside R360 HR of ACT, CTC “Base Fire” on 118.3 or Phone 03 5169 7060.
3. SDBY PWR switchover time: Up to 15 SEC.

OTHER LIGHTING

ABN ALTN 8 WG 380602.18S 1470825.76E - 064/0.4

1. TWY LGT: Green CL.
2. Eastern and western check bay LGT: Blue edge and green CL.
3. Southern APN floodlight towers. MAN activation via control switch at base of towers.

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE		124.0 On Ground when R360 deactivated.
ACC	SALE CENTRE		135.8 (5)
ACD	SALE DELIVERY		133.6P (1) (4) 134.1S (2)
APP	SALE APPROACH		123.3 340.2
ATIS	SALE ATIS	(3)	125.4 350
SMC	SALE GROUND		127.25
TWR	SALE TOWER		118.3 257.8 350

(1) For ACFT RQ clearance to DEP West Sale and ACFT RQ clearance to transit R360 or M301.
(2) For ACFT RQ clearance to DEP East Sale.
(3) ATIS also AVBL on phone 03 5169 7488. AWIS BCST on ATIS outside East Sale TWR HR. East Sale NDB 350 also transmits voice in EMERG to ACFT with COM failure.
(4) A/G FAC Sale Delivery 133.6 SDBY PWR not AVBL.
(5) If ACC and APP are combined CS Sale Approach.
1. ATS when R360/M301 ACT normally 2200-1200 UTC (2100-1100 UTC HDS) MON-THU, 2200-0400 UTC (2100-0300 UTC HDS) FRI. OT as required, check ESX NOTAM for details. SER provided by East Sale MIL ATC.
2. Automatic retransmit FAC exist BTN FLW FREQ: 123.3/340.2; 118.3/257.8.
3. FIA - COMS on ground subject to shielding. Flightwatch AVBL Phone 1800 814 931.
4. FREQ 243.0 - Guarded EMERG FREQ. Test transmissions 2200-2230 UTC (2100-2130 UTC HDS) JO.
5. SDBY PWR to FREQ re-broadcast system not AVBL during PWR outage, CTAF COM with Motorola equipped GND vehicles not AVBL.

RADIO NAVIGATION AND LANDING AIDS

NDB	ESL	350	380640.8S	1470934.4E	Range 120 (HN 90)	(1)
TAC	ESL	108.1/ 18X	380607.8S	1470916.0E		
DME	IEW	110.7/ 44X (RWY27)	380550.3S	1470901.0E		(3)
GP	IEW	330.2 (RWY27)	380550.2S	1470901.0E		
ILS	IEW	110.7 (RWY27)	380543.0S	1470730.6E		(2)
LOC	IEW	110.7 (RWY27)	380543.0S	1470730.6E		

(1) BRG 315/0.9NM to ARP.
(2) ILS critical area not protected during CTAF HR.
(3) Antenna ELEV 36FT.
1. All NAVAIDS Pilot monitored DRG CTAF HR.
2. DME and ILS operated by Defence. For all faults contact Navigation Aids Manager, Phone 03 5146 7294 or Duty Technician, Phone 0419 365 325.

LOCAL TRAFFIC REGULATIONS

1. New TWR construction 75M SW of current TWR.
2. New ATC TWR not CMSD observe old TWR for light signals.
3. Taxiing ACFT shall give way to ACFT vacating a RWY.
4. Unless otherwise directed, DEP ACFT transfer automatically FM TWR to APCH WI 2NM of upwind THR or 2,000FT, whichever occurs first.
5. Due to shielding by AD BLDG and FAC, TAX ACFT and GND vehicles may not hear all radio transmissions during CTAF. Pilots should visually check all RWY THR prior to entering RWY or commencing TKOF.
6. TWY A, B6, and RWY 04/22 north of RWY 09/27, and south of TWY G infringe ILS critical areas. TAX ACFT can EXP delay for ILS OPS during TWR HR.
7. **PRIORITIES**
   a. DRG ATS HR, priorities are applied IAW *AIP ENR 1.4*, except MIL activities may be given priority over other TFC.
   b. Priorities between conflicting MIL activities will be managed as per FIHA AD2 SUP ESL. Locally-based ACFT will typically receive priority over other MIL ACFT.

8. **NAT AND CIRCUIT TRAINING VISITING MIL ACFT**
   a. PPR - see *Remarks*.
   b. ACFT are REQ to OPR VFR when conducting circuit OPS and weather conditions permit.
   c. ACFT conducting continuous IFR circuit OPS or NAT may be restricted due to the proximity of the CIV AD at West Sale and Longford.
9. **ILS TRAINING CIVIL ACFT**
   a. Not permitted without prior approval FM East Sale ATC (Phone 03 5146 7221).
   b. Full stop and touch and go landing are not permitted without prior approval.
10. **AIR TRAFFIC SERVICES**
11. Class D ATS.
12. **OPERATIONAL READINESS PLATFORMS (ORP)**
   a. ORP WI RWS E and W of THR RWY 04 may contain vehicles or MIL ACFT at any time.
   b. ORP WI RWS E THR RWY 22 is weight limited to 5,700KG and may contain vehicles or MIL ACFT at any time.
   c. Turning node WI RWS W THR RWY 22 AVBL to ACFT upon request, MAX turn radius of 31.5M.

FLIGHT PROCEDURES

1. Right hand circuits RQ on RWY 04 and 27.
2. **ARR AND DEP.**
   a. MIL fast jets initial height is 1,500FT with a MAX speed of 350 knots. ACFT are not to overfly the base built up area during the initial run in and pitch.
   b. Instrument and visual approaches from West track in close proximity to YWSL (BRG260/8.7NM FM YMES ARP).
   c. R393 in close proximity to YMES circuit area, SID and INSTR APCH paths. Check ESX and YMES NOTAM for activation details.
3. **MILITARY AIRSPACE ACCESS PROCEDURES.**

3.1. CLEARANCES

Availability of clearances will be determined by MIL flying activity:

   a. IFR ACFT
      (i) Civil ACFT required to FPL IAW AIP Route Flight Planning Requirements when R360/M301 ACT.
      (ii) Pilot preferred FPR AVBL at or ABV FL160.
   b. VFR ACFT
      (i) When R360/M301 is active ACFT are to contact ACD on 133.6 MHz 10NM prior to the boundary for AWY clearance. Clearance is not required for transit through R360A via D354.
      (ii) D354 (VFR Transit Lane). Lateral limits approximately 1NM either side of the RAILWAY line Cowwarr - Heyfield - Maffra - Stratford - Lindenow South. Vertical limit SFC-1,500FT AMSL. Active in accordance with DAH. No air traffic services provided. Keep right of the railway/disused railway line. ACFT must monitor 126.7 MHz and broadcast at COWWARR and LINDENOW SOUTH compulsory en route reporting points.
      (iii) Princes Route expect a clearance NOT ABV 1,500FT.
      (iv) Other levels may be AVBL upon request.
   c. SURVEY AND AWK FLIGHTS
      (i) Survey and AWK flights within R360 and M301 subject to ATC workload and MIL traffic.
      (ii) Details of proposed flight including maps and at least dates, times, levels, flight category, ACFT type and registration must be provided to ATC 48HR prior to intended operation. Email: esl.atc@defence.gov.au. Submission of details does not assure flight will be approved.
      (iii) CTC ATC prior to take off. Phone 03 5146 7221.
      Note: Approval may be withdrawn at any time to afford MIL priority.
   d. NIL TRANSPONDER ACFT
      (i) All nil transponder ACFT must CTC ATC for approval – 24 HR PN REQ. CTC 03 5146 7221.
      (ii) Ongoing nil transponder operations are unlikely to be approved.

Information may be continued on the next page: PTO

4. REMOTELY PILOTED AIRCRAFT SYSTEM (RPAS) REQUESTS

a. All RPAS requests for operations within East Sale military restricted airspace are to be sent to the email address: esl.rpas@defence.gov.au.
b. All requests are to be made at least 3 business days prior to the proposed RPAS activity. Approval is subject to expected MIL OPS and may be restricted or cancelled at any time.
c. The following information shall be provided in the request email:
   (i) Operator details and contact information (primary and secondary phone and email).
   (ii) Date (with alternate if applicable).
   (iii) Time.
   (iv) RPAS Details (Type, weight and brief description).
   (v) Area of operations (AO) using LATLONG, feature, known location. Include a map screenshot if relevant.
   (vi) Operating height (FT AGL).
d. Separate approval is required for each RPAS operation. Letter of agreement may be available for enduring or complex operations.

CTAF - AFRU 118.3

1. CTAF procedures apply at YMES and YWSL outside R360 HR of ACT.
2. ESL ATIS 125.4 MHz or NDB 350 will notify status of R360 and M301 only.
3. In the event of an EMERG, ACFT are to declare EMERG on the area FREQ. When WI 15NM of East Sale, MIL ACFT may advise details to RFFS callsign “Base Fire” on 118.3 MHz.
4. CAUTION: High density local MIL OPS occur DRG CTAF HR.

NOISE ABATEMENT PROCEDURES

1. MIL fast jets OPR into or out of YMES shall avoid overflying Sale City.
2. MIL fast jets DEP RWY 27 shall MNTN RWY heading until passing 1,000FT.

ADDITIONAL INFORMATION

1. Significant large bird hazard exists up to 3,000FT around AD and adjacent wetlands. MAX hazards Spring and Summer.
2. Pistol Range BRG 202/7.2NM FM ARP. ACT is indicated by R flags.
3. Rifle Range APRX BRG 120/7.0NM FM ARP. ACT is indicated by R flags.
4. Model ACFT OPR SFC to 400FT AGL WI 500M radius of 380536.00S 1470306.00E APRX BRG 268 MAG 5NM FM AD.
5. CAUTION: MIL ACFT may conduct aerobatic or abrupt vertical manoeuvres within proximity of the AD (HJ).
6. CAUTION: There may be non RDO ACFT operating in the vicinity of YWSL when CTAF.

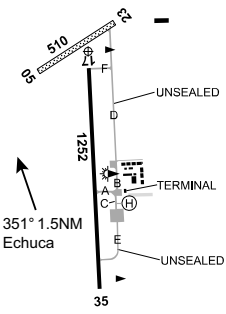
CHARTS RELATED TO THE AERODROME

1. WAC 3470.
2. MIL Aerodrome Obstruction Chart Type A: DEC 2024.
3. Also refer to AIP Departure and Approach Procedures.

ECHUCA

ELEV 323

AVFAX CODE 3017



VIC UTC +10 YECH
360926S 1444543E VAR 11 DEG E CERT
AD OPR Campaspe Shire Council, PO Box 35, Echuca, VIC, 3564.
Email: shire@campaspe.vic.gov.au. PH 03 5481 2200.
ARO 0417 976 318. Website: www.campaspe.vic.gov.au.

REMARKS

1. Landing fees apply. Details available on website (navigate to: Recreation and Events > Visit Campaspe > Echuca Aerodrome).
2. Main apron for emergency services aircraft only.
3. The wearing of high visibility clothing is mandatory except for escorted passengers.

HANDLING SERVICES AND FACILITIES

Echuca Aero Club: AVGAS and JET A1. H24. Requires smartphone with COMPAC PAY with either V or MC installed. No Carnet. CTC: 0408 322 398 or 0434 940 914.

AERODROME OBSTACLES

1. Tree 29FT AGL PSN 360915.4S 1444554.3E. Infringes OLS by 2FT.
2. Towers:
   a. 509FT AMSL PSN 360751.6S 1444503.3E. Infringes HZS by 43FT. Unlit.
   b. 497FT AMSL PSN 360731.5S 1444513.5E. Infringes COS by 13FT. Lit.

PHYSICAL CHARACTERISTICS

05/23	047	17c	Unrated. Grass.	WID 30	RWS 60
17/35	167	41c	Unrated.	WID 23	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 17/35 LIRL PAL+AA 122.8

OTHER LIGHTING

TWY LGT: Blue edge TWY A and B only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 126.8 Circuit Area

LOCAL TRAFFIC REGULATIONS

Code B ACFT restricted to central TWY and must backtrack RWY 17/35.

CTAF 119.1

ADDITIONAL INFORMATION

1. Bird hazard exists.
2. Moama (YMMO) 5.5NM N of RWY 17 THR.
3. Kangaroo hazard exists.

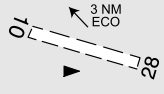
CHARTS RELATED TO THE AERODROME

1. WAC 3469, 3470.
2. Also refer to AIP Departure and Approach Procedures.

ECO BEACH

ELEV 6

FULL NOTAM SERVICE NOT AVBL



WA UTC +8 YECB
181924S 1220736E VAR 1 DEG E UNCR
AD OPR Eco Beach Resort, PO Box 2695, Broome, WA, 6725.
Email: reception@ecobeach.com. PH 08 9193 8015.

REMARKS

1. Limited to ACFT BLW 4,000KG.
2. PPR FM AD OPR.
3. NIL landing fee.

Information may be continued on the next page: PTO

HANDLING SERVICES AND FACILITIES
Fuel AVBL at Broome International Airport (014/23NM).

PHYSICAL CHARACTERISTICS
10/28 1,400M Pindan (red earth), not usable after rain.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA	BRISBANE CENTRE	123.95

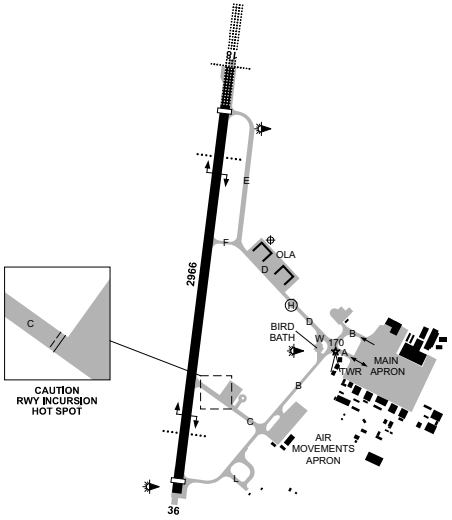
CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3223.

EDINBURGH ELEV 67

AVFAX CODE 5011
SA		UTC +9:30	YPED
344209S	1383715E	VAR 8 DEG E	MIL

AD OPR RAAF, Airbase Operations Centre - RAAF Base Edinburgh, SA, 5111.
Email: edn.aboc@defence.gov.au. PH 08 7383 2888.



REMARKS
1. AD OPR HR 2200-0700 UTC MON-THU, 2200-0500 UTC FRI (1HR earlier during HDS). FAC may be unmanned outside AD HR.
2. PPR for all CIV ACFT. Approval AVBL FM AD OPR during normal business HR.
3. Non EDN ACFT are allocated parking by ABOC. CTC AD OPR.

HANDLING SERVICES AND FACILITIES
ACFT RQ support submit eSTTR/eCSR via Sharepoint.
Inbound ACFT RQ air movements support advise TWR to receive PRKG instructions or specific requirements. AH CTC Duty Air Movements Member 0407 390 844.
Phone tanker section 08 7374 7294 BTN 2100-1130 UTC (1 HR earlier HDS) OT phone Duty Refueller 0429 467 573. F34, E10, E13, O156, H515, H536, SKD5, S737, S738, S745, HPOX, PRESAIR. AVGAS not AVBL.
AVTUR fuel deliveries AVBL FM hydrant and truck refuelling vehicles.
Hydrant refuelling to ADF units outside of standard OPR HR may be subject to direct cost recovery of service component (excluding fuel) FM requesting unit.

General
Customs/Health/Immigration AVBL H24 on 3HR PN.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 6 AVBL 2130-1330 UTC MON-THU, 2130-0730 UTC FRI (1HR earlier during HDS), AH and PH CAT 4 AVBL.
2. When ATC TWR not manned, CTC Base Fire on 118.3/257.8 (ALTN 127.25), for fire services.

APRONS AND TAXIWAYS

1. Non-standard white markings painted on TWY C.
2. TWY Widths:
   a. TWY A, C and L - 23M;
   b. TWY B ADJ to the Air Movements APN - 23M;
   c. All other TWY - 15M.
3. PCR Limitations:
   a. TWY L, Main APN west of ARDU shelter and south of taxi-lane A, and engine run-up bay northwest of Main APN: PCR 420/C.
   b. All other movement areas: PCR 585/D.
4. Wingspan Limitations:
   a. Access to the Main APN via TWY A is restricted to ACFT with wingspan less than 37.7M;
   b. ACFT with wingspan greater than 30.4M require wing-walker to taxi on:
      (i) Explosive ordinance loading areas 10 and 11.
      (ii) TWY L.
   c. TWY D W of helipad is restricted to ACFT with wingspan less than 51.9M;
   d. Obstacle clearance to CL TWY B is 32M due to ACFT PRKG on Air Movements APN. For details CTC AD OPR.
5. Unless otherwise directed by ATC, ACFT must enter the Air Movements APN via northern taxi-lane and exit via southern taxi-lane.

SURFACE MOVEMENT GUIDANCE

1. DIST to run marker boards (lit) RWY 18/36.
2. TACAN Check Boards RWY 18/36.
3. C17 and similar HVY ACFT requiring backtrack on RWY 18/36 are to utilise the turning nodes at ends of RWY 18/36 for turning, unless directed otherwise by ATC.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI, AD WRNG.
2. AWIS Phone 08 8150 3805 - Report faults to BoM.
3. AWIS FREQ 316.3 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

18/36 180 97a PCR 585/F/D/X/T Grooved. WID 45 RWS 230

ARRESTING GEAR

RWY 18			RWY 36
	BAK 12/14 (R)(B)(2) 750 (2,461)	--------	BAK 12/14 (R)(B)(2) 576 (1,891)

1. Recessed bi-directional BAK 12/14 hookcables INSTL 460M (1,510FT) FM DTHR RWY 18/36. Marked by yellow disks. DIST BTN Cables 1,640M (5,380FT). NML OPR PSN: Arrestable ACFT OPR DEP end up, APCH end down; no arrestable ACFT OPR or DRG CTAF HR both ends down. No crossing RESTR in down PSN. In the event of a PWR failure, hookcables will rise to a HGT of 10CM until PWR restored - recommend ACFT not approved to trample hookcables OPR BTN cables during CTAF HR. CONC absorber housing 1FT high ADJ RWY edge. Arresting system status will not be provided by ATC when hookcables in NML OPR PSN.
2. BAK 12/14 not AVBL outside TWR HR.
3. Arrestor Barrier installation M34B DCMSD. Retractable stanchions and net removed but remainder of the installation, concrete foundations and associated equipment remain in place WI RWS.

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING

RWY 18/36	HIRL		SDBY PWR AVBL
RWY 18	HIAL-CAT I(1)		
RWY 18	PAPI	3.0 DEG51FT	SDBY PWR AVBL
RWY 18	SFL		
RWY 36	PAPI	3.0 DEG49FT	SDBY PWR AVBL

(1) HIAL deviates 0.25DEG E of RWY CL.

1. **ALS type and length**
   a. RWY 18 – SFL and CAT I distance coded CL: 900M truncated to 720M. Inner 300M of SFL omitted.
2. RWY 18/36 LGT restricted outside TWR HR; RWY 18/36 LGT HN setting only AVBL.

OTHER LIGHTING

ABN ALTN 8 WG O/R

1. SDBY PWR AVBL all lighting. Possible 15-30 SEC switchover time.
2. TWY LGT: Green CL.
3. CL LGT (green) BTN northern intersection TWY B and Run up Bay not AVBL.
4. Run up Bay high mast lighting and obstacle lighting U/S.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	ADELAIDE CENTRE		130.45
ACD	EDINBURGH GROUND		134.1
APP/DEP	ADELAIDE APPROACH	(1)	128.6 243.0 (2) 306.3
ATIS	EDINBURGH		126.25 (3) 316.3 (3)
SMC	EDINBURGH GROUND		134.1
SMCV	EDINBURGH GROUND		127.25
TWR	EDINBURGH TOWER		118.3 243.0 257.8

(1) Service provided by Airservices Australia. Due to radar limitations some high speed manoeuvres by ACFT will preclude the provision of a radar service.
(2) EMERG FREQ, guarded, MNT by EDN TWR when active.
(3) ATIS phone 08 7383 2417. Outside TWR HR ATIS incorporates AWIS.

1. Automatic retransmit FAC exists BTN FLW FREQ: 128.6/306.3; 118.3/257.8.
2. ATS AVBL when Edinburgh CTR ACT. CTR ACT by NOTAM for SKED MIL OPS BTN 2230-1130 UTC MON-THU, 2230-0730 UTC FRI (1 HR earlier during HDS), EXC PH. Airspace may be deactivated on cessation of MIL OPS. Airspace NOTAMs AVBL via NAIPS in EDX group.
3. CTR or CTAF status AVBL from Adelaide Centre, via ATIS or via AWIS.

RADIO NAVIGATION AND LANDING AIDS

TAC	EDN	112.7/ 74X	344217.1S	1383644.6E	(1)
DME	IED	110.7/ 44X (RWY18)	344150.2S	1383655.6E	(3)
GP	IED	330.2 (RWY18)	344150.2S	1383655.5E	
ILS	IED	110.7 (RWY18)	344311.5S	1383646.8E	(2)
LOC	IED	110.7 (RWY18)	344311.5S	1383646.8E	

(1) 065/0.44 to ARP - Antenna ELEV 94FT - Marker boards RWY 18/36.
(2) ILS Critical Area not protected outside TWR HR.
(3) Antenna ELEV 82FT.

All NAVAIDS pilot MNT outside TWR HR.

LOCAL TRAFFIC REGULATIONS

1. Civil ACFT operators must CTC the 453SQN Edinburgh FLT on 08 7383 2114 prior to AWK in the CTR to receive a Local Procedures Brief.
2. New TWR construction 50M S of current TWR. Portion of short final RWY 36, TWY L and Air Movement Section apron not visible to ATC.
3. New ATC TWR not commissioned observe old TWR for light signals.
4. ACFT arriving EDN must cancel SARWATCH with Adelaide Centre (130.45) when on ground.
5. PN for all aerial survey activities. CTC AD OPR within 3 business days for approval.

FLIGHT PROCEDURES

1. **NAVAID TRAINING - CIVIL ACFT**
   ILS AVBL for TRNG SUBJ MIL TFC.
   The following limitations apply;
   a. An IFR FPL must be submitted for NAVAID TRNG AT YPED.
   b. Pilots to display any external LGT on FNA.
   c. ACFT to MNTN best speed on FNA unless REQ otherwise.
   d. ACFT must not use the SFC of YPED without prior approval.
2. Refer to LYNDOCH (YLYK) ERSA FAC entry for Barossa Valley operations.
3. Unless otherwise instructed by ATC, at pilot request, circuit direction is west.
4. Edinburgh Circuit Area is defined as that portion of the ED CTR S of the Gawler River and SW of the powerline running BTN Lewiston and Elizabeth, SFC to A020.
5. Civil ACFT are not permitted to conduct aerobatic activity within 3NM of RAAF Edinburgh.
6. Edinburgh and Parafield CTR abut to the South. Class D ATS services are applied to ACFT OPR in ED airspace with respect to ACFT OPR in PF CTR. Unverified VFR TFC may be OPR ADJ to ED CTR.
7. ACFT entering Parafield CTR from Edinburgh outside TWR HR, must track via overhead EDN AD.
8. ACFT tracking to EDN outside TWR HR from Parafield CTR must track via Bolivar Strobe light. Edinburgh circuit area to W of EDN AD is in close proximity to entry point.
9. **REMOTELY PILOTED AIRCRAFT SYSTEMS (RPAS)**
   a. Unauthorised RPAS OPS are a known risk in VCY of AD. ATC will issue a hazard alert on any known unauthorised RPAS OPS which pose a flight safety risk. Pilots may REQ alternate tracking or holding to avoid the hazard.
   b. PPR for all RPAS OPS. CTC AD OPR:
      (i) Operators (civil or MIL) without an existing letter of agreement to submit RPAS requests with at least 3 business days PN.
      (ii) Operators with an existing letter of agreement to submit RPAS requests with at least 2 business days PN.
   c. RPAS OPS WI 3NM when ATC TWR not manned require NOTAM.
10. **OUTSIDE TWR HR**

10.1. ACFT OP WI lateral and vertical CTR limits REQ to monitor/broadcast on 118.3.

10.2. ACFT departing EDN into adjoining Class C airspace must contact Adelaide Centre (130.45) on taxi for transponder code; and request airways clearance when “Ready” at the holding point and prior to RWY entry.

CTAF - AFRU 118.3

1. 118.3/257.8 - retransmits in both directions.
2. If AD lighting and/or RWY inspection RQ, ACFT CAPT must CTC "Base Fire" on CTAF 118.3/257.8 (ALTN 127.25), 20 MIN prior to ETA/taxi.
3. ACFT RQ EMERG services make standard EMERG call on CTAF. EDN RFFS monitor H24 & will initiate EMERG response when required.
4. ACFT to provide POB to EDN RFFS "Base Fire" on CTAF upon initial entry to YPED airspace.

NOISE ABATEMENT PROCEDURES

1. For noise abatement unless directed otherwise by ATC the FLW DEP PROC will be adopted
   a. OPS BTN 1330-2030 UTC (1HR earlier during HDS) limited to MIL operationally essential flights only, due to noise abatement.
2. A Fly Neighbourly protection area has been established around the Waitpinga Cliffs on Fleurieu Peninsula (APRX 55DME south of RAAF Edinburgh). Refer to ERSA GEN Special Procedures FN 13 for detailed information.

Information may be continued on the next page: PTO

ADDITIONAL INFORMATION

1. Gliding activity in Gawler area, 8NM NNE of Edinburgh. IFR ACFT will be separated from or monitored clear of active area.
2. CAUTION: Model ACFT OPR may take place HJ, SFC to 400FT AGL:
   a. BRG 100DEG MAG/0.8NM FM ARP
   b. BRG 270DEG MAG/4.5NM FM ARP (may be SFC to 1,000FT AGL during CTAF)
   c. BRG 300DEG MAG/11.1NM FM ARP
   d. BRG 356DEG MAG/9.1NM FM YPED AD (SFC to 1,000FT AGL SAT-SUN). OPR CTC Phone 0413 512 350.
3. CAUTION: Due to terrain shielding vehicles and ACFT COM limited when communicating directly from opposite ends of RWY 18/36. ACFT with known limited ground COM and all vehicles are required to enter RWY 18/36 from TWY F or C. ACFT with multi antennae must use upper antennae for CTAF COM.
4. Railway 0.16NM S of 18/36.
5. Bird hazard exists
   a. Increased numbers of the following species are expected during the specified times, and may be present in critical manoeuvring areas and airspace:
      (i) DEC to MAY: Little corellas.
      (ii) JUN to AUG: Australian pelican and Australian white ibis.
      (iii) JUL to SEP: Australian white ibis, silver gull and galah.
      (iv) OCT to DEC: Little raven, Australian white ibis, and corellas.
   b. Increased number of birds may be present post-rain events, including silver gull, Australian white ibis and welcome swallow.
   c. Australian magpie and magpie lark forages on grassed areas along and near the RWS at all times of the year. For further INFO, CTC Base Aviation Safety Officer (BASO) PH: 0427 554 354.
6. A fire guard service for engine starts will not be provided unless specifically requested as a special handling requirement.
7. MIL ACFT with hung stores may make a REQ to Adelaide APP for vectors via the Hung Store Route. The Hung Store Route will enable tracking to EDN over low populated areas.
8. ACFT rinse facility (bird bath) not AVBL during inclement weather.

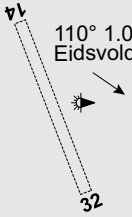
CHARTS RELATED TO THE AERODROME

1. WAC 3458, 3459.
2. MIL Aerodrome Obstruction Chart Type A: DEC 2024.
3. Also refer to AIP Departure and Approach Procedures.

EIDSVOLD

ELEV 869

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YESD
252154S 1510630E VAR 10 DEG E UNCR
AD OPR North Burnett Regional Council, PO Box 390, Gayndah, QLD, 4625.
Email: admin@northburnett.qld.gov.au. Council PH 1300 696 272.
Fax 07 4161 1425.

REMARKS

1. No parking on or near areas allocated for EMERG parking.
2. Suitable for ACFT up to 5,700KG MTOW.
3. PPR.

PASSENGER FACILITIES

LG/WC.

AERODROME OBSTACLES

1. Transition and fly-over OLS infringement exists on both sides of RWS due to trees.
2. Primary wind indicator infringes the transitional OLS.
3. COM TWY LOC E of RWY infringes the transitional OLS by 21M.

PHYSICAL CHARACTERISTICS

14/32	39c	Unrated. Gravel and grass. RWY LEN 1,189M. Slope 0.3% down to NW.	WID 30	RWS 45

AERODROME AND APPROACH LIGHTING

RWY 14/32 LIRL(1) AFRU+PAL 126.7 SDBY PWR AVBL

(1) EMERG OPS only

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 124.1

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Fly airstrip for wildlife prior to landing.

CHARTS RELATED TO THE AERODROME

WAC 3340.

ELCHO ISLAND ELEV 101

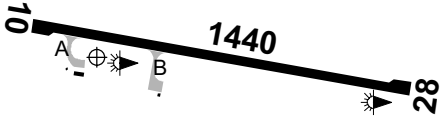
AVFAX CODE 8019

NT UTC +9:30 YELD

120110S 1353414E VAR 3 DEG E CERT

AD OPR Marthakal Yolngu Airline, PMB 62, Winnellie, NT, 0822.

Email: mya.manager@marthakal.org. PH 08 8987 9040. ARO 0458 898 944. Fax 08 8987 9212.



REMARKS

1. AD Charges: All ACFT.
2. CTC ARO for secure code to pedestrian gate at eastern APN. Code is not to be shared with passengers to prevent unauthorised airside access.

HANDLING SERVICES AND FACILITIES

JET A1 and AVGAS 24HR credit cards bowser AVBL, located on eastern APN. CTC ARO if RQ.

PASSENGER FACILITIES

PT/WC.

AERODROME OBSTACLES

1. Trees 90FT AGL PSN 110M N and 120M S of CL full length infringes RWY 10/28 transitional SFC by up to 25FT.
2. Vent pipe 130FT AMSL BRG 280 MAG 337M FM ARP.
3. Trees:
   a. 153FT AMSL BRG 095 DEG MAG 2,123M FM RWY 10 SOT. Infringes RWY 28 APCH SFC by 1FT.
   b. 153FT AMSL BRG 097 DEG MAG 2,121M FM RWY 10 SOT. Infringes RWY 28 APCH SFC by 1FT.

METEOROLOGICAL INFORMATION PROVIDED

TAF CAT D, METAR/SPECI.

PHYSICAL CHARACTERISTICS

10/28 097 47a Unrated. Sealed. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 10/28 LIRL AFRU+PAL 127.15

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 123.4 Circuit Area

Information may be continued on the next page: PTO

LOCAL TRAFFIC REGULATIONS

1. Overnight PRKG on western APN not AVBL.
2. All ACFT to park on eastern APN HN.
3. ACFT using the western APN must give way and not start engines in proximity of PAX moving BTN terminal and RPT ACFT.
4. Do not taxi WI 10M of terminal unless approved by AD OPR.
5. ACFT parked on eastern APN HJ must be attended at all times. For INFO CTC ARO.

CTAF - AFRU 127.15

ADDITIONAL INFORMATION

Possibility of animals on movement area.

CHARTS RELATED TO THE AERODROME

1. WAC 3110.
2. Also refer to AIP Departure and Approach Procedures.

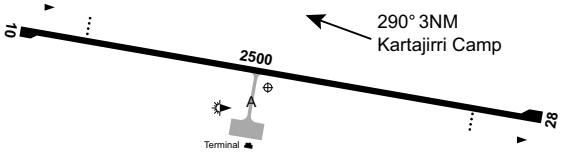
ELIWANA

ELEV 1576

AVFAX CODE 6837

WA		UTC +8	YEWA
222544S	1165314E	VAR 1 DEG E	CERT

AD OPR Fortescue Ltd, PO Box 6915, East Perth, WA, 6892.
Email: eliwanaairport@fortescue.com. ARO MOB H24 0407 917 505.



REMARKS

1. PPR.
2. 24HR notice RQ FM AD OPR for all unscheduled ACFT OPS.

HANDLING SERVICES AND FACILITIES

ACFT marshalling is provided for all ACFT.
Air BP - JET A1 CTC AD OPR.

APRONS AND TAXIWAYS

APN and TWY suitable for Code 4C ACFT.

AERODROME OBSTACLES

1. Extensive lit terrain penetration of the inner HZS and COS OLS in areas to the N and NE and S and SW of the AD. Penetration varies between 33 and 263FT. CTC AD OPR for details.
2. COM TWR lit with MIOL, 2,058FT AMSL BRG 249 DEG MAG 3.3NM FM ARP. Infringes COS by 156FT.
3. Unlit structure 1,755FT AMSL BRG 245 DEG MAG 2.2NM FM ARP. Infringes inner HZS by 36FT.
4. Terrain lit by flashing MIOL:
   a. 1,752FT AMSL PSN 222553.2S 1165019.4E.
   b. 1,864FT AMSL PSN 222657.3S 1165023.3E.
   c. 1,824FT AMSL PSN 222730.6S 1165303.0E.
   d. 1,936FT AMSL PSN 222808.3S 1165336.6E.
   e. 2,031FT AMSL PSN 222834.0S 1165427.6E.
   f. 1,880FT AMSL PSN 222740.0S 1165230.5E.
   g. 1,745FT AMSL PSN 222504.0S 1165305.7E.
   h. 1,768FT AMSL PSN 222422.0S 1165237.6E.
   i. 1,929FT AMSL PSN 222504.0S 1165527.5E.
   j. 1,793FT AMSL PSN 222531.3S 1165615.3E.

5. Unlit terrain 1,740FT AMSL BRG 237 DEG MAG 2.4NM FM ARP. Infringes inner HZS by 21FT.
6. Unlit terrain and transient equipment 1,807FT AMSL BRG 247 DEG MAG 2.37NM FM ARP. Infringes inner HZS by 88FT.
7. Power transmission poles (marked):
   a. 1,765FT AMSL PSN 222614.6S 1165559.8E.
   b. 1,732FT AMSL PSN 222656.2S 1165504.3E.
   c. 1,719FT AMSL PSN 222658.7S 1165449.2E.
   d. 1,739FT AMSL PSN 222657.1S 1165440.1E.
   e. 1,752FT AMSL PSN 222651.7S 1165425.4E.
   f. 1,726FT AMSL PSN 222649.0S 1165407.9E.
   g. 1,798FT AMSL PSN 222645.0S 1165350.1E.
   h. 1,785FT AMSL PSN 222643.8S 1165339.8E.
   i. 1,742FT AMSL PSN 222646.4S 1165325.1E.
   j. 1,791FT AMSL PSN 222647.1S 1165306.7E
   k. 1,788FT AMSL PSN 222649.5S 1165253.5E.
   l. 1,788FT AMSL PSN 222652.0S 1165239.1E.
   m. 1,785FT AMSL PSN 222655.0S 1165221.7E.
   n. 1,759FT AMSL PSN 222658.1S 1165204.3E.
   o. 1,759FT AMSL PSN 222701.1S 1165147.5E.
   p. 1,778FT AMSL PSN 222702.9S 1165130.5E.
   q. 1,762FT AMSL PSN 222658.9S 1165113.6E.
   r. 1,742FT AMSL PSN 222650.7S 1165104.7E.
   s. 1,755FT AMSL PSN 222658.76S 1165056.34E.
   t. 1,758FT AMSL PSN 222701.45S 1165054.15E.
   u. 1,739FT AMSL PSN 222704.49S 1165051.69E.
   v. 1,772FT AMSL PSN 222706.90S 1165049.73E.
   w. 1,773FT AMSL PSN 222708.98S 1165048.17E.
   x. 1,820FT AMSL PSN 222715.29S 1165044.09E.
   y. 1,823FT AMSL PSN 222717.9S 1165042.6E.
   z. 1,825FT AMSL PSN 222718.3S 1165040.3E.
   aa. 1,831FT AMSL PSN 222718.9S 1165037.5E.
   ab. 1,833FT AMSL PSN 222719.8S 1165034.1E.
   ac. 1,858FT AMSL PSN 222722.4S 1165031.6E.
8. Pole marked and lit by flashing MIOL, 1,766FT AMSL BRG 101 DEG MAG 2.58NM FM ARP. Infringes inner horizontal SFC by 48FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS FREQ 122.275 (requires three one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

10/28	099	82a	PCR 590/F/A/1.44 MPa/T Sealed.	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 10/28	LIRL	PAL+AA 119.6		SDBY PWR AVBL
RWY 10/28	PAPI(1)	PAL+AA 119.6	3.0 DEG53FT	SDBY PWR AVBL
RWY 10/28	PTBL(2)			BY PRIOR ARRANGEMENT

(1) Left side only.
(2) AVBL with 90MIN PN.

1. Lighting manually activated by ARO 30 MIN prior to scheduled arrival and deactivated 15 MIN after departure.
2. RWY edge light spacing: 57M.
3. Lateral spacing of RWY and PAPI LGT suits 30M RWY WID.
4. Main and SDBY PWR supplied by generators.

OTHER LIGHTING

1. TWY LGT: Blue edge.
2. SDBY PWR switchover time: 10 SEC.

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.7
BASE	ELIWANA BASE	132.125 (2)
UNICOM	ELIWANA UNICOM	126.7 (1)

(1) AVBL for scheduled movements.
(2) 20 MIN PN for all scheduled ACFT OPS.

LOCAL TRAFFIC REGULATIONS

1. ACFT ABV 5,700KG MTOW use RWY ends only for 180 DEG turns.
2. Itinerant PRKG to the W side of the APN. CTC AD Supervisor or ARO with 24HR PN.
3. 2 PRKG positions for ACFT up to Code 4C. Eliwana UNICOM will advise PRKG PSN to ACFT on receipt of inbound call on Base Frequency or CTAF.
4. Due jet blast clearances, jet ACFT using PRKG position 2 must use breakaway thrust to move forward on the alignment line for 3M before turning onto the leadout line and reducing power to idle.
5. Dual lead in line on parking bay 2. Lead-in lines marked as 2 or 2A.
   a. ACFT to use lead-in 2: A320, B738, F100 E190, G700, PC24.
   b. ACFT to use lead-in 2A: A319, A220, E290.

CTAF - AFRU 126.7

1. AFRU located at YBGD. Not AVBL on ground.
2. FREQ confirmation by YEWA UNICOM on receipt of TAX DEP call ("YEWA UNICOM confirm 126.7").

ADDITIONAL INFORMATION

1. Blasting occurs BTN 1.5NM and 6.0NM to the S of the ARP BTN 091 and 260 DEG MAG.
2. Dust plumes may occur following a blast with fly rock no greater than 400FT AGL. UNICOM will notify ACFT of any conflict.
3. CAUTION:
   a. Steep sided open drains ADJ to TWY and APN edges.
   b. Boolgeeda (YBGD) AD 22NM to ESE. YBGD PROC ADJ to S.
   c. Due to terrain shielding, VHF contact with ACFT on or close to the ground at YBGD is not possible.
4. Australian bustards regularly sighted in VCY of AD.

CHARTS RELATED TO THE AERODROME

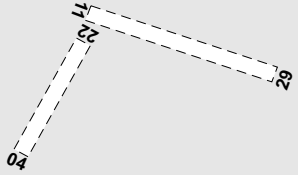
1. WAC 3229.
2. Also refer AIP Departure and Approach Procedures.

ELIZABETH QUAY

FULL NOTAM SERVICE NOT AVBL

WA		UTC +8	YEQY
315800S	1155142E	VAR 2 DEG W	UNCR

AD OPR Seaplane Pilots Association Australia, PO Box 4504, Rathmines, NSW, 2283.
ARO 0416 153 796: Swan River Trust 08 9278 0900.



ATS AND AERODROME COMMUNICATION FACILITIES

FIA	PERTH CENTRE	135.25
APP	PERTH APPROACH	123.6
DEP	PERTH DEPARTURES	118.7

FLIGHT PROCEDURES

1. Preferred TKOF/landing areas when conditions allow. Omnidirectional within Perth Water if conditions not suitable in preferred areas.
2. Unmarked water alighting area with two preferred locations:
   a. RWY 11/29 South side of boating channel parallel to Riverside Drive.
   b. RWY 04/22 East side of South Perth ferry channel.

ADDITIONAL INFORMATION

Melville Water AD (YMET) located 1NM SW.

CHARTS RELATED TO THE AERODROME

WAC 3351, 3462.

ELLISTON

ELEV 20

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YELN
333818S 1345400E VAR 6 DEG E UNCR
AD OPR District Council of Elliston, PO Box 46, Elliston, SA, 5670. ARO 0422 893 729. Council PH 08 8687 9177.

PHYSICAL CHARACTERISTICS

18/36	40a	Unrated. Spray seal. RWY LEN 1,218M.	WID 18	RWS 60

AERODROME AND APPROACH LIGHTING

RWY 18/36 LIRL AFRU+PAL 126.7

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.9 Circuit area

CTAF - AFRU 126.7

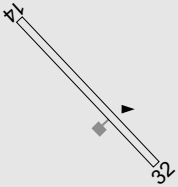
CHARTS RELATED TO THE AERODROME

WAC 3459.

ELROSE

ELEV 643

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YESE
205838S 1410026E VAR 6 DEG E UNCR
AD OPR FMR Investments Pty Ltd, Eloise Copper Mine, PO Box 14, Cloncurry, QLD, 4824. PH 07 4746 8857. PH AH 0447 691 785. Fax 07 4726 8866.

REMARKS

PPR FM Airport Manager (Mobile 0438 917 757).

HANDLING SERVICES AND FACILITIES

PPR FM Airport Manager to determine if fuel is available. AVGAS and JET A1.

AERODROME OBSTACLES

Unlit mast 860FT AMSL BRG 170/1.2NM FM ARP. Infringes inner HZS.

PHYSICAL CHARACTERISTICS

14/32	48c	Unrated. Gravel	WID 30	RWS 90

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 123.95

FLIGHT PROCEDURES

1. Left hand CCTS RWY 14.
2. Right hand CCTS RWY 32.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3233.

Information may be continued on the next page: PTO

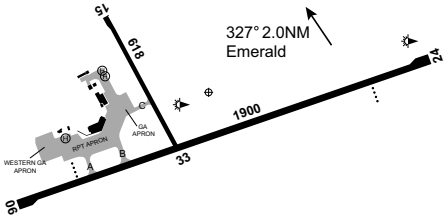
EMERALD

ELEV 622

AVFAX CODE 4137

QLD		UTC +10	YEML
233404S	1481045E	VAR 9 DEG E	CERT

AD OPR Central Highlands Regional Council, PO Box 21, Emerald, QLD, 4720.
Email: airport@chrc.qld.gov.au. PH 07 4980 4948. ARO 0408 194 913.
Website: www.chrc.qld.gov.au.



REMARKS

1. AD Charges: For current Fees and Charges refer to website. COR Holder is responsible for charges incurred.
2. This AD is a Security Controlled Airport.
3. Terminal building opens 90MIN prior to RPT arrival and closes 30MIN post RPT departure.
4. Business Hours (UTC): MON-FRI 1930-1000, SAT 1930-0300, SUN 0000-1000.

HANDLING SERVICES AND FACILITIES

Star Aviation (Ground Handling Agent): Mobile: +61 477 400 420, Phone: +61 1300 787 900, Email: emd@staraviationservices.com.au, Website: www.staraviationservices.com.au.
VIVA Energy (Aviation Fuel): JET A1, AH callout fees apply outside operational hours. Fuel2sky and credit card. AVGAS Bowser AVBL H24. Mobile: +61 418 608 866, Phone: +61 13 84 82, Email: emerald@nqfuelservices.com.au, Website: www.vivaenergy.com.au.
MAS Aviation (ground handling agent) Mobile: 0415 041 629, Email: rachel@masaviation.com.au.

PASSENGER FACILITIES

TX/HC/WC/RF/LG.

APRONS AND TAXIWAYS

1. RPT Apron: Bays 1-5.
2. TWY A Code C - 18M.
3. TWY B Code C - 23M.
4. TWY C Code A - 15M.

AERODROME OBSTACLES

1. LIOL 2 broadcasting masts, marked by day and lit by night:
   a. 785FT AMSL APRX BRG 25.42 DEG MAG 1.92NM FM ARP.
   b. 785FT AMSL APRX BRG 27.85 DEG MAG 1.95NM FM ARP.
2. Lit BoM radar 705FT AMSL APRX BRG 63.19 DEG MAG 3.48NM FM ARP.
3. Lit SRY IWI 649FT AMSL APRX BRG 65.83 DEG MAG 0.49NM FM ARP. Infringes TNS by 9FT.
4. Lit Optus TWR 771FT AMSL APRX BRG 344.27 DEG MAG 1.63NM FM ARP. Infringes inner HZS by 3FT.
5. Unlit AWIS TWR 656FT AMSL APRX BRG 234.61 DEG MAG 0.20NM FM ARP. Infringes TNS by 4FT.
6. E190 ACFT parked on bays infringe the OLS TNS:
   a. Bay 3 by 1.24M.
   b. Bay 4 by 1.14M.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS PH 07 3564 3714- Report faults to BoM.
3. AWIS FREQ 132.95 - (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

06/24	062	62a	PCR 290/F/D/1.35 MPa/T	WID 30	RWS 150
15/33	143	20a	5700 kg/0.69 MPa Sealed	WID 18	RWS 60

AERODROME AND APPROACH LIGHTING

RWY 06/24	LIRL	PAL+AA 120.6		SDBY PWR AVBL
RWY 06/24	PAPI(1)	PAL+AA 120.6	3.0 DEG45FT	SDBY PWR AVBL

(1) Left side.

1. RWY 06/24: PAL activates PAPI H24.
2. RWY 06/24 AGL light spacing 60M.
3. SDBY PWR activation time 30 SEC.

OTHER LIGHTING

TWY LGT: Blue edge on TWY A and B.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.3 On Ground

RADIO NAVIGATION AND LANDING AIDS

NDB EML 324 233402.8S 1481015.8E Range 60 (HN 60)

LOCAL TRAFFIC REGULATIONS

1. All ACFT ABV 42,000KG require prior approval and pavement concession.
2. MAX overall HEL LEN 13M on GA APN HEL.
3. ACFT holding or taxiing on RWY 15/33 must remain on, or north of TWY C whenever RWY 06/24 is in use or active - for obstacle restriction purposes.
4. ACFT ABV 5,700KG MTOW must roll through and make MAX RAD MNM speed turns at turn pads only.
5. **PARKING**
   a. ACFT ABV 5,700KG contact AD OPR for parking instructions.
   b. ACFT BLW 5,700KG not permitted to park on RPT APN (Bays 1 to 5).
   c. Bays 6 to 9 parking up to CL60. Requires prior approval from AD OPR.
   d. 48 HR PN for charter ACFT requiring parking on Bays 1 to 5.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

1. Bird hazard black kites, flying fox and fruit bat exist in VCY of AD. Increased ACT of black kites observed BRG 078 MAG 5NM FM ARP. Additional NOTAM will be raised during periods of significantly increased ACT.
2. Agricultural OPS take place WI 5NM of ARP.

CHARTS RELATED TO THE AERODROME

1. WAC 3234, 3235.
2. Also refer to AIP Departure and Approach Procedures.

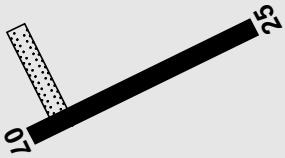
EMKAYTEE

ELEV 80

FULL NOTAM SERVICE NOT AVBL

NT		UTC +9:30	YMKT
123636S	1310310E	VAR 2 DEG E	UNCR

AD OPR Kath J Meyering, PO Box 29, Darwin, NT, 0811. Email: mktairfield@gmail.com. PH 08 8988 2194.



REMARKS

Cross strip permanently not AVBL for fixed wing operations.

Information may be continued on the next page: PTO

HANDLING SERVICES AND FACILITIES
AVGAS AVBL by credit card 24/7. Contact AD OPR for: tie-downs AVBL $7 per day or $42 per week.

AERODROME OBSTACLES
Power lines at eastern end of RWY.

PHYSICAL CHARACTERISTICS
RWY 07/25: WID 13M sealed, 32M unsealed shoulders.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	118.15 Circuit Area

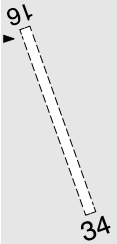
CTAF 127.1

ADDITIONAL INFORMATION
1. Bird activity associated with the crocodile farm 1NM from field.
2. Private airstrip N side of AD not associated with YMKT.
3. MIL heavy rotary wing activity on disused cross strip, mainly in evenings.
4. Flying training, ultralight, commercial fixed and rotary wing, high performance aerobatic and MIL ACFT activity DLY.

CHARTS RELATED TO THE AERODROME
WAC 3109.

EMU PARK

ELEV 44
FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YEMP
231524S	1504848E	VAR 9 DEG E	UNCR

AD OPR Livingstone Shire Council, PO Box 2292, Yeppoon, QLD, 4703.
Email: enquiries@livingstone.qld.gov.au. Council PH 07 4913 5000.

REMARKS
Day use VFR only. No equipment for IFR OPS or night OPS at AD.

PHYSICAL CHARACTERISTICS
RWY 16/34. Length 673M. Unsealed natural grass.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	119.55

FLIGHT PROCEDURES
Pilots are requested to avoid overflying residential buildings.

CTAF 132.2

CHARTS RELATED TO THE AERODROME
WAC 3235.

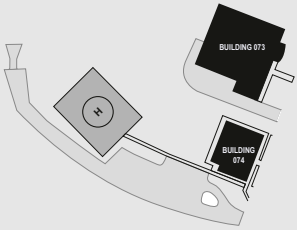
ENOGGERA HELIPORT — ELEV 223

AVFAX CODE 4064 — **FULL NOTAM SERVICE NOT AVBL**

QLD — UTC +10 — YENO

272536S 1525812E — VAR 11 DEG E — UNCR

AD OPR Headquarters 16th Aviation Brigade, Gallipoli Barracks, Enoggera, QLD, 4051.
PH 07 3332 7709: 07 3332 6033. PH AH 07 3332 7607: 0438 710 603.



REMARKS

1. 24HR PPR.
2. MIL Aircrew are REQ to comply with Enoggera BSI 17 AVBL at: http://drnet.defence.gov.au/DSRG/Brisbane/Pages/Base%20Instructions%20_%20Orders.aspx.
3. MIL HLS ONLY except for EMERG.
4. Caution: This aerodrome is not subject to routine serviceability inspection or NOTAM advice of unserviceabilities. Additional aerodrome data is available from the contact telephone numbers above or for Mil Aircrew: http://drnet.defence.gov.au/ARMY/FORCOMD/Headquarters/AviationBranch/AvnAwDir/Pages/OPAW.aspx
5. CTC Service Delivery on 07 3332 7709 to obtain Garrison COMD approval. Following this CTC reservations on 07 3332 6033 to deconflict HLS or oval usage. AH CTC Garrison Duty Officer on 07 3332 7607 or 0438 710 603.
6. YENO02 booking will not be approved BTN 0600-0900 Local MON-FRI or 1200-1600 Local THU (this may be overridden in cases of capability requirement or an EMERG) OT IAW BSI 17.

AERODROME OBSTACLES

Vegetation and terrain penetrate the 4.5% OLS from S to W and N to NE of the HLS.

PHYSICAL CHARACTERISTICS

YENO01 - unrated.
FATO 45.2M Dia. Safety Area 60.2M Dia. LP Rectangular Rigid Pavement 35.4M x 25M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	125.7 On Ground

LOCAL TRAFFIC REGULATIONS

Preferred APCH/DEP paths for YENO01NW and SSE weather permitting.

CTAF 126.7

NOISE ABATEMENT PROCEDURES

OPR in Enoggera area BLW 1,000FT BN QNH not recommended unless on APCH or DEP.

ADDITIONAL INFORMATION

1. CAUTION: BN CTR 300M to the E.
2. HLS is a concrete purpose designed facility suitable for ACFT up to CH47, E&IG will ensure deconfliction with 24 PN.
3. ALTN HLS YENO02 for formation or multiple OPR is Duncan Ovals Sport Complex. This FATO is located central to the Duncan Oval Sports Complex at Gallipoli Barracks.

CHARTS RELATED TO THE AERODROME

WAC 3340.

Information may be continued on the next page: PTO

ERINA HELIPORT

ELEV 15

FULL NOTAM SERVICE NOT AVBL

NSW		UTC +10	YEHP
332627S	1512207E	VAR 13 DEG E	UNCR

AD OPR Coast Helicopters, Pateman Rd, Erina, NSW, 2257. PH 02 4365 0371.

REMARKS

1. AD Charges $100/Landing.
2. PPR for all OPS - Phone 02 4365 0371.

HANDLING SERVICES AND FACILITIES

Coast Helicopters - daily 2300-0700 UTC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	SYDNEY CENTRE	124.55 On Ground
UNICOM	ERINA HELIPORT UNICOM	120.4

FLIGHT PROCEDURES

1. Approach/departure OPS all over water.
2. Keep well clear of all houses to the S of Heliport.

CTAF 132.1

CHARTS RELATED TO THE AERODROME

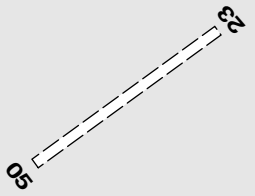
WAC 3456.

ERNABELLA

ELEV 2319

AVFAX CODE 5207

FULL NOTAM SERVICE NOT AVBL



SA		UTC +9:30	YERN
261545S	1321054E	VAR 4 DEG E	UNCR

AD OPR Pukatja Community Inc, Ernabella via Alice Springs, SA, 0872. PH 08 8956 2966. ARO 8956 2950: Phone/Fax 8956 7562: SAT phone 0145 116 189. Fax 8956 2945.

PASSENGER FACILITIES

Telephone facilities not AVBL.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 08 8150 3816 - Report faults to BoM.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	121.85 7000FT

FLIGHT PROCEDURES

Right hand circuits RQ when OPR on RWY 23.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3343.

EROMANGA

ELEV 545

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YEMG
264217S 1431543E VAR 8 DEG E UNCR
AD OPR Quilpie Shire Council, 50 Brolga Street, Quilpie, QLD, 4480.
Email: admin@quilpie.qld.gov.au. ARO 0419 230 115 (H24). Website: www.quilpie.qld.gov.au.

PHYSICAL CHARACTERISTICS

18/36 49a PCR 40/F/C/0.80 MPa/U RWY LEN 1,500M. WID 18 RWS 80

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.8 2500FT

CTAF 126.7

CHARTS RELATED TO THE AERODROME

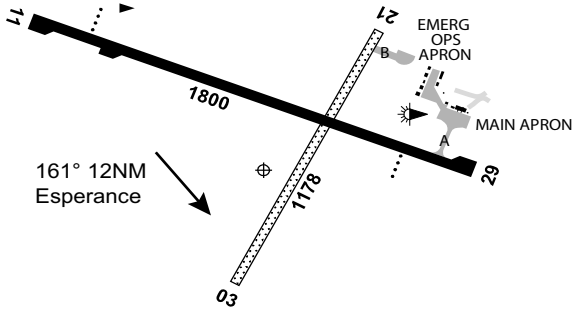
WAC 3342.

ESPERANCE

ELEV 471

AVFAX CODE 6302

WA UTC +8 YESP
334104S 1214922E VAR 0 DEG E CERT
AD OPR Shire of Esperance, PO Box 507, Esperance, WA, 6450.
Email: airport@esperance.wa.gov.au. ARO 0428 935 618. Website: www.esperance.wa.gov.au.



REMARKS

1. AD Charges - refer website.
2. This AD is a Security Controlled Airport. A valid ASIC is to be worn and properly displayed at all times while airside.
3. GA airside access via side pool fence gates.

HANDLING SERVICES AND FACILITIES

AIR BP: 0000-0900 UTC MON-FRI, 0000-0200 UTC SAT, SUN and PH. Call-out fees applies outside normal HR. JET A1 60MIN PN REQ. AVGAS H24 AIR BP carnet card or credit card bowser. TEL 0428 935 618.
Note: Phone calls only. Text messages are not monitored.
AUSFLIGHT Ground Handling Services: Availability O/R. TEL 0467 555 105.
Email: charterrepr@ausflighthandling.com.au.

PASSENGER FACILITIES

TX(08 9071 1782)/HC/LG/RF/WC.

Information may be continued on the next page: PTO

AERODROME OBSTACLES

1. Trees 506FT AMSL BTN BRG 103-105 DEG MAG 0.44-0.53NM FM ARP. Infringes TNS OLS RWY 11/29.
2. Primary WDI 528FT AMSL BRG 071 DEG MAG 0.28NM FM ARP. Infringes TNS OLS by 1FT.
3. Unlit masts:
   a. 731FT AMSL BRG 004 DEG MAG 2.97NM FM ARP.
   b. 596FT AMSL BRG 339 DEG MAG 2.35NM FM ARP.
   c. 597FT AMSL BRG 340 DEG MAG 2.32NM FM ARP. Infringes Inner HZS by 2FT.
   d. 600FT AMSL BRG 341 DEG MAG 2.37NM FM ARP. Infringes Inner HZS by 5FT.
   e. 597FT AMSL BRG 339 DEG MAG 2.4NM FM ARP. Infringes Inner HZS by 2FT.
4. Wind turbines (lit with red light at night, outer horizontal OLS):
   a. 913FT AMSL BRG 166 DEG MAG 4.4NM FM ARP.
   b. 913FT AMSL BRG 170 DEG MAG 4.1NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 08 6216 2611 - Report faults to BoM.
3. AWIS FREQ 123.05 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

03/21	028	39c	5700 kg/0.55 MPa Gravel	WID 18	RWS 60
11/29	111	59a	PCR 212/F/C/X/T	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 11/29	LIRL	PAL 121.3		SDBY PWR AVBL
RWY 11	PAPI(1)	PAL 121.3	3.0 DEG51FT	SDBY PWR AVBL
RWY 29	PAPI(1)	PAL 121.3	3.0 DEG45FT	SDBY PWR AVBL

(1) Left side only.

OTHER LIGHTING

1. Secondary PWR switchover time: 10 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	133.2 On Ground

RADIO NAVIGATION AND LANDING AIDS

DME	ESP	114.2/ 89X	334042.8S	1214918.1E		(1)
NDB	ESP	326	334113.1S	1214937.6E	Range 120 (HN 110)	
VOR	ESP	114.2	334050.1S	1214925.6E		

(1) Antenna ELEV 476FT.

LOCAL TRAFFIC REGULATIONS

1. PRKG Bays 1, 1A, 2 and 3 are restricted to RPT ACFT or ACFT approved by ARO only.
2. PRKG Bays 1, 1A, 2 and 3 are for ACFT greater than 5,700KG.
3. PRKG Bays 1 and 1A cannot be used SIMUL.
4. PRKG Bays for GA ACFT sealed pads E of main APN, tie-downs (not rated) provided.
5. PRKG overflow for GA and helicopters grassed area E of main APN, tie-downs not provided.
6. EMERG OPS APN restricted to EMERG OPS ACFT or ACFT approved by ARO only.
7. CTC ARO with 24HR PN for alternative and temporary parking arrangements.
8. TKOF and landing on grass strips not permitted.

CTAF - AFRU 126.7

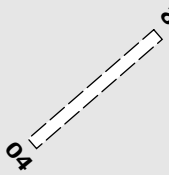
CHARTS RELATED TO THE AERODROME

1. WAC 3461.
2. Also refer to AIP Departure and Approach Procedures.

EULO

ELEV 500

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YEUO
281009S 1450230E VAR 9 DEG E UNCR
AD OPR Paroo Shire Council, PO Box 75, Cunnamulla, QLD, 4490.
PH 07 4655 1777. Fax 07 4655 1647.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	124.8 9000FT

CTAF 126.7

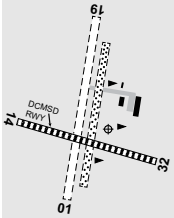
CHARTS RELATED TO THE AERODROME

WAC 3356.

EUROA

ELEV 555

FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YEUA
364441S 1453048E VAR 12 DEG E UNCR
AD OPR Skydive Euroa, 87 Mountain View Road, Montmorency, VIC, 3094.
PH 03 9432 2419. Mobile 0413 863 929. Fax 03 9434 6864.

REMARKS

Restricted OPS. PPR FM AD OPR.

HANDLING SERVICES AND FACILITIES

AVGAS/Oil AVBL. Contact AD OPR. Cash, V or MC. Bunkhouse accommodation also AVBL by arrangement.

AERODROME OBSTACLES

High terrain S of ALA, three unmarked, unlit masts 950FT AMSL 184M/1.2NM FM ARP.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.4 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. RWY 01/19 sand section not maintained. Use grass section only.
2. RWY 14/32 DCMSD. W section overgrown. Do NOT use.

FLIGHT PROCEDURES

1. Avoid overflying WI 2NM due PJE OPS. Track south of the Hume Highway if possible. PJE ACFT broadcast on CTAF, ML CEN 122.4 and ML CEN 123.75 three MIN before drop.
2. Avoid overflying local houses BLW 1,500FT AMSL.

CTAF 126.7

ADDITIONAL INFORMATION

PJE OPS HJ SFC - 15,000FT AMSL.

CHARTS RELATED TO THE AERODROME

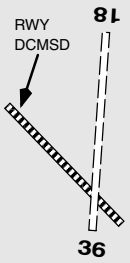
WAC 3469, 3470.

Information may be continued on the next page: PTO

EVANS HEAD

ELEV 20

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YEVD
290536S 1532513E VAR 12 DEG E UNCR
AD OPR Evans Head Airpark Pty Ltd, PO Box 47, Evans Head, NSW, 2473. PH 0479 079 959.

REMARKS

1. Conditions of Entry: PPR CTC AD OPR. Safety Measures Apply.
2. AD Charges: All ACFT using the AD including training ACFT using the AD for TGL must pay fees. Fees will be calculated after permission is approved. An honesty/donation box is onsite for collection of fees.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.3 Circuit area

AIR WEAPONS RANGE CONTROL

RANGE Evans Head 263.9P 123.3(1)
RANGE Evans Head 260.0S 133.9
RANGE Evans Head 394.4(2) 120.3(3) 27.880(4)
RANGE Evans Head 243.0(5)

1. Range Control monitors 123.3 as a primary VHF FREQ but will change to 133.9 Range Control secondary on REQ.
2. 394.4 is an SMC FREQ for RNG vehicular TFC.
3. Range Control monitors 120.3, Brisbane Centre.
4. Marine distress
5. MIL distress.

FLIGHT PROCEDURES

1. ACFT not cleared to enter M641/R638 when active, must fly a circuit at 500FT on QNH. Circuit direction should be established by radio with other circuit TFC in preference to overflying.
2. Right CCTS RQ RWY 18.

CTAF 126.7

NOISE ABATEMENT PROCEDURES

Noise abatement procedures apply, for full details ACFT operators should refer to www.richmondvalley.nsw.gov.au

ADDITIONAL INFORMATION

1. Airfield used by ultralights and model ACFT.
2. Radio controlled model ACFT using a small section of RWY 14/32, the closed RWY west of RWY 18/36.
3. Evans Head Range (RAAF) 5NM SW of AD activated by NOTAM. Check with Flightwatch for NOTAM on airspace (range) status.
4. Caution: Possible alternate ground users.
5. Caution: Possible ground maintenance users.
6. NSW Heritage Listed Site.

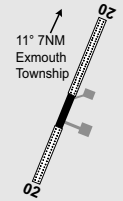
CHARTS RELATED TO THE AERODROME

WAC 3357.

EXMOUTH

ELEV 10

FULL NOTAM SERVICE NOT AVBL



WA UTC +8 YEXM
220229S 1140608E VAR 0 DEG E UNCR
AD OPR Shire of Exmouth, PO Box 21, Exmouth or Maidstone Crescent, Exmouth, WA, 6707. PH AD 08 9949 1326. ARO 0407 494 419 (H24). Fax 08 9949 1840.

REMARKS

1. PPR CTC ARO.
2. Strip closed after heavy rain.

HANDLING SERVICES AND FACILITIES

Fuel is NOT AVBL.

PHYSICAL CHARACTERISTICS

RWY 02/20, 1260M, unsealed gravel with 211M central sealed section and parking area. WID 30M.

AERODROME AND APPROACH LIGHTING

1. Solar lighting HN. RWY 02/20 white on sides, green APCH, red at ends, blue TWY lights - IWI.
2. RWY edge light spacing: 02/20: 60M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.9 On Ground

CTAF 118.3

Except when Learmonth CTR and restricted areas are active.

ADDITIONAL INFORMATION

1. AD unfenced. Animal hazard likely.
2. HEL OPS H24.
3. Airfield is used by Microlights.
4. Intensive aerial work operations along Ningaloo Reef from abeam Learmonth to Vlaming Head, 500–3,500FT, March to October.

CHARTS RELATED TO THE AERODROME

WAC 3229.

Information may be continued on the next page: PTO

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FACING ISLAND

AVFAX CODE 4006 **FULL NOTAM SERVICE NOT AVBL**

QLD UTC +10 YFLD
235324S 1513400E VAR 10 DEG E UNCR

AD OPR Auriga Group, 14 Argyle St, Albion, QLD, 4010. Email: eastcoastaviation@auriga.com.au. ARO 0438 862 962.

REMARKS

1. PPR.
2. Private use.
3. All enquiries to Head of Flying Operations (HOFO) via AD OPR. Include “ATTN HOFO” in email subject.

METEOROLOGICAL INFORMATION PROVIDED

AWIS FREQ 126.85 - Report faults to YGLA AD OPR.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	119.55

CTAF 118.8

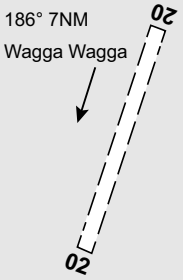
CHARTS RELATED TO THE AERODROME

1. WAC 3235, 3340.
2. Also refer to AIP Departure and Approach Procedures.

FEDERATION

ELEV 710

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YFDN
350046S 1472225E VAR 12 DEG E UNCR

AD OPR G.M. & K.M. Gaskin, 'Federation' 188 Federation Road, Downside, Wagga Wagga, NSW, 2650. PH 02 6922 9221: Mobile 0408 694 194. Fax 02 6922 9295.

REMARKS

1. No landing charge for private pilots.
2. Prior arrangement appreciated or radio calls on CTAF.
3. Daylight OPS only

PASSENGER FACILITIES

PT/FAX/WC (at homestead)

AERODROME OBSTACLES

Trees to right of approach RWY 02. DTHR to clear trees on approach to RWY 20.

PHYSICAL CHARACTERISTICS

RWY slopes 2DEG FM centre down at each end N and S.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	119.5

CTAF 126.95

ADDITIONAL INFORMATION

FM the THR of RWY 02, ACFT on the ground near the THR of RWY 20 can be hidden FM view.

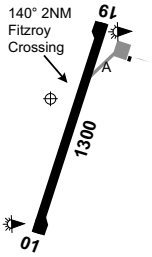
CHARTS RELATED TO THE AERODROME

WAC 3456, 3457.

Information may be continued on the next page: PTO

FITZROY CROSSING — ELEV 368

AVFAX CODE 6906



WA UTC +8 YFTZ
181055S 1253331E VAR 2 DEG E CERT
AD OPR Shire of Derby/ West Kimberley, PO Box 101, Fitzroy Crossing, WA, 6765. Email: sdwk@sdwk.wa.gov.au. PH 08 9191 0999.
ARO H24 0427 915 201: AD MGR 0418 922 415.

HANDLING SERVICES AND FACILITIES

H24 AVGAS and JET A1 via bowser.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 08 6216 2612 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

01/19 015 43a PCR 70/F/C/Y/T Sealed. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 01/19 LIRL(2) AFRU+PAL 126.7
RWY 01/19 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG only. 1HR PN.
(2) Manual activation by prior arrangement with AD OPR 24 HR prior notice required.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 124.8 On Ground

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Animal and Bird hazard exists.

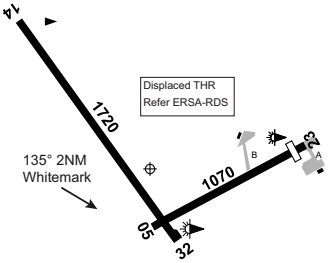
CHARTS RELATED TO THE AERODROME

1. WAC 3223.
2. Also refer to AIP Departure & Approach Procedures.

FLINDERS ISLAND — ELEV 34

AVFAX CODE 7012

TAS UTC +10 YFLI
400529S 1475934E VAR 14 DEG E CERT
AD OPR Flinders Council, PO Box 40, Whitemark, Flinders Island, TAS, 7255.
Email: richard.harley@flinders.tas.gov.au: airport.operations@flinders.tas.gov.au.
PH 03 6359 2144 (BH). ARO H24 0429 813 929. Website: www.flinders.tas.gov.au.



REMARKS

1. This AD is a Security Controlled Airport.
2. AD Charges apply, refer to website.

HANDLING SERVICES AND FACILITIES

World Fuel Services H24 AVGAS and JET A1 bowser. Carnet and credit card (via smartphone APP). PH 0429 813 929 (Telstra is the only mobile phone service provider that works on Flinders Island).

PASSENGER FACILITIES

HC/TX/AC/LG/RF/WC.

APRONS AND TAXIWAYS

TWY B MAX weight - 4,000KG.

SURFACE MOVEMENT GUIDANCE

RWY 32 fixed distance and TDZ markings displayed 20M to N.

AERODROME OBSTACLES

1. RWY 05 - Unlit fence 4.5FT ABV and 11M NE of RWS end.
2. RWY 32 - Unlit fence 5.3FT ABV and 11M NW of RWS end.
3. Group of trees BRG 051 DEG MAG 3,680M FM ARP. Infringes TKOF SFC by 14FT.
4. Lit OBST:
   a. 399FT AMSL, BRG 087 MAG 2NM FM ARP.
   b. 439FT AMSL, BRG 343 MAG 1.1NM FM ARP.
   c. 499FT AMSL, BRG 310 MAG 2.5NM FM ARP.
   d. 552FT AMSL, BRG 108 MAG 2.9NM FM ARP.
   e. 653FT AMSL, BRG 342 MAG 1.7NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 03 6283 8601 - Report faults to BoM.
3. AWIS FREQ 134.4 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	047	35c	PCR 55/F/B/0.61 MPa/T Sealed	WID 30	RWS 90
14/32	129	56c	PCR 55/F/B/0.61 MPa/T Sealed	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 05/23	LIRL	AFRU+PAL 127.8	SDBY PWR AVBL
RWY 14/32	LIRL	AFRU+PAL 127.8	SDBY PWR AVBL

1. RWY edge light spacing: 05/23: 90M; 14/32: 90M.
2. RWY 23 and RWY 32: AFRU+PAL activation range may be reduced to the N due to high terrain.

OTHER LIGHTING

HBN	FLG 1 R	399FT AMSL BRG 087 MAG 2NM FM ARP.
HBN	FLG 1 R	552FT AMSL BRG 108 MAG 2.9NM FM ARP.
HBN	FLG 1 R	439FT AMSL BRG 343 MAG 1.1NM FM ARP.
HBN	FLG 1 R	653FT AMSL BRG 341 MAG 1.7NM FM ARP.
HBN	FLG 1 R	499FT AMSL BRG 310 MAG 2.5NM FM ARP.

1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	126.5 Circuit area

LOCAL TRAFFIC REGULATIONS

1. VHF transmissions from taxiing ACFT are subject to ground shielding. ACFT are not directly visible to each other on THR RWY 14 and THR RWY 23 due to terrain. Mandatory rolling calls are required from all ACFT immediately prior to take-off, due to an increased risk of an ACFT not being aware of each other. Extreme caution must be exercised.
2. Parking restrictions:
   a. Bay 1 scheduled Air Transport Operation (ATO) only.
   b. Bay 2 shared with RFDS, Air Ambulance and other ATO - contact ARO.
   c. Bay 3 AVBL for itinerant ACFT above 5,700KG - contact ARO.
   d. Light ACFT to park on grass APN adjacent to main APN.

Information may be continued on the next page: PTO

e. TWY B and grass APN for private hanger ACFT only - contact ARO.
f. Fuel bay parking not permitted unless ACFT requiring fuel - contact ARO.

3. All ACFT ABV 5,700KG must use RWY end turning node.

FLIGHT PROCEDURES

1. Right hand circuits RQ when OPR on RWY 05 and 14.
2. Night landings not permitted RWY 23. Night takeoffs not permitted RWY 05.

CTAF - AFRU 127.8

ADDITIONAL INFORMATION

Bird and wallaby hazard exists.

CHARTS RELATED TO THE AERODROME

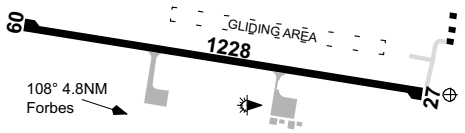
1. WAC 3556.
2. Also refer to AIP Departure and Approach Procedures.

FORBES ELEV 760

AVFAX CODE 2201

NSW		UTC +10	YFBS
332149S	1475606E	VAR 11 DEG E	CERT

AD OPR Forbes Shire Council, PO Box 333, Forbes, NSW, 2871. PH 02 6850 2874 (BH) or 0447 487 726 (AH).



REMARKS

Landing charges: nil.

HANDLING SERVICES AND FACILITIES

AVGAS and JET A1 AVBL. H24, self-service bowser accepts all credit cards.

PASSENGER FACILITIES

WC

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 02 9353 6420 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

09/27 088 40a Unrated. WID 18 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 09/27 LIRL PAL 122.4

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 135.25 Circuit area

LOCAL TRAFFIC REGULATIONS

1. RWS 09L/27R: grass strip parallel to sealed RWY. Marked by orange gable markers and available for use by hang gliders, tugs and tail skid aircraft.
2. RWY 09R/27L: for use by aircraft other than hang gliders, tugs and tail skid aircraft.

FLIGHT PROCEDURES

1. Simultaneous contra circuit operations daily HJ.
2. Hang glider/tug/tail-skid circuits to north using RWS 09L/27R.
3. Other aircraft circuits to the south using RWY 09R/27L.
4. There is no dead side with contra circuits.
5. Aircraft must not infringe hang gliders, tugs and tail-skid aircraft circuit below 1,500FT AGL.
6. Join circuit downwind or upwind over RWY 09R/27L.
7. RWY 27R: Right hand circuits.
8. RWY 09R: Right hand circuits HJ. Left hand circuits permitted HN.

CTAF 126.7

ADDITIONAL INFORMATION

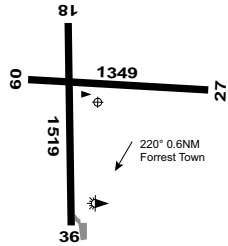
1. Animal and bird hazard exists.
2. Hang glider OPS daily HJ using RWS 09L/27R.

CHARTS RELATED TO THE AERODROME

1. WAC 3456, 3457.
2. Also refer to AIP Departure and Approach Procedures.

FORREST — ELEV 511

AVFAX CODE 6201



WA UTC +8 YFRT
305017S 1280654E VAR 3 DEG E CERT
AD OPR Fayburn Pty Ltd, PO Box 63, Guildford, WA, 6935.
AD MGR: Forrest Airport, Forrest, WA, 6434.
Email: AD Manager info@forrestairport.com.au.
PH AD Manager 08 9022 6403: ARO 0408 710 862.
PH Fayburn Administration 0409 376 016.
Email: admin@forrestairport.com.au.
Website: www.forrestairport.com.au.

REMARKS

1. AD Charges: nil when fuel purchased.
2. PPR FM AD OPR for:
   a. OPS ABV 20,000KG.
   b. Use of the AD as an alternate.
3. All RWS AVBL with PN.

HANDLING SERVICES AND FACILITIES

CTC AD Manager H24, PN required. AVGAS, JET A1 and 0125. Payment by cash, EFTPOS, MC, V or cheque. No AMEX or Carnet, invoice by arrangement.

PASSENGER FACILITIES

PT/WC/AC/RF/Meals. Fully furnished accommodation should be booked in advance to AD Manager.

AERODROME OBSTACLES

1. Unlit Telstra TWR 810FT AMSL BRG 242 DEG MAG 2.48NM FM THR RWY 09.
2. NDB TWR 672FT AMSL BRG 213 DEG MAG 1.2NM FM ARP.
3. Unlit hangar facade 34FT AGL BRG 112 DEG MAG 137M FM THR RWY 36. Infringes transitional SFC by 4FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR\SPECI.
2. AWIS PH 08 6216 2613 - Report faults to BoM.
3. AWIS FREQ 128.65 (one long transmit pulse of 1 SEC to activate).

PHYSICAL CHARACTERISTICS

09/27	090	44a	PCR 170/F/A/1.10 MPa/U	WID 30	RWS 150
18/36	176	50a	PCR 170/F/A/1.10 MPa/U	WID 45	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 09/27 PTBL(2) BY PRIOR ARRANGEMENT
RWY 18/36 LIRL(1) PAL 119.6 SDBY PWR AVBL
(1) PAL 119.6 requires three one-second pulses to activate.
(2) EMERG only. 90MIN PN.
RWY 18/36 edge light spacing: 90M.

OTHER LIGHTING

ABN FLG 10 W AVBL MAN activation on request
1. Secondary PWR auto switch time: 15 SEC.
2. TWY LGT: Blue edge.

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	134.2 11000FT
UNICOM	FORREST UNICOM	126.7

RADIO NAVIGATION AND LANDING AIDS

NDB FRT 268 305117.6S 1280557.7E Range 90 (HN 75) (1)
(1) 033/1.2 to ARP.

LOCAL TRAFFIC REGULATIONS

1. ACFT hangar parking AVBL.
2. RWY 18/36 transitional SFC may be infringed by ACFT parked on apron.

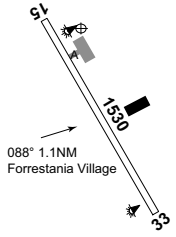
CTAF 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3353.
2. Also refer to AIP Departure and Approach Procedures.

FORRESTANIA ELEV 1362

AVFAX CODE 6312



WA UTC +8 YFTA
323442S 1194224E VAR 0 DEG W CERT
AD OPR IGO Limited, PO Box 496, South Perth, WA, 6951.
Email: fnp.reception@igo.com.au. ARO 0459 937 094. ARO AH 0448 000 992.

REMARKS

1. Restricted OPS. PPR from AD OPR.
2. AD is fenced.

AERODROME OBSTACLES

1. Lit mast 1,638FT AMSL, BRG 079 MAG 1.63NM FM ARP.
2. Transitional SFC infringed by ACFT parked on APN 60M FM RWY CL.
3. Primary IWI 1,395FT AMSL, BRG 245 MAG 0.03NM FM ARP.
4. Secondary IWI 1,379FT AMSL, BRG 157 MAG 0.64NM FM ARP.
5. APN floodlight 1,386FT AMSL, BRG 174 MAG 0.05NM FM ARP.

PHYSICAL CHARACTERISTICS

15/33 146 50c PCR 80/F/B/0.80 MPa/U Gravel WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 15/33 LIRL(2) BY PRIOR ARRANGEMENT
RWY 15/33 PTBL(1) BY PRIOR ARRANGEMENT
(1) 90 MIN PN to ARO
(2) 30 MIN PN to ARO
1. RWY edge light spacing: 15/33: 59M.
2. Lighting is powered by local, manual start, 17kW generator.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.4 Circuit Area

LOCAL TRAFFIC REGULATIONS

ACFT greater than 5,700KG MTOW, MAX RAD turn at RWY end.

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3462.
2. Also refer to AIP Departure and Approach Procedures.

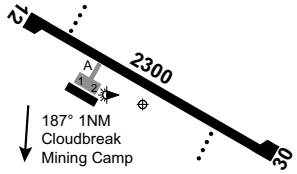
FORTESCUE DAVE FORREST

ELEV 1563

AVFAX CODE 6830

WA		UTC +8	YFDF
221731S	1192614E	VAR 1 DEG E	CERT

AD OPR Chichester Metals (Fortescue Dave Forrest) Pty Ltd, PO Box 6915, East Perth, WA, 6892. Email: cbairport@fortescue.com. PH AD Manager 08 9176 6038. ARO H24 0437 488 818.



REMARKS

PPR 24HR PN required for all unscheduled ACFT.

HANDLING SERVICES AND FACILITIES

Air BP JET A1 CTC AD Manager/ARO.

General

ACFT marshalling is provided for all ACFT.

AERODROME OBSTACLES

1. Terrain (hills) lit LIOL, 1,769FT AMSL PSN 221514.0S 1192453.0E.
2. Extensive terrain penetration of inner HZS to 1,800FT AMSL in N quadrant, BRG 324 to 052 DEG MAG, 2NM to 2.92NM FM ARP.
3. Boundary Fence, 1.9M (6.23FT) infringing transitional SFC by 2FT to 5.25FT AGL, offset 77M FM RWY CL.
4. AWS mast (Lit), 32.8FT AGL, infringing transitional SFC by 23FT, PSN 740M FM RWY 12 SOT 111M right of RWY CL.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS FREQ 130.3 (requires 3 one-second pulses to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

12/30 123 75a PCR 390/F/B/1.45 MPa/U WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 12/30	LIRL	AFRU+PAL 127.05		SDBY PWR AVBL
RWY 12/30	PAPI(1)	AFRU+PAL 127.05	3.0 DEG54FT	SDBY PWR AVBL
RWY 12/30	PTBL(2)			BY PRIOR ARRANGEMENT

(1) Left side. Solar LGT in use.
(2) 90 MIN PN.

1. PAL Activation - allow for a 5 SEC delay for notification of successful activation before a second attempt.
2. Main and SDBY PWR supplied by AD generators.
3. RWY edge light spacing: 59M.
4. Solar RWY and TWY LED LGT in use. Polycarbonate LGT fittings with solar panel on frangible aluminium mounting.
5. Lighting manually activated by ARO 30 MIN prior to scheduled ACFT arrival and deactivated 15 MIN after departure.

OTHER LIGHTING

1. TWY LGT: Blue edge.
2. SDBY PWR switchover time: 10 SEC.

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	128.15 Circuit area
BASE	FORTESCUE BASE	132.025 (2)
UNICOM	FORTESCUE UNICOM	127.05 (1)

(1) AVBL for scheduled movements.
(2) All OPS: Advise AD OPR at least 20 MIN prior to ETA.

LOCAL TRAFFIC REGULATIONS

1. ACFT ABV 5,700KG MTOW use RWY end 45M nodes for 180DEG turns.
2. All traffic to access the APN via TWY A
3. Dual lead in lines on PRKG Bay 1. Lead in lines marked as 1 or 1A.
   a. ACFT to use lead in 1: PC24 and A319.
   b. ACFT to use lead in 1A: A320, B738, F100, E190 and GL7T.
4. No fuel AVBL on Bay 2.
5. Maximum radius, minimum speed turns are required at both turnpads at the runway ends and also when taxiing on departure from Bay 1 and Bay 2.

FLIGHT PROCEDURES

1. DEP RWY 12 left hand turn only as soon as practicable after TKOF. South bound TFC to intercept track overhead YFDF.
2. DEP ACFT to use RWY 30 in calm wind conditions.
3. All ACFT to call airborne on CTAF FREQ as soon as practicable after TKOF.

CTAF - AFRU 127.05

ADDITIONAL INFORMATION

1. Blasting occurs BTN 4.3NM and 13NM to SE and W of ARP BTW 115 and 273 DEG MAG.
2. Dust plumes may occur following blasting.
3. CAUTION: YCHK is in close proximity and the APCH/DEP tracks cross close to the ground. Due to terrain shielding, VHF contact with ACFT on or close to the ground at YCHK is not possible.

CHARTS RELATED TO THE AERODROME

1. WAC 3229.
2. Also refer to AIP Departure and Approach Procedures.

FREGON

ELEV 1732
FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YFRG
264633S 1320103E VAR 4 DEG E UNCR
AD OPR Aparawataja Community Inc, Fregon, via Alice Springs, SA, 0871.
PH 08 8956 7839. Fax 8956 7569.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	121.85 10000FT

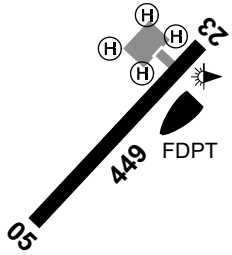
CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3343, 3344.

GARDEN ISLAND HELIPORT — ELEV 36

AVFAX CODE 6023



WA UTC +8 YGAD
321430S 1154102E VAR 2 DEG W MIL
AD OPR NAVY, HMAS Stirling, Rockingham, WA, 6958.
Email: stir.hsf@defence.gov.au. PH Airfield Manager: 08 9553 3921: 0448 719 837.

REMARKS

1. ACFT OPR in vicinity of HMAS Stirling (including embarked ACFT) CTC Airfield Manager 24HR PN.
2. MIL OPS only. HLS not open for public use.
3. REQ to disembark alongside to be approved by Port Services Manager through incompatible operations signal to HMAS Stirling, ATTN PSM West.
4. Visiting ACFT to use 'HSF ACFT MAINT' 132.5 MHz to CTC maintenance staff.
5. Flight Deck Procedural Trainer (FDPT) is hazardous and not to be used without approval from AD MGR.

HANDLING SERVICES AND FACILITIES

F44 24HR PN.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 4 AVBL MON-FRI - 2330 – 0800 UTC EXC PH. HO 24HR PN.
2. ARFFS MNT CTAF 121.0 MHz.

AERODROME OBSTACLES

Numerous vegetation and terrain infringements of APCH, TKOF and PSA in proximity to RWY.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS Phone 08 6216 2614 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

05/23 048 15a PCR 120/F/B/1.00 MPa/T WID 34
Slope 1.9% up to SW FM THR RWY 23 for 100M then 1.6% down to SW to THR RWY 05.

AERODROME AND APPROACH LIGHTING

RWY 05/23 LIRL PAL 124.1
RWY edge LGT non-standard spacing: less than 55M.

OTHER LIGHTING

1. TWY edge LGT and APN edge LGT non-standard colour: yellow.
2. APN edge LGT non-standard spacing: greater than 30M.
3. Holding point unlit.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA PERTH CENTRE 135.25 Circuit Area

LOCAL TRAFFIC REGULATIONS

All takeoffs and landings are to be made from the RWY sealed SFC due to limited movement area.

FLIGHT PROCEDURES

1. Circuit HGT 500FT AGL. Circuit ALT BTN 200 – 2,000FT permitted. Non-standard circuit HGT to be advised.
2. Circuit direction: RWY 05 - Right hand, RWY 23 - Left hand.

CTAF 121.0

Information may be continued on the next page: PTO

NOISE ABATEMENT PROCEDURES

1. ACFT to remain 0.5NM clear of mainland when BLW 1,500FT AMSL, particularly Rockingham and Point Peron.
2. ACFT not to overfly HMAS Stirling FAC.

ADDITIONAL INFORMATION

1. Caution: Hazardous obstacles ADJ to APN with non-compliant line markings.
2. Bird hazard exists. Species-specific NOTAM will be issued during periods of increased activity.

CHARTS RELATED TO THE AERODROME

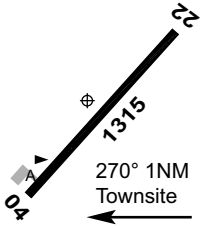
WAC 3462.

GARDEN POINT — ELEV 90

AVFAX CODE 8013

NT		UTC +9:30	YGPT
112357S	1302531E	VAR 2 DEG E	CERT

AD OPR Tiwi Islands Regional Council, PO Box 1, Bathurst Island, via Darwin, NT, 0822.
Email: romel.siplon@tiwiislands.nt.gov.au. PH 08 8970 9600. PH Joseph Bourke 0419 474 562.



REMARKS

1. Except for EMERG OPS, 30MIN PN required BTN 0730-2030 UTC, CTC AD OPR.
2. AD closed to NGT OPS except EMERG only.
3. LDG fees apply per tonne and part thereof.
   a. Fixed wing ACFT 8,999KG MTOW: $40.00/tonne.
   b. Rotary wing ACFT 2,499KG MTOW: $40.00/tonne.
   c. 2,500KG MTOW and over: $50.00/tonne.
   Note: No charge for Australian Army, Department of Defence, NT Police, balloons and gliders.

AERODROME OBSTACLES

1. CAUTION: RWY 04/22 E and W side transitional SFC infringed.
2. Trees:
   a. 111FT AMSL BRG 213 DEG MAG 1,154M FM ARP. Infringes RWY 04 APCH by 2FT.
   b. 101FT AMSL BRG 219 DEG MAG 1,061M FM ARP. Infringes RWY 04 APCH by 4FT.

PHYSICAL CHARACTERISTICS

04/22 040 43c Unrated. Sealed WID 18 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 04/22 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.15 2000FT

CTAF 126.5

CHARTS RELATED TO THE AERODROME

1. WAC 3099.
2. Also refer to AIP Departure and Approach Procedures.

GATTON AIRPARK

ELEV 460

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YGAS
273524S 1521524E VAR 11 DEG E UNCR
AD OPR Gatton Airpark Body Corporate, The Secretary, PO Box 64, Gatton, QLD, 4343.
Email: gabc.secretary@outlook.com. Website: www.gattonairpark.com.

REMARKS

1. PPR. Form AVBL from website.
2. This is a private residential airfield.
3. AD HR of OPR - HJ. Visiting MIL ACFT may OPR HO.
4. For airfield conditions, refer to website.

PHYSICAL CHARACTERISTICS

01/19	25c	Unrated. Gravel and grass. RWY LEN 756M.	WID 32	RWS 90

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	121.2

LOCAL TRAFFIC REGULATIONS

1. Light ACFT PRKG AVBL on tie-downs - not strength rated - at N end of RWY ADJ to machinery shed.
2. Carriage and use of radio is required by the AD OPR.

FLIGHT PROCEDURES

Right hand CCTS RWY 19.

CTAF 126.7

ADDITIONAL INFORMATION

1. Animal hazard exists.
2. Weather camera display AVBL: www.myairportcams.com/ygas. Cameras are not BoM certified. Report faults to AD OPR.

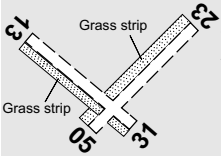
CHARTS RELATED TO THE AERODROME

WAC 3340.

GAWLER

ELEV 165

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YGAW
343555S 1384317E VAR 8 DEG E UNCR
AD OPR AD Owner Light Regional Council, AD Operator Adelaide Soaring Club, PO Box 94, Gawler, SA, 5118. PH 08 8522 1877.

REMARKS

1. PPR - H24 PN to AD OPR.
2. Contact AD OPR for AD procedures.
3. AD Charges: Landing Charges apply.

HANDLING SERVICES AND FACILITIES

AVGAS and MOGAS AVBL with prior arrangement.

AERODROME OBSTACLES

Elevated freeway on approach to RWY 23.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	ADELAIDE CENTRE	130.45

Information may be continued on the next page: PTO

LOCAL TRAFFIC REGULATIONS

1. When gliding operations in progress the active RWY is the RWY in use by the gliding operation. At other times it is the most into-wind RWY.
2. Carriage and use of radio is required by AD OPR.
3. If wind is light and variable, RWY 23 or 31 should be used by all ACFT.
4. AD OPR has a Fly Neighbourly policy to reduce circuit TFC over Gawler township.
5. To support the Fly Neighbourly policy, the following applies:
   a. There is to be no flying prior to 0800 Local
   b. There is to be no circuit flying prior to 0900 Local
6. Straight-in approaches are prohibited except for training purposes.

FLIGHT PROCEDURES

1. The airfield operator has a Fly Neighbourly policy, therefore the following apply Circuit Directions:
   a. RWY 05 Left hand circuits,
   b. RWY 13 Right hand circuits,
   c. RWY 23 Right hand circuits,
   d. RWY 31 Left hand circuits.
2. Light sports aircraft, gliding and microlight OPS HJ - Aerotow and self-launched. Gliders, Tugs and Microlights normally operate inside and BLW standard, 1,000FT circuit. A “Fly Neighbourly” policy exists, therefore circuits, left hand for RWY 05 and 31, right hand for RWY 13 and 23. Unforeseen circumstances and/or training may occasionally see ACFT fly contra or unusual circuits.
3. Gliders and tugs operate FM right hand side of RWY 05 and 31 left hand side of RWY 13 and 23 behind the THR. In a mixed operation ACFT should not make low/shallow approaches and must land beyond THR.

CTAF 126.55

ADDITIONAL INFORMATION

1. Caution - RWY 13 THR is approximately 1,000M from Edinburgh MIL CTR boundary (refer to VTC and DAH for LAT and VER limits).
2. Farm machinery operating on airfield.
3. Weather balloon launches APRX 2315, 1115 UTC FM 320M E THR RWY 31. Launches may occur at other times.

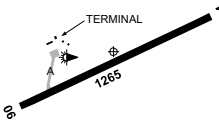
CHARTS RELATED TO THE AERODROME

WAC 3458, 3459.

GAYNDAH

ELEV 372

AVFAX CODE 4008



QLD		UTC +10	YGAY
253655S	1513715E	VAR 10 DEG E	CERT

AD OPR North Burnett Regional Council, PO Box 390, Gayndah, QLD, 4625. Email: admin@northburnett.qld.gov.au. Council PH 1300 696 272. Fax 07 4161 1425.

HANDLING SERVICES AND FACILITIES

World Fuel Services AVGAS and JET A1 H24 self-service bowsers. WFS carnet card, V and MC via Compac Pay mobile APP. Phone: 0448 505 577. CCTV monitoring fuel facility.

PASSENGER FACILITIES

TX (131924 or 07 4161 1092)/LG/WC/AC.

AERODROME OBSTACLES

1. Unlit tower 709FT AMSL BRG 196.70 DEG MAG 1.14NM FM ARP. Infringes inner HZS by 193FT.
2. Hilltop tree 602FT AMSL BRG 242.33 DEG MAG 2.05NM FM ARP. Infringes inner HZS by 86FT.

3. Lit poles:
   a. 716FT AMSL BRG 195.14 DEG MAG 1.14NM FM ARP. Infringes inner HZS by 200FT.
   b. 401FT AMSL BRG 237.29 DEG MAG 0.54NM FM ARP. Infringes APCH SFC by 1FT.

METEOROLOGICAL INFORMATION PROVIDED

METAR/SPECI.

PHYSICAL CHARACTERISTICS

06/24	055	42a	PCR 150/F/D/0.80 MPa/T	WID 23	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 06/24 LIRL AFRU+PAL 126.7 SDBY PWR AVBL

RWY 06/24 edge light spacing: 60M.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 SEC.
2. TWY edge light: blue.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 124.1 2500FT

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Bird hazard may exist.

CHARTS RELATED TO THE AERODROME

1. WAC 3340.
2. Also refer to AIP Departure and Approach Procedures.

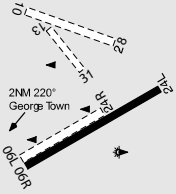
GEORGE TOWN (TAS)

ELEV 120

FULL NOTAM SERVICE NOT AVBL

TAS		UTC +10	YGTO
410448S	1465024E	VAR 14 DEG E	UNCR

AD OPR George Town Airport Association, PO Box 173, George Town, TAS, 7253.
PH 0493 797 649.



REMARKS

PPR. Visitors welcome.

HANDLING SERVICES AND FACILITIES

NIL fuel AVBL.

PHYSICAL CHARACTERISTICS

06L/24R	16c	Unrated. Grass. RWY LEN 500M.	WID 20
06R/24L	26a	Unrated. Sealed. RWY LEN 800M.	WID 17
10/28	18c	Unrated. Grass. RWY LEN 545M.	WID 20
13/31	12c	Unrated. Grass. RWY LEN 380M.	WID 12

RWY 13/31 significant gradient exists from south of APRX mid-field.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 126.5 Circuit Area

FLIGHT PROCEDURES

ACFT are to make all turns to the right in the circuit pattern for a LDG or after TKOF when using RWY 24L, 24R, 31 or 28.

CTAF 127.3

Information may be continued on the next page: PTO

ADDITIONAL INFORMATION

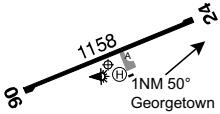
1. PJE OPS HJ within 5NM of AD. SFC to FL150. Drop zone located SW of RWY 06R/24L. CTC AD OPR for additional information.
2. All grass runways and grass areas are subject to wet and soggy conditions.
3. Stock and native wildlife hazards may exist.

CHARTS RELATED TO THE AERODROME

WAC 3556.

GEORGETOWN (QLD) ELEV 995

AVFAX CODE 4323



QLD UTC +10 YGTN
181812S 1433151E VAR 6 DEG E CERT
AD OPR Etheridge Shire Council, PO Box 12, Georgetown, QLD, 4870.
Email: info@etheridge.qld.gov.au. PH 07 4079 9090. ARO 0427 621 279.
Fax 07 4062 1285.

HANDLING SERVICES AND FACILITIES

Georgetown Roadhouse: 2100-1000 UTC DLY. Phone 07 4062 1999,
email: admin@infinitytradingco.org. Limited drum stocks only. More fuel AVBL with PN. AVGAS, JET A1. Cash, major credit cards. Prior notice is preferred.

PASSENGER FACILITIES

WC/AC.

AERODROME OBSTACLES

1. Unlit masts:
   a. 1,141FT AMSL, BRG 079 MAG 0.79NM FM ARP. Infringes inner HZS.
   b. 1,145FT AMSL, BRG 090 MAG 0.65NM FM ARP. Infringes inner HZS.
2. Boundary fence. Infringes TNS.

METEOROLOGICAL INFORMATION PROVIDED

TAF CAT D, METAR/SPECI

PHYSICAL CHARACTERISTICS

06/24 057 38a 5700 kg/0.74 MPa WID 18 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 06/24 LIRL(1) AFRU+PAL 126.7 SDBY PWR AVBL
(1) SDBY PWR MAN ACT on 45MIN PN.
RWY edge light spacing: 60M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	119.8 5000FT
FIA	BRISBANE CENTRE	118.6 12000FT

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Animal hazard exists.

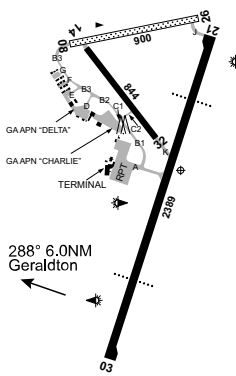
CHARTS RELATED TO THE AERODROME

1. WAC 3220.
2. Also refer to AIP Departure and Approach Procedures.

GERALDTON

ELEV 122

AVFAX CODE 6003



WA		UTC +8	YGEL
284746S	1144227E	VAR 1 DEG W	CERT

AD OPR City of Greater Geraldton, PO Box 101, Geraldton, WA, 6531. Email: geraldtonairport@cgg.wa.gov.au. ARO H24 08 9956 6701: 0428 642 914: 0429 456 413: 0438 628 004: 0439 930 224. Website: https://airport.cgg.wa.gov.au.

REMARKS

1. AD Charges: Weight based, refer website.
2. This AD is a Security Controlled Airport.
3. AD main entry gate is locked 2100-0500 Local. AH access only by arrangement.
4. PPR FM AD OPR for use of AD for all international and domestic alternate requirements.

HANDLING SERVICES AND FACILITIES

World Fuel Services: H24. 0800-1700 Local MON-FRI 30MIN PN. AH 1HR PN. AH service fee applies. JET A1, AVGAS. Phone 0491 233 624.
North West Aviation Services (Ground Handling Agent) 08 9923 3745, email: getairport@nwas.net.au.

PASSENGER FACILITIES

PT/ME Phone 0402 344 885, 08 9924 6877 or 0428 579 863/TX Phone 131 008/HC/LG/RF RPT FLT times 0437 787 660/WC H24 (GA Terminal Delta ADJ APN Delta (Shine))

APRONS AND TAXIWAYS

1. TWY A and Bay 5A Code E ACFT. Main RPT APN Bays 1 to 5 Code C ACFT.
2. TWY B1, C1, APN Charlie Code B ACFT 22,000KG MAX.
3. TWY B2, C2, D, K, APN Delta (Shine) Code B ACFT 8,500KG MAX.
4. RWY 14/32 AVBL for Code B TAX ACFT 8,500KG MAX.
5. All other TWY and APN are Code A ACFT 5,700KG MAX.

AERODROME OBSTACLES

1. Lit mast:
   a. 348DEG MAG 7.1NM FM ARP. Mast height 1,202FT.
   b. 280DEG MAG 1.9NM FM ARP. Mast height 252FT.
   c. 034DEG MAG 3.81NM FM ARP. Mast height 492FT.
2. High terrain:
   a. 344DEG MAG 3.5NM FM ARP, 331FT, penetrates inner HZS.
   b. 050DEG MAG 3NM FM ARP, 324FT, penetrates inner HZS.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS Phone 08 6216 2615 - Report faults to BoM.
3. AWIS FREQ 131.65 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

03/21	020	78a	PCR 589/F/B/X/T Grooved	WID 45	RWS 300
08/26	081	30c	5700 kg/0.66 MPa Red Gravel	WID 18	RWS 90
14/32	144	28a	PCR 37/F/B/Z/U	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 03/21	LIRL	AFRU+PAL 126.8		SDBY PWR AVBL
RWY 03/21	PAPI	AFRU+PAL 126.8	3.0 DEG65FT	SDBY PWR AVBL

1. RWY edge light spacing: 03/21: 60M.
2. PAL cycle 60MIN.

OTHER LIGHTING

1. SDBY PWR switchover time: 30 SEC.
2. TWY LGT: Blue edge (TWY A); Green CL reflective markers (TWY B1, B2, B3).

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	121.2 On Ground

RADIO NAVIGATION AND LANDING AIDS

DME	GEL	113.9/ 86X	284725.2S	1144222.0E		(1)
NDB	GEL	359	284754.3S	1144206.5E	Range 100 (HN 80)	(2)
VOR	GEL	113.9	284725.2S	1144222.0E		

(1) Antenna ELEV 137FT.
(2) 097/0.33 to ARP

LOCAL TRAFFIC REGULATIONS

1. PRKG PPR from AD Manager on RPT APN, APN Charlie Bays 20 and 21 and APN Delta (Shine).
2. For OPS west of Geraldton, refer to ERC L8 for the lateral bounds of the Abrolhos Islands CTAF. All OPS on the Abrolhos Island CTAF on 127.1.
3. All ACFT ABV 50,000KG to use turning nodes, MAX RAD turns at MNM speed.
4. ACFT to use MNM power when entering, exiting and operating on all APN.

CTAF - AFRU 126.8

ADDITIONAL INFORMATION

1. Weather balloon launch 2315 UTC TUE-FRI FM 1.3KM SSW ARP. Additional launch may occur at other times.
2. Caution: due to terminal and terrain shielding, taxiing ACFT and/or ground vehicles operating at one end of the airfield may not receive CTAF transmissions from ACFT and/or ground vehicles at the other end.
3. Possible plume rise hazard FM power plant located 0.43NM WSW RWY 08 THR, plume height and velocity not AVBL.

CHARTS RELATED TO THE AERODROME

1. WAC 3351.
2. Also refer to AIP Departure and Approach Procedures.

GIBB RIVER

ELEV 1669

AVFAX CODE 6907

FULL NOTAM SERVICE NOT AVBL

WA			UTC +8	YGIB
162507S	1262646E		VAR 2 DEG E	UNCR



REMARKS

PPR.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	120.75 FL200

CTAF 128.0

CHARTS RELATED TO THE AERODROME

WAC 3222.

GILES

ELEV 1900

AVFAX CODE 6404 **FULL NOTAM SERVICE NOT AVBL**

WA		UTC +8	YGLS
250300S	1281800E	VAR 3 DEG E	UNCR

AD OPR Warakurna Community, PMB 62, Alice Springs, NT, 0872.
Email: warakurna2@bigpond.com. PH 08 8956 7366. Fax 8956 7367.

METEOROLOGICAL INFORMATION PROVIDED

TAF CAT D. METAR/SPECI.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	121.85 FL160

CTAF 126.7

ADDITIONAL INFORMATION

Weather balloon launch APRX 2315 and 1115 UTC FM 1.4KM NNE THR RWY 31. Launches may occur at other times.

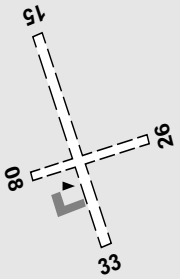
CHARTS RELATED TO THE AERODROME

WAC 3344.

GILGANDRA

ELEV 947

FULL NOTAM SERVICE NOT AVBL



NSW		UTC +10	YGIL
314149S	1483810E	VAR 11 DEG E	UNCR

AD OPR Gilgandra Shire Council, PO Box 23, Gilgandra, NSW, 2827.
PH 02 6817 8800.

PASSENGER FACILITIES

WC/TX 131008.

PHYSICAL CHARACTERISTICS

RWY 15/33 1,275M gravel.
RWY 08/26 575M grass.

AERODROME AND APPROACH LIGHTING

PAL 120.6

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	127.1 5000FT

FLIGHT PROCEDURES

1. RH CCTS REQ for OPS RWY 15 and RWY 26
2. Airfield used by RAAF for operational training, sometimes in radio silence. Broadcast presence on CTAF 126.7. Contact Gilgandra Aero Club 0404 499 281.

CTAF 126.7

ADDITIONAL INFORMATION

Bird and kangaroo hazard exists.

CHARTS RELATED TO THE AERODROME

WAC 3356, 3357.

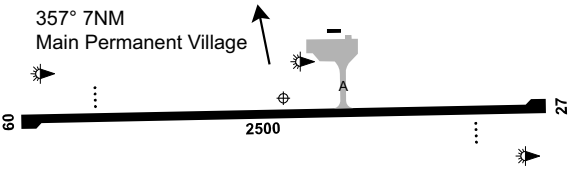
Information may be continued on the next page: PTO

GINBATA

ELEV 1409

AVFAX CODE 6831

WA UTC +8 YGIA
223452S 1200208E VAR 1 DEG E CERT
AD OPR Roy Hill Iron Ore Pty Ltd, Roy Hill Mine, PO Box Locked Bag No. 2, West Perth, WA, 6872. Email: rh.aerodrome@royhill.com.au. PH AD Manager 08 9154 2380. ARO 0448 175 250. Mobile 0448 194 305.



REMARKS

1. Restricted OPS. PPR for itinerant ACFT.
2. Terminal access by prior arrangement.

HANDLING SERVICES AND FACILITIES

Air BP: JET A1 CTC AD Manager/ARO.

AERODROME OBSTACLES

1. Terrain 1,562FT AMSL BRG 061 DEG MAG 2.5NM FM ARP. Infringes inner HZS by 7FT.
2. Lit COM TWR 1,644FT AMSL BRG 037 DEG MAG 2.06NM FM ARP. Infringes inner HZS by 81FT.
3. APN flood LGT infringe TNS at FLW LOC:
   a. BRG 038 MAG 0.19NM FM ARP. Infringes by 2FT.
   b. BRG 047 MAG 0.23NM FM ARP. Infringes by 2FT.

METEOROLOGICAL INFORMATION PROVIDED

AWIS FREQ 123.15 (requires three one-second pulses to activate) - report faults to AD OPR.

PHYSICAL CHARACTERISTICS

09/27 089 82a PCR 370/F/B/Y/U WID 45 RWS 300
RWY shoulders 1.5M.

AERODROME AND APPROACH LIGHTING

RWY 09/27 LIRL(1) PAL+AA 120.05 SDBY PWR AVBL
RWY 09/27 PAPI(1) PAL+AA 120.05 3.0 DEG49FT SDBY PWR AVBL
(1) SDBY PWR supplied by AD generators.
RWY edge light spacing: 09/27: 59.6M.

OTHER LIGHTING

1. SDBY PWR (automatically activated) switchover time: 30 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 128.15

LOCAL TRAFFIC REGULATIONS

1. AD AVBL for OPS H24.
2. All ACFT to turn at RWY ends only, MAX RAD turns at MNM speed.

FLIGHT PROCEDURES

Right hand CCTS - RWY 09.

CTAF - AFRU 127.05

AFRU signal not heard on ground.

ADDITIONAL INFORMATION

UA (multi-rotor 7KG) OPR WI 10NM radius of 223242S 1195854E BRG 304MAG 4NM FM ARP, SFC to 1,000FT AGL. OPR will BCST on 127.05 15MIN prior to launch and at 15MIN intervals whilst airborne. OPR CTC 0419 924 011.

CHARTS RELATED TO THE AERODROME

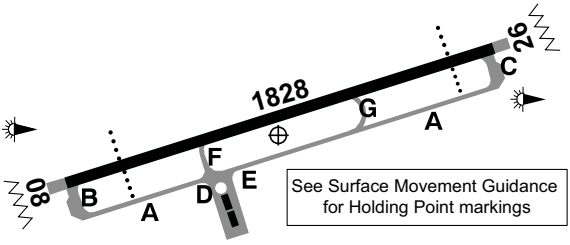
1. WAC 3229, 3230.
2. Also refer to AIP Departure and Approach Procedures.

GINGIN — ELEV 247

AVFAX CODE 6021

WA		UTC +8	YGIG
312755S	1155148E	VAR 2 DEG W	MIL

AD OPR RAAF, Airbase Operations Centre - RAAF Base Pearce, Bullsbrook, WA, 6084.
Email: pea.aboc@defence.gov.au. PH 08 9571 7888. Mobile 0419 273 062.



REMARKS

1. Operations for ACFT BLW 15,000KG. PPR for civil ACFT. RFFS during RAAF training HO. Occasional civil JF training. HEL operate from tarmac.
2. 0030-0830 UTC MON-THU; 0030-0630 UTC FRI. FAC may be unmanned during promulgated HR

HANDLING SERVICES AND FACILITIES

All PEARCE listings AVBL. PN to PEARCE.

RESCUE AND FIREFIGHTING SERVICES

CAT 4 HO only. CTC Pearce SNCOIC Fire 08 9571 7666 or SARO 08 9571 7120.

APRONS AND TAXIWAYS

1. Strength/PCR:
   a. APN PCR 100/A.
   b. TWY A, B, C, D, E, F, G PCR 100/A.
   c. Engine run-up bay PCR 100/A.
2. Caution:
   E and W holding bays on TWY B and C are LCA within RWS.
   Parking bays on TWY B and C are within RWS.

SURFACE MOVEMENT GUIDANCE

Distance marker boards. CWY 3,000FT X 150FT, overrun 1,000FT.
TWY B, C, F and G painted HLDG PTS not coincident with TWY lighting HLDG PTS. Painted HLDG PTS aligned with RWS gable markers. Lit HLDG PTS are inside RWS.

AERODROME OBSTACLES

1. Unlit and marked communications tower 896FT AMSL BRG 027 MAG 6.9NM FM ARP. Infringes outer HZS by 164FT.
2. Unlit communications tower 810FT AMSL BRG 027 MAG 6.9NM FM ARP. Infringes outer HZS by 79FT.
3. Lit ATC radar tower 774FT AMSL BRG 041 MAG 5.6NM FM ARP. Infringes outer HZS by 43FT.
4. Various OBST infringing OLS. CTC AD OPR for details.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C. METAR/SPECI.
2. AWIS Phone 08 6216 2616 - Report faults to BoM.
3. MET INFO AVBL FM Airservices pilot briefing. Elaborative briefing FM Defence MO 08 9571 7125 when staffed.

Information may be continued on the next page: PTO

PHYSICAL CHARACTERISTICS

08/26 077 60a PCR 100/F/A/X/T F28 WID 45 RWS 230

ARRESTING GEAR

RWY 08	M34B(R) 30 (100) OVRN	--------	M34B (R) RWY 26 30 (100) OVRN

1. Routine servicing for M34B
   MON-THU - 2200-0000 UTC
   FRI - 2200-0030 UTC
   WAE will require 15 MIN notice to vacate RWY.
2. Nil RESA AVBL due M34B barrier infrastructure infringement on overrun SFC.
3. Barriers equipped with flashing red LGT located either side of barrier. If LGT are visible on final APCH, landing is being attempted over raised barrier.
4. M34B arrestor system is only made AVBL on request (24HR PN), and operated when TWR is active.

AERODROME AND APPROACH LIGHTING

RWY 08/26	MIRL		SDBY PWR AVBL
RWY 08/26	PAPI(1)	3.0 DEG28FT	SDBY PWR AVBL

(1) Both sides.

1. Light signals may not be visible to ACFT under high ambient light conditions.
2. Possible 60 SEC switchover period during PWR outage for SDBY PWR.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	PERTH CENTRE	135.25 Circuit area (Outside GIG TWR HR)
APP	PEARCE APPROACH	130.2
SMC	GINGIN GROUND	267.0
SMCV	GINGIN GROUND	121.65
TWR	GINGIN TOWER	118.5 243.0 (1) 372 (2)

(1) EMERG FREQ guarded

(2) Transmits voice in EMERG to ACFT with COM failure.

All ATS HO.

RADIO NAVIGATION AND LANDING AIDS

NDB	GIG	372	312735.0S	1155156.0E	Range 100 (HN 75)	(1)
TAC	PEA	112.8/ 75X	314026.0S	1160103.0E		(2)

(1) Pilot monitored when TWR unmanned - 203/0.4 to ARP.

(2) 343/0.39 to PEARCE ARP, 329/14.79 to GINGIN ARP - LIMITATION: Reception unreliable BTN 020-150 BLW 12000FT due to terrain shielding and signal reflections. Range and BRG unlocks 325 to 350 at 35NM and at 45NM BTN 3000-4000FT. Limited due BRG oscillations of up to +/- 6 DEG BTN 35NM and 45NM at 2600FT on 190 radial. SUBJ INTRP cone of silence 067 DEG instead of 060 DEG. Information loss may be longer than expected.

LOCAL TRAFFIC REGULATIONS

Circuit training - civil aircraft:

a. When undertaking circuit training outside of Pearce Restricted Area activation, all circuits must be conducted to a visual overshoot.
b. Full stop and touch and go landings are not permitted, unless prior authorisation has been obtained from Pearce Airbase Command Post on 08 9571 7888.

FLIGHT PROCEDURES

1. Right hand CCTS RQ when OPR RWY 08.

2. AIR TRAFFIC SERVICES

a. Class D ATS provided to state ACFT and approved CIV ACFT within Pearce RA and Gingin CTR.
b. Other ACFT receive class C ATS with respect to all ACFT in Pearce RA. Class C VMC applies for all ACFT in Pearce RA, excluding Pearce and Gingin circuit area where class D VMC applies to MIL and AUTH CIV ACFT.

3. **REMOTELY PILOTED AIRCRAFT SYSTEMS (RPAS)**

3.1. See Pearce (YPEA) FAC for all RPAS requests in Pearce Restricted Areas.

CTAF - AFRU 118.5

ADDITIONAL INFORMATION

1. Animal hazards exists.
2. Wildlife management program ACT in VCY of AD. 10MIN PN RQ to vacate movement areas. Activity will be de-conflicted with planned flying. CS 'CHASER', PH 0407 232 172.

CHARTS RELATED TO THE AERODROME

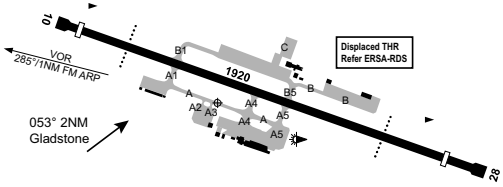
1. WAC 3351, 3462.
2. MIL Aerodrome Obstruction Chart Type A: DEC 2024.

GLADSTONE — ELEV 59

AVFAX CODE 4023

QLD		UTC +10	YGLA
235211S	1511322E	VAR 10 DEG E	CERT

AD OPR Gladstone Airport Corporation, PO Box 7200, Kin Kora, QLD, 4680.
Email: admin@gladstoneairport.com.au. PH 07 4977 8800. ARO Duty 07 4977 8812 (H24).



REMARKS

1. AD charges apply, refer to Gladstone Airport conditions of use document. CTC AD OPR by phone/email, 0830-1630 Local.
2. For CHTR OPS 48 HR PN. CTC AD OPR by phone/email. 0830-1630 Local.
3. This AD is a Security Controlled Airport. All pilots and operators must possess and display a current Aviation Security Identification Card (ASIC) when airside.
4. Access to airside RPT aprons. CTC ARO by phone.
5. PN for GA access outside 0900-2030 Local. CTC ARO by phone.

HANDLING SERVICES AND FACILITIES

VIVA: Phone 0427 239 293. Email: gladstonears@outlook.com.Refuelling operating hours 0600-1800 Local MON-FRI, 0600-1700 Local SAT, 0900-1800 Local SUN, 30 MIN PN required for JET A1. AH call-out fees apply. Swipe bowser AVGAS located GA apron via TWY A2 or A3. Viva fuel and Fly2Sky card, VIVA carnet card and credit cards (V and MC).

RESCUE AND FIREFIGHTING SERVICES

1. CAT 6:
   a. MON 2015-1110 UTC.
   b. TUE 2015-1030 UTC.
   c. WED-FRI 2015-1110 UTC.
   d. SAT 2020-0730 UTC.
   e. SUN 0025-1110 UTC.
2. 131.0 MHz AVBL HO.

APRONS AND TAXIWAYS

1. TWY A4 and A5 and A East of TWY A4 - PCR 580/F/C/X/T.
2. TWY A1 and A West of TWY A4 - unrated.
3. TWY B and TXL C - PCR 580/F/D/Y/T.
4. Southern helipads MAX D value 13M. Larger helicopters must use northern helipads.

AERODROME OBSTACLES

1. Light poles, road signs and transient OBST up to 9FT at RWY ends.
2. Fence 41FT AMSL. Infringes TKOF SFC by 3FT.
3. APN lights infringe TNS by MAX 51FT:
   a. Bays 1-4 centred PSN 235216.8S 1511327.8E.
   b. Bay 5,135FT AMSL PSN 235216.7S 1511332.7E.

Information may be continued on the next page: PTO

4. Steady OBST lights
   a. 219FT AMSL PSN 235134.4S 1511426.1E. Infringes inner HZS by 19FT.
   b. 218FT AMSL PSN 235133.5S 1511423.4E. Infringes inner HZS by 18FT.
   c. 160FT AMSL PSN 235151.7S 1511302.3E. Infringes TNS by 9FT.
   d. 317FT AMSL PSN 235118.2S 1511545.3E. Infringes inner HZS by 117FT.
   e. 210FT AMSL PSN 235154.1S 1511215.3E. Infringes TNS by 14FT.
   f. 219FT AMSL PSN 235233.0S 1511511.1E. Infringes RWY 10 TKOF SFC by 52FT.
   g. 180FT AMSL PSN 235243.5S 1511454.5E. Infringes RWY 10 TKOF SFC by 35FT.
   h. 209FT AMSL PSN 234945.6S 1511238.8E. Infringes COS by 9FT.
   i. 80FT AMSL PSN 235157.6S 1511258.0E. Infringes TNS by 7FT.
5. Lit chimneys infringe inner HZS by MAX 304FT
   a. 501FT AMSL PSN 235058.8S 1511311.3E.
   b. 505FT AMSL PSN 235102.2S 1511311.3E.
   c. 504FT AMSL PSN 235105.7S 1511311.2E.
6. Flashing hazard beacons:
   a. 359FT AMSL PSN 235236.3S 1511238.8E. Infringes inner HZS by 281FT.
   b. 540FT AMSL PSN 235206.6S 1511519.3E. Infringes inner HZS by 340FT.
   c. 459FT AMSL PSN 234951.4S 1510906.2E.
   d. 1,219FT AMSL PSN 234817.1S 1510734.0E.
   e. 534FT AMSL PSN 235334.5S 1511522.5E. Infringes inner HZS by 397FT.
7. Unlit OBST:
   a. 87FT AMSL PSN 235206.9S 1511334.1E. Infringes TNS by 4FT.
   b. 2,084FT AMSL PSN 234818.1S 1510509.4E.
   c. 381FT AMSL PSN 235237.4S 1511236.1E.
   d. 380FT AMSL PSN 235347.3S 1511405.7E.
   e. 210FT AMSL PSN 235154.5S 1511215.7E. Infringes TNS by 18FT.
8. Trees:
   a. 114FT AMSL PSN 235227.7S 1511401.4E. Infringes TNS by 14FT.
   b. 90FT AMSL PSN 235225.7S 1511357.2E. Infringes TNS by 3FT.
   c. 94FT AMSL PSN 235224.3S 1511352.3E. Infringes TNS by 5FT.
   d. 106FT AMSL PSN 235225.4S 1511353.0E. Infringes TNS by 6FT.
   e. 194FT AMSL PSN 235154.2S 1511217.1E. Infringes RWY 10 visual segment SFC by 10FT.
   f. 201FT AMSL PSN 235152.8S 1511214.5E. Infringes RWY 10 visual segment SFC by 8FT.
   g. 133FT AMSL PSN 235206.2S 1511254.4E. Infringes TNS by 5FT.
   h. 127FT AMSL PSN 235204.5S 1511253.7E. Infringes TNS by 17FT.
   i. 100FT AMSL PSN 235203.3S 1511253.8E. Infringes TNS by 6FT.
   j. 119FT AMSL PSN 235203.2S 1511251.3E. Infringes TNS by 12FT.
   k. 87FT AMSL PSN 235203.0S 1511257.1E. Infringes TNS by 15FT.
   l. 124FT AMSL PSN 235224.3S 1511345.4E. Infringes TNS by 1FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS Phone 07 3564 3715 - Report faults to BoM.
3. AWIS FREQ 126.85 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

10/28 101 63a PCR 580/F/C/X/T Grooved WID 30 RWS 150

Check APRONS AND TAXIWAYS for additional pavement information.

AERODROME AND APPROACH LIGHTING

RWY 10/28	LIRL	AFRU+PAL 118.8		SDBY PWR AVBL
RWY 10	PAPI	AFRU+PAL 118.8	3.0 DEG53FT	SDBY PWR AVBL
RWY 10	RTIL	AFRU+PAL 118.8		SDBY PWR AVBL
RWY 28	PAPI	AFRU+PAL 118.8	3.0 DEG52FT	SDBY PWR AVBL

1. RWY 10/28 edge light spacing: 60M. LIRL white-coloured.
2. RWY 10 HIRL edge lights stages 4-6 AVBL by pilot request only white-coloured, yellow-coloured for the last 600M. Contact ARO Duty CTAF 118.8 0500-2030 Local. Phone 07 4977 8812 (H24) 20mins PN required.
3. THR: Green.
4. RWY ends: Red.

OTHER LIGHTING

HBN To NE, SE & W of AD

1. Secondary PWR switchover time: 30 SEC.
2. TWY LGT: Blue Edge.
3. Taxi guidance beyond RWY THR: Blue - pavement ends.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 119.55 On ground

On ground COM may be available with ATS dependent on ACFT location, building shielding and railway activity.

RADIO NAVIGATION AND LANDING AIDS

VOR GLA 116.3 235154.9S 1511215.9E (1)

(1) 105/1 NM to ARP. Possible excessive needle fluctuations BTN 275 and 300 radials BLW 10,000FT. Possible minor needle fluctuations on VOR RWY 28 APCH at and BLW 1,000FT.

LOCAL TRAFFIC REGULATIONS

1. ACFT are required to use entire width of RWY to execute 180DEG turns.
2. Skid mounted ACFT are not permitted to park on sealed or asphalt aprons without AD OPR approval.
3. Due to limited PRKG non SKED ACFT ABV 5,700KG MTOW and Jet ACFT RQ AD OPR approval on 48 HR notice.
4. Parking on the RPT APN Bays 1-4 is restricted to RPT ACFT or ACFT approved by the AD OPR.
5. TWY A2, A3 and B5 unavailable to ACFT above 5,700KG MTOW.
6. TWY B west of TWY B5, TWY B1, northern ACFT storage APN and TWY C only AVBL with AD OPR approval.
7. RWY 10/28 intermediate turning nodes unlit.

FLIGHT PROCEDURES

Right hand circuits required RWY 28.

CTAF - AFRU 118.8

ADDITIONAL INFORMATION

1. High Intensity Lighting in vicinity of railway site on APCH to RWY 10.
2. Bird hazard exists. Species-specific NOTAM will be issued during periods of increased activity.
3. Bird hazard (lorikeets) ACT in VCY of THR RWY 28, particularly at dusk.
4. Wildlife hazard (Flying Foxes/Bats) ACT in VCY of RWY 10/28, 30MIN before last light and 1HR after last light.

CHARTS RELATED TO THE AERODROME

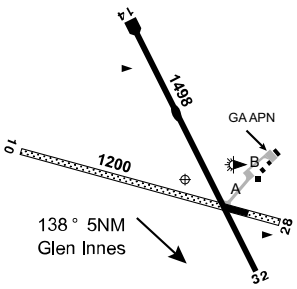
1. WAC 3235, 3340.
2. Aerodrome Obstacle Chart, Type A Charts: RWY 10/28, December 2024.
3. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

GLEN INNES

ELEV 3431

AVFAX CODE 2043



NSW UTC +10 YGLI
294030S 1514122E VAR 11 DEG E CERT
AD OPR Glen Innes Severn Council, PO Box 61, Glen Innes, NSW, 2370. PH MGR BH 02 6730 2347. ARO BH 0409 904 246
AVBL AH for EMERG or aeromedical flights only.

REMARKS

1. This AD is not a Security Controlled Airport.
2. AD charges: All ACFT.

HANDLING SERVICES AND FACILITIES

Refuelling not AVBL.

PASSENGER FACILITIES

WC/TX

APRONS AND TAXIWAYS

1. Main APN: Bitumen.
2. TWY A: Bitumen, Code C, WID 15M, Outer Main Gear Wheel Span up to 9M.
3. TWY B: Bitumen, Code A, WID 7.5M, Outer Main Gear Wheel Span up to 4.5M, MTOW 3,500KG.

AERODROME OBSTACLES

1. TWR x 3 LIOL 4,022FT AMSL BRG 163 MAG 2.4NM FM ARP.
2. Terrain 3,857FT AMSL BRG 050 MAG 1.8NM FM ARP.
3. Terrain 3,910FT AMSL BRG 187 MAG 3.6NM FM ARP.
4. Terrain 3,710FT AMSL BRG 193 MAG 2.5NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 02 9353 6421 - Report faults to BoM.
3. AWIS FREQ 133.575 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

10/28	094	39c	Unrated. Gravel.	WID 30	RWS 90
14/32	143	49a	PCR 170/F/D/0.80 MPa/T	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 14/32 LIRL PAL 125.3
RWY edge light spacing: 90M.

OTHER LIGHTING

1. Main APN flood-lit via PAL.
2. GA APN unlit.
3. TWY A, B hold lights at RWY 14/32 yellow. TWY B unlit.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 134.2 Circuit area

LOCAL TRAFFIC REGULATIONS

GA APN only AVBL to ACFT below 3,500KG MTOW.
CTAF 126.7

ADDITIONAL INFORMATION

Wildlife hazard may exist.

CHARTS RELATED TO THE AERODROME

1. WAC 3357.
2. Also refer to AIP Departure and Approach Procedures.

GLENAMPLE HELIPORT

ELEV 200

FULL NOTAM SERVICE NOT AVBL

VIC UTC +10 YGHP
383937S 1430622E VAR 11 DEG E UNCR
AD OPR 12 Apostles Helicopters, Glenample, Princetown, VIC, 3269. PH 03 5598 8283.

REMARKS

1. HLS charges: $50/landing.
2. PPR for all OPS - Phone 03 5598 8283.
3. Heliport closed before 0800 Local and after 1HR before sunset daily.

HANDLING SERVICES AND FACILITIES

12 Apostles Helicopters: 0830-1700 Local DLY (later in summer). PN required 03 5598 8283.
JET A1 and AVGAS AVBL, V and MC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.8

FLIGHT PROCEDURES

No flying over adjacent visitor facilities to the S - all approaches and DEP to the N, E or W.

CTAF 127.1

CHARTS RELATED TO THE AERODROME

WAC 3469.

GLENBROOK HLS

ELEV 645

AVFAX CODE 2006

NSW UTC +10 YGBK
334542S 1503810E VAR 13 DEG E MIL
AD OPR Airbase Command Post, RAAF Glenbrook, NSW, 2773. Email: gln.abcp@defence.gov.au. PH 02 4737 7888. Mobile 0438 644 208.

REMARKS

PPR 24HR PN. Contact AD OPR.

RESCUE AND FIREFIGHTING FACILITIES

RFFS limited to two fire bottles on HLS and civilian response.

AERODROME OBSTACLES

Windsock located 59M S of landing pad.

PHYSICAL CHARACTERISTICS

Grass HLS, on open area abutting road, landing pad marked by white H.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA SYDNEY CENTRE 124.55 Circuit area
GLENBROOK OPERATIONS AVBL on 118.05 (PPR 24HR PN, only active during expected movements).

FLIGHT PROCEDURES

Two recommended approach corridors:

a. Corridor 1 - Bearing 056° (Approach)/ 236° (Departure)
Caution:
Trees - 63M distance, 7M high, bearing 055°, 7.95° gradient (~5.6° from centre of landing pad)
Tree - 49M distance, 16M high, bearing 019°, 14° gradient (outside of corridor)

b. Corridor 2 - Bearing 260° (Approach)/ 080° (Departure)
Caution:
Trees - 26M distance, 5M high, bearing 078°, 12.9° gradient (~8.5° from centre of landing pad)
Tree - 77M distance, 17M high, bearing 068°, 13.1° gradient (outside of corridor)

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3456.

Information may be continued on the next page: PTO

GLENORMISTON

ELEV 519

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YGLO
225320S 1384927E VAR 6 DEG E UNCR
AD OPR North Australian Pastoral Company, PMB 31, Glenormiston, Mount Isa, QLD, 4825.
Email: glenormiston.admin@bigpond.com. PH 07 4746 1211. Fax 4746 1237.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.4 FL200

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3233.

GNARWARRE

ELEV 420

FULL NOTAM SERVICE NOT AVBL

VIC UTC +10 YGNE
380954S 1440627E VAR 12 DEG E UNCR
AD OPR North Park, 345 Gnarwarre Road, Gnarwarre, VIC, 3221.
Email: nicolefobawpa@protonmail.com. PH 0429 999 824.

REMARKS

Prior permission required.

PHYSICAL CHARACTERISTICS

RWY 06/24 length 950M, SFC unrated, grass. WID 15M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 126.8
FIA MELBOURNE CENTRE 134.325

FLIGHT PROCEDURES

Right hand CCTS required when OPR on RWY 24.

CTAF 119.0

CHARTS RELATED TO THE AERODROME

WAC 3469, 3470.

GNOWANGERUP

ELEV 920

AVFAX CODE 6314



WA UTC +8 YGNW
335837S 1180040E VAR 1 DEG W CERT
AD OPR Shire of Gnowangerup, 28 Yougenup Rd, Gnowangerup, WA, 6335. Email: gnpshire@gnowangerup.wa.gov.au. PH 08 9827 1007: AD MGR 0499 899 423. Fax 08 9827 1409.

REMARKS

1. Nil AD charges.
2. PPR for all night OPS.

PASSENGER FACILITIES

LG/WC (for access to terminal airside - see notice on side door). Mobile phone coverage (Telstra only).

PHYSICAL CHARACTERISTICS

12/30 123 49a PCR 70/F/C/0.90 MPa/U WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 12/30 LIRL(1) PAL 120.15 SDBY PWR AVBL
(1) HN and EMERG only. SDBY PWR MAN ACT 60 MIN PN.
RWY 12/30 edge light spacing: 60M.

OTHER LIGHTING

TWY light: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.4 2000FT

LOCAL TRAFFIC REGULATIONS

1. ACFT to make 180 DEG turns on RWY at MAX RAD, MNM speed.
2. PRKG Bay restrictions:
   a. Bay 1A unavailable when Bay 1 is occupied.
   b. Bay 1 unavailable when Bay 1A is occupied.
   c. Access to APN from TWY is unavailable when Bay 1A is occupied.
   d. Access to TWY from APN is unavailable when Bay 1A is occupied, with the exception of the ACFT occupying Bay 1A.
3. PRKG:
   a. Bay 1: PC24, SF34
   b. Bay 1A: AT75, DH8C - Prior approval required from AD Manager/ARO.
   c. GA ACFT contact AD MGR for PRKG information.
4. ACFT departing Bays 1 and 1A to use idle power after initiating taxi until ACFT is clear of the APN.

FLIGHT PROCEDURES

All ACFT are requested to overfly before joining the circuit.

CTAF 126.7

ADDITIONAL INFORMATION

Fully fenced.

CHARTS RELATED TO THE AERODROME

1. WAC 3462.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

GOLD COAST

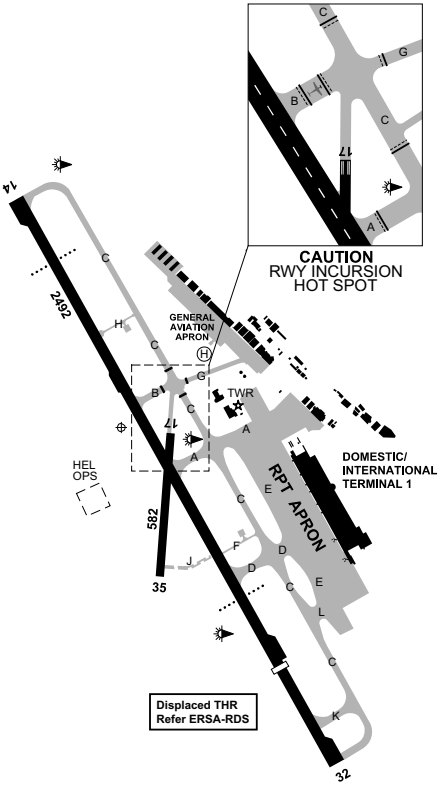
ELEV 21

AVFAX CODE 4011

QLD UTC +10 YBCG

280952S 1533017E VAR 12 DEG E CERT

AD OPR Gold Coast Airport Pty Limited, Level 1, Airport Central, 1 Eastern Avenue, Bilinga, QLD, 4225. PH 07 5589 1100. ARO 0407 755 722 AH.



REMARKS

1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport.
3. All pilots and operators must possess and display a current Aviation Security Identification Card (ASIC) when airside.
4. Prior consent from Gold Coast Airport for the use as a scheduled international alternate. Gold Coast Airport may require a separate agreement as capacity is limited.

HANDLING SERVICES AND FACILITIES

Air BP: Phone 0488 429 471, 0700-1600 Local MON-SUN. AH call-out fee applies. AVGAS, JET A1, JET A1-FSII, Shell lubricants.

Platinum Business Aviation Centre: Office HR 2100-0700 UTC MON-FRI, AH 24HR PN call 07 5688 6600, call-out fee applies. VHF 131.975 MHz, JET A1, AVGAS, World Fuel Carnet, V and MC. Ramp parking/hangarage on request, full FBO facility and all associated services AVBL.

Ampol: 2100-0900 UTC DLY, Phone 07 5688 6690, AH 0439 307 259. AH by arrangement. JET A1, O125, O156. AH call-out fee $50.

General

AD OPR does not provide ACFT marshalling services. All requests for ACFT marshalling should be directed to the Airlines or a FBO (if applicable).
All charter operators or visiting ACFT requiring marshalling, logistical support or engagement of border control agencies must engage a Fixed Base Operator or recognised ground handler and be met/escorted on arrival and departure.

PASSENGER FACILITIES

PT/TX Regent (07 5588 1234 - Tweed 07 5536 1144)/HC main terminal/BU/RF/WC/ME

RESCUE AND FIREFIGHTING SERVICES

1. CAT 8:
   a. 1945-1235 UTC DLY
2. 131.0 MHz AVBL HO.
3. Water Rescue Service AVBL.

APRONS AND TAXIWAYS

1. RPT Apron - single Code E/Dual Code C MARS configuration.
2. RPT Apron - parking bays sequenced from Bay 1 at the north-eastern end of the apron through to Bay 10 at the south.
3. GA Apron HEL PRKG - 3 designated positions, paved section of GA HEL Apron:
   a. H1 (14.1M MAX rotor diameter).
   b. H2 (11M MAX rotor diameter).
   c. H3 (11M MAX rotor diameter).
4. TWY H and F not AVBL to ACFT ABV 5,700KG.
5. TWY J grass not AVBL to ACFT ABV 5,700KG.
6. TWY G - ACFT ABV 5,700KG require pavement concessions and operator movement records.
7. TWY B ACFT holding for RWY 14 over 15M length infringe RWY 17.
8. ACFT Code B and ABV landing RWY 14 first AVBL TWY is A, unless otherwise advised by ATC.

AERODROME OBSTACLES

1. Glidepath mast (lit) 67.52FT AMSL BRG 315 DEG MAG 643M FM ARP.
2. Localiser antenna (lit) 19.23FT AMSL BRG 136 DEG MAG 1,831M FM ARP.
3. Fence (lit) 15FT AMSL chainage 2,350-2,492M FM SOT RWY 14 offset 80M FM RWY CL.
4. Vent pipe (lit) 19FT AMSL BRG 140 DEG MAG 1,377M FM ARP.
5. Power pole (unlit) 245FT AMSL BRG 308 DEG MAG 2,462M FM ARP.
6. Pine tree (unlit) 76.5FT AMSL BRG 323 DEG MAG 1,645FM ARP.
7. Multiple trees within an arc BRG 142-309 DEG MAG 607M-1,129M FM ARP. Infringe the TNS.
8. Towers (lit):
   a. 418FT AMSL BRG 293 DEG MAG 5,998M FM ARP.
   b. 293.6FT AMSL BRG 310 DEG MAG 3,725M FM ARP.
   c. 300.2FT AMSL BRG 103 DEG MAG 2,868M FM ARP.
   d. 344.5FT AMSL BRG 106 DEG MAG 3,314M FM ARP.
   e. 300.2FT AMSL BRG 309 DEG MAG 3,706M FM ARP.
   f. 943FT AMSL BRG 210 DEG MAG 8,211M FM ARP.
   g. 219.8FT AMSL BRG 148 DEG MAG 5,129M FM ARP.
   h. 105FT AMSL BRG 130 DEG MAG 2,800M FM ARP.
   i. 432.5FT AMSL BRG 238 DEG MAG 2.49NM FM ARP.
   j. 1,045.6FT AMSL BRG 216 DEG MAG 5.88NM FM ARP.
   k. 82FT AGL BRG 106 DEG MAG 3,314M FM ARP. Infringes inner HZS by 124FT.
9. Buildings:
   a. John Flynn Hospital (unlit) 224FT AMSL BRG 296 DEG MAG 1,971M FM ARP.
   b. Nirvana (unlit) 184FT AMSL BRG 088 DEG MAG 2,262M FM ARP.
   c. 171FT AMSL BRG 078 DEG MAG 2.36NM FM ARP.
10. Buildings (lit):
    a. 272FT AMSL BRG 085 DEG MAG 3,369M FM ARP.
    b. 269FT AMSL BRG 085 DEG MAG 3,470M FM ARP.
    c. 285.4FT AMSL BRG 123 DEG MAG 6,002M FM ARP.

Information may be continued on the next page: PTO

d. 272FT AMSL BRG 085 DEG MAG 3,211M FM ARP.
e. 1,097FT AMSL BRG 326 DEG MAG 19,015M FM ARP.
f. 293.6FT AMSL BRG 316 DEG MAG 5,178M FM ARP.
g. 246FT AMSL BRG 089 DEG MAG 4,176M FM ARP.
h. 279.5FT AMSL BRG 085 DEG MAG 3,139M FM ARP.
i. 269FT AMSL BRG 086 DEG MAG 2.06NM FM ARP.
j. 220FT AMSL BRG 079 DEG MAG 2.43NM FM ARP.

11. Houses (unlit):
a. 245FT AMSL BRG 311 DEG MAG 2,440M FM ARP.
b. 152.5FT AMSL BRG 326 DEG MAG 3,066M FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, TAF3 H24, METAR/SPECI, AD WRNG, WS WRNG.
2. AWIS Phone 07 3564 3713 - Report faults to BoM.
3. AWIS FREQ 134.5 AVBL outside TWR HR - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

14/32	139	82a	PCR 680/F/A/X/T Grooved	WID 45	RWS 300
17/35	173	19a	5700 kg/1.00 MPa	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 14/32	HIRL			SDBY PWR AVBL
RWY 14/32	MIRL	AFRU+PAL 118.7		SDBY PWR AVBL
RWY 14/32	RTIL			
RWY 14	PAPI	AFRU+PAL 118.7	3.0 DEG63FT	SDBY PWR AVBL
RWY 32	PAPI	AFRU+PAL 118.7	3.0 DEG53FT	SDBY PWR AVBL

RWY edge light spacing: 14/32 HIRL: 60M. White FM THR to 600M FM RWY end.
Yellow Final 600M to RWY end; MIRL: 60M. White.

OTHER LIGHTING

ABN ALTN 8 WG

1. Secondary PWR switchover time during TWR HR: 1 SEC during LVP; 15 SEC OT.
2. TWY LGT: Green CL on A, B, C, D, E, G, K and L.
3. RWY 14/32 and 17/35: RWY guard lights OPR at RWY holding points.
4. RWY guard LGT not provided on TWY J.
5. TWY centreline lighting not present along transition between:
a. TWY B and TWY G.
b. TWY B and TWY C (North).

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	119.5 On ground (outside Gold Coast TWR HR)
ACD	GOLD COAST DELIVERY	128.75 (3)
APP	BRISBANE APPROACH	123.5
ATIS	GOLD COAST	112.3 (1) 134.5 (2)
SMC	GOLD COAST GROUND	121.8
TWR	GOLD COAST TOWER	118.7

(1) H24
(2) TWR HR only
(3) ACFT DEP Gold Coast must REQ CLR or PDC readback

1. TWR HR - 1955-1300 UTC DLY.
2. Outside TWR HR, Gold Coast Class C airspace 3,500FT and BLW becomes Class G.
3. Flight details and clearance requests should be advised to Brisbane Centre well before the CTR boundary. Pilots submitting details should prefix these requests with the phrase “Flight Details”. Pilots should NOT contact Gold Coast TWR to submit Inbound/Transiting details.
4. ATIS AVBL Phone 07 5599 5910.

Note: TWR and APP may operate independently, hours or airspace responsibility may change at short notice. Check status of airspace with ATS, NOTAM or Gold Coast ATIS.

RADIO NAVIGATION AND LANDING AIDS

DME	CG	112.3/ 70X	281008.1S	1533014.2E		(1)
NDB	CG	278	280953.5S	1533004.0E	Range 60 (HN 60)	
VOR	CG	112.3	281008.2S	1533014.7E		
DME	ICG	111.1/ 48X (RWY14)	280934.5S	1533004.2E		(3)
GP	ICG	331.7 (RWY14)	280934.4S	1533004.4E		(2)
ILS	ICG	111.1 (RWY14)	281042.4S	1533052.8E		
LOC	ICG	111.1 (RWY14)	281042.4S	1533052.8E		

(1) Antenna ELEV 38 FT.
(2) Coverage limited to within 5 degrees W of the extended RWY CL, due to terrain shielding.
(3) Poor DME coverage at or below 3000FT beyond 17NM, W of the extended RWY CL. Antenna ELEV 33FT.

LOCAL TRAFFIC REGULATIONS

1. RWY 14 - ACFT ABV 136,000KG landing RWY 14 must roll through and exit RWY via TWY K to avoid pavement damage from heavy braking. ACFT BLW 136,000KG landing RWY 14 can exit via TWY D if heavy braking not required.
2. All aircraft must provide their parked position/gate number to ATC on acknowledgement of airways clearance.
3. Pilots are encouraged to request “detailed taxi guidance” prior to landing or taxiing for departure or request follow-me service once on ground frequency if unsure of parking bay.
4. **Runway Incursion Hotspots**

4.1. RWY 17/35 at TWY B (Holding Point B RWY 17 is very close to the gable line for RWY 14).
4.2. RWY 35 after landing RWY 32 (RWY 35 often mistaken for an angled TWY).

5. **Training and Airwork Flights**
   a. Circuit training see Noise Abatement
   b. Circuit and Western Grass helicopter bookings, pilots must book a slot online at www.bookawk.com.
   c. IAL Training: Pilots must book a slot online at www.bookawk.com. ILS training for ACFT BLW 5,700KG MTOW will not be approved outside 0900-1700 Local. Pilots must contact Brisbane Centre 07 3866 3694 for AWK ABV 1,500FT
   d. NDB - A and VOR - A approaches will not normally be approved.
   e. Training operations contrary to the prevailing traffic pattern/operational runway direction will not normally be approved.
   f. HEL with skid landing gear not permitted to complete touch and go circuit training on paved SFC due to pavement damage.
   g. Aircraft conducting a practice instrument approach can expect to make a full stop landing due to traffic management requirements. Upon request, Brisbane Approach will advise if the traffic disposition allows for a practice missed approach. Aircraft are required to submit an arrival and departure flight plan. Failure to plan correctly may result in non-availability of a practice instrument approach.
   h. Touch and go landings are not available. Approved circuit bookings are exempt.
6. Occasionally, TCAS advisories for ACFT operating in Gold Coast Terminal Control Area may occur due ATC procedures affecting VFR ACFT.
7. Pilots planned to BN must obtain a slot time for Brisbane prior to engine start, in accordance with BN INTL Air Traffic Flow Management Procedures (See BRISBANE INTL entry).
8. Pilots should ensure flight plan details are submitted for flight in Gold Coast Class C airspace, preferably through NAIPS or Flightwatch, well in advance of requesting SSR code allocation. Failure to do so will result in delays for airways clearance. The SSR code request is to be made on the appropriate FIA frequency.
   Pilots who are squawking an assigned discrete code may call Gold Coast TWR on 118.7 directly for airways clearance at or BLW 1,500FT.
9. Flights planned to depart Gold Coast above 6,000FT can expect airways clearance at 6,000FT. Higher levels can be anticipated on APP CTL FREQ.
10. Fixed and rotary wing ACFT are not to perform engine ground runs and related static operations on the GA APN and should utilise provided run-up bays.

Information may be continued on the next page: PTO

11. **PARKING**
Overnight parking is no longer AVBL for all aircraft above 5,700KG MTOW, except for RPT aircraft. Itinerant parking requirements is available for 2HR or less, this will require prior approval FM airport management with a MNM notice of one clear working day (MON-FRI). Itinerant ACFT under 5,700KG must park north of TWY G, at the northern end of the GA APN.
12. GA short term HEL parking - 3 x designated positions, paved section of GA HEL APN:
    a. H1 MAX 14.1M main rotor diameter.
    b. H2 MAX 11M main rotor diameter.
    c. H3 MAX 11M main rotor diameter.
13. **TWY K DEPARTURES**
ACFT departing RWY 32 must use TWY K intersection for departure. Full length AVBL if operationally required.
14. No HEL air taxi on the GA APN.
15. HEL OPS from the aiming point not available to or adjacent to TWY G, east of the air traffic control tower or south of TWY G.
16. Central and northern extent of primary GA taxilane non-standard width. MAX wingspan 18M as marked.

FLIGHT PROCEDURES

1. **ATC TRAFFIC MANAGEMENT SPEED**
When **not** on a SID or STAR (including vectoring) - ACFT ARR or DEP CG must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.
2. Circuits from the Western Grass are to be conducted with upwind legs to remain inside the airport boundary fence and base turns to be made within the RWY14/32 threshold markers.
3. **COASTAL TRANSIT IN CLASS G AIRSPACE**
Due to high density traffic in coastal Class G Airspace between Cudgen Headland and Hastings Point, fly;
    a. Southbound 1,000FT AMSL.
    b. Northbound 500FT AMSL.
Concentrated TFC BTN Gold Coast and Southport at 500FT, see also SOUTHPORT CTAF procedures.
4. Aircraft requiring a transit of the GC CTR should plan to track via the VFR route depicted on the VTC as follows:
Northbound transit via the highway (inland) and contact Tower 118.7 approaching Cudgen Lake for ATC clearance.
Southbound transit via the highway (inland) and contact Tower 118.7 approaching Robina Town Centre for ATC clearance. Aircraft requiring to transit the CTR coastal may experience delays due high density traffic.
5. **LOW VISIBILITY OPERATIONS**
    a. LVO AVBL during TWR HR.
    b. No transmissometers installed for RVR. Only Runway Visibility (RV) assessment measurements are AVBL.
    c. Preparations for the activation of LVP are commenced when the visibility has reduced to 1,500M or less, and/or cloud ceiling is 200FT or less and further reducing. This ensures that the LVP are in force at or just prior to the visibility reducing to 800M.
    d. When visibility is less than 800M, ATC will limit vehicle access on the manoeuvring area to the Airport Operations Officer and RFFS/other EMERG vehicles.
    e. Aircraft OPS in VIS less than 800M when ATC is not operating by prior arrangement only, contact aerodrome operator.
    f. Low VIS DEP on RWY14/32 not AVBL BLW 550M VIS and APP not AVBL below 800M VIS.

CTAF - AFRU 118.7

Outside TWR HR.

NOISE ABATEMENT PROCEDURES

1. A Curfew and Noise Abatement Procedures apply. See AIP DAP.
2. The preferred RWY for takeoff and landing is RWY 14.
3. Circuit training:
   a. Not permitted BTN 1200-2000 UTC;
   b. Where possible circuits should be distributed equally left and right of the RWY in use.
4. Preferred flight paths for turbojet and non turbojet ACFT ABV 5,700KG MTOW are contained in AIP DAP.
5. Outside TWR HR pilots are requested to use the same RWY for DEP and ARR - if operationally acceptable.
6. RWY 14 INSTR APCH PROC for turbojet and non turbojet ACFT ABV 5,700KG MTOW - noise preferred RWY 14 APCH:
   a. RNP W RWY 14, RNP Y RWY 14;
   b. RNP Z RWY 14;
   c. ILS RWY 14 (training and recency not permitted).

   To minimise noise, NDB or VOR RWY 14 only AVBL when operationally RQ.

ADDITIONAL INFORMATION

1. Bird Hazard exists. Increased numbers of the following species are expected during the specified times:
   a. MAR to MAY - increased flying-fox numbers present after dark, peak activity around dusk.
   b. JUL to MAR - flocks of small birds feeding in air above runway and short final including fairy martin, welcome swallow, tree martin and white-throated needletail.
   c. FEB to JUN - black kite may be present. Activity focuses foraging above runway between 1000-1500 Local with increased temperatures.
   d. APR to OCT - increased masked lapwing activity. Activity focuses NE and SE corners of airfield day or night.
   e. Increased bird activity during and post rainfall and adverse weather events including Australian white ibis, straw-necked ibis and silver gulls.
   f. Species specific NOTAM will be issued during periods of increased activity.
2. Potential of BLDG induced wind TURB on RWY 32 when the wind speed is greater than 28KT FM NNE to ENE.

CHARTS RELATED TO THE AERODROME

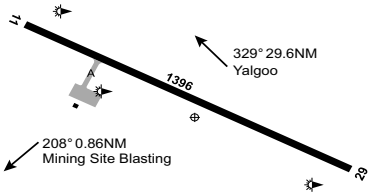
1. WAC 3357.
2. Aerodrome Obstruction Chart Type A (October 2022).
3. Also refer to AIP Departure and Approach Procedures.

GOLDEN GROVE — ELEV 1183

AVFAX CODE 6008

WA		UTC +8	YGGE
284554S	1165818E	VAR 0 DEG W	CERT

AD OPR Golden Grove Operations Pty Ltd, PMB 7, Geraldton, WA, 6531.
Email: ggo.village.aerodrome.coordinator@29metals.com. PH 0407 609 484 H24.
ARO 0457 761 542.



REMARKS

Restricted OPS. PPR from AD OPR.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL.

Information may be continued on the next page: PTO

AERODROME OBSTACLES

1. Unlit terrain:
   a. 1,394FT AMSL BRG 199 MAG 1.0NM FM ARP. Infringes inner HZS by 76FT.
   b. 1,473FT AMSL BRG 208 MAG 2.3NM FM ARP. Infringes conical SFC by 29FT.
   c. 1,404FT AMSL BRG 270 MAG 1.9NM FM ARP. Infringes inner HZS by 87FT.
   d. 1,345FT AMSL BRG 275 MAG 2.2NM FM ARP. Infringes inner HZS by 28FT.
2. Masts:
   a. Unlit 1,352FT AMSL BRG 220 MAG 0.8NM FM ARP. Infringes inner HZS by 34FT.
   b. Unlit 1,343FT AMSL BRG 221 MAG 0.9NM FM ARP. Infringes inner HZS by 25FT.
   c. Unlit 1,365FT AMSL BRG 306 MAG 1.8NM FM ARP. Infringes inner HZS by 48FT.
   d. Lit 1,427FT AMSL BRG 307 MAG 1.8NM FM ARP. Infringes inner HZS by 110FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS FREQ 122.375 - (requires two one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

11/29	117	46a	PCR 69/F/A/Y/T Sealed	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 29	LIRL(1)	PAL 126.7	SDBY PWR AVBL BY PRIOR ARRANGEMENT
RWY 11/29	PTBL(1)		BY PRIOR ARRANGEMENT

(1) 60MIN PN.

RWY edge light spacing: 11/29: 60M.

OTHER LIGHTING

1. SDBY PWR manually activated with 15MIN PN. CTC ARO.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	124.8 Circuit Area
UNICOM	GOLDEN GROVE UNICOM	126.7 (1)

(1) Only AVBL for scheduled flights.

LOCAL TRAFFIC REGULATIONS

ACFT ABV 3,500KG MTOW must turn at RWY ends only. MAX radius MNM speed turns.

CTAF 126.7

ADDITIONAL INFORMATION

Blasting OPS at Gossan Hill pit. ACFT are requested to avoid flying over Gossan Hill due to blasting. Centre of circle area is: 284639.80S 1165750.40E with a radius of 650M. BRG 208 DEG MAG 0.9NM FM ARP.

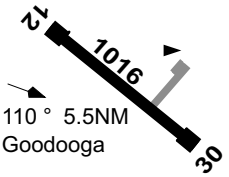
CHARTS RELATED TO THE AERODROME

1. WAC 3351.
2. Also refer to AIP Departure and Approach Procedures.

GOODOOGA

ELEV 459

AVFAX CODE 2217



NSW		UTC +10	YGDA
290424S	1472234E	VAR 10 DEG E	CERT

AD OPR Brewarrina Shire Council, PO Box 125, Brewarrina, NSW, 2839. PH 02 6839 2106. ARO AH 0429 392 001.

REMARKS

AD not AVBL to ACFT ABV 5,700KG.

PHYSICAL CHARACTERISTICS

12/30	121	33c	5700 kg/0.45 MPa Sealed	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 12/30 PTBL(1) BY PRIOR ARRANGEMENT

(1) EMERG only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.95 FL200

CTAF 126.7

ADDITIONAL INFORMATION

Animal hazard exists.

CHARTS RELATED TO THE AERODROME

WAC 3356.

GOOLGOWI

ELEV 400

FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YGGI

335931S 1454309E VAR 11 DEG E UNCR

AD OPR Carrathool Shire Council, PO Box 12, Goolgowi, NSW, 2652.

PH AD MGR BH 02 6965 1900: MOB 0408 846 507. ARO 0429 690 050. Fax 02 6965 1379.

PHYSICAL CHARACTERISTICS

02/20 35c Unrated. Grass. RWY LEN 1,080M. WID 75

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 134.65

CTAF 126.7

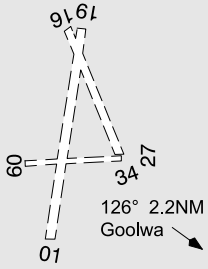
CHARTS RELATED TO THE AERODROME

WAC 3457.

GOOLWA

ELEV 104

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YGWA

352855S 1384505E VAR 8 DEG E UNCR

AD OPR Goolwa Airport, PO Box 445, Goolwa, SA, 5214.

PH 0415 470 240. Website: www.goolwaairport.com.au.

REMARKS

1. Private AD. PPR - CTC ARO 0900-1700 Local for permission.
2. Operations should be in accordance with the information on the AD website.
3. AD Charges based on MTOW.

HANDLING SERVICES AND FACILITIES

JET A1 and AVGAS AVBL at card swipe bowser. PH ARO MOB 0830-1700 Local.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA ADELAIDE CENTRE 130.45 Circuit area

FLIGHT PROCEDURES

1. Right hand CCTS REQ when OPR on RWY 01, RWY 09 and RWY 34.
2. Mid-field, crosswind circuit entries not permitted.

CTAF 126.95

ADDITIONAL INFORMATION

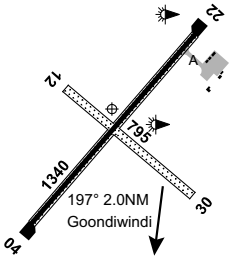
1. Bird hazard exists.
2. PJE OPS HJ - contact AD OPR.
3. A Fly Neighbourly protection area has been established around Waitpinga Cliffs on Fleurieu Peninsula. Refer to ERSA GEN Special Procedures FN 13 for detailed information.

Information may be continued on the next page: PTO

CHARTS RELATED TO THE AERODROME
WAC 3458, 3459.

GOONDIWINDI ELEV 714

AVFAX CODE 4033



QLD UTC +10 YGDI
283117S 1501913E VAR 11 DEG E CERT
AD OPR Goondiwindi Regional Council, LMB 7, Inglewood, QLD, 4387. PH 07 4671 1512.

HANDLING SERVICES AND FACILITIES
Lowes Petroleum Services: AVGAS Bowser OPT will accept Lowes account cards and credit cards. Call-out fee applies if needed on site. JET A1 - Drum fuel only. BH PH 07 4671 3780, Emergency: Nigel 0408 943 419 or Troy 0497 589 472.

AERODROME OBSTACLES
1. LIOL Mast 895FT AMSL, 057MAG 2,334M FM RWY 04 SOT, infringe Inner HZS, hazard lit HN.
2. LIOL Mast 879FT AMSL, 204MAG 2,856M FM RWY 22 SOT, infringe Inner HZS, hazard lit HN.

METEOROLOGICAL INFORMATION PROVIDED
METAR/SPECI.

PHYSICAL CHARACTERISTICS

04/22	031	44b	PCR 40/F/C/0.69 MPa/U Central 18(60) sealed	WID 30	RWS 90
12/30	121	26c	Unrated. Grey clay. CAUTION: Loose stones.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING
RWY 04/22 LIRL AFRU+PAL 126.7 SDBY PWR AVBL
RWY edge light spacing: 04/22: 90M.

OTHER LIGHTING
1. Secondary PWR switchover time: 15SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 123.95 3500FT

CTAF - AFRU 126.7

ADDITIONAL INFORMATION
Bird hazard exists.

CHARTS RELATED TO THE AERODROME
1. WAC 3357.
2. Also refer to AIP Departure and Approach Procedures.

GOSFORD HOSPITAL — ELEV 210

AVFAX CODE 2083 — **FULL NOTAM SERVICE NOT AVBL**

NSW		UTC +10	YXGS
332511S	1512021E	VAR 13 DEG E	UNCR

AD OPR Central Coast Local Health District, Holden Street, Gosford, NSW, 2250.
Email: priscilla.jones@health.nsw.gov.au. PH 02 4320 2593. PH AH 02 4320 2111 (Hospital Switchboard). Request to be put through to the AH Nurse Manager.
Website: www.cclhd.health.nsw.gov.au.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA SYDNEY CENTRE 124.55

CTAF 126.7

CHARTS RELATED TO THE AERODROME

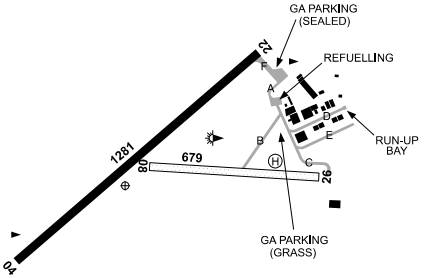
1. WAC 3456.
2. Also refer to AIP Departure and Approach Procedures.

GOULBURN — ELEV 2141

AVFAX CODE 2112

NSW		UTC +10	YGLB
344837S	1494335E	VAR 13 DEG E	CERT

AD OPR John Ferrara Pty Ltd, PO Box 844, Goulburn, NSW, 2580. ARO 0403 368 933.



REMARKS

1. AD Charges: All ACFT.
2. PPR for OPS on TWY A PRKG bay. CTC ARO 0403 368 933.
3. RWY 04/22 not AVBL to ACFT BLW 650KG on weekends EXC with 60MIN PN to ARO.
4. TWY D access:
   a. Per movement BLW 1.5 tonne $20.00 plus GST.
   b. Per movement ABV 1.5 tonne CTC AD OPR or $100.00 plus GST.

HANDLING SERVICES AND FACILITIES

AVGAS Bowser H24 (Credit Card and Aero Refuellers card only). JET A1 from tanker. Call-out fee H24. Phone 0403 368 933.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 02 9353 6422 - Report faults to BoM.
3. AWIS FREQ 136.30 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

04/22	035	42a	Unrated.	WID 30	RWS 90
08/26	079	22c	Unrated. Grassed red clay	WID 30	RWS 70

AERODROME AND APPROACH LIGHTING

RWY 04/22 LIRL PAL+AA 119.6

OTHER LIGHTING

TWY LGT: Blue edge.

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	121.2 to E - On Ground
FIA	MELBOURNE CENTRE	124.1 to W

RADIO NAVIGATION AND LANDING AIDS

NDB GLB 407 344825.8S 1494413.8E Range 40 (HN 40)

LOCAL TRAFFIC REGULATIONS

PRKG not AVBL on central grassed area TWY A, TWY B, APN and both RWY due PJE OPS.

CTAF - AFRU 127.15

ADDITIONAL INFORMATION

1. Ultralight training activity in vicinity of AD.
2. PJE OPS FM FL150 OHD AD. Intensive PJE activity on weekends.
3. MIL PJE OPS may occur HJ HN, WI 25NM radius AD, exit height up to FL250. During validity of any MIL PJE NOTAM, all ACFT are requested to contact CS SNOWBIRD or DZSO on CTAF 127.15 prior to start up at AD or MNM 25NM from AD on arrival. Canopies can be high opening and transiting to land at AD for up to 30MIN. Refer to MIL PJE NOTAM for current DZSO contact details and operating area.
4. Glider OPS at Towrang airstrip, 035 DEG 12NM to NE Goulburn, JF HJ. Winch launch to 4,500FT. Goulburn CTAF 127.15 monitored by gliders.

CHARTS RELATED TO THE AERODROME

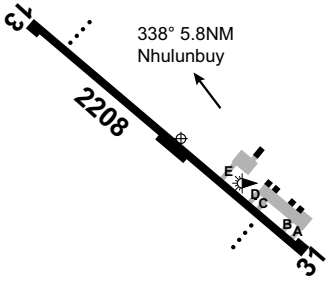
1. WAC 3456, 3457.
2. Also refer to AIP Departure and Approach Procedures.

GOVE ELEV 205

AVFAX CODE 8009

NT		UTC +9:30	YPGV
121609S	1364906E	VAR 3 DEG E	CERT

AD OPR Nhulunbuy Corporation, PO Box 345, Nhulunbuy, NT, 0881. Email: mac@ncl.net.au.
PH AD 08 8987 1370 or 0448 863 903: H24 0428 962 606.



REMARKS

1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport.
3. PPR from AD OPR for all ACFT OPS ABV 55,000KG MTOW.

HANDLING SERVICES AND FACILITIES

Viva Energy Aviation: Aviation Fuel Services JET A1 2130-0730 UTC, 0488 707 803, AH by prior arrangement, call-out fee applies. Fuel2Sky Carnet cards or credit cards (V and MC). H24 AVGAS bowser.

PASSENGER FACILITIES

LG/HC/RF/WC/TX.

APRONS AND TAXIWAYS

1. TWY C WID 20M sealed and lit.
2. TWY A and B 13.7M WID sealed.
3. TWY E WID 18M sealed and lit.
4. TWY D WID 12M sealed.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 08 7922 2505 - Report faults to BoM.
3. AWIS FREQ 123.05 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

13/31 127 72a PCR 210/F/A/1.15 MPa/T WID 45 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 13/31	LIRL	AFRU+PAL 127.8		SDBY PWR AVBL
RWY 13/31	PAPI(1)	AFRU+PAL 127.8	3.0 DEG52FT	SDBY PWR AVBL

(1) Left side.

RWY edge light spacing: 13/31: 60M

OTHER LIGHTING

1. SDBY PWR switchover time: 20 SEC.
2. TWY LGT: Blue edge on C and E.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.0 On ground

RADIO NAVIGATION AND LANDING AIDS

DME	GV	114.1/ 88X	121554.0S	1364858.6E		(2)
NDB	GV	380	121612.8S	1364927.6E	Range 65 (HN 65) OW 110 (OW HN110)	(3)
VOR	GV	114.1	121554.1S	1364859.1E		(1)

(1) 148/0.28 to ARP
(2) Antenna ELEV 211FT.
(3) 275/0.36 to ARP

LOCAL TRAFFIC REGULATIONS

1. ACFT ABV 10,000KG MTOW must use turning nodes for 180DEG turns, ACFT BLW 10,000KG must use MAX RAD turns to avoid pavement damage.
2. No parking on E sealed apron without PPR FM AD OPR except for refuelling purposes.
3. No parking on W sealed apron without PPR FM AD OPR.
4. Gate codes to access airside can be obtained by contacting the ARO.

CTAF - AFRU 127.8

ADDITIONAL INFORMATION

1. All pilots and operators must possess and display a current Aviation Security Identification Card (ASIC) when airside.
2. Night mining OPS South and West of AD. High intensity floodlights in use. 30 MIN PN for deactivation. CTC Duty Mine Supervisor TEL: 0439 814 010.

CHARTS RELATED TO THE AERODROME

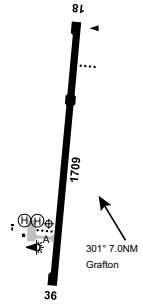
1. WAC 3110.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

GRAFTON

ELEV 110

AVFAX CODE 2045



NSW UTC +10 YGFN
294534S 1530148E VAR 12 DEG E CERT
AD OPR Clarence Valley Council, Locked Bag 23, Grafton, NSW, 2460.
Email: airport@clarence.nsw.gov.au. PH 02 6643 0200 (BH): 02 6626 6858 (AH).
ARO 0417 664 846 (H24). Fax 6642 7647. Website: www.clarence.nsw.gov.au.

REMARKS

1. AD Charges: refer to website.
2. This AD is a Security Controlled Airport. Personnel must display a valid ASIC when airside.
3. Access to airport terminal by prior arrangement only. CTC AD OPR.

HANDLING SERVICES AND FACILITIES

Aero Refuellers: JET A1, H24. 1HR PN. Phone 0401 940 070. AH call-out fee may apply.

APRONS AND TAXIWAYS

TWY A - sealed Code C, WID 15M.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 02 9353 6423 - Report faults to BoM.
3. AWIS FREQ 126.225 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

18/36	173	56a	PCR 81/F/D/0.70 MPa/T	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 18/36	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL
RWY 18/36	PAPI	AFRU+PAL 126.7	3.0 DEG42FT	SDBY PWR AVBL

RWY edge light spacing: 18/36: 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: 30 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.6 On ground

RADIO NAVIGATION AND LANDING AIDS

NDB GFN 389 294535.0S 1530138.8E Range 20 (HN 20)

LOCAL TRAFFIC REGULATIONS

1. Turns only at THR and turning nodes.
2. Bay 2 on sealed APN is restricted to aeromedical and charter ACFT.
3. Helicopter designated PRKG positions are designed for helicopters with a MAX dimension of 13M (measured from the most forward position of the main rotor tip path plane to the most rearward position of the tail rotor tip path plane or helicopter structure) and a MAX main rotor diameter of 11M.
4. Helicopter taxi guidelines and taxi route is an air taxi route only, designed for helicopters with skid type landing gear, not for helicopters with wheeled landing gear.
5. Very limited PRKG for all ACFT. CTC AD OPR prior to arrival to coordinate.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

1. Wildlife hazard exists.
2. Large flocks of fruit bats cross AD from first light to 1 1/2 hours after first light.
3. Extensive light and ultralight ACFT activity and model ACFT operations at South Grafton ALA, located 6NM NW of Grafton AD.
4. Caution - Fire suppression ACFT at AD during fire season.
5. Model aircraft operations within 700M radius of position 294209.7S 1530109.8E, SFC to 600FT.

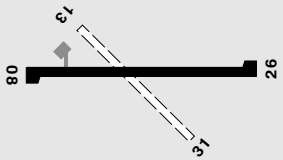
CHARTS RELATED TO THE AERODROME

1. WAC 3357.
2. Also refer to AIP Departure and Approach Procedures.

GREAT LAKES AIRFIELD

ELEV 260

FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YGRL
375033S 1480001E VAR 13 DEG E UNCR
AD OPR KFT Investments Pty Ltd, PO Box 506, Lilydale, VIC, 3140. Email: greatlakes@kft.com.au. PH 03 9727 8000.
0900-1600 Local MON-FRI.

REMARKS

1. PPR.
2. AD charges apply.

PASSENGER FACILITIES

Fully equipped passenger terminal and observation platform AVBL on request.
Hangars available for all categories of aircraft.
Accommodation: www.lakes-entrance.com or www.metung.com

PHYSICAL CHARACTERISTICS

RWY 08/26 - Bitumen 18M x 1,180M. Uphill grade on 26 is 2.7% until RWY intersection then gradual transition to flat. (Average Grade 2.0%).
RWY 13/31 - Gravel 18M x 670M. Uphill grade on 31 is 0.9%

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	124.0

LOCAL TRAFFIC REGULATIONS

1. Concrete hardstand for turbine and transport category aircraft off TWY at Western end of RWY 08/26.
2. Parking: Light aircraft may park adjacent to the concrete hardstand.
3. Runway gradients may inhibit visibility and pilots must confirm that both runways are clear before landing or takeoff.

FLIGHT PROCEDURES

Pilots must observe the airfield at Kalimna (YLKE) and maintain a minimum altitude of 2,500FT until ABM this airfield when descending downwind for RWY 26.

CTAF 126.7

ADDITIONAL INFORMATION

1. Note the presence of tall trees on final to RWY 26.
2. Possibility of windshear on final approach to RWY 26.

CHARTS RELATED TO THE AERODROME

WAC 3470.

Information may be continued on the next page: PTO

GREGORY DOWNS

ELEV 260

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YGDS
183732S 1391401E VAR 5 DEG E UNCR
AD OPR Burke Shire Council, Musgrave Street, Burketown, QLD, 4830. PH 07 4745 5100: RDO RFDS MT Isa 8XI.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.7 7500FT

CTAF 126.7

CHARTS RELATED TO THE AERODROME

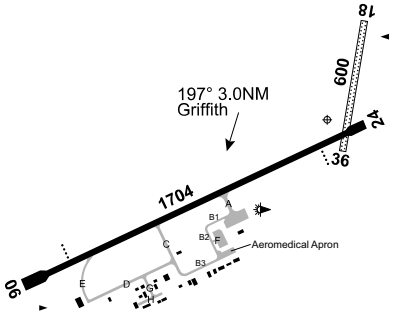
WAC 3220.

GRIFFITH

ELEV 439

AVFAX CODE 2205

NSW UTC +10 YGTH
341503S 1460402E VAR 11 DEG E CERT
AD OPR Griffith City Council, PO Box 485, Griffith, NSW, 2680. ARO 0419 167 741. Email: airport@griffith.nsw.gov.au (MIL ATO/transit advice should be sent to this email). ARO AH 0427 294 520. Council PH 02 6962 8100 or 1300 176 077.



REMARKS

1. AD Charges: All ACFT - $15.90/tonne or part thereof per landing. Billing by Avdata Australia PH: 02 6262 8111 for all enquiries relating to landing fee charges at YGTH (with exception to annual fee subscriptions - as per Griffith City Council Revenue Policy).
2. AD ARO onsite services available: 0500 - 1500 Local (call-out basis AH).
3. Entry to the main terminal building, from the airside secure area, is available during RPT scheduled operations (APRX 0500 - 2130 Local, depending upon delays). Sliding security gates to/from the airport terminal building are controlled by electronic swipe/FOB card/disc. Access to landside outside these hours, is via the keypad controlled gates located at the western end of the terminal (perimeter fence), or next to the Griffith Aero Club building.
4. PAX and unauthorised aircrew are not to access the terminal building via the eastern baggage handling area (including footpath from Air Transport Apron) without first seeking prior permission.
5. AD is a Tier 3 security controlled airport.
6. AD is an ICAO CAT 3C airport.

7. Hi-Vis reflective vest (or approved equivalent PPE) must be worn when operating in all airside areas (including secure area or zone).
8. All pilots and other aircrew/operators must possess and clearly display a valid Australian Security Identification Card (ASIC), or Griffith NSW specific VIC when operating/visiting a secure area or zone (as per *Aviation Transport Security Regulations 2005*).
9. A person who properly displays a valid VIC and is supervised by a person who properly displays a valid ASIC, need not display a valid ASIC.
10. Visiting aircrew must maintain positive control of PAX at all times, whilst in a secure area or zone.
11. Griffith Regional Aerodrome does not provide wheel chocks, or access to baggage loading equipment.

HANDLING SERVICES AND FACILITIES

World Fuel Services: JET A1 tanker refueller; H24 AVGAS carnet card and credit card (via smartphone APP) bowser. Manned MON - FRI 0800 - 1700 Local. On call 24HR Duty Refueller: 0437 681 614, Email: airfuelservices@gmail.com

Note: AVGAS spillage on the pavement is to be avoided. AVGAS captured in fuel drain testers, is not to be emptied onto the pavement or natural grass areas.

Griffith Aero Club - Accommodation AVBL (conditions apply). CTC Griffith Aero Club (GAC) Phone: 02 6964 1666 Email: gthgac@exemail.com.au

LAME/AVIONICS facility (Precision Aviation Pty Ltd) located at intersection of TWY D and TWY E. CTC: 02 6964 3158 or precisionaviation@bigpond.com.

RPT Handling agent: Aus Flight Handling, website: www.ausflighthandling.com.au.

PASSENGER FACILITIES

PT/TX/HC/LG/RF (Aero Club)/WC/ME.

APRONS AND TAXIWAYS

1. TWY B3, C, D and E not AVBL to ACFT ABV 5,700KG.
2. TWY D restricted to MAX wingspan 20M.
3. TWY A 15M WID.
4. The GA APN (via TWY F) sealed pavement not AVBL to ACFT ABV 5,700KG (without a pavement concession from the AD OPR).
5. Aircraft are not to park in the defined Aeromedical Apron area (located opposite the Griffith Aero Club facility).
6. Do not park outside the yellow double parallel apron edge line markings on the General Aviation (GA) Apron.

AERODROME OBSTACLES

1. TWR:
   a. 749FT AMSL PSN 341637.6S 1460328.0E. Infringes inner HZS (OLS by 169.7FT).
   b. 717FT AMSL PSN 341637.4S 1460325.5E. Infringes inner HZS (OLS by 137.5FT).
   c. 710FT AMSL PSN 341638.4S 1460323.0E. Infringes inner HZS (OLS by 130.9FT).
   d. 732FT AMSL PSN 341634.3S 1460313.6E. Infringes inner HZS (OLS by 152.6FT).
   e. 746FT AMSL PSN 341634.8S 1460312.4E. Infringes inner HZS (OLS by 167.4FT).
2. Trees:
   a. 602FT AMSL PSN 341422.9S 1460521.5E. Infringes RWY 06 TKOF (OLS by 19.4FT).
   b. 548FT AMSL PSN 341453.6S 1460454.1E. Infringes RWY 06 TKOF (OLS by 33.2FT).
   c. 535FT AMSL PSN 341448.1S 1460448.7E. Infringes RWY 06 TKOF (OLS by 24.3FT).
   d. 470FT AMSL PSN 341506.2S 1460410.1E. Infringes RWY 06 OBST TNS by 13.5FT.
   e. 482FT AMSL PSN 341507.0S 1460412.1E. Infringes RWY 06 OBST TNS by 5.6FT.
   f. 542FT AMSL PSN 341548.6S 1460224.1E. Infringes RWY 24 TKOF (OLS by 35.8FT).
   g. 477FT AMSL PSN 341530.6S 1460237.7E. Infringes RWY 24 TKOF (OLS by 6.3FT).
   h. 496FT AMSL PSN 341537.2S 1460251.5E. Infringes RWY 24 OBST TNS by 13.8FT.
   i. 532FT AMSL PSN 341526.6S 1460356.8E. Infringes RWY 18 TKOF and APCH (OLS by 0.4FT).
3. Fences:
   a. 455FT AMSL PSN 341503.6S 1460416.4E. Infringes RWY 06 TKOF (OLS by 6.6FT).
   b. 460FT AMSL PSN 341502.2S 1460420.4E. Infringes RWY 06 TKOF (OLS by 3.6FT).

Information may be continued on the next page: PTO

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 02 9353 6424 - Report faults to BoM.
3. AWIS FREQ 132.95 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

06/24	055	56a	PCR 170/F/B/1.40 MPa/U	WID 30	RWS 150
18/36	178	20c	Unrated. White gravel.	WID 18	RWS 60

1. RWY 06/24 turning nodes each end 45M WID.

AERODROME AND APPROACH LIGHTING

RWY 06/24	LIRL	AFRU+PAL 126.55		SDBY PWR AVBL
RWY 06/24	PAPI(1)	AFRU+PAL 126.55	3.0 DEG39.4FT	SDBY PWR AVBL

(1) Left side only.

RWY edge light spacing: 06/24: 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: Automatically activated, switchover time 1 MIN.
2. TWY LGT: Blue edge on TWY A. Green CL reflectors on TWY B.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	134.65 On Ground

RADIO NAVIGATION AND LANDING AIDS

NDB	GTH	305	341637.9S	1460324.2E	Range 150 (HN 90)	(1)

(1) 011/1.7 to ARP.

LOCAL TRAFFIC REGULATIONS

1. Only approved local aerial agricultural and tailwheel ACFT are permitted to land on north RWS - northern side of RWY 06/24. ACFT are to exit RWS diagonally opposite TWY C (as instructed), to avoid further damaging the RWY pavement edge. Use to be reviewed if compliance with local agreement is not maintained.
2. Use of main RPT/Air Transport Apron is restricted to RPT ACFT only and other ACFT with prior approval by AD OPR. Parking arrangements are to be made with AD OPR for ACFT above 5,700KG.
3. Overnight parking on the Air Transport APN is not AVBL due RPT ACFT.
4. There is no provision for overnight parking for ACFT above 5,700KG. Strict parking limitations apply. Any parking exemptions issued by the AD OPR must be complied with. No time extensions will be granted on the main (RPT) Air Transport APN, due to commercial agreements with RPT OPR.
5. Parking Positions 1, 2 and 3 of the Air Transport APN are restricted to RPT and MIL ACFT. Other ACFT OPR may apply for limited parking with a MNM 48 hour notification. Approval not guaranteed.
6. TWY F has Outer Main Gear Wheel Span (OMGWS) restrictions. Contact AD OPR for briefing.
7. The GA APN is accessible via TWY B2 and TWY F only.
8. The GA APN is a shared fixed wing and rotary wing facility. Caution: rotor downwash may cause damage to nearby parked ACFT.
9. GA tie down cable parking is AVBL opposite the Griffith Aero Club (northern grass area) and opposite TWY F (western grass area).
10. A portion of the paved APN opposite the Griffith Aero Club, is line marked for aeromedical parking only. No long tern parking is permitted on the APN area.
11. The grass / natural surface area west of TWY F and GA Apron is suitable for Rotary Wing operations (under dry conditions). Use is entirely at ACFT PIC discretion. The AD OPR accepts no responsibility for operations conducted on grass/natural surface areas.
12. The AD OPR and Airport Coordinator must be advised (in writing) at least7 days in advance of any intended AWK or staging operations from YGTH. EMERG OPS exempt.
13. AERO MED parking only on APN in designated area in-front of Griffith Aero Club.

14. Upon completion of refuelling from the AVGAS bowser facilities - aircraft must be moved to available parking in a reasonable time period.
15. On RWY 06/24, ACFT above 5,700KG: 180 DEG turns are to be performed at turning nodes only.
16. RWY strip RWY 06/24 and RWY 18/36 WIP (mowing) 5 MIN PN for ARR and DEP ACFT CS: 'MOWER 1' via CTAF. DLY 2100-0400 UTC.

CTAF - AFRU 126.55

ADDITIONAL INFORMATION

1. Bird and animal hazard exists. Advise AD OPR of bird strikes, as soon as practicable. *Note: No wildlife dispersal resources available after 1500 Local (unless deemed urgent).*
2. Portable 98 octane refuelling trailer (for RAAus ACFT) parked on northern grass area opposite the Griffith Aero Club (on the GA tie down cable) - 20M east of AVGAS fuel bowser. Trailer marked clearly with U/S markers and red illumination.
3. The AD OPR and Airport Coordinator MUST be advised (in writing) for approval to bring any grade of fuel and/or diesel onto the airside aerodrome environment.
4. Caution: Emergency services vehicles mounted with red/blue warning lights operate frequently on TWY B, TWY F and the APN area designated for aeromedical operations (opposite the Griffith Aero Club).
5. Caution: High aerial agricultural ACFT OPS to and from AD and at TWY D FM OCT-FEB.
6. Caution: ARO operating mower/slasher equipment inside RWY strips.
7. Caution: High RAAus flying training operations and circuit traffic.

CHARTS RELATED TO THE AERODROME

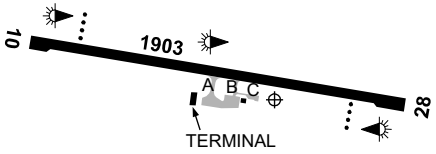
1. WAC 3457.
2. Also refer to AIP Departure and Approach Procedures.

GROOTE EYLANDT ELEV 53

AVFAX CODE 8010

NT		UTC +9:30	YGTE
135824S	1362739E	VAR 4 DEG E	CERT

AD OPR Groote Eylandt Mining Co., Alyangula, NT, 0885. Email: gteairport@amsaustralia.com or grootearo@amsaustralia.com. ARO 0447 866 322.



REMARKS

1. AD Charges: All ACFT.
2. Groote Eylandt is the freehold property of the Anindilyakwa people. Access is restricted to the leasehold areas of the Groote Eylandt Mining Company (GEMCO) and Alyangula Township unless you hold a permit. Permits can be obtained from the Anindilyakwa Land and Sea Rangers. Phone 08 8987 6703 for details.
3. Cane toads are prohibited on Groote Eylandt. It is a strict quarantine requirement that other plant and animal species must not be brought to Groote Eylandt without permission from the Anindilyakwa Land and Sea Rangers. Phone 08 8987 6703 for details.
4. Alcohol restrictions are in place on Groote Eylandt.
5. This AD is a security controlled airport.
6. RPT and GA OPS not AVBL TUE 0630-0830 and 1730-1930 Local.

HANDLING SERVICES AND FACILITIES

World Fuel Services: AVGAS WFS carnet card and credit card (via smartphone APP) bowser H24. JET A1 AVBL for RPT OPS, otherwise by arrangement. Charges may change without notice. Call-out fees may apply to AH refuelling weekends and BTN 1800-0600 Local MON-FRI.
PH: 0437 591 796.
Groote Freight (Ground Handling Agent) - MOB: 0438 945 126. Email: grootefreight@bigpond.com

Information may be continued on the next page: PTO

PASSENGER FACILITIES

WC/HC (by arrangement).

APRONS AND TAXIWAYS

1. TWY B to GA apron NOT AVBL to ACFT ABV 5,700KG MTOW.
2. Helicopter Operations: 30MIN PRKG position RPT APN Bay 2 via TWY A 24HR prior notice. Unsealed PRKG contained by blue markers E of GA APN. The unsealed HEL APN is not a designated HLS.
3. TWY C MAX wingspan 15M.
4. 24HR PN required for overnight GA PRKG.

AERODROME OBSTACLES

1. Terrain penetrations:
   a. BRG 061 MAG 3.0NM FM ARP. Infringes conical SFC by 7FT.
   b. BRG 083-103 MAG 2.4-3.2NM FM ARP. Infringes IHS and conical SFC by 1-115FT.
   c. BRG 142 MAG 2.8NM FM ARP. Infringes conical SFC by 10FT.
   d. BRG 149 MAG 2.3NM FM ARP. Infringes IHS and conical SFC by 26FT.
2. Trees:
   a. 66FT AGL BRG 104-106 MAG 0.49-0.6NM FM ARP. Infringe TNS by 7FT.
   b. 74FT AGL BRG 266-275 MAG 0.3-0.8NM FM ARP. Infringe TNS by 17FT.
   c. 76FT AGL BRG 290-297 MAG 0.43-0.64NM FM ARP. Infringe TNS by 26FT.
   d. 77FT AGL BRG 013-084 MAG 0.12-0.52NM FM ARP. Infringe TNS by 20FT.
3. Lit TWR 190FT AMSL BRG 256 MAG 1.03NM FM ARP.
4. RWY 10/28 TNS on S side infringed BTN TWY A and W end by trees 150M S of CL. Infringes up to 22FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 08 7922 2506 - Report faults to BoM.
3. AWIS FREQ 128.65 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

10/28	096	62a	PCR 210/F/A/1.08 MPa/T Grooved. Last 60M of both ends including turning nodes are ungrooved.	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 10/28	LIRL	AFRU+PAL 126.0		SDBY PWR AVBL
RWY 10/28	PTBL(2)			BY PRIOR ARRANGEMENT
RWY 10	PAPI(1)	AFRU+PAL 126.0	3.0 DEG46FT	SDBY PWR AVBL
RWY 28	PAPI(1)	AFRU+PAL 126.0	3.0 DEG41FT	SDBY PWR AVBL

(1) Left side.
(2) 90MIN PN.

1. PAPI MEHT design ACFT: E190. PAPI may not provide standard wheel clearance for aircraft in the 5M < 8M eye-to-wheel height group.
2. RWY edge light spacing: 10/28: 60M.

OTHER LIGHTING

1. SDBY PWR switchover time: 30 SEC.
2. TWY LGT: Blue edge on A.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.2 On Ground

RADIO NAVIGATION AND LANDING AIDS

DME	GTE	114.8/ 95X	135831.3S	1362717.9E		(1)
NDB	GTE	407	135830.2S	1362719.6E	Range 90 (HN 90)	(2)

(1) Antenna ELEV 84FT.
(2) Range reduced to 50 in sector 090-170

LOCAL TRAFFIC REGULATIONS

1. ACFT over 5,700KG MTOW must turn at turning nodes end RWY 10/28.
2. Request permission to park on RPT APN from AD Manager with 24HR PN.
3. Light ACFT tie-downs not strength rated.

CTAF - AFRU 126.0

ADDITIONAL INFORMATION

1. Blasting may take place HJ. Check current NOTAM. MNT CTAF.
2. Bird hazard exists at sunrise and sunset.
3. Fruit bat hazard exists at sunrise and sunset on RWY and APCH.

CHARTS RELATED TO THE AERODROME

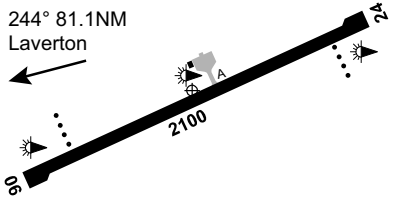
1. WAC 3110.
2. Also refer to AIP Departure and Approach Procedures.

GRUYERE — ELEV 1542

AVFAX CODE 6406

WA		UTC +8	YGRM
280203S	1234851E	VAR 2 DEG E	CERT

AD OPR Gruyere Management Pty Ltd, Level 4, 235 St Georges Terrace, Perth, WA, 6000.
Email: gjv.aerodrome@gruyerejv.com. PH 08 6187 4148: H24 0427 389 326.



REMARKS

PPR FM AD OPR.

HANDLING SERVICES AND FACILITIES

JET A1 AVBL. Fixed facility. PPR from AD OPR.

AERODROME OBSTACLES

Lit mast HGT 1,562FT AMSL BRG 278 DEG MAG, 222M FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

AWIS FREQ: 133.45MHz (requires three one-second pulses to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

06/24	063	69a	PCR 250/F/B/Y/T	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 06/24	LIRL	AFRU+PAL 125.85		SDBY PWR AVBL
RWY 06/24	PAPI(1)	AFRU+PAL 125.85	3.0 DEG48.5FT	SDBY PWR AVBL
RWY 06/24	PTBL(2)			BY PRIOR ARRANGEMENT

(1) Left side only.
(2) 60MIN PN.
RWY 06/24 edge LGT spacing: 60M.

OTHER LIGHTING

Secondary PWR switchover time: 15MIN - manually activated.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	118.4

LOCAL TRAFFIC REGULATIONS

1. RWY 06/24: All fixed wing ACFT ABV 20,000KG must make MAX RAD turns at MNM speed at all turning nodes to avoid SFC damage.
2. All ACFT to follow APN markings.
3. All jet ACFT to use idle PWR for movements on the APN with the exception of breakaway thrust to initiate taxi. ACFT that cannot comply with this restriction must advise the AD OPR prior to DEP.
4. PRKG by prior arrangement with AD OPR.

CTAF - AFRU 125.85

Information may be continued on the next page: PTO

ADDITIONAL INFORMATION

1. Blasting HJ DLY BRG 028 DEG MAG 3.6NM FM ARP. Dust plumes may occur following blasting, ACFT are requested to avoid flying over mine pit.
2. UAV OPR HJ daily BRG 037DEG MAG 3.7NM FM ARP. SFC to 400FT AGL.

CHARTS RELATED TO THE AERODROME

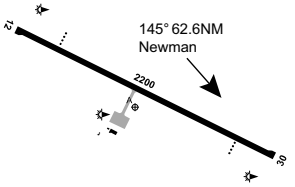
1. WAC 3352.
2. Also refer to AIP Departure and Approach Procedures.

GUDAI-DARRI MINE — ELEV 1473

AVFAX CODE 6838

WA		UTC +8	YKDD
223019S	1190434E	VAR 1 DEG E	CERT

AD OPR Mount Bruce Mining Pty Ltd, Level 18, 152-158 St Georges Terrace, Perth, WA, 6000. Email: gudaidarri.airport@amsaustralia.com. PH 08 9327 2000. ARO AH 0428 868 947.



REMARKS

Restricted OPS: 24 HR PPR FM AD OPR (AD MGR).

HANDLING SERVICES AND FACILITIES

Viva Energy Aviation: 2230-1000 UTC DLY, AH with 2HR PN. PH 0448 680 573. JET A1 - Fuel2Sky Carnet Cards, V or MC.
Marshalling, parking allocation and ground handling services by prior arrangement with AD OPR.

PASSENGER FACILITIES

WC, LG, RF, Telstra 4G mobile reception.

APRONS AND TAXIWAYS

TWY A, Code C WID 18M bitumen seal.

AERODROME OBSTACLES

There are a large number of obstacles in the VCY of the AD. CTC ARO for details.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS FREQ 133.350 (requires three one-second pulses to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

12/30	115	72a	PCR 450/F/B/X/T Sealed.		WID 45	RWS 300

AERODROME AND APPROACH LIGHTING

RWY 12/30	LIRL(3)	PAL+AA 119.6		
RWY 12/30	PAPI(1)	PAL+AA 119.6	3.0 DEG54FT	SDBY PWR AVBL
RWY 12/30	PTBL(2)			BY PRIOR ARRANGEMENT

(1) Left side. PAL+AA requires three three-second pulses to activate.
(2) EMERG (mercy flights) only. 2HR PN.
(3) PAL+AA requires three three-second pulses to activate.
RWY edge light spacing: 59.5M.

OTHER LIGHTING

1. SDBY PWR switchover time: 20 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	128.15 Circuit area
BASE	GUDAI-DARRI BASE	127.925 (1)

(1) All OPS: Advise AD OPR at least 20 MIN prior to ETA.

LOCAL TRAFFIC REGULATIONS

1. RWY 12/30: All fixed wing ACFT ABV 5,700KG must make MAX RAD turns at MNM speed at turning nodes to avoid SFC damage.
2. All ACFT 5,700KG and BLW are permitted to perform MAX RAD mid RWY turns.
3. All ACFT are required to backtrack on RWY centreline.
4. All ACFT to follow APN markings.
5. All jet ACFT to use idle power for movements on the APN with the exception of breakaway thrust to initiate taxi.

FLIGHT PROCEDURES

Right hand circuit on RWY 30 due to high terrain to the S of the AD.

CTAF - AFRU 127.05

1. AFRU not AVBL on ground.
2. AFRU at Fortescue Dave Forrest (YFDF).

ADDITIONAL INFORMATION

Blasting occurs BTN BRG 209 MAG and BRG 248 MAG, 2.0NM to 4.2NM FM ARP.
CTC ARO for blasting times.

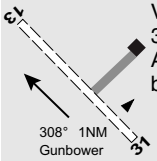
CHARTS RELATED TO THE AERODROME

1. WAC 3229.
2. Also refer to AIP Departure and Approach Procedures.

GUNBOWER

ELEV 290

FULL NOTAM SERVICE NOT AVBL



VIC			UTC +10	YGBW
355759S		1442252E	VAR 11 DEG E	UNCR

AD OPR Brohden Elliott, 34 Pavone Rd, Gunbower, VIC, 3566. Email: brohdenelliott@icloud.com. PH 03 5487 1517. Mobile 0438 368 088.

REMARKS

PPR.

AERODROME OBSTACLES

Powerlines prior to RWY 31 THR.

PHYSICAL CHARACTERISTICS

13/31	23c	Unrated. Grass. RWY LEN 700M.	WID 30

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	118.6

CTAF 126.7

ADDITIONAL INFORMATION

1. White painted tyres around RWY edges and windsock.
2. Strip becomes unserviceable after moderate rain.
3. Bird and animal hazard may exist.

CHARTS RELATED TO THE AERODROME

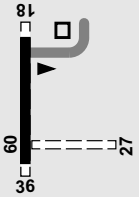
WAC 3457, 3469, 3470.

Information may be continued on the next page: PTO

GUNDAROO

ELEV 1860

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YGDO
350242S 1491530E VAR 13 DEG E UNCR
AD OPR DSI, PO Box 418, Terrey Hills, NSW, 2084. PH Manager 0429 443 260.

REMARKS
PPR.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	CANBERRA APPROACH	124.5 On ground

FLIGHT PROCEDURES

Where practical;

a. Approach from and depart to the South.
b. Avoid flying over township or homestead.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

ACFT to give way to steam train on TWY.

CHARTS RELATED TO THE AERODROME

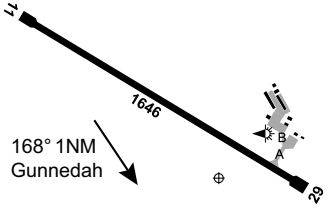
WAC 3456, 3457.

GUNNEDAH

ELEV 866

AVFAX CODE 2034

NSW UTC +10 YGDH
305740S 1501502E VAR 11 DEG E CERT
AD OPR Gunnedah Shire Council, PO Box 63, Gunnedah, NSW, 2380. PH 02 6740 2100. Fax 02 6740 2119.



REMARKS

AD charges: in accordance with council fees and charges.

HANDLING SERVICES AND FACILITIES

Gunnedah Aero Club: H24, fuel general enquiries PH 0408 453 030. AVGAS, JET A1 self-service card swipe bowsers. MC, V and AMEX only. Carnet cards not accepted.

PASSENGER FACILITIES

TX/HC/LG/WC

AERODROME OBSTACLES

1. TWR 1,588FT AMSL, PSN 310007.9S 1501541.9E. Infringes COS by 497FT. Lit by red intermittent light.
2. Transient obstacles:
   a. Road, 4.5M, 879FT AMSL, PSN 305746.9S 1501520.7E
   b. Road, 4.5M, 880FT AMSL, PSN 305741.8S 1501524.6E

3. Groups of trees:
   a. 951FT AMSL, PSN 305755.4S 1501557.2E. Infringes TKOF SFC.
   b. 991FT AMSL, PSN 305811.7S 1501623.5E. Infringes TKOF SFC.
   c. 944FT AMSL, PSN 305806.0S 1501547.9E. Infringes TKOF SFC.
   d. 906FT AMSL, PSN 305750.1S 1501539.4E. Infringes TKOF SFC.
   e. 920FT AMSL, PSN 305756.4S 1501541.6E. Infringes TKOF SFC.
   f. 920FT AMSL, PSN 305756.2S 1501543.0E. Infringes TKOF SFC.
   g. 926FT AMSL, PSN 305755.2S 1501543.8E. Infringes TKOF SFC.
   h. 928FT AMSL, PSN 305653.8S 1501353.9E. Infringes TKOF SFC.
   i. 919FT AMSL, PSN 305702.2S 1501356.7E. Infringes TKOF SFC.
   j. 926FT AMSL, PSN 305657.6S 1501350.9E. Infringes TKOF SFC.
   k. 921FT AMSL, PSN 305743.5S 1501529.9E. Infringes TNS.
   l. 928FT AMSL, PSN 305748.5S 1501518.6E. Infringes TNS.
   m. 934FT AMSL, PSN 305747.2S 1501514.4E. Infringes TNS.
   n. 940FT AMSL, PSN 305748.6S 1501517.4E. Infringes TNS.
   o. 919FT AMSL, PSN 305740.3S 1501525.1E. Infringes TNS.
   p. 925FT AMSL, PSN 305746.9S 1501516.9E. Infringes TNS.
   q. 944FT AMSL, PSN 305754.5S 1501527.7E. Infringes TNS.
   r. 922FT AMSL, PSN 305736.0S 1501520.8E. Infringes TNS.
   s. 915FT AMSL, PSN 305737.5S 1501521.9E. Infringes TNS.
4. Tree:
   a. 905FT AMSL, PSN 305745.3S 1501533.0E. Infringes TKOF SFC and APCH SFC.
   b. 894FT AMSL, PSN 305746.9S 1501518.7E. Infringes TNS.
   c. 948FT AMSL, PSN 305727.8S 1501435.5E. Infringes TNS.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 02 9353 6425 - Report faults to BoM.
3. AWIS FREQ 133.275 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

11/29 111 54a PCR 110/F/D/Y/T WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 11/29 LIRL AFRU+PAL 127.4
RWY edge light spacing: 60M.

OTHER LIGHTING

TWY LGT: Blue edge on TWY A only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 127.1 On Ground

FLIGHT PROCEDURES

Right hand circuits RQ when OPR on RWY 29.

CTAF - AFRU 127.4

ADDITIONAL INFORMATION

1. Bird hazard exists.
2. Kangaroos present within RWY strip area and AD year round.
   a. Species-specific NOTAM will be issued during periods of increased activity.

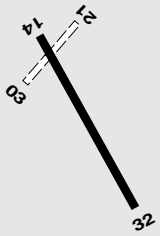
CHARTS RELATED TO THE AERODROME

1. WAC 3357.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

GYMPIE

ELEV 260
FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YGYM
261658S 1524207E VAR 11 DEG E UNCR
AD OPR Gympie Regional Council, 242 Mary Street, Gympie, QLD, 4570.
PH 1300 307 800. Website: www.gympie.qld.gov.au.

REMARKS

1. PPR. Obtain via Permission to Operate form on website or contact AD OPR.
2. Landing charges: all ACFT.
3. Parking charges: all ACFT PRKG in short-term (“01S”), long-term (“02L”), or temporary parking bays (“03T”).
4. All HN OPS prohibited except for EMERG services.

HANDLING SERVICES AND FACILITIES

Gympie Aero Club Inc: AVGAS and PULP 98 AVBL. Self-service automated bowser H24. Payment via EFTPOS (V and MC only) or Compac Pay smartphone APP.
Backup service: Cumulus Airpark PH 0428 835 451.

AERODROME AND APPROACH LIGHTING

RWY LGT AVBL only for emergency services. Contact AD OPR with 1 HR PN.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	129.0 2500FT

LOCAL TRAFFIC REGULATIONS

1. Carriage and use of radio is required by AD OPR.
2. Helicopter training prohibited.
3. RWY 32 THR turns to line up should be avoided on sealed section of THR.
4. Parking:
   a. APN PRKG not WI 18M of AVGAS/PULP FAC. Not immediately in front of terminal building.
   b. Short-term (1-6 days) PRKG AVBL N of APN and within signed area 01S.
   c. Long-term (7 days or more) PRKG AVBL W of APN and within signed area 02L.
   d. Temporary or overflow PRKG AVBL S of APN and within signed area 03T.

CTAF 126.7

ADDITIONAL INFORMATION

1. Hang glider, parachute and ultralight OPS HJ.
2. Hang glider and aero-tow OPS WI RWS and FM WI 5NM RAD from SFC-3,000FT.
3. Glider launching via rope/aero-tow RWY 14/32. Rope position W of RWY 14/32.
4. Rope launch possible from SFC-2,500FT, midfield crosswind joining not recommended during gliding OPS – phone club 0438 639 926.
5. Ultralight OPS on sealed and grassed areas WI RWS.
6. Parachuting OPS GND to FL150. If unfamiliar, CTC jump pilot via CTAF. Midfield crosswind not recommended during OPS.
7. Aerobatics and spin recovery training operations conducted directly overhead the airfield, BTN 2,500FT and 6,500FT AGL.

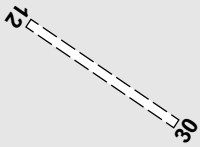
CHARTS RELATED TO THE AERODROME

WAC 3340.

HAASTS BLUFF

ELEV 2269

FULL NOTAM SERVICE NOT AVBL



NT UTC +9:30 YHAA
232702S 1315105E VAR 4 DEG E UNCR
AD OPR Haasts Bluff Community Inc, PMB Haasts Bluff, via Alice Springs, NT, 0871. PH 08 8956 8533.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 119.8 FL185

CTAF 126.7

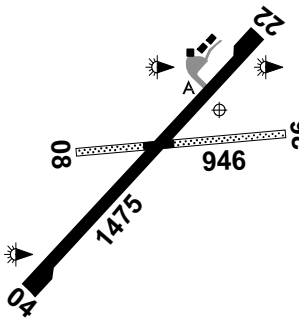
CHARTS RELATED TO THE AERODROME

WAC 3231.

HALLS CREEK

ELEV 1346

AVFAX CODE 6908



WA UTC +8 YHLC
181402S 1274011E VAR 2 DEG E CERT
AD OPR Aerodrome Management Services, PO Box 226, Halls Creek, WA, 6770. Email: hcairport@amsaustralia.com.
ARO 0437 170 368.

REMARKS

1. AD Charges: All ACFT.
2. Airside gate access CTC ARO.
3. Landside gate access C1234X.

HANDLING SERVICES AND FACILITIES

AIR BP - AVGAS H24 self serve bowser (with AirBP Sterling card).
Aerodrome Management Services (AMS) - JET A1 H24 self serve bowser (with AMS carnet card). Credit card accepted for both by OPR MON-FRI 2200-0800 UTC. All other times, call out fee $150 applies. 1HR PN required. Phone ARO. Direct applications for AMS JET A1 carnet cards email AD OPR.

PASSENGER FACILITIES

WC - CTC ARO for access.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 08 6216 2617 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

04/22	042	48a	PCR 60/F/B/Y/T Sealed.	WID 30	RWS 90
08/26	083	31c	5700 kg/0.55 MPa Red gravel	WID 18	RWS 60

AERODROME AND APPROACH LIGHTING

RWY 04/22 LIRL AFRU+PAL 126.7

1. RWY edge light spacing: 04/22: 60M.
2. No standby/backup PWR AVBL.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.2 On Ground

RADIO NAVIGATION AND LANDING AIDS

NDB HLC 245 181359.2S 1274020.8E Range 50 (HN 50)

Information may be continued on the next page: PTO

LOCAL TRAFFIC REGULATIONS

1. ACFT ABV 5,700KG MTOW must use turning nodes for 180 DEG turns RWY 04/22.
2. ACFT BLW 5,700KG MTOW requested to use MAX radius and MNM speed turns to avoid pavement damage.
3. Aircraft tie down points (not rated) provided on the Main Apron and GA Parking.

FLIGHT PROCEDURES

Bungles scenic flights conform to the following Standard Operating Procedures. These procedures include adherence to the Table of Cruising Levels.

a. From Halls Creek track to the South West Tip of the Bungles via McIntosh Hills. Returning, depart the Southern Tip of the Bungles tracking direct to Halls Creek.
b. Operate around the Bungles in accordance with the procedures specified in ERSA GEN - Special Procedures (Not Associated with an Aerodrome).

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

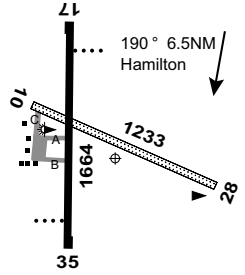
1. Bird hazard. Increased black kites and corellas HJ activity on and in VCY of AD. CTC 126.7 for real time information.
2. Wildlife hazard (wallabies) on AD. Increased ACT HN.

CHARTS RELATED TO THE AERODROME

1. WAC 3222.
2. Also refer to AIP Departure and Approach Procedures.

HAMILTON — ELEV 803

AVFAX CODE 3014



VIC UTC +10 YHML
373856S 1420355E VAR 10 DEG E CERT

AD OPR Southern Grampians Shire Council, PO Box 685, Hamilton, VIC, 3300. PH 03 5573 0256. ARO TUE and THU 0730 - 1600 Local 0417 553 796.

HANDLING SERVICES AND FACILITIES

AVGAS and JET A1 AVBL H24 IOR Fuelcharge APP or TAG only. PH: 1300 457 467.

PASSENGER FACILITIES

PT/TX (03 55711200)/LG/WC/ME.

AERODROME OBSTACLES

1. Trees:
   a. 832FT AMSL BRG 343 DEG MAG 2,346M FM ARP. Infringes TKOF SFC by 3FT.
   b. 826FT AMSL BRG 336 DEG MAG 2,076M FM ARP. Infringes TKOF SFC by 17FT.
   c. 824FT AMSL BRG 341 DEG MAG 2,202M FM ARP. Infringes TKOF SFC by 4FT.
   d. 840FT AMSL BRG 283 DEG MAG 1,555M FM ARP. Infringes TKOF SFC by 6FT.
   e. 834FT AMSL BRG 283 DEG MAG 1,367M FM ARP. Infringes TKOF SFC by 12FT.
   f. 784FT AMSL BRG 287 DEG MAG 746M FM ARP. Infringes TKOF SFC by 4FT.
2. Groups of trees:
   a. 805FT AMSL BRG 346 DEG MAG 1,928M FM ARP. Infringes TKOF SFC by 2 FT.
   b. 811FT AMSL BRG 338 DEG MAG 1,970M FM ARP. Infringes TKOF SFC by 7FT.
   c. 840FT AMSL BRG 339 DEG MAG 2,261M FM ARP. Infringes TKOF SFC by 17FT.
   d. 825FT AMSL BRG 093 DEG MAG 990M FM ARP. Infringes TKOF SFC by 4FT.
   e. 820FT AMSL BRG 097 DEG MAG 936M FM ARP. Infringes TKOF SFC by 2FT.
   f. 821FT AMSL BRG 099 DEG MAG 878M FM ARP. Infringes TKOF SFC by 7FT.
   g. 821FT AMSL BRG 099 DEG MAG 890M FM ARP. Infringes TKOF SFC by 6FT.
   h. 818FT AMSL BRG 100 DEG MAG 837M FM ARP. Infringes TKOF SFC by 7FT.
   i. 783FT AMSL BRG 286 DEG MAG 724M FM ARP. Infringes TKOF SFC by 4FT.
   j. 815FT AMSL BRG 345 DEG MAG 1,200M FM ARP. Infringes transitional SFC by 1FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 03 8470 3208 - Report faults to BoM.
3. AWIS FREQ 126.275 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

10/28	103	40c	5700 kg/0.40 MPa Red gravel.	WID 30	RWS 90
17/35	170	55a	5700 kg/0.60 MPa	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 17/35	LIRL	AFRU+PAL 124.2		SDBY PWR AVBL
RWY 17	PAPI(1)	AFRU+PAL 124.2	3.0 DEG28.9FT	SDBY PWR AVBL
RWY 35	PAPI(1)	AFRU+PAL 124.2	3.0 DEG22FT	SDBY PWR AVBL

(1) Left side only.

RWY edge light spacing: 17/35 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: 30 SEC.
2. TWY A LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.8 On Ground

RADIO NAVIGATION AND LANDING AIDS

NDB	HML	203	373857.4S	1420328.3E	Range 45 (HN 45)

LOCAL TRAFFIC REGULATIONS

1. Limited PRKG for ACFT ABV 5,700KG MTOW.
2. Gravel TWY N of APN not AVBL NOV to MAR due to fire suppression ACFT OPS.

CTAF - AFRU 124.2

ADDITIONAL INFORMATION

1. RWY 10/28 and 17/35 - Due to RWY levels ACFT may not be sighted on opposite RWY ends.
2. Birds may be present on SFC and APCH to RWYs.

CHARTS RELATED TO THE AERODROME

1. WAC 3469.
2. Also refer to AIP Departure and Approach Procedures.

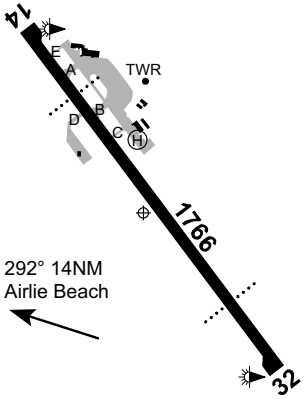
Information may be continued on the next page: PTO

HAMILTON ISLAND

ELEV 15

AVFAX CODE 4403

QLD UTC +10 YBHM
202129S 1485706E VAR 8 DEG E CERT
AD OPR Great Barrier Reef Airport Pty Ltd, PO Box 201, Hamilton Island, QLD, 4803.
PH 07 4946 8620. ARO 0414 594 592. Fax 07 4948 9944.
Website: www.hamiltonisland.com.au/airport.



REMARKS

1. PPR.
2. AD charges apply. Further information AVBL on website.
3. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

VIVA: Whitsunday Aviation Refuelling PTY LTD - 2130-0600 UTC AH call-out fee will apply. PN required. Mobile 0412 936 177, AVGAS, JET A1. VIVA Fuel2Sky Card, Viva Global Carnet Card and Credit Cards (V and MC).

General

AD OPR provides marshalling services.

PASSENGER FACILITIES

BU/HC/AC/LG/RF/WC

RESCUE AND FIREFIGHTING SERVICES

1. CAT 7:
   a. TUE-SUN - 2200-0545 UTC.
   b. MON - 2200-0645 UTC.
2. 131.0 MHz AVBL HO.
3. Water Rescue Service AVBL.

APRONS AND TAXIWAYS

1. TWY A AVBL for ACFT up to Code D.
2. TWY B AVBL for ACFT up to Code D.
3. TWY C not AVBL for ACFT ABV 5,700KG MAX 12M wingspan.
4. TWY D not AVBL for ACFT ABV 20,000KG.
5. TWY E not AVBL for ACFT ABV 5,700KG MAX 15M wingspan.

AERODROME OBSTACLES

1. Transient yacht masts may infringe RWY 14/32 APCH slope clearance.
2. Unlit control tower 101FT AMSL PSN 202110.50S 1485704.60E.
3. Lit TWR:
   a. 52FT AMSL PSN 202110.74S 1485703.18E.
   b. 385FT AMSL PSN 202022.80S 1485711.43E.
4. IWI 20FT AMSL PSN 202151.60S 1485720.30E.

5. AWS TWR 213FT AMSL PSN 202158.50S 1485712.70E.
6. Hazard Beacons:
   a. Resort lookout 600FT AMSL PSN 202104.70S 1485719.80E.
   b. Coral Cove 295FT AMSL PSN 202129.90S 1485733.30E.
   c. Quarry Hill 321FT AMSL PSN 202219.40S 1485713.40E.
   d. Top Dent Island 495FT AMSL PSN 202044.30S 1485556.20E.
   e. Lower Dent Island 318FT AMSL PSN 202033.00S 1485556.70E.
7. Unlit fence 6FT AMSL PSN 202138.11S 1485711.61E.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI, AD WRNG.
2. AWIS Phone 07 3564 3716- Report faults to BoM.
3. AWIS FREQ 124.75 (requires two SEC pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

14/32 135 58a PCR 380/F/A/1.40 MPa/T Grooved WID 45 RWS 150
RWS WID 90(295) for ACFT BLW 22,700KG MTOW by day in VMC. Marked by white cones.

AERODROME AND APPROACH LIGHTING

RWY 14/32	MIRL(1)		SDBY PWR AVBL
RWY 14/32	PTBL(3)		BY PRIOR ARRANGEMENT
RWY 14	PAPI(2)	3.0 DEG47FT	SDBY PWR AVBL
RWY 32	PAPI(2)	3.0 DEG48FT	SDBY PWR AVBL

(1) LGT RQ MAN switching. Prior notice RQ.
(2) LGT RQ MAN switching. Prior notice RQ. Double Sided.
(3) Fixed wing ACFT in EMERG only. 60 MIN PN. CTC ARO.
RWY edge light spacing: 14/32: 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: 60 SEC.
2. TWY LGT: Blue edge on A and B.
3. 4 MIOL associated with local topography. 3 LIOL associated with AD fixtures.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	135.5 Circuit Area (Outside TWR HR)
ATIS	HAMILTON ATIS	128.35
TWR	HAMILTON TOWER	118.7

1. TWR HR: Daily 2330-0545 UTC.
   Phone 07 4946 9123^.
   Note: TWR HR may change at short notice, check status of airspace with ATS or Hamilton ATIS.
2. Hamilton TWR provides combined TWR and APP CTL services within Class D airspace 4,500FT AMSL and BLW DRG TWR HR. CTC TWR for a clearance.
3. Outside TWR HR, Hamilton Class D airspace becomes Class G.
4. Brisbane Centre 133.2 operates Hamilton Island Class C airspace H24.

LOCAL TRAFFIC REGULATIONS

1. Limited parking available - Contact AD OPR for further information.
2. Due pavement disturbance ACFT ABV 23,000KG must use RWY turning nodes for 180DEG turns unless directed by ATC.
3. Phone Hamilton TWR for training and practice instrument APCH approval DRG TWR HR.

FLIGHT PROCEDURES

1. Right hand circuits when OPR on RWY 14.
2. Helicopters to/from Hamilton Island Air apron must track parallel to the duty RWY on ARR or DEP unless specified by ATC.

CTAF - AFRU 127.85

1. CTAF - AFRU AVBL for ACFT on ground Hamilton Island. Range 5NM.
2. CTAF ACT outside TWR HR.

Information may be continued on the next page: PTO

ADDITIONAL INFORMATION

1. Bird hazard exists.
2. Wildlife activity increases following periods of heavy rainfall. Pilots should contact ATC or ARO for real-time wildlife hazard reports.
3. Flying fox activity occurs year-round and increases at dusk. Flying foxes may transit across the RWY 14 APCH path.
4. Waterfowl may be present in the vicinity of midfield ponds adjacent to the movement area.
5. ACFT carrying livestock or Dangerous Goods Class 1 explosives require prior approval from AD OPR.
6. Turbulence and associated windshear can be expected on APCH to RWY 14 when wind strength is 15KT or greater from the North East to East South East.

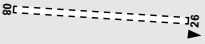
CHARTS RELATED TO THE AERODROME

1. WAC 3234, 3235.
2. Aerodrome Obstacle Chart Type A: May 2026.
3. Also refer to AIP Departure and Approach Procedures.

HARDEN

ELEV 1444

FULL NOTAM SERVICE NOT AVBL



NSW		UTC +10	YHAE
343345S	1482330E	VAR 12 DEG E	UNCR

AD OPR Hilltops Council, Locked Bag 5, Young, NSW, 2594.
Email: mail@hilltops.nsw.gov.au. PH 02 6386 0100 BH.
PH AH EMERG 02 6386 0160. Website: http://hilltops.nsw.gov.au.

REMARKS

Polocrosse events held anywhere from MAR-AUG each year. Kite Festival held early OCT each year. Picnic races held annually mid to late OCT. Airfield is normally closed for these events with notices on website and white cross on RWY.

HANDLING SERVICES AND FACILITIES

Nil fuel onsite, AVGAS and JET A1 AVBL at YCTM. AVGAS AVBL at YYNG.

PHYSICAL CHARACTERISTICS

RWY 08/26 850M x 11M. Slope one-in-sixty downhill to W. SFC compacted or graded decomposed granite gravel.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	124.1

LOCAL TRAFFIC REGULATIONS

PRKG (ACFT and vehicle) AVBL.

CTAF 126.7

ADDITIONAL INFORMATION

1. RWY is located within a racecourse which crosses the RWY at E end APRX 200M on FM THR and at W end at THR.
2. WDI located in paddock adjacent to E end of RWY on S side of strip.
3. Site may be used for horse training and/or walking activities at any time. Check for animals on strip prior to landing.
4. Airstrip is less than 500M FM Harden Township.

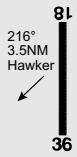
CHARTS RELATED TO THE AERODROME

WAC 3456, 3457.

HAWKER

ELEV 1052

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YHAW
315117S 1382806E VAR 7 DEG E UNCR
AD OPR The Flinders Ranges Council, PO Box 43, Quorn, SA, 5433. PH 08 8620 0500 or 0428 486 031.

HANDLING SERVICES AND FACILITIES

AVGAS 100 H24, credit card swipe bowser. PH 0428 486 031.

PHYSICAL CHARACTERISTICS

18/36 40c Unrated. RWY LEN 1220M. Gravel, Central 18M sealed. WID 23 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 18/36 LIRL AFRU+PAL 126.7

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 123.9 3000FT

LOCAL TRAFFIC REGULATIONS

ACFT ABV 5,700KG must use turning nodes for 180DEG turns.

CTAF - AFRU 126.7

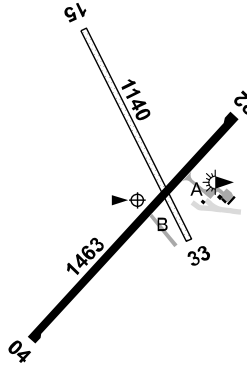
CHARTS RELATED TO THE AERODROME

WAC 3355.

HAY

ELEV 305

AVFAX CODE 2207



NSW UTC +10 YHAY
343153S 1444947E VAR 11 DEG E CERT
AD OPR Hay Shire Council, PO Box 141, Hay, NSW, 2711.
Email: mail@hay.nsw.gov.au. PH 02 6990 1100.

HANDLING SERVICES AND FACILITIES

Aero Refuellers: AVGAS, 24HR self-service, Aero Refuellers card, VISA and MC

APRONS AND TAXIWAYS

RWY 04/22. Turning nodes each end 45M WID.

AERODROME OBSTACLES

1. Unlit masts:
   a. 605FT AMSL BRG 010 DEG MAG, 3,980M FM ARP.
   b. 598FT AMSL BRG 008 DEG MAG 3,854M FM ARP, infringes HZS by 153FT.
2. Lit mast 496FT AMSL BRG 013 DEG MAG 2,613M FM ARP, infringes HZS by 52FT.
3. RWY 15/33 - PWR pole 34FT AGL 432M NW of RWY 15 RWS end.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 02 9353 6426 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

04/22 033 48a 5700 kg/0.60 MPa WID 30 RWS 90
15/33 144 37c Unrated. Red sandy clay WID 30 RWS 90
Transient OBST not accounted for in locating THR RWY 22.

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING

RWY 04/22 LIRL PAL+AA 119.6
RWY 04/22 PTBL(1) BY PRIOR ARRANGEMENT
(1) Emergency flares. 60 MIN PN.
RWY edge light spacing: 90M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 118.6 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION

Bird and animal hazard exists.

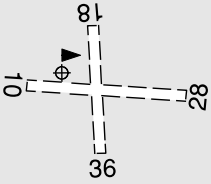
CHARTS RELATED TO THE AERODROME

1. WAC 3457.
2. Also refer to AIP Departure and Approach Procedures.

HECK FIELD

ELEV 10

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YHEC
274603S 1532022E VAR 11 DEG E UNCR
AD OPR David Heck (W.H.Heck & Sons Pty Ltd), Norwell, QLD, 4208.
PH 0418 196 171.

REMARKS

PPR

PHYSICAL CHARACTERISTICS

10/28 23c Unrated. Crusher dust over grass. RWY LEN 700M. WID 10
18/36 21c Unrated. Crusher dust over grass. RWY LEN 640M. WID 15

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.7

LOCAL TRAFFIC REGULATIONS

1. Itinerant ACFT not permitted to conduct TGL.
2. Carriage and use of radio is required by AD OPR.
3. Flight training HJ 7 days per week.
4. Twin engine ACFT not permitted.

CTAF 119.0

CTAF area with Mason Field/Southport.

ADDITIONAL INFORMATION

1. RWY soft after wet weather.
2. Agricultural ACFT operate from the AD.
3. Kangaroo hazard exists.

CHARTS RELATED TO THE AERODROME

WAC 3340.

HERBERTVALE CATTLEYARD

ELEV 804

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YHCS
185731S 1380344E VAR 5 DEG E UNCR
AD OPR Hawkins Cattle Company, Herbertvale, QLD, 4825. PH 07 4748 4998: 07 4748 4942.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.7

CTAF 126.7

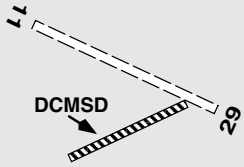
CHARTS RELATED TO THE AERODROME

WAC 3220, 3221.

HERMANNSBURG

ELEV 1945

FULL NOTAM SERVICE NOT AVBL



NT UTC +9:30 YHMB
235540S 1324845E VAR 4 DEG E UNCR
AD OPR Ntaria Community Council, Hermannsburg, via Alice Springs, NT, 0871. PH 08 8956 7411.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 119.8 3500FT

CTAF 126.7

CHARTS RELATED TO THE AERODROME

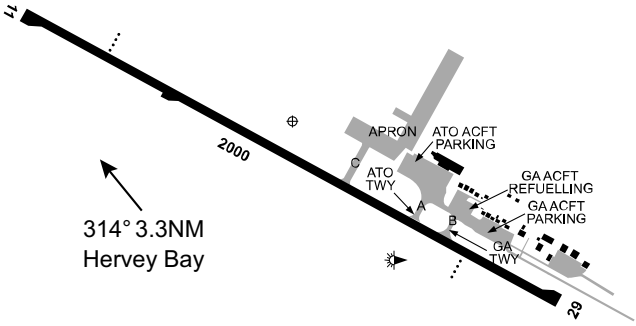
WAC 3232, 3343.

HERVEY BAY

ELEV 60

AVFAX CODE 4026

QLD UTC +10 YHBA
251908S 1525249E VAR 10 DEG E CERT
AD OPR Fraser Coast Regional Council, PO Box 1943, Hervey Bay, QLD, 4655. PH 1300 794 929. ARO 0419 671 405. Website: www.frasercoastairport.com.au.



REMARKS

1. AD Charges: Fees apply - see website or CTC AD OPR.
2. This AD is a Security Controlled Airport. All persons (excluding PAX), operating or accessing airside must wear high VIS attire at all times.
3. GA pedestrian access via GA APN only.

Information may be continued on the next page: PTO

HANDLING SERVICES AND FACILITIES

World Fuel Services - Fraser Coast Aviation: 2100-0630 UTC DLY. Phone 0412 253 267, AH 2HR PN, call out fee may apply. AVGAS H24 WFS carnet card and credit card (via smartphone APP) activated bowser or cash. AVGAS, JET A1, O125, O156.

PASSENGER FACILITIES

RF/PT/LG/WC/ME

SURFACE MOVEMENT GUIDANCE

RWY 29 DIST to run markers 600/400/200M.

AERODROME OBSTACLES

1. Mobile TWR LIT, 345FT AMSL, BRG 159 MAG, 2.47NM FM ARP, infringes inner HZS.
2. Masts:
   a. Lit, 400FT AMSL, BRG 270 MAG 2.67NM FM ARP, infringes inner HZS.
   b. Lit, 250FT AMSL, BRG 142 MAG, 1.9NM FM ARP, infringes inner HZS (NBN mast).
   c. Unlit, 349FT AMSL, BRG 158 MAG 2.48NM FM ARP, infringes inner HZS.
   d. Unlit, 370FT AMSL, BRG 270 MAG 2.67NM FM ARP, infringes inner HZS.
3. Trees
   a. 86FT PSN 251933.74S 1525330.67E, infringes RWY 29 APCH SFC by 1FT.
   b. 89FT AMSL PSN 251932.68S 1525329.37E, infringes RWY 29 APCH SFC by 9.5FT.
   c. 105FT PSN 251933.37S 1525329.92E, infringes RWY 29 APCH SFC by 16.2FT.
   d. 95FT PSN 251933.35S 1525329.84E, infringes RWY 29 APCH SFC by 16.1FT.
   e. 92FT AMSL PSN 251933.01S 1525327.97E, infringes RWY 29 APCH SFC by 16FT.
   f. 82FT AMSL PSN 251932.60S 1525327.82E, infringes RWY 29 APCH SFC by 6.6FT.
   g. 99FT AMSL PSN 251934.37S 1525326.69E, infringes TNS SFC by 3.7FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS Phone 07 3564 3717 - Report faults to BoM.
3. AWIS FREQ 134.9 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

11/29	108	66a	PCR 420/F/C/X/T Grooved		WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 11/29	LIRL(2)	PAL+AA 122.8		SDBY PWR AVBL
RWY 11/29	PAPI(1)	PAL+AA 122.8	3.0 DEG53FT	SDBY PWR AVBL
RWY 11/29	PTBL			BY PRIOR ARRANGEMENT

(1) Left side. PAL requires three one-second pulses to activate.
(2) PAL requires three one-second pulses to activate.
RWY edge light spacing: 11/29: 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	124.6 500FT

On ground COMS may be available with ATS dependent on ACFT location and building shielding.

LOCAL TRAFFIC REGULATIONS

1. All GA ACFT must park in the designated parking areas or at the discretion of the duty ARO.
2. Parking on the Air Traffic Operation (ATO) apron is restricted to ATO ACFT or ACFT approved by the AD Manager or delegate. No other ACFT may park on the ATO apron other than for picking up or setting down passengers.
3. GA PRKG APN not AVBL to ACFT ABV 5,700KG MTOW.
4. Bay 1 of ATO APN AVBL for GEN HEL use. HEL to park on western edge. PN if in group.
5. GA TWY not AVBL to ACFT ABV 15,000KG MTOW.
6. The operation of ACFT is restricted to sealed RWY, TWY and APN.
7. ACFT at W end of RWY may not be sighted by ACFT at TWY intersection due RWY levels.
8. All ACFT ABV 20,000KG must use THR turning nodes to turn around on RWY 11/29.
9. ACFT must use MAX radius turns on RWY 11/29 turning nodes.

FLIGHT PROCEDURES

1. Due to RWY longitudinal slope ACFT must broadcast intentions on CTAF before operating on RWY.
2. For special procedures which apply to the Great Sandy Bay Marine Park and Fraser Island, see entry under ERSA GEN - SPECIAL PROCEDURES.

CTAF - AFRU 126.55

ADDITIONAL INFORMATION

Flying foxes in the vicinity of the AD particularly at dusk.

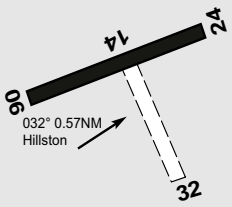
CHARTS RELATED TO THE AERODROME

1. WAC 3340.
2. Also refer to AIP Departure and Approach Procedures.

HILLSTON

ELEV 403

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YHLS
332937S 1453125E VAR 11 DEG E UNCR
AD OPR Carrathool Shire Council, PO Box 12, Goolgowi, NSW, 2652.
PH BH 02 6961 7600. ARO 0429 919 092.
ARO MOB AD MGR 0456 763 165. Fax 02 6965 1379.

REMARKS

1. AD INFO and landing enquiries PH council. AH automated message advising PH to contact.
2. Illuminated windsock located near the APN.

HANDLING SERVICES AND FACILITIES

No fuel AVBL. Contact Lowes by prior arrangement PH 02 6967 2432.

PASSENGER FACILITIES

Telephone facilities not AVBL. Small Terminal (WC).

APRONS AND TAXIWAYS

Sealed.

AERODROME OBSTACLES

Tower 730FT AMSL. APRX 1NM E of THR RWY 32 - marked and lit.

PHYSICAL CHARACTERISTICS

06/24	43a	5700 kg Unrated. Sealed. RWY LEN 1,300M.	WID 18	RWS 90
14/32	27c	5700 kg Unrated. Grassed red clay. RWY LEN 820M.	WID 90	

AERODROME AND APPROACH LIGHTING

RWY 06/24	HIRL	PAL 120.05	SDBY PWR AVBL
RWY 06/24	PTBL(1)		BY PRIOR ARRANGEMENT

(1) 60 MIN PN.
RWY edge light spacing: 06/24: 95M.

OTHER LIGHTING

1. APN floodlighting is activated by PAL.
2. SDBY PWR switchover time: Manually activated.
3. Blue TWY edge LGT.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	134.65 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. RWY14/32 not AVBL to ACFT ABV 5,700KG MAX all up weight.
2. PRKG is permitted.
3. Light ACFT PRKG AVBL on tie-downs - not strength rated. ACFT must not taxi into tie-down positions under power.

CTAF 126.7

Information may be continued on the next page: PTO

ADDITIONAL INFORMATION

1. Landside access to APN via gate on the northern side.
2. Animal hazard may exist (kangaroos).

CHARTS RELATED TO THE AERODROME

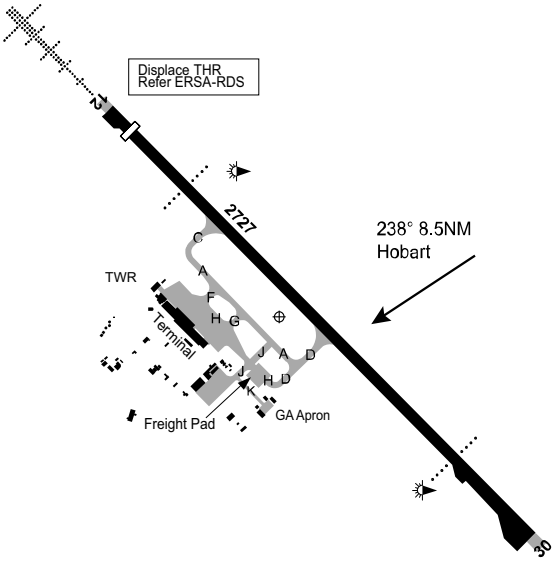
WAC 3457.

HOBART ELEV 13

AVFAX CODE 7001

TAS		UTC +10	YMHB
425010S	1473037E	VAR 16 DEG E	CERT

AD OPR Hobart International Airport Pty Ltd, Hobart International Airport, 6 Hinkler Rd, Cambridge, TAS, 7170. Email: operations@hobartairport.com.au. PH 03 6216 1600^. ARO 0418 120 854. Fax 6248 5540. Website: www.hobartairport.com.au.



REMARKS

1. This AD is a Security Controlled Airport.
2. AD Charges: All ACFT AVBL FM website.

HANDLING SERVICES AND FACILITIES

Air BP: Hobart Aviation Refuellers. 1900-1000 UTC DLY, AH call-out fee, 1HR PN.
Phone H24 03 6248 5713, Fax 03 6248 5715, email: enquiries@hobartaviationrefuellers.com.au.
JET A1 only.
ACFT marshalling is the responsibility of ACFT operators.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 7:
   a. SUN-FRI 1945-1245 UTC.
   b. SAT 1945-1115 UTC.
   Note: All times 1HR earlier HDS.
2. 131.0 MHz AVBL HO.
3. Water Rescue Service AVBL.

APRONS AND TAXIWAYS

1. APN PRKG PSN designation number markings are not sequential.
2. TWY K not AVBL for ACFT above 5,700KG MTOW or wingspan greater than 12M.
3. GA apron HJ only.

AERODROME OBSTACLES

1. BLDG 188FT AMSL BRG 261 MAG 2.63NM FM ARP infringes conical SFC.
2. Frangible lattice weather mast 45FT AMSL BRG 113MAG 0.9NM FM ARP. Lit with steady red OBST light and marked with alternating red and white. Infringes approach SFC.
3. Fence 21FT AMSL BRG 121 MAG 1,728M FM ARP. Infringes APCH SFC by up to 3FT.
4. Towers:
   a. Lit and marked phone TWR 738FT AMSL at Single Hill BRG 177 DEG MAG 2.5NM FM ARP. Infringes HZS.
   b. Lit and marked phone TWR 906FT AMSL at Butchers Hill BRG 310 DEG MAG 6.18NM FM ARP. Infringes HZS.
   c. Lit and marked phone TWR 164FT AMSL at Tower Hill BRG 251 DEG MAG 0.39NM FM ARP. Infringes inner HZS.
   d. Unlit phone TWR 710FT AMSL at Mt Augustus BRG 170 DEG MAG 7.86NM FM ARP. Infringes outer HZS by 212FT.
   e. Communications TWR 653FT AMSL at Weston Hill BRG 011 DEG MAG 4.82NM FM ARP. Infringes outer HZS.
   f. Mt Mather communications TWR. Lit 652FT AMSL, PSN 425541.23S 1472826.63E BRG 182 DEG MAG 5.75NM FM ARP. Infringes outer HZS.
   g. Lit and marked TWR 755FT at Lewisham BRG 081 DEG MAG 6.2NM FM ARP. Infringes outer HZS.
   h. Marked and lit mast 669FT AMSL at Lauderdale BRG 170 DEG MAG 5.38NM FM ARP. Infringes outer HZS by 171FT.
   i. Lit communications TWR 1,893FT AMSL at Grasstree Hill BRG 283 DEG MAG 7.75NM FM ARP. Infringes outer HZS by 1,394FT.
   j. Lit communications TWR 1,364FT AMSL at Mount Rumney, PSN 425138.1S 1472715.3E. Infringes conical SFC.
5. Groups of trees:
   a. 49FT AMSL PSN 424935.9S 1472942.8E. Infringes APCH SFC by up to 3FT.
   b. 52FT AMSL PSN 424934.7S 1472939.6E. Infringes APCH SFC by up to 3FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, TAF3 H24, AD WRNG, WS WRNG.
2. AWIS PH 03 6283 8602 - Report faults to BoM.
3. AWIS FREQ 122.375 (requires one-second transmit pulse to activate) - Report faults to AD OPR.
4. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM MWO 03 6221 2026.

PHYSICAL CHARACTERISTICS

12/30	119	89a	PCR 1050/F/D/X/T Grooved		WID 45	RWS 300

AERODROME AND APPROACH LIGHTING

RWY 12/30	HIRL			SDBY PWR AVBL
RWY 12/30	MIRL	AFRU+PAL 118.1		SDBY PWR AVBL
RWY 12	HIAL-CAT I	AFRU+PAL 118.1		SDBY PWR AVBL
RWY 12	PAPI	AFRU+PAL 118.1	3.0 DEG69FT	SDBY PWR AVBL
RWY 30	PAPI	AFRU+PAL 118.1	3.0 DEG77FT	SDBY PWR AVBL

1. **ALS type and length**
   a. RWY 12 - distance coded CL: 850M.
2. RWY edge light spacing: 12/30: 59M.
3. RWY guard LGT (RGL) at all RWY/TWY intersections.
4. Responsible person AVBL on CTAF outside TWR HR. Report PAL faults on CTAF or Phone 03 6216 1600^, and Melbourne Centre 125.55.

OTHER LIGHTING

HBN On nearby hills, refer to IAL charts.

1. Secondary PWR switchover time: 1 SEC during LVP; 15 SEC OT.
2. TWY LGT: Green CL. AVBL on all TWY except TWY K.

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	HOBART CENTRE	(1)	125.55 On Ground
FIA	MELBOURNE CENTRE	(2)	125.55 On Ground
ACD	HOBART GROUND		121.7
APP	HOBART APPROACH	(3)	125.55
ATIS	HOBART ATIS		112.7 128.45
SMC	HOBART GROUND		121.7
TWR	HOBART TOWER		118.1

(1) During APP HR.
(2) Outside APP HR.
(3) Automatic re-transmit when combined with LAUNY APP.
1. TWR and APP HR: 1950-1210 UTC DLY (1HR earlier during HDS).
2. Phone HOBART TWR: 03 6248 3096^. HB APP: 03 9235 2012^.
3. HOBART TWR provides a non-surveillance TWR CTL service within the YMHB Class D CTR and CTA steps:
   a. SFC to 1,500FT east of the YMHB RWY 12/30 extended CL and;
   b. SFC to 2,500FT west of the YMHB RWY 12/30 extended CL extended to 11NM TASUM to the north-west.
4. Hobart TWR also provides information for Cambridge AD traffic.
5. HOBART APP provides a surveillance APP CTL service within the YMHB CTA steps (extending to 70NM TASUM), up to FL245.
6. Outside TWR/APP HR, Class C and Class D airspace WI 35NM TASUM SFC to 8,500FT AMSL becomes Class G.
   Note: TWR and APP may operate independently, hours or airspace responsibility may change at short notice. Check status of airspace with ATS, NOTAM or Hobart ATIS.

RADIO NAVIGATION AND LANDING AIDS

DME	HB	112.7/ 74X	424957.6S	1473038.8E	(2)
VOR	HB	112.7	424958.0S	1473038.4E	(1)
DME	IHB	109.9/ 36X (RWY12)	424948.4S	1473021.6E	(3)
GP	IHB	333.8 (RWY12)	424948.7S	1473021.3E	
ILS	IHB	109.9 (RWY12)	425047.8S	1473133.5E	
LOC	IHB	109.9 (RWY12)	425047.8S	1473133.5E	

(1) RESTRICTION: Coverage reduced by terrain shielding in all sectors.
(2) Antenna ELEV 28FT.
(3) Antenna ELEV 22FT.

Outside TWR HR LOC, GP, VOR, DME, monitored by Melbourne Centre. All other aids pilot monitored. ILS not protected outside TWR HR.

LOCAL TRAFFIC REGULATIONS

1. ACFT ABV 36,000KG MTOW must use nodes for 180DEG turns, except B737, A220, A320, BAE146, C130, A319, A321, E190, GLEX and GLF6.
2. TWY C, G and H BTN Bay 22 and TWY J, and TWY J BTN TWY H and freight apron not AVBL for wide body ACFT unless approved prior by AD OPR.
3. Engine ground running of all ACFT (excluding ENG start up PROC) not permitted without prior approval FM AD OPR. CTC senior OPS office 0418 120 854 H24. ACFT OPR required to broadcast on Hobart SMC (121.7) at start and at finish of ground runs maintaining a listening watch during ENG run.
4. Wide body ACFT PRKG requires approval FM AD OPR prior to OPS.
5. PRKG of itinerant ACFT must be approved by Hobart Airport. Itinerant aircraft parking request form available via airport website.
6. ACFT ABV 36,000KG MTOW LDG RWY 30 vacate at TWY C unless otherwise advised by ATC.
7. HLS not provided.
8. During daylight OPS HEL aiming point is TWY A unless otherwise approved by the AD OPR.
9. During nighttime OPS HEL aiming point is RWY 12/30 unless otherwise approved by the AD OPR.
10. HEL TAX is via marked TWY only unless otherwise approved by the AD OPR.

11. Temporary parked ACFT on the TWY H Freight Pad will close TWY H BTN TWY D and J, TWY D BTN TWY A and H and will be marked by cones and lights at these locations.
12. Entry to Bay 1 AVBL from TWY F only.
13. **INSTRUMENT APPROACH TRAINING**
    a. Capacity for instrument APCH training at YMHB is limited and is subject to scheduled operations. Instrument APCH training availability can be found via www.bookawk.com.
    b. All ACFT planning practice instrument APCH (AVBL during APP HR only) must book a slot online at www.bookawk.com.
    c. Practice VOR approaches are restricted to ACFT below 5,700KG MTOW.
    d. Practice approaches to the non-duty runway may not be available or subject to extensive delays.
14. **HOBART CTR AIRWORK**
    a. Capacity for AWK in the YMHB CTR is limited and priority for AWK, including circuit training at YMHB or YCBG, is allocated according to bookings made online: www.bookawk.com.
    b. All AWK other than circuit training at YMHB and YCBG must also be coordinated with Hobart TWR by phone prior to flight planning.
15. **HOBART CTA SURVEY**
    a. Survey aircraft operating in CTA must book online via www.bookawk.com. If access to the booking page is not AVBL contact Shift Manager 1, Melbourne on 03 9235 2012 BTN 0700 and 2000 Local DLY.
    b. For survey flights, operators must email maps to: ml.sm1@airservicesaustralia.com and call Shift Manager 1, Melbourne on 03 9235 2012 to discuss their planned operations prior to becoming airborne each day.
16. **MIL OPS**
    a. MIL ACFT require specific fuel release through Defence Fuel Services to ensure refuelling priority.
    b. MIL ACFT must advise 29SQN of planned OPS at AD via email: hob.aboc@defence.gov.au.

FLIGHT PROCEDURES

1. ATC TRAFFIC MANAGEMENT SPEED
ACFT ARR or DEP YMHB (including practice instrument APCH) must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.

2. Right hand circuits RWY 30.
3. During TWR HR Airways Clearance shall be requested prior to requesting a taxi clearance.

4. COMMUNICATIONS FAILURE
If VFR in Class G airspace.
    a. Carry out general COM failure procedures.
    b. Stay in VMC.
    c. Proceed to CBG.
    d. Broadcast intentions on 118.1.
    e. Squawk 7600.
    f. Enter CTR from the west between Tasman Bridge (TAS) and Droughty Point (DRP) at 1,500FT AMSL. Remain to the west of a line Seven Mile Beach Township - Hobart Airport - Radio Telescope. Proceed to overhead CBG. Ascertain landing direction and descend to 1,000FT AMSL. Proceed with a normal approach and landing with a circuit direction that will keep the aircraft to the west of CBG and clear of the Hobart runway approaches. Maintain separation from other aircraft. Listen out on ATIS for instructions. Watch for light signals from Hobart Tower.
    g. Contact the tower by phone after landing.

5. **OUTSIDE TWR AND APP HR PROCEDURES**
    a. Melbourne Centre provides ATS services in the Hobart Class A, C and E airspace ABV 8,500FT AMSL.
    b. Melbourne Centre provides Class G services below CTA.
    c. Departures
        (i) Normal CTAF procedures apply.
        (ii) Include RWY and preferred departure procedure (if IFR) with Taxi report to Melbourne Centre.

Information may be continued on the next page: PTO

d. Arrivals:
(i) Advise Melbourne Centre of intended landing RWY and preferred approach (if IFR).

6. VFR Route 1: **VICTOR NORTHWEST**
Inbound: Track CBV-CPA-RCH west of the Colebrook/Richmond Road to west abeam RADT.
Outbound: Track west abeam RADT-RCH-CPA-CBV remain west of the Richmond/ Colebrook Road.
VFR Route 2: **VICTOR NORTHEAST**
Inbound: Track CBV-CPA-Orielton-SORL remain east of Colebrook Road to CPA then via Orielton east of Tasman HWY to SORL. ***Note:*** *Expect circuit joining instructions* ***OR*** *to orbit north of SORL depending on traffic.*
Outbound: Track as directed by ATC to SORL then Orielton remain east of Tasman HWY, thence east of Colebrook Rd east of CPA to CBV.
VFR Route 3: **VICTOR EAST**
Inbound: Track DLY-SORL north of the Arthur HWY. ***Note:*** *Expect circuit joining instruction* ***OR*** *to orbit southeast of SORL depending on traffic.*
Outbound: Track as directed by ATC to SORL thence north of Arthur HWY to DLY.
VFR Route 4: **VICTOR SOUTHWEST**
Inbound: Track DRP to-CBG west of Mt Rumney.
Outbound: Track west of Mt Rumney to DRP.
VFR Route 5: **VICTOR SOUTH**
Inbound: Track CRM-LAUD-CBG.
Outbound: Track LAUD-CRM.
VFR Route 6: **VICTOR WEST**
Inbound: Track BOWB to Risdon Vale thence Cambridge township.
Outbound: Track to Risdon Vale thence BOWB.

7. LOW VISIBILITY OPERATIONS
For CASA approved operators, RWY is capable of supporting takeoffs with an RVR/RWY VIS of not less than 350M.
a. Preparations for Low Visibility Procedures (LVP) commence when VIS has reduced to 2,300M.
b. During conditions of less than CAT I minima, only one ACFT is permitted on the manoeuvring area.
c. All ACFT and vehicle under positive control of ATC.
d. Vehicle access to manoeuvring area restricted to ARO and ARFF.

CTAF - AFRU 118.1

Outside HB TWR HR.

NOISE ABATEMENT PROCEDURES

Noise Abatement Procedures (NAP) apply. Refer AIP DAP.

ADDITIONAL INFORMATION

1. Bird hazard exists. JUN-NOV black cockatoos crossing RWY during early morning and late afternoon. Bird watch reports developed by AD OPR for specific wildlife hazards if required. Email: operations@hobartairport.com.au to be included on distribution list.
2. APCH to RWY 30 in strong winds will produce temporary (less than 2 SEC) but minor vertical updrafts (+500FT/MIN) immediately above the sand dune area.
3. Immediately before the sand dune induced updraft of Note 2, a less severe downdraft could occur for a similar short duration.
4. Blasting may occur HJ at Flagstaff Gully Quarry APRX BRG 255 DEG MAG, 6.0NM FM ARP, SFC to 500FT AGL.

CHARTS RELATED TO THE AERODROME

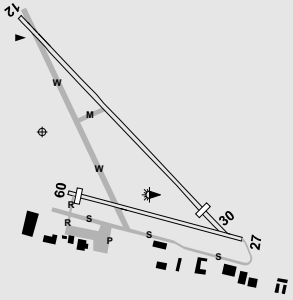
1. WAC 3556.
2. Aerodrome Obstacle Chart Type A Revision 6: APR 2022.
Email: operations@hobartairport.com.au.
3. Also refer to AIP Departure and Approach Procedures.

HOBART/CAMBRIDGE

ELEV 67

FULL NOTAM SERVICE NOT AVBL

TAS UTC +10 YCBG
424936S 1472829E VAR 16 DEG E UNCR
AD OPR Cambridge Airport, 115 Kennedy Drive, Cambridge, TAS, 7170.
Email: info@cambridgeairport.com.au. PH 03 6248 5390. Website: www.cambridgeairport.com.au.



REMARKS

1. AD not AVBL to ACFT ABV 5,700KG.
2. AD Charges: Contact AD OPR.
3. For operator information refer to website.

HANDLING SERVICES AND FACILITIES

World Fuel Services: 24HR AVGAS and JET A1 carnet card and credit card (via COMPAC Pay smartphone APP). CTC AD OPR for assistance.

PASSENGER FACILITIES

Public passenger terminal facilities not AVBL, commercial operators must CTC AD OPR.

PHYSICAL CHARACTERISTICS

09/27	21c	Unrated. Sealed. RWY LEN 630M.	WID 18
12/30	32c	Unrated. Sealed. RWY LEN 975M.	WID 18

AERODROME AND APPROACH LIGHTING

RWY 12/30 LIRL(1) BY PRIOR ARRANGEMENT
(1) PPR FM AD OPR, 120 MIN PN.
Other RWY are illuminated but are only used for taxi guidance.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	HOBART CENTRE	(1)	125.55
ACD	HOBART GROUND		121.7
ATIS	HOBART ATIS		128.45
TWR	HOBART TOWER		118.1

(1) Outside HB TWR and APP HR ML CENTRE.
1. See HOBART entry in ERSA FAC for TWR HR and airspace.
2. Also provides information for Cambridge AD traffic only DRG TWR HR.

LOCAL TRAFFIC REGULATIONS

1. RWY 12/30 is the primary RWY for all ACFT OPS.
2. RWY 09/27:
   a. AVBL for HEL OPS.
   b. AVBL for fixed wing OPS when operationally required.
3. CAUTION: Ground vehicles may be operating on movement areas without advice. OPS to/from/on movement areas are conducted under own watch.
4. ACFT ABV 3,000KG must CTC AD OPR prior to arrival for parking and TWY guidance.
5. Public passenger terminal FAC not AVBL, commercial OPR must CTC AD OPR.

Information may be continued on the next page: PTO

6. Primary fuel facility (AVGAS and AVTUR) at TWY S BTN TWY R and P. Use of other fuel facilities require AD OPR approval. ACFT/HEL accessing this location must give way to existing ACFT/HEL using refuelling facility allowing them to taxi out. ACFT/HEL needing to cross RWY 09/27 to access fuel, contact HB TWR prior to entry.
7. No GA parking on hardstand, all GA to be parked on grass and tied down. Parking on hardstand require AD OPR approval due to HEL OPS and limited hardstand space.
8. Between DEC and APR, visiting aircraft are highly encouraged to contact AD OPR prior to arrival for parking guidance due to increase in itinerant aircraft, including firefighting OPS.
9. **HOBART CTR AWK**
   a. Capacity for AWK in the YMHB CTR is limited and priority for AWK, including circuit training at YMHB or YCBG, is allocated according to booking made via www.bookawk.com
   b. All AWK other than circuit training at YMHB and YCBG must also be coordinated with YMHB TWR by phone prior to flight planning.
10. **INSTRUMENT APCH TRAINING**
   a. Refer to YMHB ERSA FAC for applicable instrument APCH training requirements at YMHB.

FLIGHT PROCEDURES

1. **DRG TWR HR, Class D CTR procedures apply, with the following exceptions:**
   a. Separation on the YCBG movement area is not provided due to the geographical displacement of Hobart (YMHB) TWR.
   b. Prior to leaving APN, ACFT must establish radio COM with HOBART GROUND for FLT notification and/or Airways Clearance.
   c. When ready to taxi and prior to leaving the apron ACFT must contact HOBART TOWER, advising intended runway for departure and receipt of YMHB ATIS, to obtain TFC information.
   d. LDG and TKOF clearances are not given. ACFT must remain clear of active runway and report ready to HOBART TOWER. ACFT must not enter ACTIVE runway and become airborne until DEP instructions have been issued.
   e. Direction of turn on departure and circuit direction will be advised by ATC DRG TWR HR.
   f. ACFT operating in the YCBG circuit must report downwind stating RWY and intentions (e.g. touch and go or full stop LDG).
   g. After LDG, ACFT must report clear of the RWY to HOBART TOWER.
2. **COMMUNICATIONS FAILURE**
   If VFR in Class G airspace.
   a. Carry out general COM failure procedures.
   b. Stay in VMC.
   c. Proceed to CBG.
   d. Broadcast intentions on 118.1
   e. Squawk 7600
   f. Enter CTR from the W between Tasman Bridge (TAS) and Droughty Point (DRP) at 1,500FT AMSL. Remain to the W of a line Seven Mile Beach Township - Hobart Airport - Radio Telescope. Proceed to overhead CBG. Ascertain landing direction and descend to 1,000FT AMSL. Proceed with a normal approach and landing with a circuit direction that will keep the aircraft to the W of CBG and clear of the Hobart RWY approaches. Maintain separation from other ACFT. Listen out on ATIS for instructions. Watch for light signals from Hobart TWR. Contact Hobart TWR by phone 03 6248 3096, after landing.

CTAF 118.1
Outside HB TWR HR.

ADDITIONAL INFORMATION

Blasting may occur HJ at Flagstaff Gully Quarry APRX BRG 248 DEG MAG 4.0NM FM ARP, SFC to 500FT AGL.

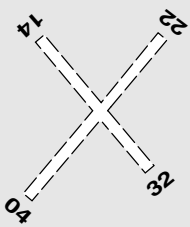
CHARTS RELATED TO THE AERODROME

WAC 3556.

HOLBROOK

ELEV 875

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YHBK
354100S 1471900E VAR 12 DEG E UNCR
AD OPR Greater Hume Shire Council, PO Box 99, Holbrook, NSW, 2644.
Email: mail@greaterhume.nsw.gov.au. PH Shire 6036 0100.
Fax Shire 6036 2683.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 119.5 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION

Ultralight ACFT CCT training DLY - 500FT AGL.

CHARTS RELATED TO THE AERODROME

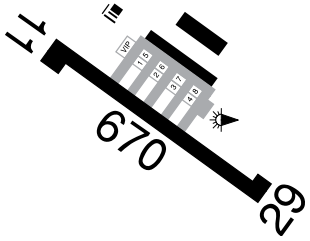
WAC 3456, 3457.

HOLSWORTHY

ELEV 250

AVFAX CODE 2103

NSW UTC +10 YSHW
335942S 1505709E VAR 13 DEG E MIL
AD OPR Dept of Defence, Luscombe Army Airfield, Holsworthy, NSW, 2173. PH 02 8108 3304.



REMARKS

1. Luscombe Army Airfield Holsworthy is a Heliport. Fixed wing operators are warned the runway does not necessarily comply in all respects with applicable regulations.
2. Access to Holsworthy HLS by non 6 AVN REGT aircraft restricted to OPR specifically AUTH by 6 AVN Duty Officer (02 8782 7500, 0419 528 777) or AOM (02 8108 3304) or XO (02 8782 7880).
3. The HLS is located in close proximity to small arms and demolition ranges, civil controlled airspace, civil training areas, R521, R555 and physical obstacles. Operators of non 6 AVN REGT are required to comply with the “Local Procedures” section below, and prior liaison with 6 AVN REGT OPS is recommended due airspace complexity.
4. Information on all active ranges except those within the Special Forces Training Facility (SFTF) may be obtained from Holsworthy Range Control (HRC) (PH 02 8782 4372 JO or OT 0400 791 651). Contact range control on 02 8782 4372 or 0413 186 354 or 0417 296 731 prior to DEP to CFM FREQ RQMNTS. Information on active ranges within the SFTF may be obtained from OIC SFTF (PH 02 8782 5106 JO or OT 0439 570 072). HRC and SFTF staff are not trained or familiar with ATC or SAR Alerting PROC.
5. Corporations with infrastructure within R555 and government organisations that require non-emergency air access for management purposes are required to liaise with HRC at least 21 days in advance to request access.

Information may be continued on the next page: PTO

HANDLING SERVICES AND FACILITIES

F34 (MIL only) 48HR PN to 6 AVN REGT PH 02 8108 3304 JO, OT Duty Officer PH 0419 528 777.

AERODROME OBSTACLES

1. Powerlines, 700M north and parallel to RWY 11/29, centered on PSN 335923.2S 1505723.7E. Red and white support towers APRX 120FT high, unmarked, unlit.
2. Heliport Transitional Slope is 20%, (1:5) rises to 45M high and reaches that height 225M from the edge of the strip.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS PH 02 9353 6427 - Report faults to BoM.
3. Use YSBK ATIS 120.9.

PHYSICAL CHARACTERISTICS

11/29 111 22a PCR 160/F/A/1.00 MPa/T WID 30 RWS 60

OVRNs RWY 29, 600FT; RWY 11, 360FT. RWY slopes down to W. CTC 6 AVN REGT OPS for details.

AERODROME AND APPROACH LIGHTING

RWY 11/29 LIRL SDBY PWR AVBL

1. 48HR PN to 6 AVN REGT PH 02 8108 3304 JO, OT duty officer PH 0419 528 777.
2. SDBY PWR and apron floodlighting AVBL on request.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	SYDNEY CENTRE		124.55
ATIS	BANKSTOWN ATIS	(1)	120.9

(1) BANKSTOWN ATIS, ATS not AVBL.

LOCAL TRAFFIC REGULATIONS

1. All wheeled ACFT must be ground taxied following yellow lines on apron area.
2. Far eastern pads not to be used for ACFT parking due obstacles.
3. 6 AVN REGT OPS (C/S 60A) monitors CTAF FREQ. Visiting ACFT RQ to contact 60A inbound and on taxi for traffic and parking directions.
4. ACFT RQ to contact HRC on taxi and prior to entering R555 to ascertain status of ranges.
5. RWY 11/29 RWS restrictions: RWS FM end of turning node RWY 29 to abeam the illuminated WDI not AVBL. Marked at night by red LGT EXC when NVG OPS in progress.
6. HEL training OPS not to be conducted in vicinity of buildings without approval from the Base Support Manager - Liverpool Military Area 02 8782 4635.
7. IFR ACFT CTC Sydney Centre on 124.55 MHz prior to TAXI for DEP.

FLIGHT PROCEDURES

1. Right hand circuits RQ when OPR on RWY 29.
2. All CCT OPS to remain clear of Small Arms Danger Area (SADA), SFTF and OP LIMIT “no go” zones and, unless a clearance obtained, civil controlled airspace to the east. OPS within SFTF and OP LIMIT “no go” zones by booking only.
3. ACFT RQ to contact 90B on Air Coordination Net (ACN) 136.5 MHz inbound and on taxi for range status and exit of R555.
4. Pilots of transponder equipped ACFT shall switch transponder to ON/ALT prior to entry and during all flights WI R555.
5. Sydney Centre 124.55 MHz will hold SARWATCH for ARR/DEP IFR ACFT on request.
6. Preferred entry route to Luscombe Army Airfield FM N is via 2RN remaining CLR of the SADA and E-W power lines, but no closer than 1/2 NM FM YSBK CTR.
7. ACFT to remain clear of SADA and SFTF and OP LIMIT “no go’ zones and sectors B, C, D, E, G and H unless clearance obtained from HRC and OIC SFTF.
8. ACFT to remain clear of R521.
9. MIL ACFT may OPR WI R555 up to the following vertical limits without reference to Sydney ATS:
   a. 2,000FT AMSL in R555A;
   b. 2,000FT AMSL in R555C DLY 2100-1100 (1 HR earlier HDS) OT by NOTAM;
   c. 1,500FT AMSL in R555F JO 2100-1400 (1 HR earlier HDS) OT by NOTAM; and
   d. 1,000FT BLW the NOTAM upper limit of R555B and R555D during active hours.

   provided relevant clearances have been obtained from HRC and SFTF.

10. Airways clearance to transit R555 ABV 2,000FT when active may be AVBL. CTC Sydney Centre on 124.55 MHz.
11. Civil EMERG services ACFT cleared to enter R555 shall be instructed by SY ATC to broadcast on the Holsworthy CTAF and ACN, on entry and exit, and to monitor the CTAF and ACN for the duration of OPS in R555.
12. Civil EMERG ACFT that request OPS within R555 may be required to cancel IFR and operate VFR.
13. All ACFT operating within R555 will receive an ATS equivalent to that of Class G.
14. Pilots operating in R555 and requesting a clearance to enter Civil CTA/Sydney CTR, shall remain responsible for separation with all flying and non-flying activity in R555.
15. Where neither civil ATC nor the Pilot in Command (PIC) of the civil EMERG services ACFT are able to establish CTC with HRC or 6 AVN REGT to confirm the status of flying and non-flying activity within R555; the PIC of the civil EMERG services ACFT shall be informed of this inability to make CTC. Should the PIC of the civil EMERG services ACFT request a clearance to enter R555 whilst the flying and non-flying status is unknown, the PIC shall accept responsibility for separation with all flying and non-flying activity. Pilots shall broadcast on the Holsworthy CTAF and ACN and monitor the CTAF and ACN for the duration of their OPS in R555.
16. EMERG services ACFT may operate in the portion of R555 west of the Georges River bank abutting Holsworthy Range and the portion of Holsworthy Range known as Long Point, no further south than the high tension power line, SFC to 2000FT AMSL in VMC without reference to Holsworthy Range CTL or 6 AVN REGT. All EMERG services ACFT are to broadcast entry, intention and DEP on the YSHW CTAF FREQ. ACFT should also contact SY Centre on 124.55 and advise intentions. A wake turbulence waiver is automatically initiated BTN EMERG services ACFT and MIL medium wake turbulence category ACFT on entry into R555.
17. Landing and takeoff to RWY permitted during hot refuel operations provided any ACFT conducting hot refuelling remain E of apron area and landing/take off is confined to west of the VIP pad. Aircraft are not to overfly the hot refuel operation on take off or final approach.
18. Simultaneous operations to RWY 11/29 and adjacent grass permitted.

CTAF 121.0

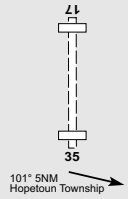
CHARTS RELATED TO THE AERODROME

1. WAC 3456, AUSPEC0203.
2. Holsworthy Special 1:50,000 Edition 4, 2009.

HOMESGLEN

ELEV 262

FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YHGN
354142S 1421534E VAR 10 DEG E UNCR
AD OPR Lindsay & Fay Afford, PO Box 132, Hopetoun, VIC, 3396.
Email: fayafford52@bigpond.com. PH 03 5083 3224: 0437 833 224 (H24): 0400 966 599: 0439 347 449.

REMARKS

PPR.

HANDLING SERVICES AND FACILITIES

Fuel: private stock only.

PASSENGER FACILITIES

Transport to/from AD AVBL with prior notice.

AERODROME OBSTACLES

1. Power line on fence line on APCH to RWY 35.
2. TV aerials, trees and cattle yard on APCH to RWY 17.
   Note: Power line LCA to W of RWY 17/35 but clear of APCH paths.

Information may be continued on the next page: PTO

PHYSICAL CHARACTERISTICS
17/35 26c Unrated. Grass. RWY LEN 800M WID 18

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 125.8

CTAF 126.7

ADDITIONAL INFORMATION
Bird and animal hazard exists.

CHARTS RELATED TO THE AERODROME
WAC 3458.

HONEYMOON

ELEV 416

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YHON
314512S 1403954E VAR 8 DEG E UNCR
AD OPR Boss Energy Ltd, Level 14, 33 King William Street, Adelaide, SA, 5000. Mobile 0488 501 999 (on site).

REMARKS
PPR.

AERODROME AND APPROACH LIGHTING
Solar HN. EMERG use only.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 122.6

CTAF 126.7

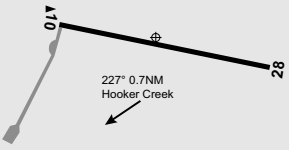
CHARTS RELATED TO THE AERODROME
WAC 3355.

HOOKER CREEK

ELEV 1089

AVFAX CODE 8406

FULL NOTAM SERVICE NOT AVBL



NT UTC +9:30 YHOO
181942S 1303848E VAR 3 DEG E UNCR
AD OPR Wulaign Homelands Council Aboriginal Corporation, PMB 9, Katherine, NT, 0852. Email: wulaign@bigpond.com or walaign001@outlook.com. ARO 0409 028 903.

REMARKS
This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES
Lajamanu Aircraft Refuellers: 24HR PN required. PH 08 8975 0896, AH PH 0459 500 307. AVGAS and JET A1 AVBL 0117, 0125.

PASSENGER FACILITIES
Telstra network AVBL.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT D, METAR/SPECI.
2. AWIS PH 08 7922 2508 - Report faults to BoM.

PHYSICAL CHARACTERISTICS
10/28 52a Unrated. Sealed WID 30 RWS 90
RWY BRG 101 DEG MAG.
RWY slopes 1.31% down to the E.

AERODROME AND APPROACH LIGHTING

RWY 10/28 PTBL(1) BY PRIOR ARRANGEMENT

(1) EMERG only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 123.7 5000FT

RADIO NAVIGATION AND LANDING AIDS

NDB HOO 398 181951.4S 1303813.9E Range 50 (HN 50) (1)

(1) 124/0.4 to ARP.

CTAF 126.7

ADDITIONAL INFORMATION

Bird and animal hazard exists on AD.

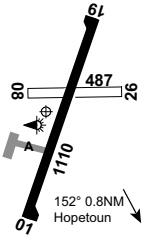
CHARTS RELATED TO THE AERODROME

WAC 3222.

HOPETOUN

ELEV 256

AVFAX CODE 3027



VIC UTC +10 YHPN

354255S 1422135E VAR 10 DEG E CERT

AD OPR Yarriambiack Shire Council, PO Box 243, Warracknabeal, VIC, 3393. PH 03 5398 0100. PH AH 0427 511 550.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D METAR/SPECI.
2. AWIS FREQ 128.95 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

01/19	010	36a	Unrated.	WID 18	RWS 90
08/26	080	16c	Unrated. Grassed brown silt clay	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 01/19 LIRL PAL+AA 123.9

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.8 Circuit Area

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3458.

Information may be continued on the next page: PTO

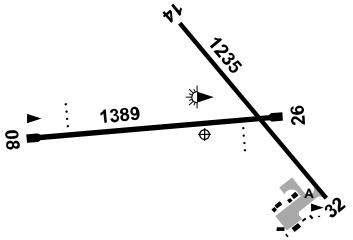
HORN ISLAND

ELEV 43

AVFAX CODE 4502

QLD		UTC +10	YHID
103511S	1421724E	VAR 5 DEG E	CERT

AD OPR Torres Shire Council, PO Box 171, Thursday Island, QLD, 4875.
Email: aro.hiairport@torres.qld.gov.au. PH Airport 07 4069 1314. ARO H24 0429 691 338.



REMARKS

1. Australian Borderforce and Biosecurity.
2. AD Charges: parking, passenger and landing fees applicable.
3. Limited ACFT parking AVBL. Contact ARO with 48HR PN.
4. Security controlled AD. All aircrew to wear safety visibility vest while on APN area.
5. Access requirements - contact ARO.
6. Extensive HEL OPS ranging FM light to medium/heavy OPR HJ and HN. HEL OPS HJ are not restricted to RWY and may be OPR in accordance with HEL procedures in *AIP ENR*.

HANDLING SERVICES AND FACILITIES

AIR BP: 2000-0800 UTC MON-SAT, 2100-0700 UTC SUN. No AH service AVBL.
Phone 07 4069 2224, H24 0499 692 411. VHF 129.9. JET A1, AVGAS, O117, O125. MC, V, AIR BP Carnet Card.
Viva Energy: 2130-0700 UTC MON-FRI. SAT-SUN with PN. AH service AVBL on request. Phone 0484 251 671. JET A1, AVGAS.

PASSENGER FACILITIES

WC/PT/RF/Public Transport.

AERODROME OBSTACLES

1. Lit terrain 130FT AMSL BRG 73 MAG 0.9NM FM ARP.
2. Lit terrain 144FT AMSL BRG 79 MAG 0.9NM FM ARP.
3. Lit terrain 226FT AMSL BRG 89 MAG 0.9NM FM ARP.
4. Lit terrain 398FT AMSL BRG 103 MAG 1.8NM FM ARP.
5. Unmarked and unlit communication TWR 222FT AMSL APRX BRG 256 MAG 1.8NM FM ARP. Infringes inner HZS by 13FT.
6. Trees infringe TNS by up to 20FT either side of RWY 08/26.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI.
2. AWIS Phone 07 3564 3718 - Report faults to BoM.
3. AWIS FREQ 122.125 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

08/26	080	46a	PCR 124/F/A/0.97 MPa/T Grooved.	WID 30	RWS 150
14/32	135	41a	PCR 124/F/A/0.97 MPa/T - NW of RWY08/26 PCR 26/F/A/0.64 MPa/U.	WID 23	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 08/26	PTBL(1)			BY PRIOR ARRANGEMENT
RWY 08	LIRL	AFRU+PAL 126.5		SDBY PWR AVBL
RWY 08	PAPI(3)	AFRU+PAL 126.5	3.0 DEG44FT	SDBY PWR AVBL
RWY 26	LIRL(2)	AFRU+PAL 126.5		SDBY PWR AVBL
RWY 26	PAPI(3)	AFRU+PAL 126.5	3.2 DEG50FT	SDBY PWR AVBL
RWY 14/32	PTBL(1)			BY PRIOR ARRANGEMENT

(1) PN
(2) Lighting WID 33.6M
(3) Left hand side
RWY edge light spacing: 08/26: 90M.

OTHER LIGHTING

HBN SE of AD
1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.3 On Ground

RADIO NAVIGATION AND LANDING AIDS

NDB HID 356 103531.4S 1421733.2E Range 50 (HN 50) OW 100 (OW HN100)

FLIGHT PROCEDURES

1. Due to terrain, TKOF RWY 14 and land RWY 32 not AVBL.
2. For special procedures which apply to Torres Strait biosecurity requirements, see ERSA GEN - SPECIAL PROCEDURES.

CTAF - AFRU 126.5

ADDITIONAL INFORMATION

Bird hazard exists (migratory).

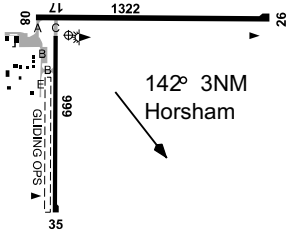
CHARTS RELATED TO THE AERODROME

1. WAC 3097.
2. Also refer to AIP Departure and Approach Procedures.

HORSHAM ELEV 445

AVFAX CODE 3022

VIC UTC +10 YHSM
364011S 1421022E VAR 10 DEG E CERT
AD OPR Horsham Rural City Council, PO Box 511, Horsham, VIC, 3402. PH 03 5382 9777.
ARO 0408 504 255.



HANDLING SERVICES AND FACILITIES

BP - Horsham Aero Club: 2200-0700 UTC MON-FRI. H24 BP JET A1 and AVGAS card swipe bowser. Credit card or BP carnet only. TEL 0418 811 737, 1HR PN required. Call-out fee will apply.

PASSENGER FACILITIES

WC/PT (local only)/ME - ACFT and glider repairs AVBL.

Information may be continued on the next page: PTO

AERODROME OBSTACLES

1. Lit OBST, ELEV 1,126FT, 4NM NE of AD.
2. Unlit OBST, ELEV 647FT 3NM ESE of AD.
3. Hangar corner 136M SW of THR RWY 08. Infringes transitional SFC by 8FT.
4. Unlit OBST, ELEV 514FT AMSL BRG 228 MAG 483M FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS Phone 03 8470 3209 - Report faults to BoM.
3. AWIS FREQ 122.925 - Requires one second pulse to activate.

PHYSICAL CHARACTERISTICS

08/26	080	43a	PCR 60/F/D/0.58 MPa/U	WID 30	RWS 90
17/35	169	33a	5700 kg/0.58 MPa	WID 24	RWS 80

AERODROME AND APPROACH LIGHTING

RWY 08/26	LIRL	AFRU+PAL 118.8	SDBY PWR AVBL
RWY 08/26	PTBL(1)		BY PRIOR ARRANGEMENT
RWY 17/35	LIRL	AFRU+PAL 118.8	SDBY PWR AVBL
RWY 17/35	PTBL(1)		BY PRIOR ARRANGEMENT

(1) 60 MIN PN.

RWY edge light spacing: 17/35: 57M; 08/26: 95M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.8 On Ground
UNICOM	HORSHAM UNICOM	118.8 (1)

(1) TX, fuel, SFC WX and MOV, MON-FRI 0800-1700 Local, serviced by volunteers, usually quick response.

LOCAL TRAFFIC REGULATIONS

1. Limited parking for ACFT ABV 5,700KG MTOW by prior notice.
2. Due to soil cracking and subsidence around movement areas restrict operations to sealed and prepared surfaces. Except glider operations as per AD Manual.

CTAF - AFRU 118.8

ADDITIONAL INFORMATION

1. Gliding OPS HJ JF.
2. Seasonal aerial spraying operations.

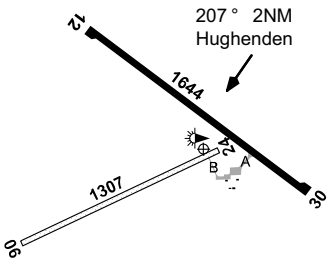
CHARTS RELATED TO THE AERODROME

1. WAC 3469.
2. Also refer to AIP Departure and Approach Procedures.

HUGHENDEN

ELEV 1043

AVFAX CODE 4317



QLD UTC +10 YHUG
204854S 1441331E VAR 7 DEG E CERT
AD OPR Flinders Shire Council, PO Box 274, Hughenden, QLD, 4821. Email: doe@flinders.qld.gov.au. PH 07 4741 2900. ARO 0427 411 821.

REMARKS

1. AD Charges: $11.50/tonne/landing for all ACFT. Flight training exercises to be paid for the first four landings per day, thereafter free of charge.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

IOR Aviation Pty Ltd: JET A1 and AVGAS 100LL H24 self-service bowser. Payment via IOR Aviation Tag for account holders or the Fuelcharge APP. TEL 1300 457 467.

AERODROME OBSTACLES

2 unlit masts 1367FT AMSL 212/2.8NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 07 3564 3719 - Report faults to BoM.
3. AWIS FREQ 122.375 (requires one-second pulse to activate) - Report faults to 0427 411 821.

PHYSICAL CHARACTERISTICS

06/24	059	43c	Unrated. Brown gravel	WID 18	RWS 60
12/30	121	54a	PCR 130/F/D/0.87 MPa/T	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 12/30 LIRL AFRU+PAL 126.7 SDBY PWR AVBL

1. RWY 12/30 edge light spacing: 60M.
2. Auto SDBY generator AVBL. Switchover time: 15 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 119.8 Circuit Area

RADIO NAVIGATION AND LANDING AIDS

NDB HUG 371 204914.2S 1441344.5E Range 110 (HN 70)

LOCAL TRAFFIC REGULATIONS

RWY 12/30 all ACFT ABV 5,700KG MTOW must use RWY turning nodes and MAX radius turns.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

1. Bird and animal hazard exists.
2. Caution: HEL operate scenic flights from AD direct to Porcupine Gorge and White Mountain National Parks (and direct between both). Flights operate SFC-3,500FT AMSL during daylight hours from April to October. For INFO CTC 0429 413 117.

CHARTS RELATED TO THE AERODROME

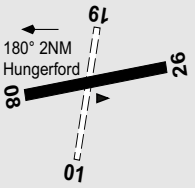
1. WAC 3234.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

HUNGERFORD

ELEV 600

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YHRD
285946S	1442711E	VAR 9 DEG E	UNCR

AD OPR Bulloo Shire Council, PO Box 46, Thargomindah, QLD, 4492. PH 07 4655 3133. Fax 4655 3131.

REMARKS

PPR. Contact Bulloo Shire Council (Hungerford) Phone/Fax 07 4655 4105 or Hungerford Police 07 4655 4088 and UHF CH 5.

AERODROME OBSTACLES

Powerline 300M N RWY 19 THR.

AERODROME AND APPROACH LIGHTING

PTBL - lights and flares AVBL for EMERG only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	124.8

FLIGHT PROCEDURES

Overfly town for pick up.

CTAF 126.7

ADDITIONAL INFORMATION

Animal hazard may exist.

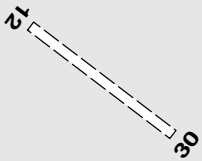
CHARTS RELATED TO THE AERODROME

WAC 3356.

IFFLEY

ELEV 140

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YIFY
185400S 1411300E VAR 6 DEG E UNCR
AD OPR M.D.H Pty Ltd, Iffley Station, via Mount Isa, QLD, 4825.
PH 07 4745 3434.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.6 3000FT

CTAF 126.7

ADDITIONAL INFORMATION

Possibility of feral animals on AD.

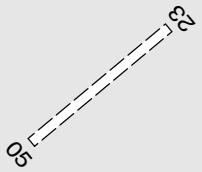
CHARTS RELATED TO THE AERODROME

WAC 3220.

ILFRACOMBE

ELEV 720

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YILF
232818S 1443203E VAR 7 DEG E UNCR
AD OPR Ilfracombe Shire Council, PO Box 1, Ilfracombe, QLD, 4727.
Council PH 07 4658 2233. Fax 4658 2598.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.1 Circuit Area

CTAF 126.7

CHARTS RELATED TO THE AERODROME

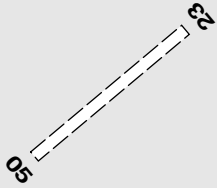
WAC 3234.

INGHAM

ELEV 49

AVFAX CODE 4410

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YIGM
183938S 1460906E VAR 7 DEG E UNCR
AD OPR Hinchinbrook Shire Council, PO Box 366, Ingham, QLD, 4850.
PH 07 4776 4600. ARO 0408 455 726.

REMARKS

AD Charges: All ACFT.

HANDLING SERVICES AND FACILITIES

Liddles Air Services Pty Ltd: AVGAS bowser and JET A1 drums. Prior notice required. TEL 07 4776 2030 or 0419 674 073.

PASSENGER FACILITIES

WC/ME/Telephone facilities not AVBL.

PHYSICAL CHARACTERISTICS

05/23 50a Unrated. Sealed. RWY LEN 1,530M. WID 30

AERODROME AND APPROACH LIGHTING

RWY 05/23 LIRL(1) PAL 120.05
(1) Pilot Actuated Airport Lighting Control (PAALC) system, requires three bursts within 5 SEC.
RWY 05/23 edge light spacing: 89M.

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	120.55 3000FT

CTAF 126.7

ADDITIONAL INFORMATION

1. Animal hazard exists.
2. Model ACFT operations: OPS are approved on weekends BTN 0900-1600 Local and restricted to BLW 400FT AGL and in an area 500M square to the NW of RWY 05/23. The operator will maintain a radio watch with all ACFT on the CTAF frequency and cease OPS during departing and inbound ACFT OPS.

CHARTS RELATED TO THE AERODROME

1. WAC 3219.
2. Also refer AIP Departure and Approach Procedures.

INJUNE

ELEV 1325

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YINJ
255100S	1483300E	VAR 9 DEG E	UNCR

AD OPR Maranoa Regional Council, PO Box 620, Roma, QLD, 4455.
Email: airport@maranoa.qld.gov.au. ARO 0407 730 531.
Council PH 1300 007 662. Fax 07 4624 6990. Website: www.maranoa.qld.gov.au.

REMARKS

1. PPR from AD OPR.
2. AD Charges - refer to website.

AERODROME AND APPROACH LIGHTING

Lighting - PAL 119.6

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	126.0 4000FT

LOCAL TRAFFIC REGULATIONS

Helicopter PRKG AVBL.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3340, 3341.

INKERMAN STATION

ELEV 20

FULL NOTAM SERVICE NOT AVBL

QLD		UTC +10	YIKM
161345S	1412602E	VAR 5 DEG E	UNCR

AD OPR Gulf Coast Agricultural Company Pty Ltd, PMB 8, Cairns MC, QLD, 4870.
Email: contact@gulfcoast.com.au. PH 07 4745 3463. Website: www.gulfcoast.com.au.

REMARKS

1. AD charges: All ACFT.
2. PPR.

HANDLING SERVICES AND FACILITIES

AVGAS.

AERODROME OBSTACLES

1. Unlit mast 83FT AMSL.
2. Telstra phone TWR near homestead.

PHYSICAL CHARACTERISTICS

RWY 11/29 1,300M. WID 18M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	118.6 4000FT

CTAF 126.7

ADDITIONAL INFORMATION

Wildlife and bird life in vicinity of strip.

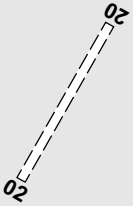
CHARTS RELATED TO THE AERODROME

WAC 3220.

INNAMINCKA

ELEV 178

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YINN

274200S 1404400E VAR 7 DEG E UNCR

AD OPR G&C Pastoral, Innamincka Station, Innamincka, SA, 5731. PH 08 8675 9903.

REMARKS

PPR.

PASSENGER FACILITIES

Telephone facilities not AVBL.

AERODROME OBSTACLES

Unpainted, unlit mast 430FT AMSL BRG 170 DEG MAG 3NM FM AD.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 119.5 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION

AD unfenced.

CHARTS RELATED TO THE AERODROME

WAC 3342.

INNAMINCKA TOWNSHIP

ELEV 260

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YIMT

274430S 1404442E VAR 7 DEG E UNCR

AD OPR Innamincka Progress Association, PMB 3, Innamincka, via Leigh Creek, SA, 5731. PH 08 8675 9901.

REMARKS

AD charges: $10/landing

HANDLING SERVICES AND FACILITIES

Fuel AVBL in drums. Phone Innamincka Trading Post, Phone 08 8675 9900.

PASSENGER FACILITIES

WC/PT - both within walking distance

AERODROME OBSTACLES

1. CAUTION: Telephone tower near town.
2. Mast 475FT AMSL BRG 207 DEG MAG 1,145M from SOT RWY 10.

PHYSICAL CHARACTERISTICS

10/28	32a	5700 kg Unrated. Spray seal. Turn pad east end 24M WID. RWY LEN 980M.	WID 15	RWS 45

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 119.5 Circuit Area

CTAF 126.7

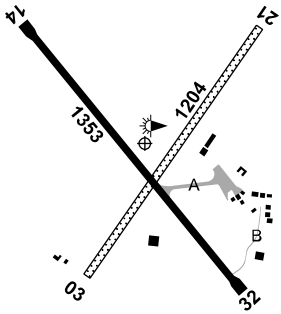
Information may be continued on the next page: PTO

ADDITIONAL INFORMATION
Livestock, bird and wildlife hazard.

CHARTS RELATED TO THE AERODROME
WAC 3342.

INNISFAIL/MUNDOO ELEV 46

AVFAX CODE 4523



QLD UTC +10 YIFL
173331S 1460042E VAR 7 DEG E CERT
AD OPR Cassowary Coast Regional Council, PO Box 887, Innisfail, QLD, 4860. ARO EMERG H24 0460 404 071.
Council PH 1300 763 903.

REMARKS
AD Charges: All ACFT

HANDLING SERVICES AND FACILITIES
Nil fuel AVBL.

AERODROME OBSTACLES
1. Two unlit radio masts 410FT AMSL BRG 036 DEG MAG 3.2NM FM ARP.
2. Trees 112FT AMSL BRG 290 DEG MAG 485M FM ARP. Infringes RWY 14/32 transitional SFC.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT D, METAR/SPECI.
2. AWIS FREQ 122.45 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

03/21	028	40c	Unrated. Grassed Red Silt Clay	WID 30	RWS 90
14/32	134	44a	PCR 64/F/B/0.60 MPa/U Sealed	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING
RWY 14/32 LIRL AFRU+PAL 132.9 SDBY PWR AVBL
RWY 14/32 edge light spacing: 60M.

OTHER LIGHTING
1. Secondary PWR switchover time: 15 SEC.
2. TWY A LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 124.6 Circuit Area

LOCAL TRAFFIC REGULATIONS
ACFT DEP for Cairns that have obtained a Landing Slot Time FM ATC will be processed more expeditiously.

FLIGHT PROCEDURES
All pilots (especially rotary wing) are requested to prevent their ACFT from operating BLW 500FT AGL affecting a noise-sensitive area located at 173014.4S 1460245.6E (Bearing 024 DEG MAG and 4NM from the AD). If operational RQMNTS dictate otherwise, PH property owner in advance on 0417 632 660.

CTAF - AFRU 132.9

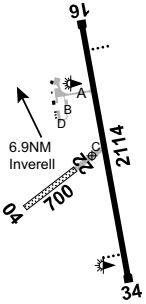
ADDITIONAL INFORMATION
1. Agricultural OPS take place WI 10NM up to 500FT AGL.
2. PJE OPS WI 5NM. Contact AD Operator for additional information.

CHARTS RELATED TO THE AERODROME
1. WAC 3219.
2. Also refer to AIP Departure and Approach Procedures.

INVERELL

ELEV 2669

AVFAX CODE 2049



NSW UTC +10 YIVL
295318S 1510839E VAR 11 DEG E CERT
AD OPR Inverell Shire Council, PO Box 138, Inverell, NSW, 2360.
PH 02 6728 8288. ARO 0428 477745. PH AH 0428 477 745.

REMARKS

AD Charges: Airline ACFT.

HANDLING SERVICES AND FACILITIES

AVGAS AVBL on northern apron (MAX weight limit 5,700KG) via Aero Refuellers swipe card, V and MC.

METEOROLOGICAL INFORMATION PROVIDED

1. AWIS PH 02 6723 1198 - report faults to AD OPR
2. AWIS FREQ 122.425 (requires one pulse to activate) - report faults to AD OPR.

PHYSICAL CHARACTERISTICS

04/22	039	23c	Unrated. Grassed granite soil	WID 18	RWS 60
16/34	159	69c	PCR 100/F/A/0.80 MPa/U Sealed	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 16/34	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL
RWY 16/34	PAPI	AFRU+PAL 126.7	3.0 DEG41FT	SDBY PWR AVBL

RWY edge light spacing: 16/34: 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge on TWY A.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 127.1 Circuit Area

RADIO NAVIGATION AND LANDING AIDS

NDB IVL 260 295304.9S 1510823.9E Range 40 (HN 40)

LOCAL TRAFFIC REGULATIONS

Due to RWY levels, ACFT may not be sighted on opposite ends of the RWY.

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3357.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

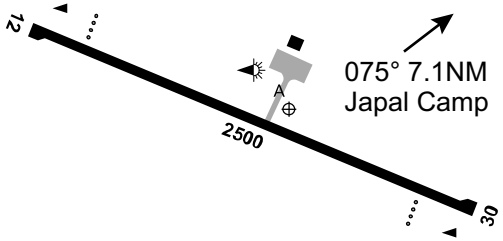
IRON BRIDGE MINE

ELEV 666

AVFAX CODE 6839

WA		UTC +8	YIBO
211712S	1185259E	VAR 1 DEG E	CERT

AD OPR IB Operations Pty Ltd, PO Box 6915, East Perth, WA, 6892.
Email: ironbridgeairport@fortescue.com. ARO H24 0437 015 125.



REMARKS

24HR PPR from AD OPR for all unscheduled ACFT OPS.

HANDLING SERVICES AND FACILITIES

AIR BP: JET A1. CTC AD MGR/ARO.
ACFT marshalling is provided for all ACFT ABV 5,700KG MTOW.

APRONS AND TAXIWAYS

APN and TWY suitable for Code 4C ACFT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS FREQ 122.575 (requires 3 one-second pulses to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

12/30 115 82a PCR 470/F/B/1.44 MPa/T Sealed WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 12/30	LIRL(2)	PAL+AA 120.2		SDBY PWR AVBL
RWY 12/30	PAPI(1)	PAL+AA 120.2	3.0 DEG53FT	SDBY PWR AVBL
RWY 12/30	PTBL(3)			BY PRIOR ARRANGEMENT

(1) Left side only.
(2) Standard PAL+AA activation outside scheduled movements.
(3) AVBL with 90MIN PN.
1. RWY edge LGT spacing: 59.5M.
2. Lateral spacing of RWY 36M WID.
3. Main PWR supplied by generator.
4. All lighting manually activated by ARO 30MIN prior to scheduled arrival and deactivated 15MIN after departure.

OTHER LIGHTING

1. SDBY PWR switchover time: 20 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	118.6
BASE	IRON BRIDGE BASE	132.525 (1)
UNICOM	IRON BRIDGE UNICOM	126.7

(1) All OPS: Advise AD OPR at least 20 MIN prior to ETA.

LOCAL TRAFFIC REGULATIONS

1. ACFT ABV 5,700KG MTOW must make MAX RAD turns at MNM speed at all turning pads to avoid surface damage.
2. Itinerant GA PRKG to the western side of the apron CTC AD Supervisor/ARO with 24HR prior notice.
3. Due jet blast clearances, jet ACFT must use breakaway thrust to move forward on the alignment line for 3M before turning onto the lead out line to taxi and reducing power to idle for the remainder of the turnout.
4. 2 PRKG position for ACFT up to Code 4C (B738 and A320). Iron Bridge UNICOM will advise APP to ACFT on receipt of inbound call on Company or CTAF.
5. Dual lead in lines on PRKG Bay 2. Lead in lines marked as 2 or 2A:
   a. ACFT to use lead in 2: A320, B712, B738, F100, GLEX, PC24, DH8A, DH8C.
   b. ACFT to use lead in 2A: A319.

CTAF - AFRU 126.7

1. AFRU located at YWGA. Not AVBL on ground.
2. FREQ confirmation by YIBO UNICOM on receipt of TAX DEP call "YIBO UNICOM confirm 126.7".

ADDITIONAL INFORMATION

1. Blasting occurs between 9.4NM and 17.5NM to the east of the ARP BTN 58 and 95 DEG MAG.
2. Dust plumes may occur following a blast with fly rock no greater than 400FT AGL- UNICOM will notify ACFT of any conflict on 126.7.
3. Caution: Wodgina (YWGA) AD 20NM to north west. YWGA PROCS ADJ to north west.
4. Caution: Steep sided open drains ADJ to movement area.

CHARTS RELATED TO THE AERODROME

1. WAC 3229.
2. Also refer to AIP Departure and Approach Procedures.

ISISFORD

ELEV 694

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YISF
241533S	1442527E	VAR 8 DEG E	UNCR

AD OPR Isisford Shire Council, PO Box 4, Isisford, QLD, 4731. PH 07 4658 8900. Fax 07 4658 8950.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.1 Circuit Area

CTAF 126.7

CHARTS RELATED TO THE AERODROME

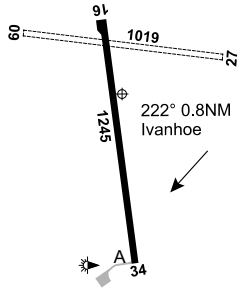
WAC 3341.

Information may be continued on the next page: PTO

IVANHOE

ELEV 332

AVFAX CODE 2208



NSW UTC +10 YIVO
325305S 1441842E VAR 10 DEG E CERT
AD OPR Central Darling Shire Council, PO Box 165, Wilcannia, NSW, 2836. Email: council@centraldarling.nsw.gov.au. PH 08 8083 8900.
ARO PRI 0458 668 981: SRY 0484 376 543. PH AH 0429 915 992.

PASSENGER FACILITIES

WC/AC PH 0429 135 647 or 0407 877 675.

AERODROME OBSTACLES

Lit antenna 624FT AMSL BRG 208 DEG MAG 2.6NM FM ARP. Infringes COS.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 02 9353 6428 - Report faults to BoM.
3. AWIS FREQ 133.7 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

09/27	088	33c	Unrated. Grass	WID 30	RWS 90
16/34	163	41a	PCR 100/F/B/0.60 MPa/U	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 16/34 LIRL PAL 126.7 SDBY PWR AVBL BY PRIOR ARRANGEMENT

1. SDBY PWR manual activation. 15MIN PN for MED flights only.
2. RWY edge light spacing: 90M.

OTHER LIGHTING

Blue TWY edge lights.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 124.9 3500FT

CTAF 126.7

ADDITIONAL INFORMATION

1. Bird and kangaroo hazards exist.
2. AD not suitable for gliding OPS.

CHARTS RELATED TO THE AERODROME

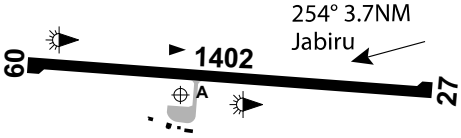
1. WAC 3457.
2. Also refer to AIP Departure and Approach Procedures.

JABIRU

ELEV 85

AVFAX CODE 8007

NT UTC +9:30 YJAB
123930S 1325335E VAR 3 DEG E CERT
AD OPR Energy Resources of Australia, Locked Bag 1, Jabiru, NT, 0886. PH 08 8938 1470.
ARO 0467 721 193 (H24).



REMARKS

1. AD charges - fees and charges may apply for all ACFT.
2. All persons excluding PAX operating or accessing airside must wear high VIS attire at all times.

HANDLING SERVICES AND FACILITIES

Viva Energy Aviation: Jetstream Electrical H24. PH 08 8984 3434.
Email: info@jetstreamelectrical.com. Swipe bowser AVGAS and JET A1. Viva Energy Fuel2Sky card, credit cards (V and MC). PIN required for all bank credit/debit cards.

AERODROME OBSTACLES

1. Unlit Obstacle - Mine stockpile 230FT AMSL, BRG 140DEG MAG/1800M FM THR RWY 27. Infringes inner HZS.
2. LIOL primary WDI 190M E of TWY. Infringes TNS by 2.16M.
3. LIOL secondary illuminated WDI 71.4M N of 09 THR. Infringes TNS by 2.5M.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS Phone 08 7922 2507 - Report faults to BoM.
3. AWIS FREQ 133.35 (press and hold for three seconds to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

09/27 092 46a PCR 75/F/A/0.87 MPa/U WID 23 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 09/27 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG only on 45 MIN PN.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 124.1 On Ground

LOCAL TRAFFIC REGULATIONS

1. PRKG including refuelling on sealed APN not AVBL 0600-0830 Local and 1600-1900 Local MON-FRI except for approved Air Transport OPS and other ACFT approved by ARO. At other times, PRKG on sealed APN AVBL for loading and unloading only with pilots in attendance. Itinerant PRKG AVBL E of TWY.
2. ACFT PRKG on the APN must park sequentially in PRKG Bays 1, 2, then 3.
3. ACFT with MTOW greater than 5,700KG must make 180DEG turns at the runway end turning nodes.
4. RWY gradients may inhibit visibility from all thresholds. Mandatory CTAF BCST RQ BFR OPR on RWY.
5. All ACFT are REQ to be secured if left unattended.
6. RWS 09/27 gable markers 80M.
7. All rotor ACFT external load OPS CTC AD OPR 7 days PN.

FLIGHT PROCEDURES

Right Hand circuits RQ when OPR on RWY 27.

CTAF - AFRU 126.7

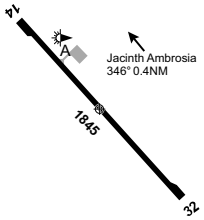
Information may be continued on the next page: PTO

ADDITIONAL INFORMATION
Bird hazard exists. Species-specific NOTAM will be raised during periods of increased activity.

CHARTS RELATED TO THE AERODROME
1. WAC 3109.
2. Also refer to AIP Departure and Approach Procedures.

JACINTH AMBROSIA — ELEV 419

AVFAX CODE 5312



SA UTC +9:30 YJAC
305404S 1321101E VAR 5 DEG E CERT
AD OPR Iluka Resources Limited, 11 Dequetteville Terrace, Kent Town, SA, 5067. PH 08 8670 2800 (Site Office). ARO 0408 572 670. AH Control Room Shift Coordinator 0417 499 457.

REMARKS
Restricted OPS. PPR FM AD MGR.

AERODROME OBSTACLES
1. Lit Tower 636FT, 087DEG MAG/1.6NM from ARP 68FT ABV HZS.
2. Stockpile 632FT, 105DEG MAG/1.5NM from ARP.

PHYSICAL CHARACTERISTICS
14/32 135 61a PCR 62/F/B/0.85 MPa/U WID 30 RWS 90

AERODROME AND APPROACH LIGHTING
RWY 14/32 PTBL(1) BY PRIOR ARRANGEMENT
(1) Flares. EMERG only. 60MIN PN.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 123.5 5000FT (ARR/DEP SOUTHEAST)
FIA MELBOURNE CENTRE 132.7 3000FT (ARR/DEP NORTHWEST)

FLIGHT PROCEDURES
Right hand CCTS required when OPR RWY 14.

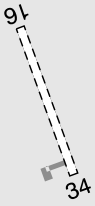
CTAF 126.7

ADDITIONAL INFORMATION
Animal hazard exists.

CHARTS RELATED TO THE AERODROME
WAC 3354.

JAMESTOWN — ELEV 1550

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YJST
331132S 1383657E VAR 8 DEG E UNCR
AD OPR Northern Areas Council, PO Box 120, Jamestown, SA, 5491. PH 08 8664 1139.

HANDLING SERVICES AND FACILITIES
AVGAS AVBL Phone: 0427 810 940; 0417 863 450; 08 8664 1838.

PASSENGER FACILITIES
WC/TX (0429 640 000)

AERODROME OBSTACLES
1. Hill top power lines to the E.
2. Wind turbines 3.3NM to the N and NW.

AERODROME AND APPROACH LIGHTING
PAL 120.65.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	123.9 Circuit Area

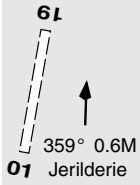
CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3458, 3459.

JERILDERIE

ELEV 360

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YJER
352212S 1454330E VAR 11 DEG E UNCR
AD OPR Jerilderie Shire Council, P.O. Box 96, Jerilderie, NSW, 2716.
PH 03 5886 1200.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	118.6 Circuit Area

CTAF 126.7

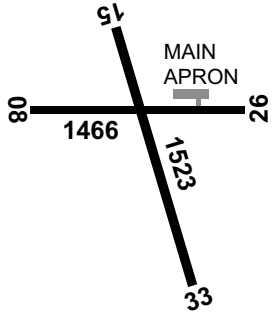
ADDITIONAL INFORMATION
Agricultural OPS in area.

CHARTS RELATED TO THE AERODROME
WAC 3457.

JERVIS BAY

ELEV 205

AVFAX CODE 2104



NSW UTC +10 YJBY
350851S 1504155E VAR 13 DEG E MIL
AD OPR NAVY, Naval Air Station Nowra, NSW, 2540.
Email: albatross.airoperations@defence.gov.au.
PH MON-FRI: Airfield Coordination Centre 02 4449 2161.
PH AH Duty Officer 0411 127 367.

REMARKS

1. **MIL OPS only. AD not open for public use.**
2. MIL ACFT requesting circuit/landing 24HR PN. AVBL 2130-0630 UTC MON-THU; 2130-0230 UTC FRI; PH excluded (1HR earlier during HDS). Phone Airfield Coordination Centre.
3. Due to proximity of Navy restricted areas, NWX and TSX should be included when checking NOTAM.
4. RWY 15/33 not AVBL to fixed wing ACFT HN due vegetation infringing RWS and RESA.

SURFACE MOVEMENT GUIDANCE
APN taxi guidelines for fixed wing ACFT not AVBL.

AERODROME OBSTACLES

1. WDI located WI RWS BRG 303 DEG MAG 20M FM ARP.
2. All RWS, RESA and transitional approach and departure layers infringed by dense vegetation.
3. Lit disused control TWR 70FT AGL BRG 347 DEG MAG 272M FM ARP.

Information may be continued on the next page: PTO

4. Unlit antenna 35FT AGL BRG 332 DEG MAG 526M FM ARP.
5. ACFT height greater than 9.5M parked on main APN may infringe RWY 08/26 OLS TNS.
6. Skyhook recovery system 60FT AGL PSN 350835.0S 1504149.0E. Infringes RWY 15/33 OLS by 5.5M. DLY 2200-0800 UTC.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS Phone 02 9353 6429 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

08/26	082	48a	PCR 250/F/D/0.90 MPa/T	WID 30	RWS 90
15/33	151	50a	PCR 250/F/D/0.90 MPa/T	WID 30	RWS 90

1. Water hazard exists on RWY SFC AFT heavy rain.
2. Graded area south of RWY 15/33 intersection SFC uneven due erosion lateral slope on all RWY shoulders greater than standard (drop up to 90MM).
3. Both RWY include 7.5M WID paved shoulders.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE		121.2 2000FT
ACC	NOWRA CENTRE	(1)	132.3 325.8
ACD	NOWRA DELIVERY	(1)	128.35
APP	NOWRA APPROACH	(1)	118.35 (2) 123.5 (3) 352.15

(1) Nowra ATS hours notified by R421A/B NOTAM (refer NWX). Outside Nowra ATS hours CTAF procedures apply. Nowra ATS may be ACT at short notice, check YSNW ATIS for status.
(2) PRI FREQ for OPS WI Jervis Bay and at Jervis Bay AD.
(3) Nowra Approach SEC FREQ.
Listening watch not AVBL.

LOCAL TRAFFIC REGULATIONS

1. Start clearance not RQ unless specified by NOTAM. When specified by NOTAM, start clearance RQMNTS shall apply to all ACFT WI 5NM of AD due PJE OPS.
2. AMS service FREQ 121.625 (CS 'JB OPS') ACFT shall CTC for parking, ground handling and airfield hazards.
3. ACFT movements confined to RWY and APN only.
4. All fixed wing ACFT must make MAX RAD turns at MNM speed at RWY ends to avoid SFC damage. ACFT are to follow yellow nose wheel guidance lines.
5. 180 DEG turns to be made at RWY ends only.
6. All fixed wing ACFT to use idle PWR for movements on the APN with the exception of breakaway thrust to initiate taxi.

FLIGHT PROCEDURES

1. All flights require clearance from Nowra Approach FREQ 118.35 when R421A ACT unless M440B also ACT to SFC. AUTH OPS WI M440 not SUBJ ATS from Nowra ATC.
2. The YJBY Circuit Area (CIRA) is defined as a 2NM RAD centred on the YJBY ARP remaining over land, SFC to 1,500FT AMSL.
3. YJBY CTAF FREQ 118.85 is not to be used during Nowra ATS HR, as it is coincident with Nowra TWR FREQ. When R421A is ACT, broadcast intentions instead on JB OPS FREQ 121.625 for OPS on the RWY or WI the YJBY CIRA.
4. When R421 is not ACT, all ACFT OPR CTAF FREQ 118.85.

5. REMOTELY PILOTED AIRCRAFT SYSTEMS (RPAS)

5.1. RPAS requests and enquiries are to be sent to nowra.rpas@defence.gov.au with at least 10 business days PN. RPAS approval is subject to all MIL OPS and status of active restricted/military operating areas may have additional restrictions imposed, or be cancelled at short notice.
5.2. Visiting MIL RPAS requests and enquiries are to be sent to: albatross.airoperations@defence.gov.au with at least 10 business days PN.
5.3. Resident MIL RPAS (up to 400KG) OPS H24 within active restricted areas. Manned ACFT OPS may be affected when RPAS airborne. CTC Nowra ACC 02 4449 2161 for additional information.

CTAF - AFRU 118.85
Coincident with Nowra CTAF-AFRU 118.85.
Use ALTN FREQ 121.625 instead during Nowra ATS HR.

NOISE ABATEMENT PROCEDURES
1. HEL circuit OPS to RWY 15/33 should be conducted to the west of RWY 15/33.
2. HEL circuit OPS to RWY 08/26 should be conducted to the south of RWY 08/26.
3. Avoid overflight of Wreck Bay, Jervis Bay Village and HMAS Creswell.

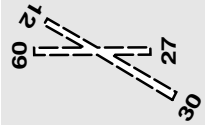
ADDITIONAL INFORMATION
1. PJE OPS HO.
2. Significant animal hazard exists on airfield. Recommend join crosswind and overfly to assess and minimise animal hazard on RWY.
3. All ACFT OPR in M440, M441 and M444 when ACT are not SUBJ to an ATS FM Nowra ATC.
4. AD within R421A and M440 when active.

CHARTS RELATED TO THE AERODROME
1. WAC 3456.
2. MIL Aerodrome Obstruction Chart Type A: NOV 2024

JINDABYNE

ELEV 3400

FULL NOTAM SERVICE NOT AVBL



NSW		UTC +10	YJIN
362536S	1483606E	VAR 13 DEG E	UNCR

AD OPR Jindabyne Aero Club, PO Box 60, Jindabyne, NSW, 2627.
PH 0428 240 192: 0408 613 691. Fax 02 6456 5143.
Website: www.jindabyneaeroclub.org.au.

REMARKS
1. PPR from AD OPR or 0467 783 011.
2. Landing fees: Ultra light $5.50/landing, GA up to 2 tonne: $8/tonne, $8 MNM, over 2 tonne: $22/tonne MTOW; overnight PRKG $10/ACFT. For latest INFO refer to the website.

HANDLING SERVICES AND FACILITIES
Skyfuel: AVGAS, H24 self-service bowsers accepts MC, V and Skyfuel Carnet card.
Phone 0418 862 100 or 0417 780 280. Refer to www.skyfuel.com.au for site information and orientation.

PHYSICAL CHARACTERISTICS

09/27	25c	Unrated. Grass. RWY LEN 750M.	WID 20	RWS 30
12/30	28c	Unrated. Gravel. RWY LEN 850M.	WID 10	RWS 30

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	120.75 Circuit Area

LOCAL TRAFFIC REGULATIONS
All visiting HEL to park on N side RWY 30.

FLIGHT PROCEDURES
Right hand CCTS RWY 27 and 30.

CTAF 126.7

ADDITIONAL INFORMATION
1. Animal hazard exists.
2. Caution: High ground to W.
3. Caution: TWR southern side of the airfield.
4. Severe TURB in W wind conditions.
5. Grass and gravel RWY unrated, soft when wet PPR.

CHARTS RELATED TO THE AERODROME
WAC 3470.

Information may be continued on the next page: PTO

JULIA CREEK

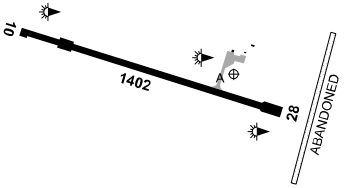
ELEV 404

AVFAX CODE 4305

QLD UTC +10 YJLC

204006S 1414321E VAR 6 DEG E CERT

AD OPR McKinlay Shire Council, PO Box 177, Julia Creek, QLD, 4823.
Email: reception@mckinlay.qld.gov.au. PH 07 4746 7166: 07 4746 4224. ARO 0428 757 273.



REMARKS

1. This AD is a Security Controlled Airport.
2. AD charges (billed through AVDATA):
   a. ACFT BLW 5,700KG - $10 (including GST) per tonne/per landing.
   b. ACFT ABV 5,700KG - $15 (including GST) per tonne/per landing.

HANDLING SERVICES AND FACILITIES

JET A1 and AVGAS: H24. Access to the tank is via debit or credit card, or the Woodham Petroleum RFID tag. CTC ARO.

AERODROME OBSTACLES

1. Lit masts:
   a. 630FT AMSL BRG 038 MAG 1.4NM FM ARP. Infringes inner HZS.
   b. 1,066FT AMSL BRG 074 MAG 5.63NM FM ARP.
   c. 935FT AMSL PSN 204259.54S 1415114.05E.
2. Unlit mast 475FT AMSL BRG 021 MAG 413M FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 07 3564 3796 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

10/28 101 46a PCR 85/F/D/0.85 MPa/U Sealed WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 10/28 LIRL AFRU+PAL 126.7 SDBY PWR AVBL

1. RWY edge light spacing: 10/28: 60M.
2. AUTO backup generator activates WI 45 SEC.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 123.95 Circuit Area

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Bird hazard (kite hawks) exist. Daylight HR concentrated around TWY and RWY INT.

CHARTS RELATED TO THE AERODROME

1. WAC 3233.
2. Also refer to AIP Departure and Approach Procedures.

JUNDAH

ELEV 476

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YJDA
244953S 1430356E VAR 7 DEG E UNCR
AD OPR Barcoo Shire Council, 6 Perkins Street, Jundah, QLD, 4736.
ARO 0459 885 797. Council PH 07 4658 6900.

PHYSICAL CHARACTERISTICS

01/19 45a Unrated. Sealed. RWY LEN 1,360M. WID 18

AERODROME AND APPROACH LIGHTING

RWY 01/19 LIRL PAL+AA 119.6

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.1 7500FT

CTAF 126.7

CHARTS RELATED TO THE AERODROME

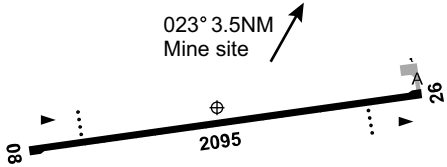
WAC 3342.

JUNDEE

ELEV 1845

AVFAX CODE 6611

WA UTC +8 YJUN
262516S 1203439E VAR 1 DEG E CERT
AD OPR Northern Star Resources Ltd - Jundee Operation, Level 1, 388 Hay Street, Subiaco, WA, 6008. Email: paige.verheyden@amsaustralia.com. PH 0477 904 102. ARO 0439 390 313 (H24).



REMARKS

1. Restricted OPS: PPR from AD OPR.
2. All OPS: Advise AD OPR at least 15 MIN prior to ETA on 126.4 MHz, CS ‘Jundee Base’.
3. HJ OPS only.

HANDLING SERVICES AND FACILITIES

JET A1 private installation. Contact aerodrome manager.

AERODROME OBSTACLES

1. Mine site BRG 023 DEG MAG 3.5NM.
2. Wind turbines 755FT AGL, lit:
   a. BRG 349 DEG MAG 3.74NM FM ARP.
   b. BRG 348 DEG MAG 3.37NM FM ARP.
   c. BRG 033 DEG MAG 4.80NM FM ARP.
   d. BRG 036 DEG MAG 4.44NM FM ARP.

PHYSICAL CHARACTERISTICS

08/26 082 69a PCR 290/F/A/Y/T Sealed. WID 30 RWS 150

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING

RWY 08/26	PAPI(2)	3.0 DEG52FT	BY PRIOR ARRANGEMENT
RWY 08/26	PTBL(1)		BY PRIOR ARRANGEMENT

(1) EMERG only. 2HR PN.
(2) Left Side. Manually activated 2HR PN. PAPI intensity manually controlled by AD Reporting Officer (ARO).

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	118.95 4000FT

LOCAL TRAFFIC REGULATIONS

RWY 08/26: All fixed-wing ACFT must make MAX RAD turns at MNM speed at all RWY ends to avoid SFC damage.

FLIGHT PROCEDURES

No overflying mine to NE below 3,000FT.

CTAF - AFRU 127.2

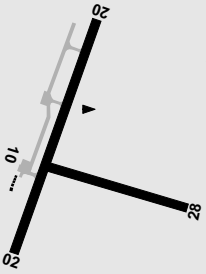
CHARTS RELATED TO THE AERODROME

1. WAC 3345.
2. Also refer to AIP Departure and Approach Procedures.

JURIEN BAY

ELEV 50

FULL NOTAM SERVICE NOT AVBL



WA		UTC +8	YJUR
301812S	1150319E	VAR 2 DEG W	UNCR

AD OPR Dandaragan Shire Council, PO Box 676, Jurien Bay, WA, 6516.
Email: council@dandaragan.wa.gov.au. PH 08 9652 0800.
Mobile 0499 765 311. Fax 9652 1310.

AERODROME OBSTACLES

Unlit light poles:

1. 82FT AMSL, PSN 301805.9S 1150255.0E.
2. 81.6FT AMSL, PSN 301805.3S 1150259.1E.
3. 82.9FT AMSL, PSN 301809.4S 1150255.5E.
4. 81.4FT AMSL, PSN 301808.7S 1150259.9E.

PHYSICAL CHARACTERISTICS

02/20	40a	5700 kg/0.70 MPa Sealed. RWY LEN 1,210M.
10/28	31a	5700 kg/0.70 MPa Sealed. RWY LEN 935M.

AERODROME AND APPROACH LIGHTING

PAL+AA 119.6 - not checked by CASA.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	121.2 2000FT

FLIGHT PROCEDURES

Transiting ACFT to check ML CEN 121.2 or CTAF status on parachuting OPS.

CTAF 126.7

ADDITIONAL INFORMATION

1. Intense PJE OPS WI 5NM 7 days/week to FL150.
2. Parachuting ACFT will broadcast on YJUR CTAF 126.7 and ML CEN 121.2.

CHARTS RELATED TO THE AERODROME

WAC 3351.

KADINA

ELEV 138

AVFAX CODE 5018

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YKDI
335812S 1373936E VAR 8 DEG E UNCR
AD OPR Copper Coast Council, 51 Taylor Street, Kadina, SA, 5554.
PH 08 8828 1200.

HANDLING SERVICES AND FACILITIES

Flying Fuels: AVGAS 100LL AVBL 24HR, all itinerant customers welcome.
PH: 0412 602 447.

PASSENGER FACILITIES

WC/LG/RF/TX 08 8821 3444 - 24HR.

METEOROLOGICAL INFORMATION PROVIDED

METAR/SPECI.

PHYSICAL CHARACTERISTICS

05/23 39a Unrated. Gravel. Central 18M sealed. RWY LEN 1,200M WID 30 RWS 90
RWY bearing: 054.

AERODROME AND APPROACH LIGHTING

RWY 05/23 LIRL PAL 120.55 SDBY PWR AVBL
RWY edge light spacing: 05/23: 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: 1 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 118.95 Circuit Area

LOCAL TRAFFIC REGULATIONS

ACFT tie-down and parking near windsock.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

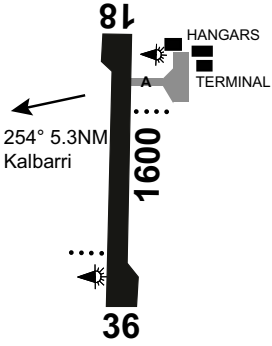
WAC 3459.

KALBARRI

ELEV 515

AVFAX CODE 6012

WA UTC +8 YKBR
274131S 1141534E VAR 1 DEG W CERT
AD OPR Shire of Northampton, PO Box 61, Northampton, WA, 6535.
Email: andrew.campbell@northampton.wa.gov.au. ARO 0429 341 203: 0427 341 078: 0458 341 200. Council PH 08 9934 1202.



REMARKS

AD Charges: $20/landing.

Information may be continued on the next page: PTO

PASSENGER FACILITIES
Phone coverage AVBL, WC.

AERODROME OBSTACLES
1. Terrain infringement 230DEG M/3,200M FM ARP ELEV 659.4FT.
2. OLS infringement - Terrain and lit mast, 254DEG M/4,000M FM ARP ELEV 856.5FT.

PHYSICAL CHARACTERISTICS

18/36	181	52a	PCR 130/F/A/Y/T Sealed	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 18/36	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL
RWY 18/36	PAPI(1)	AFRU+PAL 126.7	3.0 DEG42FT	

(1) Left side.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	121.2 Circuit Area

FLIGHT PROCEDURES
See ERSA GEN SPECIAL PROCEDURES “FN11: Kalbarri National Park - Fly Neighbourly Advice” for guidance on sightseeing flights.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION
1. All electrical power is by onsite generator, 10 second switchover.
2. Animal hazard (kangaroos) WI AD VCY.

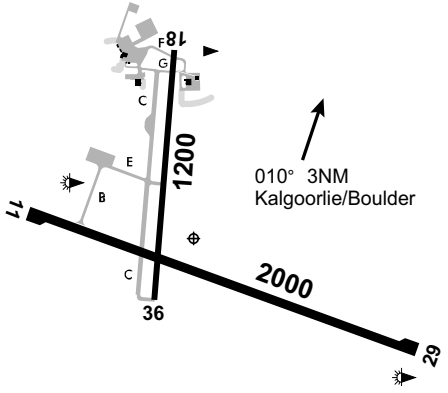
CHARTS RELATED TO THE AERODROME
WAC 3346.

KALGOORLIE-BOULDER **ELEV 1203**

AVFAX CODE 6101

WA		UTC +8	YPKG
304722S	1212742E	VAR 1 DEG E	CERT

AD OPR City of Kalgoorlie-Boulder (CKB), PO Box 2042, Boulder, WA, 6432.
Email: airport.operations@ckb.wa.gov.au. ARO H24 0417 909 506.
Website: www.airport.ckb.wa.gov.au.



REMARKS

1. AD Charges: All ACFT. Refer to website for information on landing and passenger fees.
2. All non-RPT, except diversions, requiring parking on the RPT APN or GA East require 24HR PN to the AD OPR.
3. This is a security controlled airport. Security requirements:
   a. ASIC to be worn and clearly displayed when airside.
   b. Security screening is required for all passengers departing from the main terminal within the period of RPT operations – 90 MIN prior to ARR and 30 MIN after DEP.
   c. Airside security gate codes AVBL from Duty ARO or airport offices. AH access may incur call-out fees.
4. Main terminal open 2200-1100 UTC, hours may vary particularly on weekends. GA terminal adjacent to main terminal open H24.

HANDLING SERVICES AND FACILITIES

AIR BP/MOBIL: 2300-1100 UTC DLY. AH 30 MIN PN, call-out fees apply. Phone 0409 194 840. JET A1 and AVGAS. H24 AVGAS card bowser.
VIVA Energy: JET A-1 and F34 Truck refuelling, 2200-1000 UTC daily. AH 30 MIN PN. Call-out fees apply, Phone 0459 782 714. Fuel 2 Sky Carnet, V and MC.

PASSENGER FACILITIES

WC located within terminal, GA terminal and airside adjacent to AVGAS bowser.

APRONS AND TAXIWAYS

1. All surfaces asphalt.
2. TWY B unrated WID 18M.
3. All other TWY WID 10.5M. Not AVBL to ACFT ABV 5,700KG.
4. Main RPT APN unrated.
5. GA North not AVBL to ACFT ABV 5,700KG.
6. GA East not AVBL to ACFT above 5,700KG except when utilising Bay 6 via designated lead in and lead out lines.
7. GA APN tie-downs rated to MAX 1,000KG.

AERODROME OBSTACLES

1. COM TWR 1,606FT AMSL BRG 255 DEG MAG 2.9NM FM ARP. Infringes outer horizontal SFC by 58FT. Lit by medium intensity beacon.
2. Infringing OLS:
   a. Towers:
      (i) 1,357FT AMSL BRG 283 MAG 1.96NM FM ARP. Lit red mid and top hazard beacon.
      (ii) On stockpile 1,345FT AMSL BRG 096 MAG 2.35NM FM ARP. Lit with white strobe.
      (iii) On stockpile 1,536FT AMSL BRG 072 MAG 3.0NM FM ARP. Lit red hazard beacon infringes inner HZS.
   b. Power poles:
      (i) 1,365FT AMSL BRG 282 MAG 2.51NM FM ARP. Unlit.
      (ii) 1,353FT AMSL BRG 281 MAG 2.33NM FM ARP. Unlit.
3. Multiple lit stockpiles 1,907FT AMSL BTN BRG 080 - 101 DEG MAG, 2.32 - 4.00NM FM ARP. Infringes conical SFC by up to 263FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI.
2. AWIS Phone 08 6216 2619 - Report faults to BoM.
3. AWIS FREQ 126.25 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

11/29	110	66a	PCR 400/F/A/X/T	WID 45	RWS 300
18/36	185	39a	PCR 80/F/A/1.00 MPa/T	WID 18	RWS 90

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING

RWY 11/29	LIRL	AFRU+PAL 126.6		SDBY PWR AVBL
RWY 11/29	PAPI(1)	AFRU+PAL 126.6	3.0 DEG48FT	SDBY PWR AVBL
RWY 18/36	LIRL	AFRU+PAL 126.6		SDBY PWR AVBL

(1) Left side.

1. RWY edge light spacing: 11/29: 60M; 18/36: 60M.
2. PAL 10 MIN warning light NW of RWY intersection and primary IWI.
3. PAL will activate RWY lights and PAPI during night time hours only. PAL will activate PAPI only during hours of daylight.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.75 On ground
UNICOM	AIR BP	126.6

RADIO NAVIGATION AND LANDING AIDS

DME	KG	114.1/ 88X	304723.4S	1212710.6E			(2)
NDB	KG	287	304743.1S	1212748.1E	Range	140 (HN 80)	(3)
VOR	KG	114.1	304723.4S	1212710.0E			(1)

(1) Monitored by ML.
(2) Antenna ELEV 1228FT - Monitored by ML.
(3) Monitored by ML - 346/0.4 to ARP.

LOCAL TRAFFIC REGULATIONS

1. All Code C ACFT and ABV must use turning nodes on RWY 11/29 when executing 180 DEG turns.
2. ACFT using RWY 18 for TKOF may be unable to see ACFT on crossing RWY. ACFT are to BCST intentions before entering RWY 18.
3. ACFT taxiing from Bays 1, 2, 3 and 3A REQ to use MNM thrust when departing to reduce jet blast.
4. Ground running of turboprop ACFT on the RPT APN is to be avoided to avoid noise in the Passenger Terminal.
5. GA parking marked by green lines is private parking only. Non-approved ACFT parking in these areas may be removed at the owner's expense.

CTAF - AFRU 126.6

NOISE ABATEMENT PROCEDURES

1. Flight over residential areas should be minimised particularly at night.
2. Ground running of turboprop ACFT on the RPT APN is to be avoided to avoid noise in the passenger terminal

ADDITIONAL INFORMATION

1. Bird hazard exists, pink and grey galahs and Australian ravens year round.
2. Hang gliding OPS NE of Kalgoorlie-Boulder at Lake Perkolilli, Kunalpi - 303422.85S 1214251.40E.
3. Weather balloon launch APRX 2315 UTC FM 950M WNW of ARP. Launches may occur at other times.

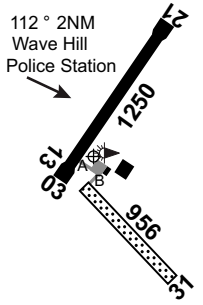
CHARTS RELATED TO THE AERODROME

1. WAC 3352.
2. Aerodrome Obstacle Chart Type A: RWY 11/29, January 2020.
3. Also refer to AIP Departure and Approach Procedures.

KALKGURUNG

ELEV 652

AVFAX CODE 8404



NT UTC +9:30 YKKG
172555S 1304829E VAR 3 DEG E CERT
AD OPR Victoria Daly Regional Council, PO Box 19, Katherine, NT, 0851.
Email: operations@vicdaly.nt.gov.au. PH BH 08 8974 5801.
ARO AH 0428 035 444. PH AH EMERG (Police) 08 8975 0790.

REMARKS

AD Charges - All ACFT - $20.

PASSENGER FACILITIES

WC/Telstra mobile phone reception AVBL.

AERODROME OBSTACLES

Unlit/unmarked Telstra tower APRX 110.5DEG MAG/1.3NM FM ARP, 813FT. Infringes OLS by APRX 11.6M (38FT).

PHYSICAL CHARACTERISTICS

03/21	031	41a	Unrated. Sealed	WID 18	RWS 90
13/31	132	31c	Unrated. Gravel	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 03/21 solar LGT. AVBL EMERG, MEDEVAC and Police ACFT only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 123.7 4000FT

LOCAL TRAFFIC REGULATIONS

All ACFT to make MAX radius MNM speed turns at RWY turning nodes only.

CTAF 126.7

ADDITIONAL INFORMATION

Bird and animal hazard exists.

CHARTS RELATED TO THE AERODROME

1. WAC 3222.
2. Also refer AIP Departure and Approach Procedures.

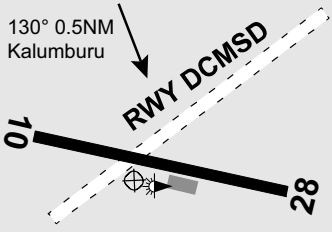
KALUMBURU

ELEV 95

AVFAX CODE 6909

FULL NOTAM SERVICE NOT AVBL

WA UTC +8 YKAL
141717S 1263752E VAR 2 DEG E UNCR
AD OPR Kalumburu Mission, PMB 293 Wyndham, WA, 6740. PH 08 9161 4333.



REMARKS

1. PPR Superintendent, Kalumburu Mission.
2. Landing charges apply.

HANDLING SERVICES AND FACILITIES

AVGAS AVBL 24HR PN.

PASSENGER FACILITIES

Telephone facilities not AVBL.

Information may be continued on the next page: PTO

METEOROLOGICAL INFORMATION PROVIDED
METAR/SPECI.

PHYSICAL CHARACTERISTICS
10/28 37a Unrated. Sealed. WID 18 RWS 90

AERODROME AND APPROACH LIGHTING
RWY 10/28 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG only - 4HR PN - Phone 08 9161 4333 during BH. AH phone 08 9161 4064 or 08 9161 4342.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 120.75 6000FT

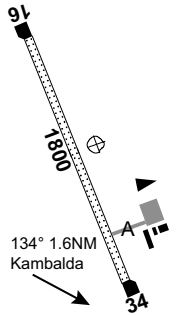
CTAF 128.0

ADDITIONAL INFORMATION
Possibility of stock on movement area.

CHARTS RELATED TO THE AERODROME
WAC 3108.

KAMBALDA — ELEV 1059

AVFAX CODE 6118



WA UTC +8 YKBL
311126S 1213554E VAR 1 DEG E CERT
AD OPR Shire of Coolgardie, Irish Mulga Drive, Kambalda, WA, 6442.
Email: mail@coolgardie.wa.gov.au. PH AD MGR 08 9080 2111.
ARO 0447 129 801 (H24).

REMARKS
1. PPR from AD OPR.
2. AD charges: all ACFT.
3. AD AVBL HJ only.
4. Parking by prior arrangement with ARO.

HANDLING SERVICES AND FACILITIES
Nil fuel AVBL.
Marshalling, parking allocation and ground handling services by prior arrangement with AD OPR.
CTC ground handling on FREQ 130.15, CS 'Kambalda Base'.

AERODROME OBSTACLES
1. Terrain 1,295FT, between 280 DEG MAG and 320 DEG MAG, 4,580M FM ARP.
2. Fence 6FT AGL APRX 60M W of RWY CL. Infringes transitional surface by 2FT.

PHYSICAL CHARACTERISTICS
16/34 163 59a/c PCR 150/F/B/Y/T Gravel. Sealed 65M from both ends. WID 30 RWS 90

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 125.75 Above 10000FT

LOCAL TRAFFIC REGULATIONS
1. All ACFT ABV 5,700KG must turn at turning nodes.
2. Idle power must be used by all ACFT on the APN except when increasing to breakaway thrust.

CTAF - AFRU 126.6
AFRU located at YPKG. Not AVBL on ground.

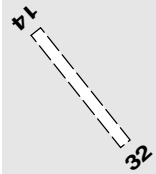
ADDITIONAL INFORMATION
Parachute activity in vicinity of AD JF.

CHARTS RELATED TO THE AERODROME
WAC 3352.

KAMILEROI

ELEV 300

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YKML
192229S 1400322E VAR 5 DEG E UNCR
AD OPR Stanbroke Pastoral Company, PMB 33, Cloncurry, QLD, 4825.
PH 07 4742 5977.

PHYSICAL CHARACTERISTICS

14/32 52c Unrated. Gravel. RWY LEN 1,600M. WID 8

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.4 4500FT

CTAF 126.7

ADDITIONAL INFORMATION

Possibility of feral animals on AD.

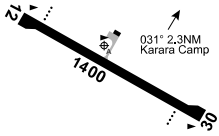
CHARTS RELATED TO THE AERODROME

WAC 3220.

KARARA

ELEV 1019

AVFAX CODE 6013



WA UTC +8 YKAR
291258S 1164112E VAR 1 DEG W CERT
AD OPR Karara Mining Ltd, Level 2, 216 St Georges Tce, Perth, WA, 6000.
Email: aro@kararamining.com.au. PH 08 6298 1888. ARO 0438 926 212:
MESO 0488 078 025.

REMARKS

Restricted OPS. PPR from AD OPR.

AERODROME OBSTACLES

1. Numerous OBST penetrate inner HZS and conical SFC.
   a. Terrain - LCA BTN 085 DEG MAG and 095 DEG MAG 4,037M to 4,907M FM ARP 1,198FT.
   b. Terrain - LCA BTN 098 DEG MAG and 115 DEG MAG 4,846M to 5,420M FM ARP 1,198FT.
   c. Power poles BTN 319 DEG MAG and 008 DEG MAG 1.6NM FM ARP, up to 100FT.
2. Lit mast - LCA 024 DEG MAG 4,223M FM ARP 1,312 FT AMSL.
3. Perimeter fence unmarked and unlit, north side of entire length of RWY 12/30 and south of SOT RWY 30, 82M FM RWY 12/30 CL. Infringes transitional SFC by 4FT.

PHYSICAL CHARACTERISTICS

12/30 117 46a PCR 130/F/A/Y/T Sealed WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 12/30 PAPI(2) AFRU+PAL 126.9 3.0 DEG41.5FT
RWY 12/30 PTBL(1) BY PRIOR ARRANGEMENT

(1) EMERG only. 2HR PN.
(2) Left side only.
1. PAPI power supplied by generators.
2. Allow 15 seconds for generators to start up and positive confirmation of AD LGT activation communicated through CTAF.
3. PAPI intensity HN manually controlled by ARO via CTAF 126.9.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 124.8 Circuit area
UNICOM KARARA UNICOM 126.9 (1)

(1) Operating when ARO in attendance.

Information may be continued on the next page: PTO

LOCAL TRAFFIC REGULATIONS
All ACFT ABV 5,700KG MTOW to make MAX RAD, MNM speed turns at turning nodes only.

CTAF - AFRU 126.9

ADDITIONAL INFORMATION
Caution: intermittent blasting and associated potential fly-rock at Karara mine site located approximately 5-8NM ENE of ARP.

CHARTS RELATED TO THE AERODROME
1. WAC 3351.
2. Also refer AIP Departure and Approach Procedures.

KARLAWINDA MINE — ELEV 1928

AVFAX CODE 6840



WA UTC +8 YKWA
234652S 1200806E VAR 1 DEG E CERT
AD OPR Greenmount Resources Pty Ltd, Level 1, 28 Ord Street, West Perth, WA, 6005. Email: nmitchell@capmet.com.au. PH 08 9212 4600: AD MGR 0437 830 900 (H24). Fax 08 9212 4699. Website: www.capmetals.com.au.

REMARKS
1. PPR.
2. AD AVBL HJ only.

HANDLING SERVICES AND FACILITIES
Marshalling, parking allocation and ground handling services by prior arrangement with AD MGR.

PHYSICAL CHARACTERISTICS
01/19 007 66a PCR 210/F/A/Y/T WID 30 RWS 280

AERODROME AND APPROACH LIGHTING
RWY 01/19 PAPI(2) 3.0 DEG51FT BY PRIOR ARRANGEMENT
RWY 01/19 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG only. 90MIN PN.
(2) Left side. Manually activated 2HR PN. PAPI intensity is manually controlled. CTC ARO via CTAF 122.0

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 123.4

LOCAL TRAFFIC REGULATIONS
1. All fixed wing ACFT ABV 5,700KG must make MAX RAD turns at MNM speed at turn pads to avoid SFC damage.
2. All ACFT to follow APN markings.
3. All jet ACFT to use idle power for movements on the APN with the exception of breakaway thrust to initiate taxi.
4. RWS not available for flight operations.

CTAF 122.0

ADDITIONAL INFORMATION
1. Blasting at APRX 0500 and 0830 UTC on intermittent days - CTC Blast Controller 0433 050 874:
   a. BRG 293 DEG MAG 2.43NM FM ARP
   b. BRG 293 DEG MAG 960M FM ARP.
2. Caution: Newman (YNWN) AD 28NM to NW. YNWN PROCS overlay and ADJ to PROCS at YKWA.

CHARTS RELATED TO THE AERODROME
1. WAC 3230.
2. Also refer to AIP Departure and Approach Procedures.

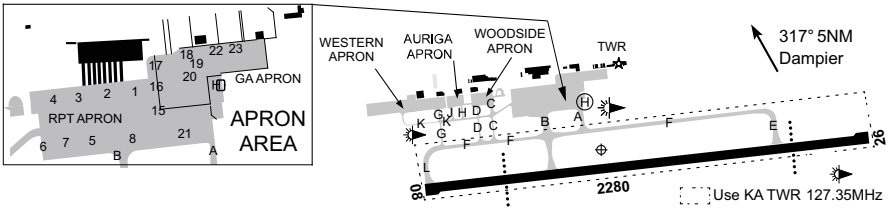
KARRATHA

ELEV 33

AVFAX CODE 6802

WA		UTC +8	YPKA
204244S	1164624E	VAR 1 DEG E	CERT

AD OPR City of Karratha, Karratha Office, PO Box 219, Karratha, WA, 6714.
Email: airport.operations@karratha.wa.gov.au. PH Duty ARO H24 0418 799 460.
PH Airport Management Office 08 9186 8507. Website: airport.karratha.wa.gov.au.



REMARKS

1. AD Charges: All ACFT.
2. At least 72 HRS PN RQ, in writing, to the Council, by MIL ACFT and non-RPT ACFT for parking on main RPT apron positions or for pavement concessions.
3. This AD is a Security Controlled Airport.
4. For airside security gate code CTC Airport Management Office 08 9186 8507 or AD Duty ARO 0418 799 460.
5. All persons (excluding PAX operating or accessing airside) must wear high-visibility attire at all times.

HANDLING SERVICES AND FACILITIES

AIR BP: 2300-1000 UTC JO, 2300-0430 UTC SAT and SUN. AH and PH call-out fee applies. 1HR PN required AH. Mobile 0499 747 727, Fax 08 9185 6170. JET A1, AVGAS.
VIVA Energy: 2200-1000 UTC, mobile 0417 831 341, AH 1HR PN mobile 0439 655 002, JET A1. VIVA Energy Fuel and Fly, VIVA Energy carnet and credit cards (V and MC).

RESCUE AND FIREFIGHTING SERVICES

1. CAT 6:
   a. MON and TUE 2255-1145 UTC.
   b. WED and THU 2255-1235 UTC.
   c. FRI 2255-1125 UTC.
   d. SAT 0030-0915 UTC.
   e. SUN 0435-1125 UTC.
2. 131.0 MHz AVBL HO.

APRONS AND TAXIWAYS

1. TWY A not AVBL to ACFT ABV 80,000KG MTOW.
2. ACFT ABV 12,100KG RQ pavement concession to use TWY C, D, G, H and K.
3. TWY C, D, H, J north of TWY K to Auriga and Woodside APN AVBL to HEL ACFT only.
4. TWY F 23M wide with lighting set at 30M.
5. GA APN tie-downs rated to MAX 5,700KG.
6. GA APN active tie-downs designated by white markings with a red stripe.
7. GA APN DCMSD tie-downs designated by a solid red marking.

AERODROME OBSTACLES

1. Tower (lit) 639FT AMSL (427FT AGL) BRG 356 DEG MAG 5.8NM (10.7KM) FM ARP.
2. Illuminated WDI PSN 204248S 1164706E 40FT AMSL. Infringes TNS by 20FT. Marked by red OBST LGT.
3. Weather radar “East Intercourse Island”, lit with red LGT 207FT AMSL BRG 305 DEG MAG 6NM FM ARP.
4. Unlit pole 96FT AGL PSN 204302.29S 1164532.08E. Infringes RWY 08 NDB visual segment SFC by 2FT.

Information may be continued on the next page: PTO

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. WATIR Phone 08 6216 2620 - Report faults to BoM.
3. AWIS FREQ 135.85 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

08/26 083 75a PCR 380/F/A/X/U Grooved WID 45 RWS 300

AERODROME AND APPROACH LIGHTING

RWY 08/26	MIRL(2)	AFRU+PAL 127.35		SDBY PWR AVBL
RWY 08/26	PAPI(1)	AFRU+PAL 127.35	3.0 DEG62FT	SDBY PWR AVBL
RWY 08/26	PTBL(3)			BY PRIOR ARRANGEMENT

(1) Both sides. Activated by AFRU+PAL outside TWR HR.

(2) Activated by AFRU+PAL outside TWR HR. During TWR HR, TWR has intensity control over PAPI, RWY and TWY lighting.

(3) EMERG only. 60MIN PN for rotary wing. 120MIN PN for fixed wing.

Outside TWR HR PAPI, RWY and TWY lighting may switch intensity automatically subject to prevailing conditions. Outside TWR HR normal AFRU+PAL is AVBL. PAL is activated for one hour.

OTHER LIGHTING

1. SDBY PWR switchover time: 3 MIN.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE		122.4 On Ground
ATIS	KARRATHA ATIS	(2)	134.55
SMC	KARRATHA GROUND		123.55
TWR	KARRATHA TOWER		127.35 (1)

(1) Landing ACFT to remain on TWR FREQ until vacated TWY FOXTROT and then MONITOR GND unless instructed otherwise.

(2) Also AVBL 08 9186 8923

1. TWR HR:
   a. MON-FRI: 2245-1130 UTC
   b. SAT: 2245-0645 UTC
   c. SUN: 0000-1130 UTC

   Phone 08 9186 8921^ or email: karratha.tower@airservicesaustralia.com

   Note: TWR HR may change at short notice. Check status of airspace with ATS or Karratha ATIS.
2. Karratha TWR provides combined TWR and APP CTL services within Class D airspace BLW 5,500FT AMSL during TWR HR. CTC TWR for clearance.
3. Outside TWR HR, Karratha Class D airspace becomes Class G.
4. Melbourne Centre 122.4 operates Karratha Class E airspace 5,500FT AMSL and ABV H24.

RADIO NAVIGATION AND LANDING AIDS

DME	KA	117.3/120X	204254.4S	1164626.0E		(1)
NDB	KA	404	204221.9S	1164702.3E	Range 70 (HN 70)	
VOR	KA	117.3	204254.3S	1164626.2E		(2)

(1) Antenna ELEV 41FT.

(2) Possible excessive fluctuations BTN radials 270 and 350 due terrain.

LOCAL TRAFFIC REGULATIONS

1. Non RPT ACFT with wing span greater than 20M, at least H24 PN required for parking on GA apron.
2. 48HR PN for all ACFT ABV 5,700KG and for all pavement concessions.
3. ACFT ABV 7,000KG RQ to taxi on RCL and turn at turning nodes.
4. All turns at RWY turning nodes to be at MNM speed and MAX RAD to avoid pavement damage.
5. All SVY, practice IAL and NAVAID training within KA Class D and E airspace requires prior notice to TWR 08 9186 8921^.
6. RPT Apron Bay 1 not AVBL HN.

FLIGHT PROCEDURES

1. Outside TWR HR, fixed wing ACFT should remain S of RWY 08/26 on base circuit.
2. Circuit Direction:
   Outside TWR HR, RWY 08 Right Hand circuits; RWY 26 Left Hand Circuits.
3. Extensive Helicopter OPS conducted to N of AD.
4. ACFT BAE-146 and above, when joining downwind for RWY 26 are REQ to join the circuit South of the town site to avoid overflying residential areas.
5. Low visibility operations not AVBL.
6. ATC may process SIMUL same direction independent OPS on RWY 08/26 and TWY F as a HLS, with the following conditions:
   a. In VMC, by day.
   b. Between HEL and single/twin engined propeller ACFT.
   c. RWY centre line and TWY centre are spaced at 200M.
   d. Pertinent traffic will be issued.
   e. Both ACFT will be on the same FREQ.

CTAF - AFRU 127.35

ADDITIONAL INFORMATION

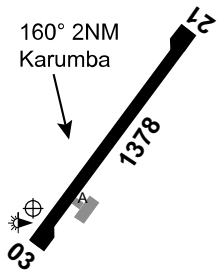
1. Bird and animal hazard exists.
2. Unannounced high velocity gas discharge may occur within D150 (APRX 002DEG MAG/7.5NM ARP).
3. D157 Karratha Dampier Firing Range may be in use without promulgation of NOTAM as indicated by flags lining the range.
4. HEL OPS WI 40NM of YPKA using night vision goggles primarily BTN the area bounded by YSBY, YCLN, YCPL, YPKA over water for maritime transfer OPS may not be displaying external LGT.

CHARTS RELATED TO THE AERODROME

1. WAC 3229.
2. Refer to AIP Departure and Approach Procedures.
3. Aerodrome Obstacle Chart Type A: May 2022 AVBL from AD OPR.

KARUMBA — ELEV 18

AVFAX CODE 4524



QLD UTC +10 YKMB
172717S 1404949E VAR 5 DEG E CERT
AD OPR Shire of Carpentaria, PO Box 31, Normanton, QLD, 4890.
PH 07 4745 2200. ARO 0427 117 765 H24. Fax 4745 1340.

REMARKS

1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

World Fuel Services (WFS): H24 AVGAS bowser WFS cardswipe and credit card (via smartphone APP). PH: 07 4745 1615 or 0474 073 734 (H24). Email: wfsnormanton@gmail.com.

PASSENGER FACILITIES

HJ - TX/AC/RF/WC/PT/HC

PHYSICAL CHARACTERISTICS

03/21	032	45a	PCR 88/F/B/0.90 MPa/U Sealed.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 03/21	LIRL(1)	PAL 120.05	SDBY PWR AVBL
RWY 03/21	PTBL(2)		BY PRIOR ARRANGEMENT

(1) PAL requires three one-second pulses to activate.
(2) 60 MIN PN.
RWY edge light spacing: 60M.

Information may be continued on the next page: PTO

OTHER LIGHTING

1. Secondary PWR switchover time: 70 SEC.
2. TWY LGT: Blue Edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.6 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION

Bird hazard exists particularly early morning and late afternoon.

CHARTS RELATED TO THE AERODROME

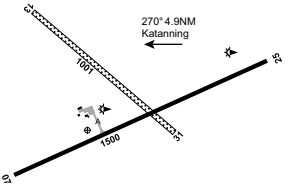
WAC 3220.

KATANNING — ELEV 936

AVFAX CODE 6309

WA		UTC +8	YKNG
334201S	1173912E	VAR 2 DEG W	CERT

AD OPR Shire of Katanning, PO Box 130, Katanning, WA, 6317.
Email: admin@katanning.wa.gov.au. PH 08 9821 9999. ARO 0438 582 732.



REMARKS

CTC ARO for security gate code.

PHYSICAL CHARACTERISTICS

07/25	067	49a	5700 kg/0.80 MPa Sealed	WID 23	RWS 90
13/31	132	33c	5700 kg/0.80 MPa Gravel	WID 18	RWS 60

AERODROME AND APPROACH LIGHTING

RWY 07/25 LIRL(1) PAL+AA 119.6 SDBY PWR AVBL

(1) SDBY PWR manually activated. 30 MIN PN. CTC ARO.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.4

CTAF 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3642.
2. Also refer to AIP Departure and Approach Procedures.

KEITH

ELEV 92

FULL NOTAM SERVICE NOT AVBL

SA UTC +9:30 YKTH
360651S 1401508E VAR 9 DEG E UNCR
AD OPR Tatiara District Council, 43 Woolshed St, Bordertown, SA, 5268.
Email: office@tatiara.sa.gov.au. PH 08 8752 1044. Website: www.tatiara.sa.gov.au.



PHYSICAL CHARACTERISTICS

17/35 38c Unrated. Gravel. WID 15 RWS 77

AERODROME AND APPROACH LIGHTING

RWY 17/35 LIRL AFRU+PAL 126.7 SDBY PWR AVBL
1. Hard wired solar.
2. RWY edge light spacing: 90M.

OTHER LIGHTING

TWY light: Blue edge

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 135.45

CTAF 126.7

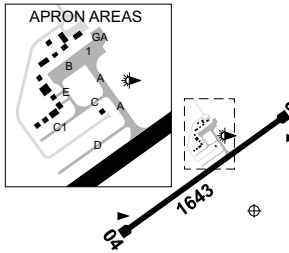
CHARTS RELATED TO THE AERODROME

WAC 3469.

KEMPSEY

ELEV 54

AVFAX CODE 2053



NSW UTC +10 YKMP
310428S 1524611E VAR 12 DEG E CERT
AD OPR Kempsey Shire Council, PO Box 3078, West Kempsey, NSW, 2440. PH 02 6566 3200. ARO 0428 687 258 (H24).

HANDLING SERVICES AND FACILITIES

Aero Refuellers: JET A1 and AVGAS AVBL H24. MC, V and Aero Refuellers Carnet accepted. PH 0413 003 808.

PASSENGER FACILITIES

TX/WC.

APRONS AND TAXIWAYS

1. TWY C, C1, D and E not AVBL to ACFT ABV 5,700KG MTOW and wingspan greater than 15M.
2. Use of parking Bay 1 is restricted to aerial ambulance (excluding HEL). Other ACFT ABV 5,700KG as approved by AD OPR with 72HR PN.
3. GA aprons not AVBL to ACFT ABV 5,700KG MTOW and wingspan greater than 15M.

Information may be continued on the next page: PTO

AERODROME OBSTACLES

1. Unlit pole 704FT AMSL BRG 232 DEG MAG 3.4NM FM ARP.
2. Lit TWR:
   a. 299FT AMSL BRG 351 DEG MAG 1.5NM FM ARP.
   b. 470FT AMSL BRG 108 DEG MAG 3.9NM FM ARP.
   c. 482FT AMSL BRG 108 DEG MAG 3.8NM FM ARP.
   d. 479FT AMSL BRG 185 DEG MAG 2.5NM FM ARP.
3. Unlit trees:
   a. 140FT AMSL BRG 238 DEG MAG 1.0NM FM ARP.
   b. 182FT AMSL BRG 239 DEG MAG 1.1NM FM ARP.
   c. 161FT AMSL BRG 240 DEG MAG 1.1NM FM ARP. Infringes visual segment surface RWY 04.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 02 9353 6430 - Report faults to BoM.
3. AWIS FREQ 128.675 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

04/22 042 54a Unrated. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 04/22 LIRL AFRU+PAL 118.9
RWY edge light spacing: 04/22: 90M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.55 3500FT
For circuit area and on ground COM, contact Brisbane Centre on 120.95.

LOCAL TRAFFIC REGULATIONS

Carriage and use of radio is required by AD OPR.

CTAF - AFRU 118.9

NOISE ABATEMENT PROCEDURES

1. Three facilities, located under the extended centreline of RWY 04/22 to the NE of the Kempsey Airport, are noise sensitive areas. These are the Aldavilla Primary School, the Greenhill School, and the Booroongen Djugun Aged Care Facility.
2. When landing on RWY 22, pilots should use the minimum power necessary on approach to minimise noise over noise sensitive areas.
3. Where practicable, pilots should use the full RWY length for take off.
4. Pilots should, where safe, practicable and consistent with expected training outcomes, maintain RWY heading after take off until reaching a height of 1,000FT above aerodrome elevation before making a turn into the circuit.
5. Simulated engine failure practice should not be conducted over noise sensitive areas.
6. Engine ground running, such as during pre-take off checks, may be conducted at any time, but should be kept to the minimum time operationally necessary.
7. Pilots of transponder-equipped aircraft should ensure that, at all times, the transponder is selected to ON/ALT (Mode C).
8. Users of Kempsey Airport should refer to the Kempsey Airport Fly Neighbourly Agreement (FNA) which may be downloaded from the Kempsey Shire Council website at: http://bit.ly/ksc-fna-dec-19.
9. Circuit training, as part of flight training school operations by local and visiting operators, is permitted only between the following hours:
   a. Local Aircraft Operators:
      (i) MON-FRI (except public holidays)
         - Between 0700-1900 Local (excluding HDS)
         - Between 0700-2200 Local HDS
      (ii) SAT (except when Saturday is declared as a public holiday)
         - Between 0800-1900 Local

(iii) SUN (except when Sunday is declared as a public holiday)
- Between 0900-1800 Local

(iv) NSW public holidays
- Between 0900-1800 Local

Note: Circuit training is not permitted on Christmas Day

b. Visiting Aircraft Operators:
(i) MON-FRI (except public holidays)
- Between 0800-1900 Local

Note: Circuit training is not permitted on SAT, SUN, public holidays or Christmas Day.

ADDITIONAL INFORMATION

1. Significant increase in animal hazard (Eastern Grey Kangaroo) WI AD VCY. Bird hazard (magpies) exists mid field RWY 04/22.
2. If requesting ARO to conduct wildlife check prior to OPS, 1HR PN required (phone call only, no SMS).
3. PJE OPS WI 5NM HJ. CTC AD OPR for additional INFO.

CHARTS RELATED TO THE AERODROME

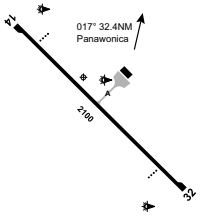
1. WAC 3357.
2. Also refer to AIP Departure and Approach Procedures.

KENS BORE — ELEV 709

AVFAX CODE 6806

WA		UTC +8	YKBA
220925S	1160926E	VAR 0 DEG E	CERT

AD OPR Onslow Iron Pty Ltd, 20 Walters Drive, Osborne Park, WA, 6017.
Email: kensbore.airport@mrl.com.au. PH H24 Airport Supervisor 0498 513 268.
Website: www.mineralresources.com.au.



REMARKS

1. Restricted OPS. PPR FM Airport Supervisor.
2. Parking allocation by prior arrangement with Airport Supervisor.
3. All OPS advise AD OPR with 20 MIN PN on FREQ 130.45MHz, CS 'Kens Bore Base'.

HANDLING SERVICES AND FACILITIES

Marshalling and ground handling services by prior arrangement with Airport Supervisor.
JET A1 AVBL. 24HR PN for unscheduled OPS (EXC MEDEVAC ACFT). CTC Airport Supervisor.

PASSENGER FACILITIES

WC and Telstra 4G reception.

APRONS AND TAXIWAYS

TWY A: Code C, 23M sealed.

AERODROME OBSTACLES

Lit secondary IWI (RWY 14) 738FT AMSL BRG 325 DEG MAG, 625M FM ARP. Infringes TNS by 1FT.

METEORLOGICAL INFORMATION PROVIDED

AWIS FREQ 122.775 (requires 3 one-second pulses to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

14/32	134	69a	PCR 350/F/A/X/T Grooved.		WID 30	RWS 280

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING

RWY 14/32	LIRL	PAL+AA 120.15		SDBY PWR AVBL
RWY 14/32	PAPI(1)	PAL+AA 120.15	3.0 DEG53.3FT	SDBY PWR AVBL
RWY 14/32	PTBL(2)			BY PRIOR ARRANGEMENT

(1) Left side.
(2) MEDEVAC only. 180MIN PN RQ.
1. Standby PWR AVBL. Manual switchover. 1HR PN.
2. PTBL LGT AVBL for MEDEVAC ACFT only. 180MIN PN.

OTHER LIGHTING

TWY LGT: blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.4
FIA	MELBOURNE CENTRE	125.7

LOCAL TRAFFIC REGULATIONS

1. All fixed wing ACFT ABV 20,000KG must make MAX RAD turns at MNM speed at all turning pads to avoid SFC damage.
2. All ACFT to follow APN markings.
3. All jet ACFT to use idle power for movements on the APN with the exception of breakaway thrust to initiate taxi. ACFT that cannot comply with this restriction must advise the AD OPR prior to departure.
4. RWS not AVBL for flight OPS.

CTAF - AFRU 126.7

AFRU located at YBGD. Not AVBL on ground.

CHARTS RELATED TO THE AERODROME

1. WAC 3229.
2. Also refer to AIP Departure and Approach Procedures.

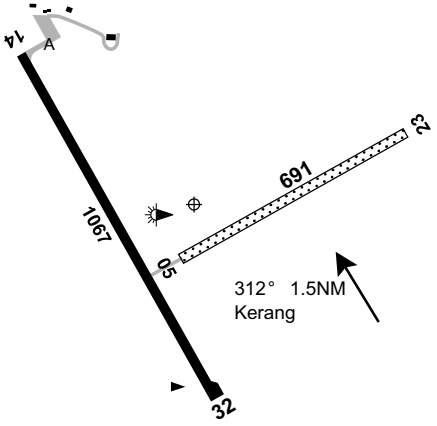
KERANG

ELEV 255

AVFAX CODE 3028

VIC		UTC +10	YKER
354505S	1435622E	VAR 11 DEG E	CERT

AD OPR Gannawarra Shire Council, 47 Victoria Street, Kerang, VIC, 3579. PH 03 5450 9333. Fax 5450 3023.



HANDLING SERVICES AND FACILITIES

AVGAS 100LL and JET A1, Aero Refuellers Carnet card, Visa or MC only. Phone 0413 003 808.

PASSENGER FACILITIES

WC.

AERODROME OBSTACLES

1. Tower 423FT, 1,903M NW of 14 RWS end infringes HZS.
2. Lit towers:
   a. 476FT AMSL PSN 354551.5S 1435735.8E. Infringes HZS by 76FT.
   b. 426FT AMSL PSN 354400.7S 1435516.8E. Infringes HZS by 26FT.
   c. 472FT AMSL PSN 354617.3S 1435558.6E. Infringes HZS by 72FT.
3. Unlit tower 427FT AMSL PSN 354345.2S 1435504.4E. Infringes HZS by 27FT.

PHYSICAL CHARACTERISTICS

05/23	048	23c	5700 kg/0.40 MPa White sand.	WID 18	RWS 90
14/32	138	35a	5700 kg/0.40 MPa	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 14/32 LIRL(1) PAL 123.4 SDBY PWR AVBL

(1) PAL requires three one-second pulses to activate.

OTHER LIGHTING

1. SDBY PWR switchover time: 30 SEC.
2. TWY LGT: Blue edge, TWY A only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.8 2000FT

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3458.
2. Also refer to AIP Departure and Approach procedures.

KHOLO HELIPAD

ELEV 220

FULL NOTAM SERVICE NOT AVBL

QLD		UTC +10	YKHO
272952S	1524628E	VAR 11 DEG E	UNCR

AD OPR Matthew Gadsby, 479 Lake Manchester Road, Kholo, QLD, 4306.
Email: mindydavies81@gmail.com. PH 0434 300 070.

REMARKS

1. HJ OPS only.
2. Due to the limited space, prior approval is required unless in the case of an EMERG.
3. CAUTION: This HLS is not subject to NOTAM advice of unserviceability. Approvals and HLS conditions can be obtained from the contact telephone number above.

AERODROME OBSTACLES

Windsock located on hangar roof.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	121.2 Circuit Area
ACD	AMBERLEY DELIVERY	134.6 (1)
APP	AMBERLEY APPROACH	126.2 (1)
TWR	AMBERLEY TOWER	118.3 (1)

(1) Circuit area.

LOCAL TRAFFIC REGULATIONS

1. Amberley provides ATS within the CTR from SFC to 8,500FT when active - check NOTAMS.
2. During activated CTR periods contact Amberley Clearance and Delivery for clearance.
3. During deactivated CTR periods airspace - CTAF procedures apply within the zone.
4. Overnight HEL parking available on the pad or on grassed area to the NE of the pad (sloping ground NE to SW).

Information may be continued on the next page: PTO

FLIGHT PROCEDURES

1. ARRIVING ACFT

a. Arrivals from the EAST (328DEG M)
b. Arrivals from the WEST (119DEG M)

2. DEPARTING ACFT

a. Departure to the EAST (148DEG M)
b. Departure to the WEST (299DEG M)

Note: Contact YAMB on the ground prior to departure on 07 5361 3349 for status and/or clearance.

CTAF 118.3

NOISE ABATEMENT PROCEDURES

On approach and departure remain North of Lake Manchester Road to avoid housing within 0.5NM of the South and South West of the HLS.

ADDITIONAL INFORMATION

1. CAUTION AIRSPACE - HLS is within YAMB CTR (contact YAMB or YBBN for airspace status).
2. CAUTION TRAFFIC - HLS is within 1NM of the Lake Manchester (LMC) VFR call up point.
3. Amberley AWIS 07 3564 3700 - CAUTION HLS conditions may differ due to local terrain.
4. Bird and wildlife hazard exists.

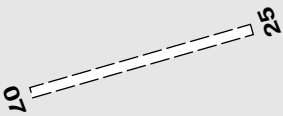
CHARTS RELATED TO THE AERODROME

WAC 3340.

KIDMAN SPRINGS

ELEV 290

FULL NOTAM SERVICE NOT AVBL



NT UTC +9:30 YKDM
160657S 1305712E VAR 3 DEG E UNCR
AD OPR Dept of Primary Production, Kidman Springs Station, Private Mail Bag 48, Katherine, NT, 0852. PH 08 8975 0762.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.6 FL125

CTAF 126.7

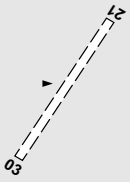
CHARTS RELATED TO THE AERODROME

WAC 3222.

KIDSTON

ELEV 1710

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YKID
185215S 1441024E VAR 6 DEG E UNCR
AD OPR Genex Power Ltd, Suite 5B, Level 5, 201 Leichhardt St, Spring Hill, QLD, 4000. PH 0439 065 926. ARO 07 4062 4100 or 07 4062 4157.
ARO AH 0424 300 434.

REMARKS

PPR with 48HR PN for all OPS except medical emergencies.

AERODROME OBSTACLES

Lit TWR 279 DEG MAG 0.32NM FM THR RWY 03, 295FT AGL.

AERODROME AND APPROACH LIGHTING

Emergency flares AVBL with 30MIN PN for medical emergencies only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 119.8 Circuit Area

LOCAL TRAFFIC REGULATIONS

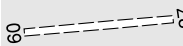
ACFT must avail of full RWY upon LDG in either direction. ACFT turn at RWY ends only.

CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3219.

KILCOY

ELEV 400
FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YKCY
265816S 1523355E VAR 11 DEG E UNCR
AD OPR South East Queensland Sport Aircraft Club (SEQSAC), PO Box 195, Kilcoy, QLD, 4515. Email: kilcoyairfield@gmail.com. PH 0434 449 737 or 0416 323 224. Website: www.kilcoyairfield.club.

PASSENGER FACILITIES
WC.

PHYSICAL CHARACTERISTICS
09/27 23c Unrated. Grass. RWY LEN 700M. WID 20

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 129.0 On Ground

LOCAL TRAFFIC REGULATIONS
1. Visitor ACFT PRKG south of hangars and west of TWY.
2. HEL OPS: hovering and PRKG S of hangars and E of TWY only. HEL to exercise extreme caution as rotor wash may dislodge RWY marker cones.

FLIGHT PROCEDURES
1. CCTS for YKCY resident aircraft permitted HJ only.
2. Commercial CCTS operations not permitted.
3. HEL OPS HN require written permission from AD OPR, except in EMERG.

CTAF 126.7

NOISE ABATEMENT PROCEDURES
1. Avoid flying over noise sensitive farm house 1NM to the north of the field.
2. Avoid low level CCTS on RWY 09.

ADDITIONAL INFORMATION
Following extended rain periods, parts of the AD SFC may become soft. Guidance should be sought from the OPR prior to use.

CHARTS RELATED TO THE AERODROME
WAC 3340.

KILLARNEY

ELEV 636
FULL NOTAM SERVICE NOT AVBL

NT UTC +9:30 YKLE
161501S 1314449E VAR 3 DEG E UNCR
AD OPR Killarney Station, PMB 201, Katherine, NT, 0851. PH 08 8975 0750.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 122.6 FL120

CTAF 126.7

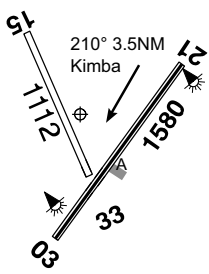
CHARTS RELATED TO THE AERODROME
WAC 3222.

Information may be continued on the next page: PTO

KIMBA

ELEV 763

AVFAX CODE 5306



SA UTC +9:30 YIMB
330526S 1362752E VAR 7 DEG E CERT
AD OPR Kimba District Council, PO Box 189, Kimba, SA, 5641.
ARO 8627 2026. ARO AH 0428 515 002. Council PH 08 8627 2026.

AERODROME OBSTACLES

COM tower 1,310FT AMSL BRG 233.8 DEG MAG 3.94 NM FM ARP.

PHYSICAL CHARACTERISTICS

03/21	033	52c	Unrated. Gravel, Central 18M sealed.	WID 30	RWS 90
15/33	153	36c	Unrated. Brown clay sand.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 03/21	LIRL	AFRU+PAL 126.7
RWY 03/21	PTBL(1)	BY PRIOR ARRANGEMENT
RWY 15/33	PTBL(1)	BY PRIOR ARRANGEMENT

(1) EMERG only. 90MIN PN.
RWY 03/21 edge light spacing: 60M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 123.9 5000FT

LOCAL TRAFFIC REGULATIONS

RWS 15/33 AVBL for TKOF and LDG.

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3459.
2. Also refer AIP Departure and Approach Procedures.

KIN KIN RETREAT

ELEV 400

FULL NOTAM SERVICE NOT AVBL

WA UTC +8 YKKN
342245S 1161920E VAR 2 DEG W UNCR
AD OPR John Sanders, PO Box 331, Manjimup, WA, 6258. PH 08 9773 1268.



REMARKS

PPR.

PHYSICAL CHARACTERISTICS

RWS 45M. Grass.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 124.9

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3462.

KINDRA FALLS

ELEV 700
FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YKFS
344327S 1470839E VAR 12 DEG E UNCR
AD OPR Andrew Bishop, 978 Ardlethan Road, Coolamon, NSW, 2701.
Email: andyandchris@icloud.com. PH 0414 285 556 (H24).



REMARKS
1. PPR. Private use.
2. Daylight OPS only.

AERODROME OBSTACLES
1. Fences both ends of RWY strip.
2. Trees right of centreline on approach to RWY 09.

PHYSICAL CHARACTERISTICS
09/27 23c Unrated. Smooth dirt. RWY LEN 700M. WID 20

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 134.65

CTAF 126.7

ADDITIONAL INFORMATION
1. Stock graze occasionally in the airstrip paddock when not in use.
2. AD can become slippery after rain.

CHARTS RELATED TO THE AERODROME
WAC 3456, 3457.

KING ASH BAY

ELEV 30
FULL NOTAM SERVICE NOT AVBL



NT UTC +9:30 YKAB
155552S 1362855E VAR 4 DEG E UNCR
AD OPR King Ash Bay Fishing Club, 1 Batten Road, King Ash Bay, NT, 0854.
PH 0400 789 922.

AERODROME OBSTACLES
Hazard: aerial 100FT SW 1KM.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 128.5

CTAF 126.7

ADDITIONAL INFORMATION
Animal hazard exists.

CHARTS RELATED TO THE AERODROME
WAC 3110, 3221.

Information may be continued on the next page: PTO

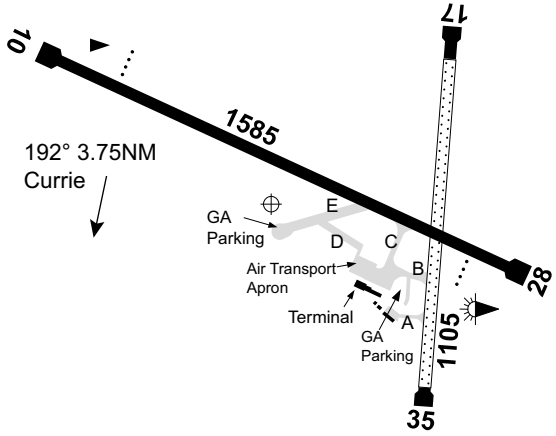
KING ISLAND

ELEV 132

AVFAX CODE 7013

TAS		UTC +10	YKII
395239S	1435242E	VAR 12 DEG E	CERT

AD OPR King Island Council, PO Box 147, Currie, King Island, TAS, 7256.
Email: airport@kingisland.tas.gov.au. PH Duty ARO 03 6462 1499.
Council PH 03 6462 9000. Website: www.kingisland.tas.gov.au/live/airport/.



REMARKS

1. 24HR PN for all overnight PRKG requests. 60 MIN PN for all other requests (Bay 1 is lit for HN movements). CTC Duty ARO.
2. This AD is a Security Controlled Airport.
3. High visibility vest (or equivalent) and ASIC (or King Island VIC) to be worn airside.
4. AD charges apply.
5. 'Conditions of Use' can be obtained from the AD OPR or website.
6. Terminal locked outside of operational HR.

HANDLING SERVICES AND FACILITIES

CTC ground handling agents through Duty ARO.
Fuel supplied by IOR Aviation Pty Ltd. JET A1 H24. Payment method via IOR Aviation tag for account holders or via the Fuelcharge APP. PH 1300 457 467.

PASSENGER FACILITIES

HC (King Island Car Rental)/LG/RF/WC.

APRONS AND TAXIWAYS

1. Bitumen sealed APN for ATO accessed by TWY C.
2. TWY A local access to Aeroclub.
3. TWY B WID 15M, gravel. May be closed by NOTAM and used for overflow ACFT PRKG with PN.
4. TWY C WID 15M bitumen, sealed.
5. TWY D WID 10.5M, follow me only from bitumen APN. May be closed by NOTAM and used for overflow ACFT PRKG with PN.
6. TWY E WID 10.5M gravel GA ACFT PRKG.

AERODROME OBSTACLES

1. IWI 142FT AMSL BRG 105 MAG 672M FM ARP. Infringes TNS by 1.3FT.
2. Fence 128FT AMSL PARL to RWY LOC 553M to 620M FM SOT RWY 10 and 91M S of RCL infringes TNS by up to 4.3FT.
3. Trees:
   a. 152FT AMSL BRG 312 MAG 553M FM ARP infringes TNS by up to 9.5FT.
   b. 166FT AMSL PSN 395305.5S 1435349.8E. Infringes TKOF SFC by 2FT.
   c. 171FT AMSL PSN 395256.7S 1435351.2E. Infringes TKOF SFC by 12FT.
   d. 138FT AMSL PSN 395256.8S 1435331.3E. Infringes TKOF SFC by 7FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 03 6283 8603 - Report faults to BoM.
3. AWIS FREQ 128.75 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

10/28	102	52a	PCR 150/F/C/1.05 MPa/U Sealed	WID 30	RWS 150
17/35	172	36c	PCR 100/F/C/0.58 MPa/U Grey gravel: 95(311) N end and 42 (137) S end sealed	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 10/28	LIRL	AFRU+PAL 126.85		SDBY PWR AVBL
RWY 10/28	PAPI(1)	AFRU+PAL 126.85	3.0 DEG41FT	SDBY PWR AVBL

(1) Left side.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 SEC.
2. TWY C LGT: Blue edge.
3. RWY edge light spacing: 10/28: 60M.
4. RWY 10/28 turning node LGT: Blue edge.
5. HBN (Telstra Tower) to NNW of AD.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	123.9 On Ground

RADIO NAVIGATION AND LANDING AIDS

NDB	KII	332	395320.8S	1435231.2E	Range 130 (HN 110)	(1)

(1) 003/0.7 to ARP

LOCAL TRAFFIC REGULATIONS

1. VHF transmissions of TAX ACFT may be subject to GND shielding. Extreme CTN must be exercised.
2. GA PRKG area provided within defined APN at W end of TWY E. No tie-downs provided.

CTAF - AFRU 126.85

ADDITIONAL INFORMATION

Wildlife hazard exists. Species specific NOTAM will be raised.

CHARTS RELATED TO THE AERODROME

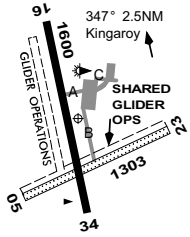
1. WAC 3556, 3469
2. Also refer to AIP Departure and Approach procedures.

Information may be continued on the next page: PTO

KINGAROY

ELEV 1492

AVFAX CODE 4004



QLD UTC +10 YKRY
263451S 1515028E VAR 11 DEG E CERT

AD OPR South Burnett Regional Council, PO Box 336, Kingaroy, QLD, 4610.
PH 07 4189 9100 or 0488 911 187 or 0448 184 992.
Website: www.southburnett.qld.gov.au.

REMARKS

AD charges: all ACFT. Schedule of charges AVBL on website.

HANDLING SERVICES AND FACILITIES

AVGAS H24 credit card swipe bowser (MC and V only). For other fuel services TEL 0428 622 629.

PASSENGER FACILITIES

PT/TX (07 4162 1277)/HC/LG/WC/AC/ME.

AERODROME OBSTACLES

1. LIOL - mast, 187FT AGL, BRG 006 DEG MAG, 4,750M FM TODA end RWY 34.
2. LIOL - two lit masts 98FT AGL, BRG 110 MAG, 3,000M FM THR RWY 16.
3. Unlit mountain ridge 1,749FT AMSL, 1.61NM FM THR 23 BRG 55.1 DEG MAG, infringes conical OLS for RWY 05/23 by 20FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 07 3564 3720 - Report faults to BoM.
3. AWIS FREQ 125.95 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	055	43c	Unrated. Grass brown silt clay	WID 30	RWS 90
16/34	159	52a	PCR 130/F/D/0.80 MPa/T	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 16/34	LIRL(2)	PAL 119.6	SDBY PWR AVBL
RWY 16/34	PTBL(1)		BY PRIOR ARRANGEMENT

(1) EMERG only.
(2) SDBY PWR supplied by generator.
1. PAL requires three times one SEC pulses WI a 14SEC period.
2. RWY edge light spacing: 16/34: 60M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	121.2 On Ground

FLIGHT PROCEDURES

1. Right hand circuits RWY 34 H24.
2. All circuits left-hand RWY 05/23. Gliders/tugs normally fly below and inside standard 1,000FT circuit.
3. Gliding OPS HJ. Simultaneous operations from glider strip marked with pink tyres, parallel to RWY 16/34.
   CONTRA CIRCUITS IN OPERATION RWY 16/34 ONLY.
   THERE IS NO DEAD SIDE WITH CONTRA CIRCUITS.
4. Glider/tug circuits on glider strip 16/34 to W, other ACFT circuits to E. Other ACFT must not infringe glider circuit BLW 1,500FT AGL. Gliders/tugs right hand circuits Glider strip 16.
5. WHERE POSSIBLE ACFT SHOULD CONFORM TO ESTABLISHED RWY DIRECTION IN USE. Join circuit for RWY 16/34 in downwind position or upwind along RWY 16/34 to avoid glider circuit.
6. If use of a crossing RWY is operationally necessary a wide circuit to join a long final clear of established circuit traffic is advised. On DEP maintain RWY heading until clear of other traffic.

CTAF 127.45

ADDITIONAL INFORMATION

1. Gliders operate from WI RWS when using RWY 05/23.
2. Model ACFT OPR WI 500M radius of PSN 262948.00S 1515430.00E BRG 024 MAG 6.3NM FM Kingaroy AD (YKRY) SFC to 1,000FT AGL.

CHARTS RELATED TO THE AERODROME

1. WAC 3340.
2. Also refer to AIP Departure and Approach Procedures.

KINGS CREEK STN

ELEV 2017

FULL NOTAM SERVICE NOT AVBL



NT UTC +9:30 YKCS
242513S 1314908E VAR 4 DEG E UNCR
AD OPR Kings Creek Station, PMB, Alice Springs, NT, 0872.
PH 08 8956 7474.

REMARKS

AD Charges: Commercial ACFT.

PASSENGER FACILITIES

Telephone facilities not AVBL.

AERODROME OBSTACLES

Hill located 170 MAG distance 1.2NM 207FT ABV AD ELEV.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	121.85 Circuit Area

FLIGHT PROCEDURES

CAUTION. Do not overfly helipad located 2NM N of RWY on corner of highway and homestead driveway.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3344.

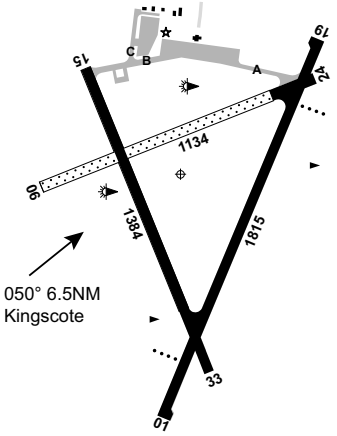
Information may be continued on the next page: PTO

KINGSCOTE/KANGAROO ISLAND ELEV 24

AVFAX CODE 5007

SA		UTC +9:30	YKSC
354250S	1373117E	VAR 8 DEG E	CERT

AD OPR Kangaroo Island Council, PO Box 121, Kingscote, SA, 5223.
Email: kiairport@kicouncil.sa.gov.au. ARO H24 0407 715 363. Council PH 08 8553 4500: Airport Phone 08 8553 4532.



REMARKS

1. AD Charges: RPT and PAX Charter - as per passenger levy. All other ACFT, MTOW.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

Fuel not AVBL.

PASSENGER FACILITIES

HC (Budget 1300 362 848 Local enquiries 08 8553 3133: Hertz/Thrifty 13 30 39 Local enquiries 08 8553 5790)/BU Transfers (KI Transfers +61427 887 575)/LG/RF/WC
Terminal open DLY. Access via gates 3 and 4 glass doors from airside AH.
Inflight catering services on REQ, open DLY 0800-1100 Local EXC SUN and 1500-1700 Local EXC SAT. All day service AVBL by REQ, PH: 0418 465 219 or email: visuals@kangarooislandprovidore.com.au.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 08 8150 3806 - Report faults to BoM.
3. AWIS FREQ 127.45 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

01/19	013	60a	PCR 164/F/C/1.00 MPa/U	WID 30	RWS 150
06/24	058	37c	PCR 33/F/C/0.63 MPa/U	WID 30	RWS 90
15/33	148	45a	PCR 69/F/C/0.79 MPa/U	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 01/19	LIRL	PAL 122.3		SDBY PWR AVBL
RWY 01/19	PAPI(2)	PAL 122.3	3.0 DEG47FT	SDBY PWR AVBL
RWY 01/19	PTBL(1)			BY PRIOR ARRANGEMENT
RWY 06/24	PTBL(1)			BY PRIOR ARRANGEMENT
RWY 15/33	PTBL(1)			BY PRIOR ARRANGEMENT

(1) EMERG only.
(2) Left side only

1. Selection of PAL HJ - only activates PAPI and illuminated WDI. RWY, ABN and APN flood lights will operate only when poor light levels exist.
2. RWY edge light spacing: 01/19: 60M.

OTHER LIGHTING
ABN FLG 6 W
1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge on TWY A.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 123.05 On Ground

LOCAL TRAFFIC REGULATIONS
1. Prior approval is requested for all non RPT sealed apron PRKG.
2. All turns to be MAX RAD, MNM speed.
3. All 180DEG turns for ACFT ABV 5,700KG MTOW use RWY END only.
4. Apron edge taxilane from TWY A, MAX wingspan 29M ACFT access to Bay 1-3 only.
5. TWY B and Apron edge taxilane to Bay 4 limited to MAX SF34 ACFT.
6. RPT Apron PRKG Bays 1 and 2 (B712, E170, F100, DH8D).
7. RPT Apron PRKG Bay 3 (DH8D, DH8C, SF34) and Bay 4/4A (SF34).
8. Itinerant ACFT PRKG in GA area, W of sealed apron via TWY B and C.
9. Except in EMERG, sealed apron PRKG by non RPT ACFT may incur PRKG fee unless by prior arrangement.

CTAF - AFRU 126.0

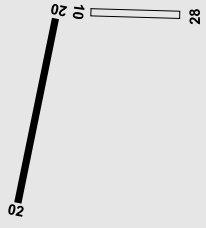
ADDITIONAL INFORMATION
Concentrations of birds and wallabies in vicinity of AD.

CHARTS RELATED TO THE AERODROME
1. WAC 3459.
2. Also refer to AIP Departure & Approach Procedures.

KINGSTON

ELEV 8

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YKIG
364912S 1395212E VAR 9 DEG E UNCR
AD OPR Kingston District Council, 29 Holland Street, PO Box 321, Kingston SE, SA, 5275. PH 08 8767 2033. ARO 0437 673 114: 0417 309 318: 0417 877 238.

HANDLING SERVICES AND FACILITIES
By arrangement.

AERODROME OBSTACLES
Water tower 1,000M SW of ALA. Lit.

PHYSICAL CHARACTERISTICS
02/20 33a 5700 kg Unrated. Spray sealed SFC. RWY LEN 1,008M. WID 15 RWS 90
10/28 23c 2000 kg Unrated. Grass. RWY LEN 705M. WID 30
RWY 10/28 AVBL HJ. RWY 02/20 AVBL H24.

AERODROME AND APPROACH LIGHTING
RWY 02/20 PAL 126.7.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 125.8 Circuit Area

CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3469.

Information may be continued on the next page: PTO

KONDININ

ELEV 965

FULL NOTAM SERVICE NOT AVBL

18

36

WA		UTC +8	YKDN
322803S	1181611E	VAR 1 DEG W	UNCR

AD OPR Shire of Kondinin, 11 Gordon Street, (PO Box 7), Kondinin, WA, 6367.
Email: cso@kondinin.wa.gov.au. ARO 08 9889 1006. Mobile 0429 891 006.
Website: www.kondinin.wa.gov.au.

REMARKS

1. OPS allowed include RFDS, private pilots including cropdusters and occasional flight training. ACFT ABV 5,700KG MTOW not permitted.
2. OPR 24HR in case of RFDS.

PASSENGER FACILITIES

Kondinin Roadhouse PH 08 9889 1190.

AERODROME OBSTACLES

Telstra communication mast 1,108FT AMSL BRG 191 MAG 1.54NM FM ARP.

PHYSICAL CHARACTERISTICS

18/36	42c	5700 kg Unrated. Sealed. RWY LEN 1,275M, HN RWY LEN 1,075M.	WID 30

AERODROME AND APPROACH LIGHTING

RWY 18/36 LIRL PAL+AA 120.35

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.4

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Kangaroo hazard exists.

CHARTS RELATED TO THE AERODROME

WAC 3462.

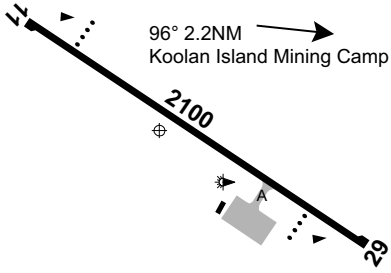
KOOLAN ISLAND/KOOLAN CENTRAL

ELEV 540

AVFAX CODE 6918

WA		UTC +8	YKLC
160733S	1234405E	VAR 2 DEG E	CERT

AD OPR MGX Resources Limited, Level 1, 2 Kings Park Road, West Perth, WA, 6005.
Email: ki.aerodrome@mgx.com.au. PH 08 9426 7500; Site: 08 9423 0858. ARO 0435 009 670.



REMARKS

1. AD is a private installation - PPR FM AD OPR 24HR.
2. PRI and SDBY source of PWR is derived FM generators.

HANDLING SERVICES AND FACILITIES
Air BP - JET A1 via arrangement. CTC ARO.

General
Marshalling provided for all ACFT ABV 5,700KG.

PASSENGER FACILITIES
LG/RF/WC. Telephone facilities AVBL and Telstra 4G mobile reception.

APRONS AND TAXIWAYS
TWY A - Code C, 15M bitumen.

AERODROME OBSTACLES
Lit mast 571FT AMSL BRG 048 MAG 240M FM ARP. Infringes transitional SFC by 3FT.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT C, METAR/SPECI.
2. AWIS FREQ 122.250 (requires three one-second pulses to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS
11/29	113	69a	PCR 342/F/A/1.40 MPa/T Sealed.	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING
RWY 11/29	LIRL	AFRU+PAL 127.2		SDBY PWR AVBL
RWY 11/29	PAPI(1)	AFRU+PAL 127.2	3.0 DEG53FT	SDBY PWR AVBL

(1) Left side.

RWY edge light spacing: 60M.

OTHER LIGHTING
1. TWY LGT: Blue edge.
2. SDBY PWR - automatically activated, switchover time: 8 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA	BRISBANE CENTRE	122.1
UNICOM	KOOLAN ISLAND/KOOLAN BASE UNICOM	129.35 (1)

(1) All OPS advise AD OPR at least 20MIN prior to ETA.

LOCAL TRAFFIC REGULATIONS
1. RWY 11/29: All fixed wing ACFT ABV 5,700KG must make MAX RAD turns at MNM speed at all turn pads to avoid SFC damage.
2. All ACFT to follow APN markings as required.
3. All jet ACFT to use idle power for movements on the APN with the exception of breakaway thrust to initiate taxi. ACFT that cannot comply with this restriction must advise the AD OPR prior to departure.
4. Pilots are advised that tie-downs in GA parking are untested, and use is at own risk.

FLIGHT PROCEDURES
For special procedures which apply to the Horizontal Falls, see entry under ERSA GEN - SPECIAL PROCEDURES.

CTAF - AFRU 127.2

ADDITIONAL INFORMATION
1. Blasting 0.2NM south FM ARP. Contact ARO for blasting times.
2. Secondary WDI 180M N of RWY 11 THR.

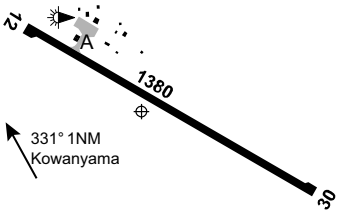
CHARTS RELATED TO THE AERODROME
1. WAC 3223.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

KOWANYAMA

ELEV 35

AVFAX CODE 4514



QLD UTC +10 YKOW
152908S 1414505E VAR 5 DEG E CERT
AD OPR Kowanyama Aboriginal Shire Council, C/O PO Box 33 Kowanyama, QLD, 4892.
Email: manager.airport@kowanyama.qld.gov.au: admin@kowanyama.qld.gov.au.
ARO MON-FRI HJ 07 4083 7105: 0457 719 203 (H24).
Council PH MON-FRI 07 4083 7100.

REMARKS

1. AD Charges: All ACFT - contact airport for charges.
2. PPR FM AD OPR for all AH flights. AH fees apply.
3. AD operating hours 0800-1700 Local JO. For AH service CTC AD OPR with 60MIN PN.
4. Alcohol is restricted in Kowanyama Shire. Heavy penalties apply. Special provisions apply for alcohol being transported on consignment, and restrictions may vary from time to time. Further information on alcohol restrictions is available by calling 13 QGOV (13 74 68) or referring to: https://www.qld.gov.au/firstnations/health-staying-active/alcohol-smoking-drugs/community-alcohol-restrictions/remote-discrete-communities/kowanyama.
5. AD is locked AH. Call-out fees apply for AH access to facility grounds/car park.

HANDLING SERVICES AND FACILITIES

AH call-out fee applies: 1700-0800 Local MON-FRI, SAT-SUN and PH. CTC ARO mobile.
JET A1 only. Prior arrangement only for payment.
Fuel not AVBL SAT-SUN except for RFDS MEDEVAC.

PASSENGER FACILITIES

WC/LG. Telephone facilities AVBL at township only.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 07 3564 3721 - Report faults to BoM.
3. AWIS FREQ 128.25 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

12/30 115 45a PCR 63/F/B/0.60 MPa/U Sealed WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 12/30 LIRL AFRU+PAL 126.7 SDBY PWR AVBL
RWY edge light spacing: 12/30: 58M.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.2 9500FT

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Birds and wallabies in vicinity of AD.

CHARTS RELATED TO THE AERODROME

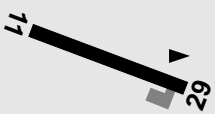
1. WAC 3112.
2. Also refer to AIP Departure and Approach Procedures.

KUBIN

ELEV 15

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YKUB
101336S 1421325E VAR 5 DEG E UNCR
AD OPR Torres Strait Island Regional Council, PO Box 7336, Cairns, QLD, 4870.
PH 07 4034 5700. ARO 0439 401 497 (H24).



REMARKS

1. Restricted OPS: PPR from AD OPR.
2. NGT OPS EMERG helicopter only.

PHYSICAL CHARACTERISTICS

11/29 33a Unrated. Sealed WID 18 RWS 60

AERODROME AND APPROACH LIGHTING

RWY 11/29 LIRL(1) PAL 119.65
(1) AD lighting for EMERG helicopter OPS only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.3 3500FT

FLIGHT PROCEDURES

For special procedures which apply to Torres Strait biosecurity requirements, see ERSA GEN - SPECIAL PROCEDURES.

CTAF 126.5

ADDITIONAL INFORMATION

Bird and animal hazard exists.

CHARTS RELATED TO THE AERODROME

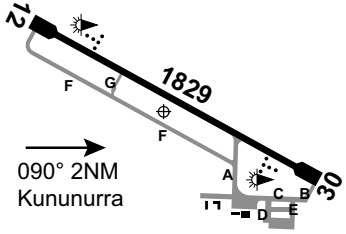
WAC 3097.

KUNUNURRA

ELEV 145

AVFAX CODE 6910

WA UTC +8 YPKU
154641S 1284227E VAR 2 DEG E CERT
AD OPR Shire of Wyndham East-Kimberley, PO Box 614, Kununurra, WA, 6743.
Email: airports@swek.wa.gov.au. PH AD Manager: 08 9166 2501. ARO H24 0439 930 373.
Council PH 08 9168 4100. Fax 08 9168 1904.



REMARKS

1. AD Charges: All ACFT.
2. Overnight PRKG fees apply.
3. This AD is a Security Controlled Airport.
4. All pilots and operators must possess and display a current Aviation Security Identification card (ASIC) when airside.
5. Gate 7 code to access airside can be obtained by contacting Airport Operations Office on 08 9166 2503 or 0439 930 373.
6. Quarantine area - 48HR PN REQ for entry FM interstate for quarantine checks. Phone 0429 088 130, Fax 08 9168 7333. Restrictions apply on all fruit and vegetables when entering WA.

Information may be continued on the next page: PTO

HANDLING SERVICES AND FACILITIES

AIR BP: 2300-1000 UTC DLY. Phone 08 9168 1810, AH 0419 900 813. H24 cardswipe bowser, AVGAS, JET A1. Call-out fees apply AH.
VIVA Energy Aviation: Kimberley Aviation Refuellers 2230-0930 UTC, Phone 08 9168 1210 diverts to mobile, Fax 08 9168 1026, Mobile 0418 847 269. AVGAS, JET A1. Viva Energy Fuel2Sky Card and Credit cards (V and MC).

APRONS AND TAXIWAYS

1. TWY D, E, F, G and TWY C, W of TWY A not AVBL to ACFT ABV 5,700KG WO permission.
2. TWY A, B and adjoining section of TWY C AVBL up to code C ACFT.

AERODROME OBSTACLES

Lit masts:

a. 639FT AGL PSN 154553.1S 1284433.0E.
b. 433FT AGL PSN 154548.6S 1284401.8E.
c. 368FT AGL PSN 154644.0S 1284031.8E.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 08 6216 2621 - Report faults to BoM.
3. AWIS FREQ 135.7 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

12/30	118	60a	PCR 564/F/D/1.44 MPa/T Grooved	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 12/30	LIRL	AFRU+PAL 127.0		SDBY PWR AVBL
RWY 12	AT-VASIS(1)	AFRU+PAL 127.0	3.0 DEG39FT	SDBY PWR AVBL
RWY 30	AT-VASIS(1)	AFRU+PAL 127.0	3.0 DEG41FT	SDBY PWR AVBL

(1) Left side.
RWY edge light spacing: 12/30: 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge on TWY A, TWY B, TWY C.
3. 1 HR PN required to activate RPT APN lighting CTC ARO.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.4 On Ground

RADIO NAVIGATION AND LANDING AIDS

DME	KU	116.5/112X	154631.8S	1284231.9E		(1)
NDB	KU	221	154702.1S	1284214.3E	Range 30 (HN 30)	(2)
VOR	KU	116.5	154631.7S	1284231.4E		

(1) Antenna ELEV 165FT.
(2) 084/0.6 to ARP.

LOCAL TRAFFIC REGULATIONS

1. 48HR PN to Airport Manager for parking of ACFT ABV 5,700KG MTOW. Visitor PRKG in Bays 1 and 2 of GA PRKG area. HEL visitor PRKG in HEL only marked eastern GA PRKG area.
2. ACFT ABV 10,000KG MTOW are required to use Turning Nodes for 180DEG turns.
3. ACFT BLW 10,000KG MTOW are requested to use MAX RAD turns to avoid pavement damage.
4. Compass Swing Site located on TWY G.
5. All ACFT movements restricted to designated RWY, TWY, APN and GA areas only.

FLIGHT PROCEDURES

1. RWY 30 right hand circuits.
2. For special procedures which apply to the Horizontal Falls, see *ERSA GEN - SPECIAL PROCEDURES*.
3. Bungles scenic flights conform to the following standard operating procedures. Visiting pilots are welcome to contact local chief pilots for a detailed briefing.
   a. **KUNUNURRA to BUNGLES**
      (i) Following takeoff maintain 700FT AMSL, turn LEFT off RWY 30, or RIGHT off RWY 12 and track SE to establish E of the Ord River by 5NM YPKU.
      (ii) At 5NM YPKU climb to not above 2,500FT AMSL and, remaining E of the Ord River, track along the Ord River and Spillway Creek to the Ord Top Dam, then track direct to the NE Tip of the Bungles.
      (iii) Operate around the Bungles in accordance with the procedures specified in ERSA GEN - Special Procedures (Not Associated with an Aerodrome).
   b. **BUNGLES to KUNUNURRA**
      (i) At the NW Tip of the Bungles climb to not below 3,500FT AMSL and track direct to the Argyle Diamond Mine.
      (ii) Maintain not below 3,500FT AMSL and track from the mine to Ord Top Dam along the western shoreline of Lake Argyle.
      (iii) Remaining W of the Ord River track to YPKU and join the circuit via crosswind not below 1,200FT AMSL.

   See also ERSA GEN Special Procedures SP4.

CTAF - AFRU 127.0

ADDITIONAL INFORMATION

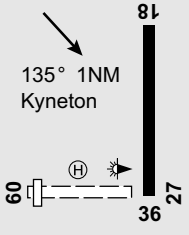
Birds - high concentration of birds in vicinity of AD FM 1 HR before to 1 1/2 HR after sunrise and FM 1 HR before to 1/2 HR after sunset. Concentration move FM roosting areas 1NM S of AD to feeding areas N of AD along Ord River catchment area.

CHARTS RELATED TO THE AERODROME

1. WAC 3108.
2. Also refer to AIP Departure and Approach Procedures.

KYNETON (VIC)

ELEV 1650
FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YKTN
371332S 1442649E VAR 11 DEG E UNCR
AD OPR Kyneton Aero Club Inc, PO Box 117, Kyneton, VIC, 3444.
Email: president@kynetonaeroclub.org.
Website: www.kynetonaeroclub.org.

REMARKS

1. PPR. Form must be submitted via the website.
2. All ACFT must refer to website for detailed airfield, OPS INFO, access and parking fees.
3. Gyroplane OPS are not permitted.

HANDLING SERVICES AND FACILITIES

Fuel supplied by IOR Aviation. AVGAS AVBL 24HR. Payment via IOR Aviation tag for account holders or via the Fuelcharge APP.

PASSENGER FACILITIES

TX/WC

AERODROME OBSTACLES

Numerous infringement of the OLS exists.

PHYSICAL CHARACTERISTICS

09/27	21c	Unrated. Grass. RWY LEN 645M. Slope up to W. DTHR RWY 09 46M.	WID 30	
18/36	23a	Unrated. Sealed. RWY LEN 703M.	WID 10	RWS 30

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING

RWY 18/36 LIRL(1) PAL 120.55

(1) Airfield lighting AVBL for DEP and ARR only. PAL requires three one-second pulses to activate.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 126.8 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. Carriage and use of aviation airband radio is RQ by AD OPR.
2. Visiting ACFT are not to conduct multiple training or practice circuits at any time, visiting aircraft operations at the airfield are limited to singular circuit procedure for ARR or DEP only.
3. No flying training operations of any kind, including circuits, emergency drills and precautionary search runs, are permitted other than those conducted under the direct supervision of the Kyneton Aero Club.
4. RWY 36 is preferred in nil-wind conditions.
5. Possible windshear on short final RWY 18.
6. All rotary wing ARR and DEP to and from a RWY only. Rotary wing hardstand adjacent to RWY 09/27 not to be used as ARR or DEP point. Helicopters to ARR and DEP from nominated RWY and hover taxi to or from the hardstand.
7. Rotary hardstand MAX helicopter weight limit of 8,000KG. Helicopters of any weight must not use the hardstand when adjacent hangar doors are open or ACFT parked in close proximity to hardstand.
8. Movements to or from the hardstand must be expeditious to minimise hover time. Low altitude manoeuvring over hangars, aprons or AD infrastructure prohibited. Pilots must minimise rotor wash effects on buildings, parked ACFT and personnel at all times.
9. Due to TWY weight limits, helicopter refuelling by tanker to take place in paddock N of line of N/S hangars.

FLIGHT PROCEDURES

1. Right hand circuits RQ when OPR RWY 18 and 27.
2. Circuit OPS before first light/after last light prohibited.
3. Minimum circuit height for ARR and DEP of visiting ACFT is 1,000FT AGL (2,650FT QNH).
4. No straight-in APCH permitted on RWY 36 at any time, all ARR on RWY 36 to conduct normal circuit procedures.

CTAF 119.0

NOISE ABATEMENT PROCEDURES

1. Subject to operational requirements, pilots are to adopt appropriate power settings for takeoff, circuits and landings to minimise noise levels.
2. Refer to website for detailed airfield and OPS INFO. All ACFT are REQ to make themselves familiar with the Fly Neighbourly Policy and, subject to operational and safety considerations, to comply with preferred circuit patterns.

ADDITIONAL INFORMATION

1. RWY 09/27 becomes unserviceable after heavy rain.
2. Conflict risk exists at intersection of RWY 09 and 18, particularly during take-offs, due to visual obstruction and RWY slopes.
3. Animal hazards exist.

CHARTS RELATED TO THE AERODROME

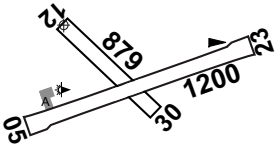
WAC 3469, 3470.

LAKE CARGELLIGO

ELEV 598

AVFAX CODE 2216

NSW UTC +10 YLCG
331642S 1462209E VAR 11 DEG E CERT
AD OPR Lachlan Shire Council, PO Box 216, Condobolin, NSW, 2877. PH 02 6895 4444.
ARO AH 0428 954 400.



PHYSICAL CHARACTERISTICS

05/23	052	39c	5700 kg/0.45 MPa White Gravel	WID 30	RWS 90
12/30	120	29c	Unrated. Grassed red clay	WID 23	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 05/23 LIRL(1) PAL+AA 119.65
(1) PAL+AA requires three three-second pulses to activate. PTT WI 24 SEC.
RWY 05/23 LIRL spacing: 90M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 134.65 2,500FT

CTAF 126.7

ADDITIONAL INFORMATION

Model ACFT OPS HJ 1.5NM S of ARP up to 400FT AGL.

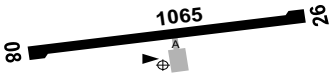
CHARTS RELATED TO THE AERODROME

WAC 3457.

LAKE EVELLA

ELEV 278

AVFAX CODE 8039



NT UTC +9:30 YLEV
122956S 1354821E VAR 3 DEG E CERT
AD OPR Gapuwiyak Community Inc, PMB 18, Nhulunbuy, NT, 0821. ARO 0407 864 404.

REMARKS

Overnight PRKG not AVBL, for EMERG PRKG CTC ARO.

PASSENGER FACILITIES

PT (150M FM AD).

AERODROME OBSTACLES

Tree 350FT AMSL BRG 086 DEG MAG 446M FM ARP. Infringes TNS by 9FT.

PHYSICAL CHARACTERISTICS

08/26	082	35a	Unrated. Sealed	WID 18	RWS 80

AERODROME AND APPROACH LIGHTING

RWY 08/26 PTBL(1)
(1) EMERG only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 123.4 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. ACFT to carry out 180DEG turns at RWY ends only.
2. ACFT to carry out MAX RAD turns on sealed surfaces.

Information may be continued on the next page: PTO

CTAF 127.15

ADDITIONAL INFORMATION

Animal hazard exists on the AD.

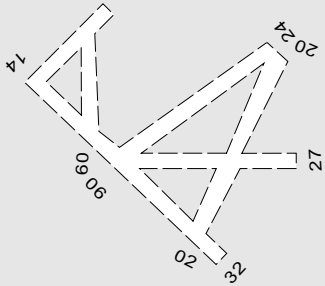
CHARTS RELATED TO THE AERODROME

WAC 3110.

LAKE KEEPIT

ELEV 1150

FULL NOTAM SERVICE NOT AVBL



NSW		UTC +10	YKEP
305324S	1503136E	VAR 11 DEG E	UNCR

AD OPR Lake Keepit Soaring Club, 234 Keepit Dam Rd, Keepit, NSW, 2340. Email: manager@keepitsoaring.com. PH 02 6769 7514. Website: www.keepitsoaring.com.

PASSENGER FACILITIES

Drinkable water/TX 02 6742 0069/AC

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	127.1

CTAF 132.25

ADDITIONAL INFORMATION

1. To maintain communications with other ACFT, please call 132.25 - callsign “Keepit Base”.
2. Kangaroo hazard exists.
3. Gliding OPS - Winch Launching.

CHARTS RELATED TO THE AERODROME

WAC 3357.

LAKE MACQUARIE AIRPORT

AVFAX CODE 2090

ELEV 5

FULL NOTAM SERVICE NOT AVBL



NSW		UTC +10	YLMQ
330358S	1513853E	VAR 13 DEG E	UNCR

AD OPR Lake Macquarie Airport Pty Ltd, PO Box 988, Warners Bay, NSW, 2282. Email: contact@lakemacquarieairport.com.au. ARO 0408 449 198 or 0458 301 366. Website: www.lakemacquarieairport.com.au.

REMARKS

1. PPR in writing to ARO.
2. Rescue HEL Service EMERG OPS take precedence. Response time 10MIN.
3. Airfield status subject to change without notice.
4. AD Charges and landing fee apply.

PHYSICAL CHARACTERISTICS

07/25 27c Unrated. Central 11 sealed. WID 18 RWS 90
Length 880M.
Displaced thresholds for landing due to possible obstructions - PPR.

OTHER LIGHTING

Runway lighting not available.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	125.7 On ground

LOCAL TRAFFIC REGULATIONS

Carriage and use of radio is required by AD OPR.

CTAF 132.1

NOISE ABATEMENT PROCEDURES

1. Noise sensitive area.
2. All ACFT required to be familiar with YLMQ procedure document on website.
3. Avoid all built up areas.
4. Avoid golf course to east.
5. No flight below 1,000FT AMSL.

ADDITIONAL INFORMATION

1. HEL OPS.
2. Frequent EMERG service OPS.
3. Microlight and gyrocopters operate from this AD. Gyrocopters may occupy RWY for longer than normal due to building up rotor speed.
4. PJE occur HJ on airfield from FL150, Pilots advised to monitor CTAF and BN CEN for DZ status.
5. Refer to YLMQ Westpac Rescue Helicopter for Helicopter Emergency Medical Service OPS.

CHARTS RELATED TO THE AERODROME

1. WAC 3456.
2. Also refer AIP Departure and Approach Procedures.

LAKELAND DOWNS

ELEV 935

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YLND
155009S	1445051E	VAR 6 DEG E	UNCR

AD OPR Cook Shire Council, PO Box 3, Cooktown, QLD, 4895.
Email: cooktownap@cook.qld.gov.au. PH 07 4069 5360. Mobile 0417 628 080.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	134.65

FLIGHT PROCEDURES

Right hand circuits operating on RWY 34 due to wind turbines located to the NW, as close as 2.3NM to a height of 700FT AGL.

CTAF 126.7

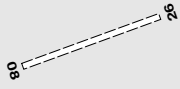
CHARTS RELATED TO THE AERODROME

WAC 3112.

LAKES ENTRANCE

ELEV 220

FULL NOTAM SERVICE NOT AVBL



VIC		UTC +10	YLKE
375108S	1475655E	VAR 13 DEG E	UNCR

AD OPR Victoria Helicopters Pty Ltd, PO Box 834 Bairnsdale, VIC, 3875.
Email: info@ylke.com.au. PH 0419 567 590. Website: https://ylke.com.au/.

REMARKS

1. PPR FM AD OPR via website.
2. LDG fees apply, refer to website.

PASSENGER FACILITIES

WC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	124.0 Circuit Area

Information may be continued on the next page: PTO

FLIGHT PROCEDURES
1. RWY 08 right hand CCTS.
2. Pilots are requested to avoid overflying residential buildings west of AD.
3. Preferred RWY 08 for TKOF and RWY 26 for LDG.

CTAF 126.7

ADDITIONAL INFORMATION
1. Animal hazard exists.
2. HEL OPS west end of AD.
3. Frequent coastal HEL OPS from Loch Sport to Lake Tyres between 500 and 1,500FT AMSL.
4. Caution: standing water or soft movement areas after rain.
5. Caution: YGRL (Great Lakes Airfield) ALA 2NM to the east.

CHARTS RELATED TO THE AERODROME
WAC 3470.

LAKESIDE AIRPARK
ELEV 175

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YLAK
204106S 1483730E VAR 8 DEG E UNCR

AD OPR Garry Poole, PO Box 3000, Caboolture, QLD, 4510. Email: office@cpd4510.com.
PH 0418 711 224.

REMARKS
1. PPR.
2. Daylight OPS only.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 135.5 On Ground

CTAF 126.7

ADDITIONAL INFORMATION
1. Phone or email for hazards/map file.
2. Feral animals some hours.
3. Wet weather shortens NE end.

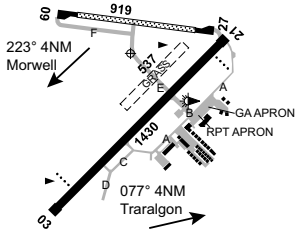
CHARTS RELATED TO THE AERODROME
WAC 3234, 3235.

LATROBE VALLEY
ELEV 180

AVFAX CODE 3050

VIC UTC +10 YLTV
381226S 1462813E VAR 13 DEG E CERT

AD OPR Latrobe Airport Community Asset Committee, PO Box 264, Morwell, VIC, 3840.
PH 03 5128 5777: 0409 436 287. ARO 0408 038 285. Fax 03 5128 5672.
Website: www.latrobe.vic.gov.au.



REMARKS

1. PPR for parking non-RPT ACFT ABV 5,700KG on sealed apron.
2. Helicopter Ambulance OPS H24.
3. LDG and ACFT PRKG fees apply. Fees are based on ACFT MTOW. For current fee schedule and payment information, visit: www.latrobe.vic.gov.au/city/the_region/latrobe_regional_airport/airport_operations

HANDLING SERVICES AND FACILITIES

Aerofuels - Latrobe Valley Aero Club: manned 2200-0730 UTC; AVBL H24. PH 03 5174 2591, 0408 038 285. AVGAS H24 card swipe bowser, V or MC. JET A1 bowser and tanker, 60 MIN PN, call out fees apply.
IOR Aviation Pty Ltd - JET A1, AVGAS 100LL and AVPULP H24 self-service bowser. Payment via aviation tag for account holders or via the Fuelcharge APP, PH 1300 457 467.

APRONS AND TAXIWAYS

1. ACFT ABV 5,700KG may only use central sealed TWY.
2. A 21.4M wingspan limit applies for ACFT using main apron parking position guideline when ACFT are parked on the GA apron parking positions adjoining the main apron. Pilots to exercise caution.
3. GA Apron PRKG not AVBL to ACFT ABV 12M wingspan.

AERODROME OBSTACLES

1. Lit TWR 470FT AMSL BRG 256 DEG MAG 4,375M FM ARP.
2. Chimneys:
   a. 375FT AGL BRG 312 DEG MAG 3,322M FM ARP.
   b. 374FT AGL BRG 315 DEG MAG 3,256M FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 03 8470 3211 - Report faults to BoM.
3. AWIS FREQ 128.2 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

03/21	032	47a	PCR 70/F/D/0.99 MPa/T Sealed.	WID 23	RWS 90
09/27	084	30c	5700 kg/0.45 MPa Gravel. 72(236) E end, 58(190) W end Sealed.	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 03/21	LIRL(1)	PAL 122.3		SDBY PWR AVBL
RWY 03/21	PAPI(2)	PAL 122.3	3.0 DEG32FT	

(1) PAL requires three one-second pulses to activate.
(2) Left side. PAL requires three one-second pulses to activate.
RWY edge light spacing: 03/21: 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: 5 SEC.
2. TWY LGT: Blue edge for centre TWY only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	124.0 On Ground
UNICOM	LATROBE VALLEY UNICOM	126.0 (1)

(1) 2300-0700 UTC DLY.

RADIO NAVIGATION AND LANDING AIDS

NDB	LTV	486	381209.1S	1462832.6E	Range 30 (HN 30)	(1)

(1) Pilot monitored - Range 15NM in segments 120 - 190 and 300 - 010.

LOCAL TRAFFIC REGULATIONS

RWY 03/21: due RWY levels ACFT may not be sighted on opposite RWY ends.

Information may be continued on the next page: PTO

FLIGHT PROCEDURES

1. Training flights conducting practice instrument approaches should add 1,000FT to all the ALT prescribed in the approach in order to reduce noise nuisance and interference with circuit traffic. Such flights should BCST their intentions including ALT limits of OPS when turning inbound. IMC flights should remain as high as practical when encountering VMC and join the circuit in the standard manner.
2. Night circuits not permitted - 1200-2000 UTC DLY (1HR earlier during HDS).
3. Grass RWY right hand CCTS when TKOF to south west.
4. Pilots are requested to avoid flying over, or in the vicinity of, power stations and other major industrial installations.

CTAF - AFRU 126.0

NOISE ABATEMENT PROCEDURES

Pilots are advised that the area BTN the AD and the highway to the S is particularly noise sensitive. Overflight should be avoided.

ADDITIONAL INFORMATION

1. Bird hazard exists.
2. Animal (kangaroos) hazard exists HN.
3. PJE OPS HJ JF overhead AD, limit midfield joins when PJE OPS in progress.

CHARTS RELATED TO THE AERODROME

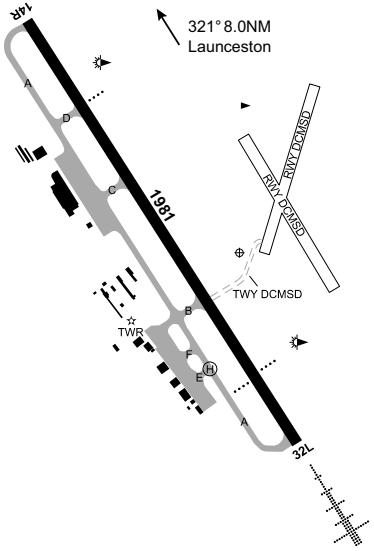
1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

LAUNCESTON — ELEV 562

AVFAX CODE 7002

TAS		UTC +10	YMLT
413243S	1471251E	VAR 15 DEG E	CERT

AD OPR Australia Pacific Airports (Launceston) Pty Ltd, trading as Launceston Airport, PO Box 117, Evandale, TAS, 7250. PH 0407 305 595 H24.



REMARKS

This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

MOBIL - Avtas Fuels Pty Ltd: 0130-2130 Local (subject to change in line with airline schedules). Phone 03 6391 8341, AH call-out fee applies with 1HR PN. AVGAS (tanker), JET A1 (tanker). ACFT not refuelled on unpaved areas.
AD earthing points not AVBL.

PASSENGER FACILITIES

WC/LG/RF/TX/HC.

RESCUE AND FIREFIGHTING SERVICES

CAT 7:

a. SUN-FRI 1955-1220 UTC.
b. SAT 1955-1035 UTC.

Note: All times 1 hour earlier HDS.

APRONS AND TAXIWAYS

1. GA areas of S apron and apron TWY limited to ACFT with wingspan less than 22M.
2. TWY B BTN TWY A and S apron not AVBL to ACFT larger than A320/B737-7 types.
3. TWY E limited to ACFT with MTOW of 50,000KG and wingspan less than 22M.

AERODROME OBSTACLES

1. Light on building 626FT AMSL BRG 295 DEG MAG 1,500M FM ARP infringes transitional SFC by 17FT.
2. Glide path aerial 593FT AMSL BRG 141 DEG MAG 441M FM ARP obstructs TNS by 10FT. Lit.
3. Unlit:
   a. Water tank 576FT AMSL BRG 153 DEG MAG 1,144M FM ARP infringes APCH SFC by 10FT.
   b. Railway bridge 554FT AMSL BRG 138 DEG MAG 825M FM ARP obstructs APCH SFC by 5FT.
   c. Cocked Hat Hill 737FT AMSL BRG 317 DEG MAG 3,445M FM ARP infringes APCH SFC by 33FT.
   d. Rod on building 635FT AMSL BRG 295 DEG MAG 1,503M FM ARP infringes TNS by 26FT.
   e. APN LGT 618FT AMSL BRG 277 DEG MAG 731M FM ARP infringes TNS by 8FT.
   f. APN LGT 619FT AMSL BRG 265 DEG MAG 577M FM ARP infringes TNS by 8FT.
   g. Near field monitor 578FT AMSL BRG 305 DEG MAG 1,514M FM ARP infringes APCH SFC by 4FT and TKOF by 2FT.
4. Power poles, unlit:
   a. 562FT AMSL BRG 153 DEG MAG 1,042M FM ARP infringes APCH SFC by 3FT.
   b. 584FT AMSL BRG 150 DEG MAG 1,386M FM ARP infringes APCH SFC by 2FT.
5. Trees:
   a. 555FT AMSL BRG 151 DEG MAG 965M FM ARP infringes APCH and TKOF SFC by 1FT.
   b. 560FT AMSL BRG 152 DEG MAG 1,008M FM ARP obstructs APCH SFC by 4FT.
   c. 583FT AMSL BRG 150 DEG MAG 1,345M FM ARP. Obstructs APCH SFC by 5FT.
   d. 591FT AMSL BRG 151 DEG MAG 1,456M FM ARP infringes TNS by 3FT.
   e. 594FT AMSL 158 DEG MAG 907M FM ARP infringes TNS by 32FT.
   f. 627FT AMSL BRG 294 DEG MAG 1,455M FM ARP infringes TNS by 13FT.
   g. 628FT AMSL BRG 295 DEG MAG 1,446M FM ARP infringes TNS by 26FT.
6. Bush:
   a. 555FT AMSL BRG 138 DEG MAG 831M FM ARP obstructs APCH SFC by 6FT.
   b. 716FT AMSL BRG 316 DEG MAG 3,417M FM ARP infringes APCH SFC by 16FT.
7. Fences, unlit:
   a. 580FT AMSL BRG 309 DEG MAG 1,535M FM ARP infringes APCH SFC by 4FT and TKOF SFC by 2 FT.
   b. 567FT AMSL BRG 310 DEG MAG 1,288M FM ARP infringes transitional SFC by 6FT.
   c. 568FT AMSL BRG 310 DEG MAG 1,318M FM ARP infringes APCH SFC by 6FT.
   d. 578FT AMSL BRG 300 DEG MAG 1,503M FM ARP infringes APCH SFC by 7FT.
   e. 554FT AMSL BRG 156 DEG MAG 898M FM ARP infringes APCH SFC by 5FT.

Information may be continued on the next page: PTO

8. Localiser, lit:
   a. 582FT AMSL BRG 305 DEG MAG 1,612M FM ARP infringes APCH SFC by 2FT.
   b. Localiser BLDG 583FT AMSL BRG 302 DEG MAG 1,630M FM ARP infringes APCH SFC by 2FT and TKOF by 1FT.
   c. Aerial 578FT AMSL BRG 305 DEG MAG 1,514M FM ARP infringes APCH SFC by 4FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, AD WRNG.
2. AWIS Phone 03 6283 8604 - Report faults to BoM.
3. AWIS FREQ 112.6 AVBL outside TWR HR - Report faults to BoM.
4. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM MWO 03 6221 2026.

PHYSICAL CHARACTERISTICS

14R/32L 133 65a PCR 420/F/D/X/T Grooved WID 45 RWS 150
W side VFR and IFR side transition infringed when ACFT parked on main apron.

AERODROME AND APPROACH LIGHTING

RWY 14R/32L	HIRL(1)	AFRU+PAL 118.7		SDBY PWR AVBL
RWY 14R/32L	MIRL(1)	AFRU+PAL 118.7		SDBY PWR AVBL
RWY 14R	PAPI(2)	AFRU+PAL 118.7	3.0 DEG53FT	SDBY PWR AVBL
RWY 32L	HIAL-CAT I(4)	AFRU+PAL 118.7		SDBY PWR AVBL
RWY 32L	PAPI(3)	AFRU+PAL 118.7	3.0 DEG53FT	SDBY PWR AVBL

(1) Operates on pre-set intensity during PAL OPS. HIRL preset dusk only, MIRL preset dark.
(2) Left side.
(3) Double sided.
(4) Operates on pre-set intensity during PAL OPS - stage 4 dusk, stage 2 dark.

1. **ALS type and length**
   a. RWY 32L - distance coded CL: 912M.
   b. White cross bar lights installed 155M, 309M, 464M, 616M and 745M FM THR. Spaced at 2.7M intervals.
   c. All lights in the RESA before THR are flush inset lights.
2. RWY edge light spacing: 14R/32L: 58M.
3. Outside TWR HR, RWY, PAPI and Approach lighting AVBL at preset levels.
4. AFRU+PAL 118.7 AVBL outside TWR HR.
5. Responsible person AVBL on CTAF outside TWR HR. Report PAL faults on CTAF or phone 0407 305 595, H24, and Melbourne Centre 123.8.

OTHER LIGHTING

ABN ALTN 8 WG

1. Secondary PWR switchover time: 1 SEC during LVP; 15 SEC other times.
2. TWY LGT: Green CL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	LAUNY CENTRE	(1)	123.8 On Ground
FIA	MELBOURNE CENTRE	(2)	123.8 On Ground
APP	LAUNY APPROACH	(3)	123.8
ATIS	LAUNY ATIS		112.6 (4) 134.75 (5)
TWR	LAUNY TOWER		118.7

(1) During APP HR
(2) Outside APP HR
(3) Automatic re-transmit when combined with HOBART APP
(4) During TWR and APP HR. Outside TWR and APP HR - AWIS
(5) H24 and by Phone 03 6391 6969

1. TWR and APP HR: 1950-1210 UTC DLY (1HR earlier during HDS).
2. Phone LT TWR: 03 6391 6992^. LT APP: 03 9235 2012^.
3. LAUNY TWR provide non-surveillance TWR CTL services within the YMLT Class D CTR, SFC to 1,500FT AMSL.

4. LAUNY APP provide surveillance APP CTL service within 30NM YMLT in Classes A, C, D and E airspace, SFC - FL245.
5. Outside TWR and APP HR, Class D and C airspace WI 36NM LT, SFC to 8,500FT AMSL becomes Class G.
   Note: TWR and APP may operate independently, hours or airspace responsibility may change at short notice. Check status of airspace with ATS, NOTAM or Launceston ATIS.

RADIO NAVIGATION AND LANDING AIDS

DME	ILT	109.5/ 32X (RWY32L)	413255.9S	1471259.3E		(3)
GP	ILT	332.6 (RWY32L)	413256.1S	1471259.0E		
ILS	ILT	109.5 (RWY32L)	413203.2S	1471206.0E		
LOC	ILT	109.5 (RWY32L)	413203.2S	1471206.0E		
DME	LT	112.6/ 73X	413237.7S	1471247.0E		(4)
NDB	LT	242	413339.8S	1471330.3E	Range 75 (HN 60) OW 150 (OW HN110)	(2)
VOR	LT	112.6	413237.8S	1471247.7E		(1)

(1) CAUTION: VOR 010 radial unreliable outside 30 NM at LSALT.
(2) 322/1.2 to ARP.
(3) Antenna ELEV 560FT.
(4) Antenna ELEV 566FT.

Outside TWR HR LOC, GP, VOR, DME, monitored by Melbourne Centre. All other aids pilot monitored. ILS not protected outside TWR HR.

LOCAL TRAFFIC REGULATIONS

1. **INSTRUMENT APPROACH TRAINING**
   a. Capacity for instrument APCH training at YMLT is limited and is subject to scheduled operations. Instrument APCH training availability can be found via www.bookawk.com.
   b. All aircraft planning practice instrument APCH (AVBL during APP HR only) must book a slot online at www.bookawk.com.
   c. Practice approaches to the non-duty runway may not be available or subject to extensive delays.
2. **CIRCUIT TRAINING**
   a. Circuit training availability can be found via www.tas.bookawk.com.
   b. All aircraft planning circuit training should book a slot online at www.tas.bookawk.com.
3. **CTR AIRWORK**
   All aircraft planning AWK other than circuit training or instrument approach training should coordinate via phone with Launceston Tower prior to operating.
4. **LAUNCESTON CTA SURVEY**
   a. Survey aircraft operating in CTA must book online via www.bookawk.com. If access to the booking page is not AVBL contact Shift Manager 1, Melbourne on 03 9235 2012 BTN 0700 and 2000 Local DLY.
   b. For survey flights, operators must email maps to: ml.sm1@airservicesaustralia.com and call Shift Manager 1, Melbourne on 03 9235 2012 to discuss their planned operations prior to becoming airborne each day.
5. ACFT parking:
   a. Main terminal APN: parking and security restrictions apply for non-RPT ACFT. Prior approval RQ FM AD OPR, H24
   b. Southern freight APN: ACFT ABV 5,700KG and itinerant ACFT in excess of 4HR duration or HN. Prior approval RQ FM AD OPR.

Information may be continued on the next page: PTO

FLIGHT PROCEDURES

1. **ATC TRAFFIC MANAGEMENT SPEED**
   ACFT ARR or DEP YMLT (including practice instrument APCH) must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.
2. **OUTSIDE TWR AND APP HR PROCEDURES**
   a. Melbourne Centre provides ATS in the Launceston Class A, C and E airspace ABV 8,500FT AMSL and Class E ABV 12,500FT AMSL within 30NM LT.
   b. Melbourne Centre provides Class G services 8,500FT AMSL and BLW within LT CTA steps.
   c. Departures:
      (i) Normal CTAF Procedures apply.
      (ii) Include RWY and preferred departure procedure (if IFR) with Taxi report to Melbourne Centre.
   d. Arrivals:
      (i) On first contact, advise Melbourne Centre of intended landing RWY and preferred approach (if IFR).
3. **LOW VIS TAKEOFFS**
   CASA approved operators, RWY 14R/32L is capable of supporting takeoffs with a RWY VIS of not less than 350M (within ATC hours).

CTAF - AFRU 118.7
Outside TWR HR.

NOISE ABATEMENT PROCEDURES

Noise Abatement Procedures (NAP) apply. Refer AIP DAP.

ADDITIONAL INFORMATION

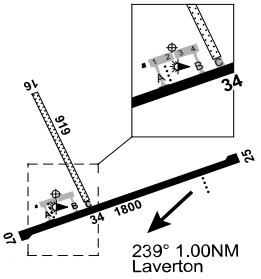
Bird hazard exists:
   a. Flocks of forest ravens prevalent on AD in the spring lambing season.
   b. Daylight and nocturnal hazard FM Masked Lapwing and Banded Lapwing on AD FM APR to the end of JUL.
   c. Flocks of common starlings prevalent on and around AD from MAY to the end of OCT.

CHARTS RELATED TO THE AERODROME

1. WAC 3556.
2. Also refer to AIP Departure and Approach Procedures.

LAVERTON — ELEV 1530

AVFAX CODE 6103



WA		UTC +8	YLTN
283649S	1222526E	VAR 1 DEG E	CERT

AD OPR Shire of Laverton, PO Box 42, Laverton, WA, 6440.
Email: cs@laverton.wa.gov.au. PH 08 9031 1202.
ARO H24 0497 525 544.

REMARKS

1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport.
3. Inspections are carried out JO, additional inspections are AVBL WI 60MIN PN. Charges may apply.

HANDLING SERVICES AND FACILITIES

JET A1 AVBL 1HR PN. PH ARO 24HR. Charges may apply JF and BTN 1700 and 0700 Local JO.

PASSENGER FACILITIES

PT/WC/Terminal

AERODROME OBSTACLES

Lit mast 180FT AGL, Mt. Crawford, BRG 325DEG MAG 2.5NM FM AD.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 08 6216 2622 - Report faults to BoM.
3. AWIS FREQ 134.75 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

07/25	068	59a	PCR 240/F/A/X/T Sealed.	WID 30	RWS 90
16/34	156	30c	5700 kg/0.74 MPa Natural surface	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 07/25	LIRL	PAL 121.3		SDBY PWR AVBL
RWY 07	PAPI(1)	PAL 121.3	3.0 DEG50FT	SDBY PWR AVBL
RWY 25	PAPI(1)	PAL 121.3	3.0 DEG48FT	SDBY PWR AVBL

(1) Left side.

RWY edge light spacing: 07/25: 60M.

OTHER LIGHTING

1. SDBY PWR manually activated, 60MIN prior notice required. PH ARO 24H.
2. TWY A LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	118.4 3500FT

LOCAL TRAFFIC REGULATIONS

1. ACFT to make 180 DEG turns on RWY at MAX RAD, MNM speed.
2. TWY B, Bay 3 and 4 not AVBL for night OPS. Bay 1A not AVBL for night arrivals.
3. PRKG Bay restrictions:
   a. Bay 1: Refuelling, passenger transfer and EMERG OPS only.
   b. Bay 2: Taxi out for F100/B463, Bay 1 required to be vacant.
   c. Bay 1 and 2 unavailable when Bay 1A is occupied.
   d. Bay 1A unavailable when Bay 1 and/or Bay 2 is occupied.
4. PRKG:
   a. Bay 1: E120, DH8A, DH8C, SW4, B190.
   b. Bay 2: E120, DH8A, DH8C, SW4, B190, B463, F100.
   c. Bay 3 and 4: E120, E190, DH8A-D, B190, B461, B463, F100.
   d. Bay 1A: E190, F100 - prior approval from ARO required.
   e. All aircraft parking on the APN for longer than 30MIN are required to park in Bay 2 unless alternate arrangements have been made with the AD MGR.
5. ACFT departing Bay 1A to use idle power after initiating taxi until ACFT is clear of the bay.

CTAF - AFRU 126.8

AFRU signal not AVBL on ground Laverton, Murrin Murrin or Sunrise Dam. AFRU located at Leonora.

CHARTS RELATED TO THE AERODROME

1. WAC 3352.
2. Also refer to AIP Departure and Approach Procedures.

LAWLERS

ELEV 1598

FULL NOTAM SERVICE NOT AVBL



WA UTC +8 YLAW

280523S 1203224E VAR 1 DEG E UNCR

AD OPR Agnew Gold Mining Company Pty Ltd, PMB 10, Leinster, WA, 6437. PH ADMIN 08 9088 3822 AD MNGR 08 9088 3844 AH: 0447 691 785 Email: peter.nicholls@goldfields.com.au. ARO 08 9088 4463 Email: lawmanager@goldfields.com.au. Fax 08 9088 3833.

REMARKS

Restricted OPS - PPR from AD OPR.

HANDLING SERVICES AND FACILITIES

JET A1 - Private installation. Contact AD Manager.

Information may be continued on the next page: PTO

AERODROME OBSTACLES

1. Unlit mast: 1,794FT, 350DEG M/2,025M from ARP.
2. Mast (Lit HN): 1,693FT, 291DEG M/1,939M FM ARP.

PHYSICAL CHARACTERISTICS

09/27 66c Unrated. Gravel. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 09/27 PTBL(1) BY PRIOR ARRANGEMENT

(1) EMERG only, 60MIN PN ARO.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 118.95 3,500FT

CTAF - AFRU 126.5

AFRU signal not AVBL on ground Lawlers.

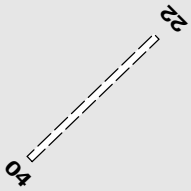
CHARTS RELATED TO THE AERODROME

WAC 3352.

LAWN HILL

ELEV 400

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YLAH

183435S 1383505E VAR 5 DEG E UNCR

AD OPR Lawn Hill Riversleigh Pastoral Holdings Company, PMB 34, Mount Isa, QLD, 4825. PH 07 4748 5583.

REMARKS

1. PPR
2. All TFC visiting Lawn Hill National Park must use Adels Grove airstrip

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.7 7500FT

CTAF 126.7

ADDITIONAL INFORMATION

Strip adjacent to homestead.

CHARTS RELATED TO THE AERODROME

WAC 3220.

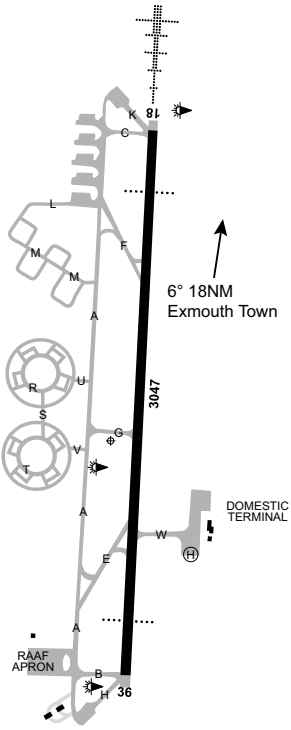
LEARMONTH

ELEV 19

AVFAX CODE 6805

WA		UTC +8	YPLM
221408S	1140519E	VAR 0 DEG E	MIL

AD OPR Department of Defence (Air Force Headquarters), Shire of Exmouth, PO Box 21, Exmouth or Maidstone Crescent, Exmouth, WA, 6707. PH 08 9949 3000: Fax 9949 3050.
ARO Civil AD OPR Duty ARO PH 08 9949 1326, Mobile 0407 494 419, Fax 08 9949 1840, Email: aro@exmouth.wa.gov.au.



REMARKS

1. MIL ACFT request 24HR PN JO. Support REQ is to be advised to RAAF Learmonth ABOC Phone 0429 450 662 or Email: lmo.abcp@defence.gov.au.
2. MIL International flights are not to plan to enter Australia through Learmonth without prior approval of Customs and AQIS.
3. Civil ACFT require 24HR PN. and a MOV REQ must be submitted to the Shire of Exmouth, Duty ARO. MOV request form is AVBL online: www.exmouth.wa.gov.au/aviation-services/learmonth-airport/pilot-information.aspx.
4. Civil Operators nominating Learmonth as an ALTN and INTL ALTN are to gain approval FM Air Force HQ through the ARO via formal request. INTL ALTN: Customs and AQIS PN. Refer General Planning Australia.
5. This AD is a security Controlled Airport.
6. AD Charges: All ACFT.
7. YPLM not to be used on AFTN.
8. Aircrew and Personnel airside access gate located at the northern end of terminal building. Access code can be obtained by contacting DUTY ARO.
9. Photography is prohibited (*Section 82* of the *Defence Act*).

Information may be continued on the next page: PTO

HANDLING SERVICES AND FACILITIES

RAAF Refueller: MIL movements only. Contact RAAF Learmonth Duty Mobile Phone 0429 450 662. Only F34 AVBL. LOX, nitrogen and lavatory services not AVBL. ACFT crew or SQN maintenance will be required to refuel ACFT as only tanker driver provided.
Civil Refueller: World Fuel Services, PH 08 9949 1590 or MOB 0417 955 167. AVGAS not AVBL. JET A1 - dedicated tanker truck. Normal HR 0700-1600 Local. AH fee applies. PN required. Replenishment supplies for transiting ACFT. LOX and LHOX not AVBL.
No dedicated de-fuelling capability. MIL operators requiring this service must provide 14 days PN to Pearce ABOC PH: 08 9571 7888.

APRONS AND TAXIWAYS

1. Strength/PCR:
   a. Domestic terminal PCR 440/A.
   b. RAAF APN PCR 440/A.
   c. TWY PCR 440/A.
2. Caution:
   a. TWY W WID 23M.
   b. GA APN AVBL to code B ACFT only.

SURFACE MOVEMENT GUIDANCE

HEL OPS restricted to concrete aprons.

AERODROME OBSTACLES

Various OBST infringing OLS. CTC AD OPR for details.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI.
2. AWIS Phone 08 6216 2623 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

18/36	184	100a	PCR 440/F/A/X/T 259M N end concrete, 228M S end concrete.	WID 45	RWS 150

RWY MAX shoulder WID 3.5M.

AERODROME AND APPROACH LIGHTING

RWY 18/36	HIRL(1)	AFRU+PAL 118.3		SDBY PWR AVBL
RWY 18/36	PAPI(1)	AFRU+PAL 118.3	3.0 DEG50FT	
RWY 18	HIAL-CAT I			

(1) PAL status confirmed on FREQ. PAL cycle 30 MIN with last 10 MIN indicated by IWI flashing continuously.

1. **ALS type and length**
   a. RWY 18 - distance coded CL: 900M.
2. LGT for Civil OPS AVBL on 60MIN PN through reporting agent.
3. RWY 18/36 edge light spacing: 60M.
4. RAAF Learmonth does not maintain an after hours person responsible for lighting availability or activation. Deployed or transiting ACFT can request this via a Combat Support Request (CSR) to 25SQN subject to operational availability. Civilian operators can refer to the Exmouth ARO for further information.
5. Possible 60 - 120 SEC switchover period during PWR outage for SDBY PWR.

OTHER LIGHTING

TWY LGT: Green CL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.9 On Ground
APP	LEARMONTH APPROACH	120.5 261.4
SMC	LEARMONTH GROUND	259.3
TWR	LEARMONTH TOWER	118.3 257.8

APP, TWR and Learmonth airspace activated by NOTAM.

RADIO NAVIGATION AND LANDING AIDS

DME	LM	112.4/ 71X	221405.4S	1140538.3E		(4)
NDB	LM	396	221429.5S	1140544.7E	Range 90 (HN 50)	(2)
VOR	LM	112.4	221405.4S	1140538.9E		(1)
TAC	LMO		221328.2S	1140532.8E		(3)

(1) 082/0.3 TO ARP. VOR UNREL in Sector B at 2300FT beyond 21NM. (Sector B inbound 016 degrees clockwise to 195 degrees).
(2) 318/0.4 to ARP.
(3) Portable FAC, ACT as REQ by MIL authorities. Channel assignment and ACT by NOTAM.
(4) Antenna ELEV 34FT. DME UNREL in Sector B at 2300FT beyond 23NM. (Sector B inbound 016 degrees clockwise to 195 degrees).

LOCAL TRAFFIC REGULATIONS

1. Civil ACFT not permitted to use TWY A BTN TWYs E, F or G. Civil ACFT ABV 100,000KG MTOW not permitted to use RWY for 180 turns, TWY turning loops must be used - TWYs E, A and B, or TWYs F, A and C or TWYs H or K.
2. **CIVIL APRON PARKING RESTRICTIONS**
   a. RPT apron not AVBL to ACFT ABV code 4C.
   b. Bays 1, 2 and 3 not AVBL for overnight PRKG without approval.
   c. Non-RPT ACFT code B and under, park on GA APN, 24HR PN with PPR.
   d. Helipads H1, H2 and H3 (N-S orientation) AVBL for HEL conducting offshore OPS. Heliport operated by Shire of Exmouth, phone 08 9949 1326 or 0407 494 419.
3. **GENERAL AVIATION REQUIREMENTS**
   a. Charter GA OPS PPR 24HR PN. ARO or Ground Handling Agent to be present.
   b. No GA OPS outside the HR of 0800-1600 Local, except Royal Flying Doctor Service (RFDS) FLT or by prior arrangement.
   c. GA and HEL OPR must be in possession of a current Airside Identification Card (ASIC) as this is a security controlled AD.
   d. HEL offshore OPS conducted in HJ only except for lifesaving MEDEVAC flights conducted in HN. Overnight PRKG may occur with ARO approval.
   e. Wake turbulence categories of HEL conducting offshore OPS:
      (i) Leonardo AW139 – Light.
      (ii) Leonardo AW189 – Medium.
      (iii) Sikorsky S-92A – Heavy.
   f. MIL personnel will not act on behalf of Shire for General Aviation or Charter.
   g. MIL TWY are restricted.
   h. MIL hardstands and parking areas are restricted.
4. TWY A (RWY 18R/36L) is marked and can be lit as Code 2 RWY with an LDA of 1,502M (4,927FT). Only AVBL for use as a RWY by ACFT unable to divert due fuel or with declared EMERG and when RWY 18/36 not AVBL.

FLIGHT PROCEDURES

1. **HELICOPTER OFFSHORE (AIR TRANSPORT) OPERATIONS**

1.1. For enhanced flight safety within local area and to de-conflict with fixed wing spotter planes and microlight gliders operating over Ningaloo Reef, HEL conducting offshore OPS will:
   a. Outbound: Fly IFR at A030, track LM DCT LM020026 (east of NW Cape and clear of R122 and R125A/B/C). HEL will then turn NW to descend towards rig/vessel.
   b. Inbound: Fly IFR at A040 from rig/vessel and track towards LM020026. HEL will then track 200° towards LM.
   c. Exception applies for in-flight emergency and lifesaving MEDEVAC flight where an expeditious return route via LM340020 for YPLM (clear of R125A/B/C) would be flown.

1.2. For offshore OPS to Scarborough Gas Field beyond local area, HEL will fly at standard IFR altitudes tracking the 340° radial from LM VOR (track variation to the west may apply). Route will remain clear of Exmouth Light Air Strip, R122 and R125A/B/C.

Information may be continued on the next page: PTO

2. **REMOTELY PILOTED AIRCRAFT SYSTEM (RPAS)**
   All RPAS requests and enquiries are to be sent to adf.airspace@defence.gov.au with at least 5 business days PN. OPS are subject to MIL OPS and may be restricted or cancelled at any time.
3. Due to sensitive instrumentation associated WI a solar observatory position 221309S 1140611E (BRG 042DEG MAG/1.2NM FM Learmonth ARP), ACFT are to avoid low level overflight of that site. Normal circuit height OPS permitted.

CTAF - AFRU 118.3

Except when Learmonth CTR and restricted areas are active.

NOISE ABATEMENT PROCEDURES

Due to MIL domestic areas position 221431S 1140459E (BRG 210DEG MAG/0.32NM FM Learmonth ARP) ACFT are not to overfly that area.

ADDITIONAL INFORMATION

1. Animal and increased bird hazard exists. Australian bustards WI RWS. Migratory birds around AD.
2. Weather balloon launch APRX 2315 and 1115 UTC FM 1KM E ARP. Launches may occur at other times.
3. Erosion WI RWY strip E side of RWY 18/36 N of TWY W.
4. Caution: Restraining link situated N side of TWY KILO 10FT square X 3FT deep with 230MM steel ring.

CHARTS RELATED TO THE AERODROME

1. WAC 3229.
2. MIL Aerodrome Obstruction Chart Type A: NOV 2024.
3. Also refer to AIP Departure and Approach Procedures.

LEGUNE STN

ELEV 85

FULL NOTAM SERVICE NOT AVBL

NT		UTC +9:30	YLGU
151255S	1292642E	VAR 2 DEG E	UNCR

AD OPR Legune Pastoral Company Partnership, c/o Legune Station, PMB 60, Katherine, NT, 0852. Email: legunestation@bigpond.com.au. PH 08 9168 7369. Fax 9168 7372.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.4 FL110

CTAF 126.7

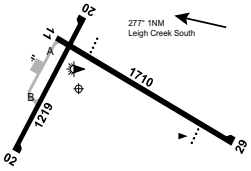
CHARTS RELATED TO THE AERODROME

WAC 3109.

LEIGH CREEK

ELEV 856

AVFAX CODE 5102



SA		UTC +9:30	YLEC
303554S	1382533E	VAR 7 DEG E	CERT

AD OPR Outback Communities Authority, PO Box 3326, Port Augusta, SA, 5700. PH 0499 422 439: 0488 752 175: 08 8648 5970.

REMARKS

AD Charges: All ACFT.

HANDLING SERVICES AND FACILITIES

Flying Fuels - AVGAS 100 and JET A1. 24HR credit card swipe bowsers. PH 0412 602 447.

PASSENGER FACILITIES

AC/RF/WC

AERODROME OBSTACLES

1. Unlit mast, 958FT, 300M SW of RWY 11 THR.
2. Lit terrain (by OBST LGT):
   a. 1,060FT AMSL PSN 303421.5S 1382404.3E. Infringes inner HZS by 59FT.
   b. 1,001FT AMSL PSN 303444.2S 1382424.7E.
   c. 1,345FT AMSL PSN 303527.4S 1382228.7E.
   d. 1,070FT AMSL PSN 303424.9S 1382305.4E.
   e. 1,594FT AMSL PSN 303757.3S 1382118.7E.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 08 8150 3807 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

02/20	023	40a	Unrated. Sealed	WID 18	RWS 90
11/29	114	56a	PCR 68/F/A/0.70 MPa/U Sealed	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 11/29	LIRL	PAL+AA 120.6		SDBY PWR AVBL
RWY 11/29	PAPI(1)	PAL+AA 120.6	3.0 DEG42FT	SDBY PWR AVBL

(1) Left side.

RWY edge light spacing: 11/29: 90M.

OTHER LIGHTING

ABN FLG 6 W

1. TWY LGT: Blue edge on A.
2. Automatic standby generator AVBL. Switchover time: 45 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 121.2 On Ground

RADIO NAVIGATION AND LANDING AIDS

NDB LEC 287 303555.4S 1382632.1E Range 150 (HN 85) (1)

(1) 125/1.6 to ARP.

FLIGHT PROCEDURES

1. Right Hand circuits RQ when OPR on RWY 02 and RWY 29.
2. RWY 02/20 - Night TKOF and LDG are not permitted.
3. Night VFR OPS approved under the FLW mandatory conditions:
   WX COND at the time must meet the night VMC requirements. Circuit ALT must not be less than 2,050FT. OPS under night VFR COND are only permitted on RWY 11/29. Circling and circuits must be kept WI 3NM of either THR. DEP ACFT must FLW the circuit direction and remain WI 3NM until reaching LSALT for the first TR. DEP ACFT must use full length of the RWY - INT DEP are not permitted for night OPS. ARR ACFT must MNTN LSALT until positively established WI 3NM and then descend to not less than 2,050FT until turning base for LDG. This base position must be kept WI 3NM of the THR.
4. RWY 11/29 - IFR CAT ACFT LDG HN are not to descend BLW 1,950FT unless established on PAPI, or on final approach.

CTAF 126.7

ADDITIONAL INFORMATION

Animal proof fence installed.

CHARTS RELATED TO THE AERODROME

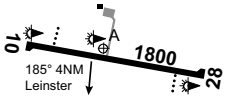
1. WAC 3355.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

LEINSTER

ELEV 1631

AVFAX CODE 6106



WA UTC +8 YLST
275036S 1204212E VAR 1 DEG E CERT
AD OPR BHP Nickel West Pty Ltd, LNO, PO Box 22, Leinster, WA, 6437.
Email: leinsteraerodrome@bhp.com. PH AD MGR 0450 031 931.
Email: joseph.buchanan@bhp.com. ARO PH 08 9026 5068:
0460 024 827 (H24).

REMARKS

1. AD Charges: All ACFT.
2. PPR for all OPS. CTC ARO via email.

HANDLING SERVICES AND FACILITIES

JET A1 by prior arrangement with BHP Nickel West, account required. CTC AD MGR to set up account. AD not manned H24. Contact ARO (H24) for refuelling.

PASSENGER FACILITIES

LG/RF/WC.

AERODROME OBSTACLES

1. Lit tower:
   a. Frame 1,871FT AMSL PSN 274855.42S 1204207.04E. Infringes inner HZS by 96FT.
   b. Stack 1,786FT AMSL PSN 274854.11S 1204154.72E. Infringes inner HZS by 11FT.
2. Unlit site (dump) 1,833FT AMSL PSN 274910.13S 1204235.77E. Infringes inner HZS by 59FT.
3. Unlit terrain:
   a. 1,797FT AMSL PSN 274829.72S 1204049.11E. Infringes COS by 9FT.
   b. 1,783FT AMSL PSN 274841.42S 1204112.79E. Infringes inner HZS by 8FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 08 6216 2624 - Report faults to BoM.
3. AWIS FREQ 124.0 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

10/28	099	59a	PCR 210/F/A/Y/T Sealed	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 10/28	LIRL(1)	PAL+AA 119.6		SDBY PWR AVBL
RWY 10	PAPI(2)	PAL+AA 119.6	3.0 DEG44FT	SDBY PWR AVBL
RWY 28	PAPI(2)	PAL+AA 119.6	3.0 DEG43FT	SDBY PWR AVBL

(1) HN
(2) Left side.

OTHER LIGHTING

1. SDBY PWR switchover time: 8 SEC. Automatic activation.
2. TWY LGT: Blue edge.
3. TWY holding point LGT: 2 x yellow.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	118.95 Circuit Area

RADIO NAVIGATION AND LANDING AIDS

NDB	LST	230	275026.3S	1204201.0E	Range 70 (HN 70)	(1)

(1) Pilot monitored.

LOCAL TRAFFIC REGULATIONS

1. All ACFT performing 180 DEG turns on RWY must be at MNM speed and MAX RAD WI the RWY turning nodes.
2. ACFT must be at taxiing speed when turning into and out of TWY/RWY.
3. ACFT must follow lead in lines:
   a. DH8D/E190/F100 - Use lead in/out line A.
   b. B190/DH8C/F70/PC24/SW4 - Use lead in/out line B.
4. Refuelling only AVBL on Bay 1.

FLIGHT PROCEDURES
Right hand circuits required RWY 10.

CTAF - AFRU 126.5

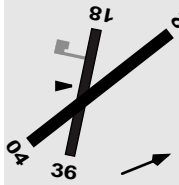
ADDITIONAL INFORMATION
1. Blasting occurs at Harmony Pit (BRG 350 DEG MAG 4.09NM FM ARP) and Camelot Pit (BRG 343 DEG MAG 9.56NM FM ARP). Pilots are requested to avoid overflying these mining sites.
2. Increased bird activity post rainfall events (typically between January and June). NOTAM will be issued during periods of increased wildlife.

CHARTS RELATED TO THE AERODROME
1. WAC 3345.
2. Also refer to AIP Departure and Approach Procedures.

LEONGATHA

ELEV 263

FULL NOTAM SERVICE NOT AVBL



068° 3.5NM
Leongatha

VIC UTC +10 YLEG
382944S 1455135E VAR 13 DEG E UNCR
AD OPR Leongatha Aerodrome Users Pty Ltd, PO Box 310, Leongatha, VIC, 3953. PH 03 5664 3288: 0408 515 475.

REMARKS
1. AD Charges: $10/engine.
2. PPR for visiting ACFT

HANDLING SERVICES AND FACILITIES
Fuel supplied by IOR Aviation Pty Ltd. JET A1 and AVGAS AVBL H24 self-serve bowsers. Payment method via IOR Aviation tag for account holders or via the Fuelcharge APP. PH 1300 457 467.

PASSENGER FACILITIES
WC

PHYSICAL CHARACTERISTICS

04/22	30a	5700 kg/0.45 MPa Sealed. RWY LEN 924M.	WID 18	RWS 90
18/36	22a	5700 kg/0.45 MPa Sealed. RWY LEN 669M.	WID 18	RWS 90

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	123.35 Circuit Area

FLIGHT PROCEDURES
1. Right hand circuits RQ when OPR on RWY 04 and RWY 36.
2. OPS to N of AD to be by day and VMC only.

CTAF 127.55

ADDITIONAL INFORMATION
1. Gliding OPS HJ. Gliders OPR WI RWS. Wire launching.
2. Intensive low level agricultural training within 5NM RAD.

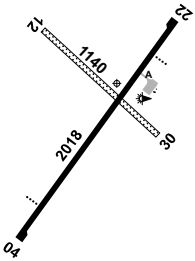
CHARTS RELATED TO THE AERODROME
WAC 3470.

Information may be continued on the next page: PTO

LEONORA

ELEV 1217

AVFAX CODE 6102



WA UTC +8 YLEO
285241S 1211853E VAR 1 DEG E CERT
AD OPR Shire of Leonora, PO Box 56, Leonora, WA, 6438.
PH 08 9037 6044. Mobile 0428 376 154. Fax 08 9037 6295.

REMARKS

1. AD Charges all ACFT above 5,700KG.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

AIR BP: H24 JET A1 Card bowser. AVGAS AVBL. PN. PH 08 9037 6044 or 0428 376 154. Cash, EFTPOS or credit card.

AERODROME OBSTACLES

1. Lit Silo 1,036M Bearing 059 DEG MAG FM ARP. Height 1,353FT.
2. Unlit mast 1,321M Bearing 113 DEG MAG FM ARP. Height 1,336FT.
3. Unlit Hill 4,000M Bearing 144 DEG MAG FM ARP. Height 1,464FT.
4. RWY 04/22 transitional SFC may be infringed by ACFT parked on APN.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 08 6216 2625 - Report faults to BoM.
3. AWIS FREQ 124.75 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

04/22	036	66a	PCR 210/F/A/1.00 MPa/U Sealed	WID 30	RWS 150
12/30	132	37c	5700 kg/0.74 MPa Gravel	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 04/22	LIRL	AFRU+PAL 126.8		SDBY PWR AVBL
RWY 04	PAPI(1)	AFRU+PAL 126.8	3.0 DEG45.4FT	SDBY PWR AVBL
RWY 22	PAPI(1)	AFRU+PAL 126.8	3.0 DEG45.7FT	SDBY PWR AVBL

(1) Left side.
RWY edge light spacing: 04/22: 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: 30 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 118.4 On Ground

RADIO NAVIGATION AND LANDING AIDS

NDB LEO 377 285243.9S 1211913.0E Range 80 (HN 70)

LOCAL TRAFFIC REGULATIONS

1. All ACFT - Turns on RWY or at turning nodes must be MNM speed MAX RAD.
2. ACFT ABV 5,700KG must use full length and turning nodes.
3. Parking on Bay 1 and 2 AVBL to all ACFT H24.

CTAF - AFRU 126.8

AFRU signal not AVBL on ground Laverton, Murrin Murrin or Sunrise Dam. AFRU located at Leonora.

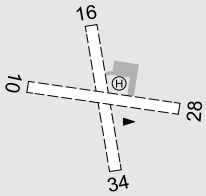
CHARTS RELATED TO THE AERODROME

1. WAC 3352.
2. Also refer to AIP Departure and Approach Procedures.

LETHBRIDGE AIRPORT

ELEV 790

FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YLED
375508S 1440604E VAR 12 DEG E UNCR
AD OPR G & T Baum, 3429 Midland Highway, Lethbridge, VIC, 3332.
PH 0456 688 468. Website: www.lethbridgeairport.com.au.

REMARKS

1. PPR FM AD OPR.
2. Landing and parking fees apply for all ACFT. See website.

HANDLING SERVICES AND FACILITIES

AVGAS, MOGAS, JET A1. Credit Cards Swipe Bowsers only. CTC AD OPR.

PASSENGER FACILITIES

WC/Refreshments

PHYSICAL CHARACTERISTICS

10/28	39a	5700 kg Unrated. Sealed. RWY LEN 1,200M.	WID 18	RWS 60
16/34	33c	5700 kg Unrated. Grass. RWY LEN 1,000M. Unusable in wet conditions. Slope level.	WID 18	RWS 60

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	126.8

LOCAL TRAFFIC REGULATIONS

1. No intersection DEP allowed - use full RWY length.
2. In nil wind conditions preferred RWY 28.

FLIGHT PROCEDURES

Circuit HGT is 1,000FT AGL. No 500FT circuit AVBL.

CTAF 127.65

NOISE ABATEMENT PROCEDURES

1. Avoid flights over houses within 1KM of airfield.
2. Avoid overflying Lethbridge township at less than 2,500FT AMSL.
3. To assist with noise minimisation, pilots are encouraged to climb to altitude as quickly as possible after take-off and if possible operate at a reduced engine rotations per minute within the circuit area.
4. Fly friendly policy in effect - refer website for more information.

ADDITIONAL INFORMATION

Animal hazard may exist.

CHARTS RELATED TO THE AERODROME

WAC 3469, 3470.

Information may be continued on the next page: PTO

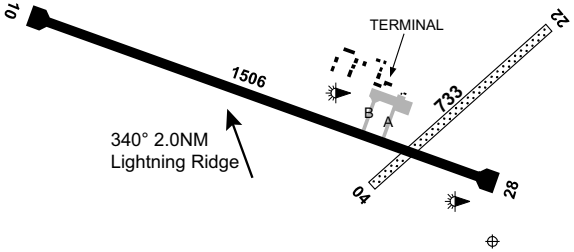
LIGHTNING RIDGE

ELEV 540

AVFAX CODE 2220

NSW		UTC +10	YLRD
292724S	1475904E	VAR 10 DEG E	CERT

AD OPR Walgett Shire Council, PO Box 31, Walgett, NSW, 2832. PH 02 6828 6100. Mobile AH 0417 691 740.



HANDLING SERVICES AND FACILITIES

Skyfuel: JET A1. 24H self serve pump operated by Skyfuel Card, Visa, MC. PH: 0418 862 100.

AERODROME OBSTACLES

1. Unlit:
   a. Fence 523FT AMSL BRG 012 DEG MAG 771M FM ARP.
   b. Pole 535FT AMSL BRG 293 DEG MAG 1,033M FM ARP.
2. Trees:
   a. 541FT AMSL PSN 292657.5S 1475912.8E.
   b. 543FT AMSL PSN 292700.2S 1475916.9E.
   c. 547FT AMSL PSN 292656.2S 1475913.7E.
   d. 544FT AMSL PSN 292700.7S 1475916.3E.
   e. 537FT AMSL PSN 292657.6S 1475912.4E.
   f. 540FT AMSL PSN 292656.8S 1475913.5E.
   g. 558FT AMSL PSN 292707.9S 1475822.0E.
   h. 550FT AMSL PSN 292703.7S 1475827.6E.
   i. 553FT AMSL PSN 292711.1S 1475830.2E.
   j. 553FT AMSL PSN 292711.8S 1475832.8E.
   k. 563FT AMSL PSN 292714.5S 1475841.1E.
   l. 550FT AMSL PSN 292710.1S 1475828.8E.
   m. 555FT AMSL PSN 292708.0S 1475841.8E.
   n. 559FT AMSL PSN 292715.1S 1475844.3E.

PHYSICAL CHARACTERISTICS

04/22	037	24c	5700 kg/0.65 MPa Brown gravel.	WID 30	RWS 90
10/28	099	49a	5700 kg/0.65 MPa Sealed.	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 10/28 LIRL PAL+AA 121.3

RWY edge light spacing: 10/28: 60M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 127.1 3000FT

CTAF 126.7

ADDITIONAL INFORMATION

1. Mining claim posts 0.5NM from THR 22.
2. Caution: animal and bird life may be present.

CHARTS RELATED TO THE AERODROME

1. WAC 3356.
2. Also refer AIP Departure and Approach Procedures.

LILYDALE

ELEV 242

FULL NOTAM SERVICE NOT AVBL

18
36

VIC UTC +10 YLIL
374131S 1452159E VAR 12 DEG E UNCR
AD OPR Lilydale Airfield Pty Ltd, PO Box 525, Lilydale, VIC, 3140. PH 03 9739 1211: EMERG only 0418 324 010. Fax 9739 1019.

REMARKS

PPR from AD OPR

HANDLING SERVICES AND FACILITIES

Lilydale Flying School: 2300-0700 UTC. AVGAS, O117, O125. MC, V.

PHYSICAL CHARACTERISTICS

18/36

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 135.7 Circuit area

LOCAL TRAFFIC REGULATIONS

RWY 18 TKOF maintain RWY HDG until Power Transmission Lines.

FLIGHT PROCEDURES

1. Daylight Operations all circuits to the WEST.
2. Night Operations all circuits to the EAST.

CTAF - AFRU 119.1

ADDITIONAL INFORMATION

1. Coldstream AD APRX 3NM to SE.
2. Hills to W of ALA.
3. PJE OPS take place at ALA. Drop zone to the immediate E of RWYs. Contact AD OPR for additional information. No midfield crosswind joins.

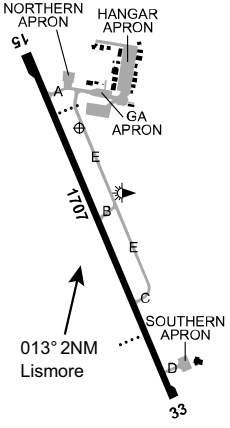
CHARTS RELATED TO THE AERODROME

WAC 3469, 3470.

LISMORE

ELEV 35

AVFAX CODE 2087



NSW UTC +10 YLIS
284936S 1531527E VAR 12 DEG E CERT
AD OPR Lismore City Council, PO Box 23A, Lismore, NSW, 2480. Email: council@lismore.nsw.gov.au. PH H24 02 6625 0500 or 0409 078 338. Website: www.lismore.nsw.gov.au.

REMARKS

1. AD Charges. Landing, touch and go, stop and go, missed approach, and parking fees apply to all non scheduled ATO. Refer to website.
2. This AD is a Security Controlled Airport.
3. Terminal closed outside of scheduled ATO movements.
4. Non scheduled ATO ACFT require prior permission to use the Southern APN.

HANDLING SERVICES AND FACILITIES

BP - Air BP Lismore (John Habib): 2200-0700 UTC DLY, BH 1HR PN, AH PN. Phone 02 6621 6940 or 0412 666 902. AH call-out fee applies. AVGAS, H24 Cardswipe AVGAS bowser - Air BP card only.
World Fuel Services and Lismore JET A1 airport and off-airport JET A1 refuelling and deliveries in the Northern Rivers Region AVBL with 1HR PN. H24 World Fuel Services AVGAS bowser WFS carnet card and CC (via smart-phone app) PH 0422 441 277.

Information may be continued on the next page: PTO

PASSENGER FACILITIES

TX (131 008)/LG/RF/WC.
Note: TX/LG/WC and RF AVBL at terminal at Southern end, WC at N end.

APRONS AND TAXIWAYS

1. Unsealed pavement not AVBL to ACFT ABV 3,500KG MTOW.
2. TWY A and GA APN not AVBL to ACFT above 8,000KG.
3. Hangar APN not AVBL to ACFT above 3,500KG.
4. North eastern corner of Northern APN designated for B350/C560 or similar.
5. Engine runs to be performed in the south eastern corner of the Northern APN.

AERODROME OBSTACLES

1. Towers (lit):
   a. LIOL, 495FT AMSL PSN 284749.9S 1531540.2E.
   b. LIOL, 489FT AMSL PSN 284748.0S 1531543.3E.
   c. LIOL, 392FT AMSL PSN 284909.3S 1531634.3E.
   d. LIOL, 814FT AMSL PSN 284921.6S 1531903.0E.
   e. LIOL, 740FT AMSL PSN 285124.1S 1531342.6E.
2. Power poles (lit):
   a. LIOL, 64FT AMSL PSN 284909.8S 1531515.6E.
   b. LIOL, 92FT AMSL PSN 285053.1S 1531456.0E.
   c. LIOL, 156FT AMSL PSN 284945.2S 1531404.8E.
   d. Flashing MIOL, 395FT AMSL PSN 284919.4S 1531444.3E.
3. Water reservoirs (lit):
   a. LIOL, 542FT AMSL PSN 284946.6S 1531640.3E.
   b. LIOL, 250FT AMSL PSN 285118.9S 1531525.0E.
4. Towers (unlit):
   a. 335FT AMSL BRG 039 DEG MAG 4,309M FM ARP.
   b. Multiple towers BRG 209 DEG MAG 4,370-4,422M FM ARP.
5. Power poles (unlit):
   a. 60FT AMSL PSN 285021.6S 1531540.8E. Infringes TNS by 9FT AMSL and SID SFC by 6FT AMSL.
   b. 64FT AMSL PSN 285022.4S 1531541.1E. Infringes TNS by 12FT AMSL and SID SFC by 7FT AMSL.
   c. 80FT AMSL PSN 284911.7S 1531520.4E. Infringes SID SFC by 1FT AMSL.
   d. 141FT AMSL PSN 284908.3S 1531457.0E. Infringes SID SFC by 33FT AMSL.
6. Multiple power poles WI an arc:
   a. BRG 088-100 DEG MAG 1,610-2,524M FM ARP. Infringes HZS by 310FT AMSL.
   b. BRG 217-227 DEG MAG 3,601-3,930M FM ARP. Infringes inner HZS by 386FT AMSL.
   c. BRG 224-235 DEG MAG 2,021-2,283M FM ARP. Infringes inner HZS by 155FT AMSL.
7. Multiple trees WI an arc:
   a. BRG 157-159 DEG MAG 1,150M FM ARP. Infringes the TNS by 19FT AMSL.
   b. BRG 084-087 DEG MAG 1,183-1,912M FM ARP. Infringes inner HZS by 353FT AMSL.
8. Multiple trees and power poles WI an arc BRG 169-298 DEG MAG 1,240-4,540M FM ARP. Infringes inner HZS by 462FT AMSL.
9. Tree:
   a. 240FT AMSL PSN 285207.2S 1531635.3E. Infringes inner HZS by 61FT AMSL.
   b. 78FT AMSL PSN 285031.0S 1531541.8E. Infringes SID SFC by 8FT AMSL.
   c. 83FT AMSL PSN 285026.4S 1531540.8E. Infringes SID SFC by 18FT AMSL.
   d. 87FT AMSL PSN 285026.7S 1531539.9E. Infringes SID SFC by 22FT AMSL.
   e. 98FT AMSL PSN 285022.5S 1531554.2E. Infringes SID SFC by 30FT AMSL.
   f. 153FT AMSL PSN 284904.6S 1531454.3E. Infringes SID SFC by 38FT AMSL.
10. Vehicles WI an arc BRG 145-156 DEG MAG 1,448M-1,692M FM ARP. Infringes TKOF SFC by 1FT AMSL.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 02 9353 6431 - Report faults to BoM.
3. AWIS FREQ 128.05 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

15/33 145 56a PCR 300/F/D/Y/T WID 30 RWS 150

1. Horizontal SFC significantly infringed; caution night circling.
2. Side transitions infringed.

AERODROME AND APPROACH LIGHTING

RWY 15/33	LIRL	AFRU+PAL 132.45		SDBY PWR AVBL
RWY 15/33	PAPI(1)	AFRU+PAL 132.45	3.0 DEG40FT	SDBY PWR AVBL
RWY 15/33	RTIL	AFRU+PAL 132.45		SDBY PWR AVBL

(1) Left side.

1. RWY edge light spacing: 15/33: 58M.
2. PAL only operates PAPI and RTIL HJ.

OTHER LIGHTING

1. TWY LGT: Blue edge.
2. 1 MIOL, 9 LIOL.
3. SDBY PWR switchover time: 15 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.3 On Ground

LOCAL TRAFFIC REGULATIONS

1. All ACFT movements restricted to designated RWY, TWY and APN only.
2. Southern APN parking restriction: If Bay 2A is occupied, Bays 1 and 2 N/A. If Bays 1 or 2 occupied, Bay 2A N/A.

CTAF - AFRU 132.45

NOISE ABATEMENT PROCEDURES

1. A farm located approximately 900M FM the DEP end of RWY 15 and slightly left of the extended centreline is a noise-sensitive area. Pilots should avoid turning over this location and, if possible, maintain RWY HDG until clear.
2. Fly neighbourly guidance in effect, document AVBL FM website.

ADDITIONAL INFORMATION

1. Wildlife hazard may exist. NOTAM will be issued in times of increased wildlife activity.
2. Model ACFT OPR WI 500M RAD of PSN 285030.00S 1531742.00E BRG 103 MAG 2.2NM FM ARP SFC to 1,000FT AGL.

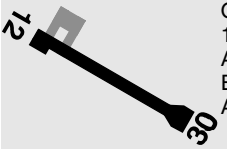
CHARTS RELATED TO THE AERODROME

1. WAC 3357.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

LIZARD ISLAND

ELEV 70
FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YLZI
144022S 1452715E VAR 6 DEG E UNCR
AD OPR Lizard Island Resort Pty Ltd, PO Box 40, Cairns, QLD, 4870.
Email: lzrreception@delawarenorth.com. PH 07 4043 1999.
ARO 4043 1970. Fax 4060 3991.

REMARKS

1. Landing and parking fees apply to charter ACFT except those carrying resort guests.
2. Restricted OPS: PPR FM AD OPR.

AERODROME OBSTACLES

1. RWY 12/30 TNS infringed by trees on both side of the RWY.
2. Inner HZS infringed by terrain to the N and S of AD. OBST lighting not provided.

PHYSICAL CHARACTERISTICS

12/30 30 Unrated. Sealed. RWY LEN 926M. Graded 40M. WID 15 RWS 50
RWY 12/30 SOT commences at RWS end.

AERODROME AND APPROACH LIGHTING

RWY 12/30 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG only. 1 HR PN.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 134.65 3500FT

FLIGHT PROCEDURES

Right hand circuits REQ when OPR RWY 12.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3112.

LOCKHART

ELEV 528
FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YLKT
351218S 1464344E VAR 12 DEG E UNCR
AD OPR Lockhart Airstrip Management Committee, 672 French Park-Bullenbung Rd, The Rock, NSW, 2655. Email: rscarn@bigpond.com. Mobile 0427 206 254.

PHYSICAL CHARACTERISTICS

06/24 39c Unrated. Grass. RWY LEN 1,200M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 118.6

CTAF 126.7

ADDITIONAL INFORMATION

Caution: Animal Hazard exists.

CHARTS RELATED TO THE AERODROME

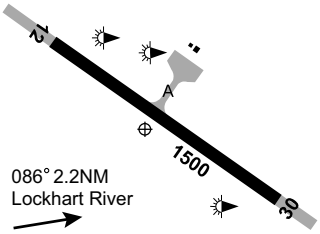
WAC 3457.

LOCKHART RIVER

ELEV 77

AVFAX CODE 4505

QLD UTC +10 YLHR
124713S 1431817E VAR 5 DEG E CERT
AD OPR Lockhart River Aerodrome Company Pty Ltd, C/O Post Office, Lockhart River, QLD, 4892.
Email: administration@lhrac.com.au. PH 07 4060 7121. ARO 0427 574 333 (H24).
Fax 07 4060 7103.



REMARKS

1. AD Charges: BLW 2,000KG - $55.00 MNM, ABV 2,000KG additional $30.00/1,000KG.
2. AD is locked AH and weekends. Prior notice to ARO required for access.
3. Alcohol is restricted in Lockhart River Shire. Heavy penalties apply. Special provisions apply for alcohol being transported on consignment, and restrictions may vary from time to time. For latest information visit: https://www.qld.gov.au/firstnations/community-alcohol-restrictions/remote-discrete-communities and/or call 1300 789 000.

HANDLING SERVICES AND FACILITIES

0700-1700 Local MON-FRI, Phone: ARO for AH refuelling, call-out fees apply:
MON-SAT $240.46 (including GST), SUN and PH $320.65 (including GST).
JET A1 and AVGAS 100 AVBL. JET A1 pressure refuelling AVBL and EFTPOS facilities.

PASSENGER FACILITIES

PT (in community)/WC. Telstra mobile coverage AVBL.

AERODROME OBSTACLES

Lit Telstra TWR 556FT AMSL, 87 DEG MAG 2.7NM FM ARP. Infringes COS by 233FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 07 3564 3722 - Report faults to BoM.
3. AWIS FREQ 133.30 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

12/30 120 49a Unrated. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 12/30 LIRL AFRU+PAL 126.7 SDBY PWR AVBL
RWY edge light spacing: 12/30: 60M.

OTHER LIGHTING

1. SDBY PWR switchover time: 30 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.1 4500FT

RADIO NAVIGATION AND LANDING AIDS

NDB LHR 392 124718.9S 1431813.5E Range 30 (HN 30) OW 40 (OW HN40) (1)
(1) FLUC of plus or minus 30DEG can be expected at 8NM in sector 300 MAG to 325 MAG.

LOCAL TRAFFIC REGULATIONS

Mid RWY turns not AVBL for ARR or DEP ACFT, turns must be made at THR nodes only. Roll through required EXC for TWY entry or exits.

Information may be continued on the next page: PTO

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Bird activity in vicinity of AD.

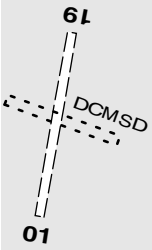
CHARTS RELATED TO THE AERODROME

1. WAC 3112.
2. Also refer to AIP Departures and Approach Procedures.

LOCKSLEY FIELD

ELEV 540

FULL NOTAM SERVICE NOT AVBL



VIC			UTC +10	YLCS
364854S		1452054E	VAR 12 DEG E	UNCR

AD OPR Secure Air Flight Training Pty Ltd, PO Box 6943, Shepparton, VIC, 3632. PH 03 5798 5512.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.4 Circuit Area

CTAF 121.1

ADDITIONAL INFORMATION

Locksley is in close proximity Mangalore aerodrome. All launch vehicles and ACFT must communicate on CTAF.

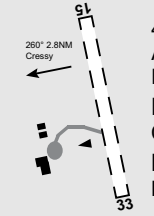
CHARTS RELATED TO THE AERODROME

WAC 3469, 3470.

LONGDOWN

ELEV 521

FULL NOTAM SERVICE NOT AVBL



TAS			UTC +10	YLGD
414128S		1470836E	VAR 15 DEG E	UNCR

AD OPR Panshanger Estate, PO Box 269, Longford, TAS, 7301.
Email: geomills@bigpond.com. PH 03 6397 6500 (H24). Mobile 0427 976 500.

REMARKS

CTC AD OPR (MOB) prior to landing to confirm conditions.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL, except by special arrangement.

PASSENGER FACILITIES

WC and water AVBL. Vehicle access by arrangement only.

AERODROME OBSTACLES

Unlit mast 358 DEG 1.2NM FM AD. 130FT AGL.

PHYSICAL CHARACTERISTICS

15/33	34c	Unrated. Grass. RWY LEN 1,050M. Slope level with slight depressions each end.		WID 45	RWS 50

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	LAUNY CENTRE	(2)	123.8
UNICOM	LONGDOWN UNICOM		126.7 (1)

(1) When AVBL.
(2) Outside LT TWR and APP HR ML CENTRE.

LOCAL TRAFFIC REGULATIONS

1. PRKG in front of residence unless directed otherwise.
2. Remain on centre of TWY and RWY if wet.

FLIGHT PROCEDURES

Right hand CCTS on RWY 33.

CTAF 126.7

ADDITIONAL INFORMATION

1. AD in close proximity to YMLT CTR, check CTR boundary.
2. Caution: Turbulence FM trees at N and S RWY ends.
3. Bird, machinery and livestock hazards exist.

CHARTS RELATED TO THE AERODROME

WAC 3556.

LONGFORD HELIPORT — ELEV 171

AVFAX CODE 3049 — **FULL NOTAM SERVICE NOT AVBL**

VIC		UTC +10	YUOF
381311S	1471008E	VAR 13 DEG E	UNCR

AD OPR ESSO Australia Pty Ltd., Garretts Road, Longford, VIC, 3851. PH 03 5143 4200.

REMARKS

1. ESSO Helicopter Operations only permitted at Longford Heliport and associated off-shore facilities.
2. The Longford HLS and off-shore facilities are part of the Bass Strait Maritime Security Zone.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	124.0 Circuit Area
UNICOM	LONGFORD	129.75

FLIGHT PROCEDURES

1. Nil overflight of:
   a. Longford Gas Plant - South of Runway and Apron complex.
   b. Alinta Gas - 3NM N of heliport.
2. **Transiting Aircraft**
   VFR traffic transiting the vicinity or along East Sale VFR Route 3 may contact Longford Operations, Callsign “Longford” on Bass Strait Broadcast Area Frequency 129.75 for update on company traffic.

CTAF - AFRU 118.3

CTAF procedures apply outside R360 HR of ACT.
AFRU located at East Sale, response may not be heard on ground at Longford.

ADDITIONAL INFORMATION

1. **Caution:** Frequent HEL movements across the coast en route BTN Longford and oil rigs: CTAF 129.75.
2. **Associated ESSO off-shore facilities:**

Barracouta	YUTA	381748S	1474034E	Cobia	YUBX	382659S	1481833E
Whiting	YUWH	381424S	1475226E	Mackerel	YUKL	382846S	1482034E
Snapper	YUSN	381139S	1480132E	Kingfish B	YUFB	383550S	1481117E
Marlin	YUPX	381350S	1481315E	Kingfish A	YUFA	383548S	1480841E
Tuna	YUNA	381012S	1482510E	West Kingfish	YUFW	383536S	1480620E
West Tuna	YUNW	381133S	1482319E	Bream B	YURB	383102S	1475020E
Flounder	YULX	381841S	1482622E	Bream A	YUMA	383000S	1474620E
Halibut	YUAL	382416S	1481913E	Dolphin	YUPA	382914S	1472239E
Fortescue	YUSU	382427S	1481641E	Perch	YUPE	383409S	1471921E

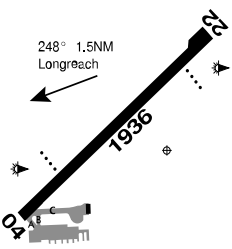
CHARTS RELATED TO THE AERODROME

1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

LONGREACH ELEV 627

AVFAX CODE 4103



QLD UTC +10 YLRE
232603S 1441649E VAR 7 DEG E CERT
AD OPR Longreach Airport Pty Ltd, PO Box 503, Longreach, QLD, 4730.
Email: info@lreairport.com.au. PH Airport Manager 0428 780 246.
ARO 0419 414 895. Website: www.longreachairport.com.au.

REMARKS

1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport. All pilots and operators required to possess and display a current Aviation Security Identification Card (ASIC) when airside, including all GA areas. Passengers are to be escorted at all times.
3. RPT apron is a security restricted area. Access for non-RPT OPS by permission from AD OPR only.

HANDLING SERVICES AND FACILITIES

AIR BP - Tim Rayner: AVGAS and JET A1 AVBL 2130-0600 UTC MON-FRI. AH PN, call-out fee may apply.TEL 07 4658 1520 or 0417 624 422. AVGAS bowser payment by Air BP card or credit card.

General

The OPR does not provide ACFT marshalling services. All requests for ACFT marshalling should be directed to the airlines or a FBO (if applicable).

PASSENGER FACILITIES

TX/HC/LG/WC/AC/RF

APRONS AND TAXIWAYS

1. TWY A PCR 169/F/C/1.20 MPa/U. MAX 29M wingspan.
2. TWY B MAX 29M wingspan and 10,000KG.
3. TWY C PCR 169/F/C/1.20 MPa/U. MAX 36M wingspan.
4. GA APN MAX 15M wingspan and 5,700KG.

AERODROME OBSTACLES

Multiple LIOL - Radio masts 1,306FT AMSL at 232321.42S 1441324.05E, painted and lit.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 07 3564 3723 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

04/22 039 64a PCR 169/F/C/1.20 MPa/U Asphalt WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 04/22	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL
RWY 04/22	PAPI(1)	AFRU+PAL 126.7	3.0 DEG46FT	SDBY PWR AVBL
RWY 04/22	PTBL(2)			BY PRIOR ARRANGEMENT

(1) Left side - PAPI PAL HJ only.
(2) EMERG only. 90MIN PN.
RWY edge light spacing: 60M.

OTHER LIGHTING

ABN FLG 8 W

1. TWY LGT: Blue edge on A and C.
2. SDBY PWR switchover time: 25 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.1 On Ground

RADIO NAVIGATION AND LANDING AIDS

NDB LRE 353 232542.3S 1441720.9E Range 120 (HN 85) (1)
(1) Pilot monitored

LOCAL TRAFFIC REGULATIONS

1. Helicopters with skid landing gear not permitted on the RPT apron.
2. Loose gravel on northern side of GA APN. Exercise caution when taxiing, parking and manoeuvring in the vicinity.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

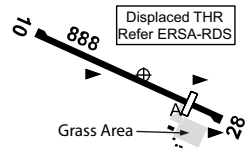
Bird hazard exists.

CHARTS RELATED TO THE AERODROME

1. WAC 3234.
2. Also refer to AIP Departure and Approach Procedures.

LORD HOWE ISLAND ELEV 17

AVFAX CODE 2401



NSW UTC +10:30/ +11(HDS) YLHI

313218S 1590438E VAR 14 DEG E CERT

AD OPR Lord Howe Island Board, Lord Howe Island, NSW, 2898. Email: administration@lhib.nsw.gov.au. PH 02 6563 2066. PH AH 0466 108 774. Fax 02 6563 2127. Website: www.lhib.nsw.gov.au.

REMARKS

1. PPR for all GA flights. MNM 24HR PN to AD OPR. Refer to website for details.
2. ACFT are subject to biosecurity inspections on arrival.
3. AD Charges: all ACFT (Defence and Aeromedical flights exempt). Refer to website for schedule of charges.
4. Individual pavement concessions must be submitted for all C130 OPS. PPR.
5. This AD is a Security Controlled Airport.
6. For Australian Border Force, Phone 02 6563 2481.
7. Operating Hours: HJ.

HANDLING SERVICES AND FACILITIES

Aero Refuellers: Lord Howe Island Fuels 2100-0700 UTC, 2HR PN Required. AH call-out fee will apply. Phone 02 6563 2135, 02 6563 2214. JET A1. Credit Cards (AMEX, VISA and MC). AVGAS AVBL FM Lord Howe Island Fuels.

APRONS AND TAXIWAYS

1. TWY A - Code C, WID 15M, sealed.
2. RPT APN - high strength concrete pavers.
3. GA APN - grass.

AERODROME OBSTACLES

1. Unlit NDB towers LOC at 313143.8S 1590422.8E is APRX 192FT AMSL at BRG 325 DEG MAG 0.6NM FM ARP. Infringes inner HZS.
2. SRY WDI LOC at 313216.8S 1590424.0E is APRX 41FT AMSL at BRG 260.3 DEG MAG 372M FM ARP. Infringes the TNS by APRX 9FT.
3. Anemometer LOC at 313216.2S 1590423.4E is APRX 51FT AMSL at BRG 261.4 DEG MAG 375M FM ARP. Infringes the TNS by APRX 22FT.
4. Protected vegetation LOC PARL to RWY 10/28 APRX 80M SE of the centreline may vary up to 55FT AMSL BTN BRG 195.4 and 251.2 DEG MAG at 137M and 280M FM ARP respectively. Infringes the TNS up to 15FT.
5. Lit radio mast APRX 853FT AMSL BRG 129 DEG MAG 0.86NM FM ARP. Infringes inner HZS by 689FT.

Information may be continued on the next page: PTO

6. Terrain:
   a. North Head Hill APRX LOC at 313116.2S 1590220.4E varies up to 441FT AMSL BTN BRG 282.2 and 284.2 DEG MAG 2.2NM FM ARP. Infringes the inner HZS up to 279FT.
   b. Transit Hill (lit) varies up to 443FT AMSL LOC at 313203.0S 1590440.8E BTN BRG 289.9 and 37.6 DEG MAG at 770M and 521M FM ARP respectively. Infringes the TNS up to 95FT and inner HZS up to 279FT. This terrain shields all other TNS infringements N of the RWS.
   c. Intermediate Hill varies up to 809FT AMSL LOC at 313256.4S 1590516.2E BTN BRG 110.9 and 128.2 DEG MAG at 0.87NM and 0.85NM FM ARP respectively. Infringes the inner HZS up to 644FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI.
2. AWIS and AWIS Windy Point (RWY 10 approach) Phone 02 9353 6432 - Report faults to BoM.
3. AWIS FREQ 119.05 (requires one-second pulse to activate) - Report faults to AD OPR. Both AWIS broadcast on 119.05. Alternating BTN a full YLHI broadcast and then Windy Point wind speed and direction.

PHYSICAL CHARACTERISTICS

10/28 100 29a PCR 105/F/A/Y/U Grooved WID 30 RWS 90

The 90M wide RWS width is mildly truncated at both ends; right hand side of APCH.

AERODROME AND APPROACH LIGHTING

RWY 10/28 PTBL(1) BY PRIOR ARRANGEMENT

(1) EMERG only. 1HR PN REQ. RWY THR and RWY end lighting in wingbar configuration. PTBL battery flares AVBL as back up if REQ.

ATS AND AERODROME COMMUNICATION FACILITIES

ACC	BRISBANE CENTRE	124.95 (1)
FIS	BRISBANE SP6 INTL HF WI SELCAL	3467 5643 8867 13261 17904

(1) On Ground Lord Howe Island

Brisbane SP6 HF FREQ mandatory.

RADIO NAVIGATION AND LANDING AIDS

DME	LHI	114.3/ 90X	313144.4S	1590421.3E		(1)
NDB	LHI	272	313144.1S	1590422.6E	OW 140 (OW HN110)	(2)

(1) 157/0.6 to ARP. Antenna ELEV 196FT.

(2) 143/0.6 to ARP.

LOCAL TRAFFIC REGULATIONS

1. Confine OPS to sealed SFC; limited ACFT tie-down FAC AVBL. Flares EMERG only.
2. Pavement subject to disturbance by turning ACFT. All turns to be MAX RAD. 180 DEG turns, all ACFT ABV 5,700KG MTOW use nodes only.

FLIGHT PROCEDURES

1. Because of the topography of Lord Howe certain wind COND may generate SEV TURB in the APCH to the RWY and preclude a safe LDG. The only safe course of action in such cases is to divert to a mainland AD. The Bureau of Meteorology is not able to FCST SEV TURB in all cases. The final responsibility for the safe conduct of a flight to Lord Howe rests with the pilot in command who must consider the possibility of a diversion to a mainland AD should TURB preclude a safe APCH.
2. Right hand circuits RQ when OPR RWY 28.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

1. Bird hazard may exist year round with increased bird activity on approach RWY 28 between September and March.
2. CAUTION: Expect MOD to SEV mechanical (orographically induced) TURB at low ALT in winds greater than 12KT in the S Sector BTN 120 and 240 DEG and in the N Sector BTN 320 and 060 DEG.
3. Weather balloon launch APRX 2315 UTC FM 440M S of ARP. Launches may occur at other times.

CHARTS RELATED TO THE AERODROME

1. WAC 3358.
2. Also refer to AIP Departure and Approach Procedures.

LORRAINE

ELEV 165

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YLOR
190023S 1395358E VAR 5 DEG E UNCR
AD OPR Lorraine Pastoral Co, Lorraine Station, via Mount Isa, QLD, 4825.
PH 07 4748 5500. Fax 07 4748 5580.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.7 FL125

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3220.

LOTUS VALE STN

ELEV 80

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YLOV
170254S 1412235E VAR 5 DEG E UNCR
AD OPR Gulf Coast Agricultural Company Pty Ltd, PMB 8, Cairns MC, QLD, 4870.
Email: contact@gulfcoast.com.au. PH 07 4745 3463. Website: www.gulfcoast.com.au.

REMARKS

1. AD charges: All ACFT.
2. PPR.

AERODROME OBSTACLES

1. RWY 29: Unlit mast 83FT AMSL.
2. Telstra phone TWR near homestead.

PHYSICAL CHARACTERISTICS

RWY 11/29 900M. WID 15M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.6

CTAF 126.7

ADDITIONAL INFORMATION

Pigs and wallabies on strip around dawn and dusk.

CHARTS RELATED TO THE AERODROME

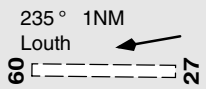
WAC 3220.

Information may be continued on the next page: PTO

LOUTH

ELEV 350

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YLOH
303153S 1450743E VAR 9 DEG E UNCR
AD OPR Bourke Shire Council, PO Box 21, Bourke, NSW, 2840.
PH 02 6830 8000. Fax 02 6872 3030.

AERODROME AND APPROACH LIGHTING

Solar LGT automatically activates dusk till dawn.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.35 Circuit Area
FIA	MELBOURNE CENTRE	124.9 To the South

CTAF 126.7

ADDITIONAL INFORMATION

Animal hazard exists.

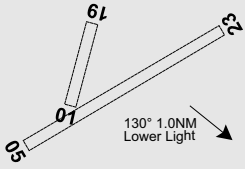
CHARTS RELATED TO THE AERODROME

WAC 3356.

LOWER LIGHT

ELEV 55

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YLLT
343100S 1382525E VAR 8 DEG E UNCR
AD OPR Adelaide Tandem Skydiving Pty Ltd, 4158 Port Wakefield Rd, Lower Light, SA, 5501. Email: info@adelaideskydiving.com.au.
PH 0411 875 867. ARO 08 8261 4161.
Website: www.adelaideskydiving.com.au.

REMARKS

1. PPR.
2. AD Charges: $24 plus GST per landing.
3. No night landings or approaches for visiting ACFT.

HANDLING SERVICES AND FACILITIES

AVGAS - private installation. Not AVBL for resale.

PHYSICAL CHARACTERISTICS

01/19	15c	Unrated. Grass	WID 7
05/23	32c	Unrated. Gravel	WID 7

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	ADELAIDE CENTRE	130.45

LOCAL TRAFFIC REGULATIONS

1. Do not move off main RWY 05/23 due to drop off and lights. RWY 01/19 has truck tyres lining RWY edges.
2. ACFT landing RWY 05/23 are not to turn mid RWY. TAX to end of RWY to turn.

CTAF 126.7

ADDITIONAL INFORMATION

1. Windshear may be present undershoot RWY 19.
2. PJE OPS HJ, WI 2NM of AD. PJE ACFT broadcast OPS on 130.45.

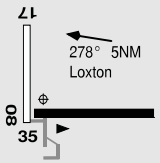
CHARTS RELATED TO THE AERODROME

WAC 3458, 3459.

LOXTON

ELEV 125

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YLOX
342833S 1403950E VAR 9 DEG E UNCR
AD OPR District Council of Loxton Waikerie, PO Box 409, Loxton, SA, 5333.
PH 08 8584 8000.

PASSENGER FACILITIES

WC.

PHYSICAL CHARACTERISTICS

08/26	39a	5700 kg Unrated. Sealed. RWY LEN 1,186M.	WID 18	RWS 90
17/35	28c	Unrated. Brown sand silt. RWY LEN 854M.	WID 18	RWS 60

AERODROME AND APPROACH LIGHTING

RWY 08/26 EMERG only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 124.3 Circuit Area

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3458.

LYNDOCH

ELEV 800

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YLYK
343718S 1385451E VAR 8 DEG E UNCR
AD OPR Barossa Helicopters, 261 Hoffnungsthal Road, Lyndoch, SA, 5351.
® PH 08 8524 4209. Website: www.barossahelicopters.com.au.

REMARKS

1. PPR.
2. Not for general public use.

HANDLING SERVICES AND FACILITIES

AVGAS by arrangement.

PASSENGER FACILITIES

WC/RF/HC. AC AVBL in Barossa Valley, close to AD.

PHYSICAL CHARACTERISTICS

18/36	21c	Unrated. Grass. RWY LEN 650M.	WID 25

ATS AND AERODROME COMMUNICATION FACILITIES

FIA ADELAIDE CENTRE 130.45

LOCAL TRAFFIC REGULATIONS

Overnight ACFT PRKG AVBL, 24HR surveillance.

CTAF 126.7

Use CTAF frequency 126.7 within 10NM and 3,000FT if over flying Lyndoch airfield, frequent traffic in close proximity.

ADDITIONAL INFORMATION

1. HEL scenic flight OPS 7 days per week.
2. Model ACFT fly most weekends.
3. Private fixed wing activity.
4. AD is published on Adelaide VTC/VNC.
5. Grass RWY soft when wet.

CHARTS RELATED TO THE AERODROME

WAC 3458, 3459.

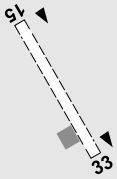
Information may be continued on the next page: PTO

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MABUIAG ISLAND

ELEV 30

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YMAA
95706S 1421147E VAR 4 DEG E UNCR
AD OPR Torres Strait Island Regional Council, PO Box 7336, Cairns, QLD, 4870.
PH 07 4034 5700. ARO 0484 905 105 (H24).

REMARKS

Restricted OPS: PPR from AD OPR

AERODROME OBSTACLES

1. RWY 15/33 transitional SFC infringed.
2. Inner HZS infringed by terrain on island, OBST light not provided.

PHYSICAL CHARACTERISTICS

15/33 14 Unrated. WID 15

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.3 Circuit Area

FLIGHT PROCEDURES

For special procedures which apply to Torres Strait biosecurity requirements, see ERSA GEN - SPECIAL PROCEDURES.

CTAF 126.5

CHARTS RELATED TO THE AERODROME

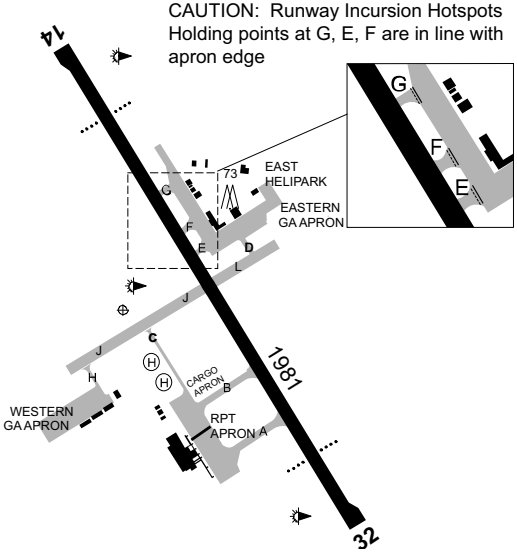
WAC 3097.

MACKAY

ELEV 19

AVFAX CODE 4401

QLD UTC +10 YBMK
211017S 1491047E VAR 8 DEG E CERT
AD OPR Mackay Airport Pty Ltd, PO Box 5806, Mackay MC, Mackay, QLD, 4741.
PH 07 4957 0201. ARO 0418 570 233: 0407 570 208.



Information may be continued on the next page: PTO

REMARKS

1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport.
3. RPT APN is a Security Restricted Area. Access for non RPT operators to RPT and Cargo APN by permission from Airport Management non RPT operators must obtain prior parking approval 48 HR PN from Mackay Airport Pty Ltd, Phone 0418 570 233. Parking Approval Forms are available via airport website and return by email to aso@mackayairport.com. Access from cargo APN to RPT terminal or landside is via pedestrian gate 20A, remaining clear of Security Restricted Area.
4. Pedestrian Gates access code for both GA APN AVBL 0418 570 233 (2000-1100 UTC SUN-FRI, 2000-0930 UTC SAT). AH Phone 0419 757 117. Call-out fee will apply.
5. ASIC must be displayed at all times whilst airside, including on GA APN. Passengers must be escorted at all times.
6. Parking charges apply as per Mackay Airport Conditions of Use which can be obtained via Mackay Airport Website.

HANDLING SERVICES AND FACILITIES

Viva Energy Australia: NQ Fuels Pty Ltd. JET A1 0500-1800 Local, AH 1HR PN required, call-out fee applies. AVGAS bowser 24HR. PH 07 4957 3226 or MOB 0407 127 539. VIVA Fuel2Sky, V and MC accepted.

AVGAS not AVBL for ACFT wishing to refuel on Western GA APN of TWY J and TWY H. AVTUR only AVBL by prior arrangement with Viva refuelling agent.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 7:
   a. MON-FRI 1945-1205 UTC.
   b. SAT 1945-0705 UTC.
   c. SUN 2005-1205 UTC.
2. 131.0 MHz AVBL HO.
3. Water Rescue Service AVBL.

APRONS AND TAXIWAYS

1. TWY A, B and RPT Apron: PCR 470/F/C/X/T.
2. TWY C not AVBL for ACFT ABV MAX 21M wingspan or ACFT ABV 12,000KG.
3. TWY C AVBL HJ only.
4. TWY D not AVBL for ACFT ABV 5,700KG.
5. TWY E not AVBL for ACFT ABV MAX 24M wingspan
6. TWY F not AVBL for ACFT ABV MAX 24M wingspan.
7. TWY G not AVBL for ACFT ABV MAX 15M wingspan.
8. TWY H PCR 80/F/D/X/T. Not AVBL for ACFT ABV 12,000KG and restricted to MAX 24M wingspan.
9. TWY J PCR 80/F/D/X/T.
10. TWY L PCR 80/F/D/X/T.
11. Eastern GA APN BTN TWY F and TWY G restricted to MAX 15M wingspan.
12. Some sections of the Eastern GA APN Surface slopes exceed the standard (east of TWY D and north of TWY G).
13. Western GA Apron PCR 80/F/D/X/T. Not AVBL for ACFT ABV 12,000KG and restricted to 24M MAX wingspan.
14. Western GA APN restrictions not AVBL to HEL OPS for ACFT ABV MTOW 1,100KG with skids EXC with prior approval FM Duty Safety Officer, Phone 0418 570 233.

SURFACE MOVEMENT GUIDANCE

1. CAUTION: Runway Holding Position for RWY 14/32 from the Eastern GA APN is marked along the western edge of the APN.
2. Movement Area Guidance sign on TWY H.
3. RWY 14 MAGS - Illuminated RWY designation MAG signs and TWY location MAG signs to RPT APN.

AERODROME OBSTACLES

1. 2 x lit smoke stacks, 262FT AMSL, BRG 272, 2.5NM FM ARP.
2. Masts:
   a. 405FT AMSL, BRG 342, 3.3NM FM ARP. Lit.
   b. 350FT AMSL, BRG 020, 3.5NM FM ARP. 2 x unlit.
3. Terrain:
   a. 819FT AMSL BRG 316 DEG MAG 7.5NM FM ARP infringes RWY 14 APCH.
   b. 508FT AMSL BRG 319 DEG MAG 6.4NM FM ARP infringes RWY 14 APCH.
4. Towers:
   a. 1,181FT AMSL BRG 315 DEG MAG 7.7NM FM ARP infringes RWY 14 APCH.
   b. 171FT AMSL, BRG 317 DEG MAG, 1.8NM FM ARP, lit.
5. Transient vehicles 31FT AMSL PSN 210942.4S 1491039.5E. Infringes RWY 14 APCH SFC by 10FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS Phone 07 3564 3724 - Report faults to BoM.
3. AWIS FREQ 133.05 (requires one-second pulse to activate) - report faults to AD OPR.

PHYSICAL CHARACTERISTICS

14/32	139	65a	PCR 480/F/C/X/T Grooved	WID 45	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 14/32	MIRL	AFRU+PAL 124.5		SDBY PWR AVBL
RWY 14/32	PAPI(1)	AFRU+PAL 124.5	3.0 DEG53.3FT	SDBY PWR AVBL
RWY 14	RTIL	AFRU+PAL 124.5		SDBY PWR AVBL

(1) Double sided.

1. RWY edge light spacing: 14/32: 57M.
2. CAUTION: On approach to RWY 14 in poor visibility, lighting along section of Bruce Highway aligned N/S approximately 1.5NM W of AD may be mistaken for RWY.
3. RWY THR identification lighting RWY 14 are activated in conjunction with RWY lighting.
4. Lighting status confirmed on CTAF.
5. Lighting set to Stage 2 during CTAF HR.
6. SDBY PWR does NOT include WDI for RWY 14 or 32.

OTHER LIGHTING

ABN ALTN 8 WG

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Green CL on A, B, E, H and J.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	135.5 Outside TWR and APP HR
APP	CORAL APPROACH (MK)	125.65
ATIS	MACKAY	112.7 128.0
SMC	MACKAY GROUND	121.7
TWR	MACKAY TOWER	124.5

1. TWR and APP HR:
   a. MON-FRI 2020-1020 UTC.
   b. SAT-SUN 2020-0930 UTC.
2. Phone MK TWR: 07 4951 8431^ or 07 4951 8491^. BN CEN 07 3866 3224^.
3. Mackay TWR provides Class D TWR services within Mackay CTR, SFC to 1,000FT AMSL. CTC TWR for CLR.
4. During TWR HRS, CORAL APP provides ATS:
   a. WI the CTA steps Class D ABV 1,000FT AMSL to an upper level of 4,500FT AMSL.
   b. WI the Class C airspace contained within the boundaries of the Mackay and SWAMPY CTA steps 22NM north and 36NM south of YBMK ABV 4,500FT AMSL to an upper level of FL150.
   c. Radar services and radar-based traffic INFO service north-west of Mackay below 6,000FT limited due radar coverage. Delays and restrictions may occur.

Information may be continued on the next page: PTO

5. Outside TWR HR Brisbane Centre provides:
   a. ATS within Class C airspace ABV 4,500FT AMSL.
   b. Class G service at and below 4,500FT AMSL.

   Note: Outside TWR HR, CTC Brisbane Centre for TAX and on ground reports in this airspace.

   Note: TWR and APP may operate independently, hours or airspace responsibility may change at short notice. Check status of airspace with ATS, NOTAM or Mackay ATIS.

RADIO NAVIGATION AND LANDING AIDS

DME	MK	112.7/ 74X	211022.9S	1491114.6E		(1)
NDB	MK	308	210944.1S	1491110.5E	Range 75 (HN 75)	(2)
VOR	MK	112.7	211022.8S	1491114.0E		

(1) Antenna ELEV 40FT.
(2) 204/0.7 to ARP.

LOCAL TRAFFIC REGULATIONS

1. Simulated asymmetric DEP or simulated engine failure after takeoff:
   a. Not permitted RWY 32;
   b. Not permitted until ACFT CLR of built-up areas;
   c. DRG TWR HR, prior approval from ATC required.
2. Wide bodied ACFT restricted to TWY A and parking position 1A.
3. ACFT requesting PRKG on Bays 1 through to 5A, in addition to completing the 'Mackay Airport Aircraft Parking Approval', require a ground handling agency to be appointed to handle all ground OPS during their stay. Details via airport website.
4. Western GA APN parking - ACFT (including HEL) BLW 12,000KG requiring access to RPT terminal to park on Western GA APN, accessed from TWY J via TWY H. Access from Western APN to RPT terminal or landside is via pedestrian Gate 21A. The northern edge of the Western GA APN parking area is restricted to DAY operations only. All other ACFT to park at Eastern GA in the parking area ADJ to TWY D via TWY E and from TWY L via TWY D.
5. HEL LDG sites:
   a. Southern site ADJ TWY C AVBL to HEL OPS ACFT ABV 1,100KG.
   b. Northern site ADJ TWY C RESTR to aeromedical HEL OPS only.
   c. All other HEL OPS RQ 48HR prior approval.
6. Civil HEL Operations
   a. Air taxi to/from parking at EAST HELIPARK via TWY J-L;
   b. MAX rotor diameter 15M. If diameter greater than 15M, 24HR PN required for parking allocation;
   c. Caution: Floodlighting towers up to 45M AMSL on sporting fields in sector NE of AD.
7. **TRAINING FLIGHTS**
   a. Circuit training for ACFT ABV 5,700KG restricted to 2100-1100 UTC.
   b. All ACFT planning SVY, practice IAL and NAVAID training require prior ATC approval within Class C and D airspace. Pilots must book a slot time online at qld.bookawk.com. Phone Brisbane Centre Shift Manager on 07 3866 3306 for approval.
8. Landing RWY 14 - Jet ACFT ABV 30,000KG MTOW, when operationally possible, are requested to avoid excessive braking and to use full RWY length and turning nodes provided.
9. Run-up bay on Eastern GA located on southern side of Eastern GA APN in BTN TWY D and E.

FLIGHT PROCEDURES

Low VIS OPS

   a. Low VIS TKOF are not supported.
   b. For CASA approved operators RWY 14/32 supports reduced VIS OPS under direction of control TWR with RWY VIS of not less than 800M.
   c. Manual RV readings are provided to control TWR. Transmissometers are not installed.

CTAF - AFRU 124.5

Outside TWR HR.

NOISE ABATEMENT PROCEDURES

Noise Abatement Procedures (NAP) apply. Refer AIP DAP.

ADDITIONAL INFORMATION

1. Animal hazard exists year round with risk species varying depending on weather conditions. Pilots should contact ATC or ARO for real time wildlife hazard report.
   a. Flying-fox can be a hazard at any time of the year, peaking MAR to MAY, as they may transit RWY at dusk.
2. Bird Hazard exists. Increased numbers of the following species are expected during the specified times:
   a. APR to OCT; increased masked lapwing activity.
   b. JUL to JAN; increased bush stone-curlew activity.
   c. Increased bird activity during and post rainfall and adverse weather events, including Australian white ibis, straw-necked Ibis, magpie goose, cattle egret and whistling duck.
   d. Increased bird activity between 0600-0900 Local and dusk daily as flocks transit BTN off-airport sites, including Australian white ibis, straw-necked ibis and magpie goose.
   e. Adverse weather increases risk from gulls, terns and migratory waders.
   f. Species specific NOTAM will be issued during periods of increased activity.
3. PJE on AD HJ - SFC-10,000FT AMSL.
4. In conditions of light mist or fog, high intensity floodlighting adjacent to short final on approach RWY 14 may cause distraction.
5. Some areas of Eastern GA and Western GA may not comply with lighting standards. Pilots should exercise caution at night.

CHARTS RELATED TO THE AERODROME

1. WAC 3234, 3235.
2. Also refer to AIP Departure and Approach Procedures.

MACLEAN HOSPITAL — ELEV 17

AVFAX CODE 2008 — **FULL NOTAM SERVICE NOT AVBL**

NSW		UTC +10	YXMA
292713S	1531205E	VAR 12 DEG E	UNCR

AD OPR Maclean District Hospital, 21 Union St, Maclean, NSW, 2463.
Email: ricki.ensby@health.nsw.gov.au. PH 02 6640 0119. PH AH Nurse Manager 02 6640 0101.

REMARKS

Private use.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.3

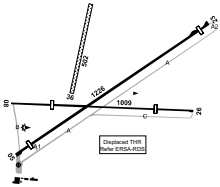
CTAF 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3357.
2. Also refer to AIP Departure and Approach Procedures.

MAITLAND (NSW) — ELEV 95

AVFAX CODE 2022



NSW		UTC +10	YMND
324215S	1512920E	VAR 12 DEG E	CERT

AD OPR Royal Newcastle Aero Club, PO Box 491, Rutherford, NSW, 2320.
PH 02 4932 8888. ARO 0409 830 330. Website: www.rnac.com.au.

Information may be continued on the next page: PTO

REMARKS

1. AD Charges: All ACFT. Movement and parking charges will be charged in accordance with the YMND Schedule of Fees (SOF), which is AVBL on the Royal Newcastle Aero Club (RNAC) website.
2. All AD users must operate in accordance with the YMND General Conditions of Use (GCU) and the Community Operational Undertaking (COU), which are AVBL on the RNAC website.
3. AD operational - 0600-2200 Local.
4. ACFT are permitted to operate outside operational HR whilst engaged in EMERG SER OPS as directed by an EMERG SER organisation.

HANDLING SERVICES AND FACILITIES

Skyfuel - AVGAS and JET A1 H24 self services bowsers activated by credit cards, Compac Pay smartphone APP and Skyfuel carnets. PH 0417 780 280 or refer www.skyfuel.com.au for site orientation.

PASSENGER FACILITIES

WC/TX (02 4933 7333)

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS Phone 02 9353 6433 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

05/23	044	40	Unrated. Sealed	WID 15	RWS 80
08/26	081	33	Unrated. Sealed	WID 10	RWS 60
18/36	181	16	Unrated.	WID 18	RWS 60

AERODROME AND APPROACH LIGHTING

RWY 05/23 LIRL SDBY PWR AVBL

1. RWY edge light spacing: 05/23: 90M.
2. Lights AVBL FM 1730-2200 Local. After 2200 Local, lights AVBL on request (charges will apply).
3. SDBY PWR AVBL. Secondary PWR switchover time: 15 SEC.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Nil.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.7 On Ground

LOCAL TRAFFIC REGULATIONS

1. Preferred RWY 23 nil or LV wind.
2. Circuit training permitted 0730-2200 Local.
3. Circuit training before 0800 Local restricted to single-engine aeroplanes less than 1,900KG MTOW.
4. PPR before using unsealed movement areas for taxi or parking.

FLIGHT PROCEDURES

1. Right hand circuits required for NGT OPS RWY 05.
2. Pilots should limit radio transmissions in the circuit to those necessary to provide traffic information and separation. Broadcast with intentions turning base is recommended.
3. **Helicopter Operations:**
   a. Contra CCTS may be conducted for training purposes.
   b. Helicopter CCTS to be flown at 700FT AGL (or 800FT ALT).
   c. EMERG SER HEL shall APCH and DEP the AD over a wide non-residential corridor to the S of the AD.

CTAF 122.65

NOISE ABATEMENT PROCEDURES

Noise sensitive areas at Windella (immediately W of AD) and Rutherford (1-2NM E of AD).

ADDITIONAL INFORMATION

1. When wind velocities exceed 10KT, TURB and rotor effect may occur on approach to RWY 26 or on initial leg of RWY 08 due to treed areas to the E of the RWY. Pilots should exercise caution.
2. Significant animal (kangaroo) hazard exists, peak periods at dawn and dusk.
3. Bird hazard exists.
4. Aeroplane and helicopter flying training.
5. Model ACFT:
   a. OPR WI 1,000M RAD of PSN 324518.00S 1513648.00E BRG 102 MAG 7.1NM FM Maitland AD (YMND). SFC-1,000FT.
   b. OPR WI 0.5NM RAD of PSN 324000.27S 1512502.33E 'Luskintyre Airfield" BRG 292 MAG 5.2NM FM ARP. OPR will MNT CTAF. OPR PH: 0425 292 391. SFC-1,000FT AGL.

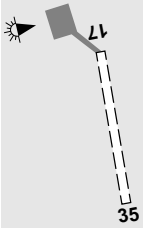
CHARTS RELATED TO THE AERODROME

1. WAC 3456
2. Also refer to AIP Departure and Approach Procedures.

MAITLAND (SA)

ELEV 559

FULL NOTAM SERVICE NOT AVBL



SA			UTC +9:30	YMLD
342334S		1374226E	VAR 8 DEG E	UNCR

AD OPR District Council of Yorke Peninsula, 8 Elizabeth Street, Maitland, SA, 5573. PH 08 8832 0000. ARO 0428 859 347: 0419 817 975.

PASSENGER FACILITIES

WC

AERODROME AND APPROACH LIGHTING

LIRL PAL 119.6.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	118.95

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3459.

Information may be continued on the next page: PTO

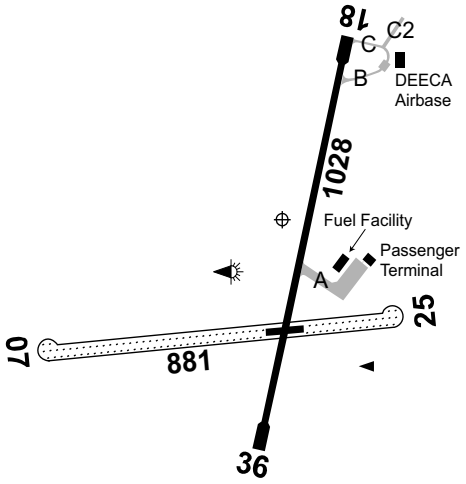
MALLACOOTA

ELEV 102

AVFAX CODE 3051

VIC		UTC +10	YMCO
373556S	1494315E	VAR 14 DEG E	CERT

AD OPR East Gippsland Shire Council, PO Box 1618, Bairnsdale, VIC, 3875.
Email: feedback@egipps.vic.gov.au. PH ARO 0419 532 060. Backup 0419 894 629.
Website: www.eastgippsland.vic.gov.au.



REMARKS

1. Pin coded gate FM APN to terminal, CTC ARO for code.
2. Nil landing fees.

HANDLING SERVICES AND FACILITIES

World Fuel Services H24. AVGAS and JET A1 self-service bowsers, WFS carnet card, V and MC via Compac Pay smartphone APP. PH 0429 922 678.

PASSENGER FACILITIES

LG/WC/RF. TX and HC not readily AVBL.

AERODROME OBSTACLES

APCH RWY 36 visual segment surface, infringed by trees:

a. 135FT AMSL 560M FM THR 36M east RCL.
b. 136FT AMSL 585M FM THR 46M west RCL.
c. 138FT AMSL 597M FM THR 72M west RCL.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 03 8470 3212 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

07/25	069	29c	5700 kg/0.50 MPa	Gravel.	WID 30	RWS 90
18/36	177	34a	5700 kg/0.60 MPa		WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 07/25	PTBL(1)		BY PRIOR ARRANGEMENT
RWY 18/36	LIRL	PAL+AA 120.6	SDBY PWR AVBL

(1) EMERG only. 90MIN PN.
RWY 18/36 edge light spacing: 60M.

OTHER LIGHTING

1. TWY LGT: Blue edge.
2. SDBY PWR switchover time: 35 SEC.
3. IWI will activate on PAL and will flash in last 10MIN of 30MIN cycle.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	120.75 3000FT

LOCAL TRAFFIC REGULATIONS

1. All overnight parking, CTC ARO for instructions.
2. ACFT OPR ABV published weights, CTC ARO for pavement concession.
3. RWS not prepared for TKOF and landings.
4. TWY B, C and C2 restricted to fire EMERG ACFT and local tenants only.

FLIGHT PROCEDURES

Right hand circuits RQ when OPR on RWY 36.

CTAF 126.7

ADDITIONAL INFORMATION

1. Increased HEL OPS during summer season for fire EMERG.
2. Ultralight ACFT OPS at AD.

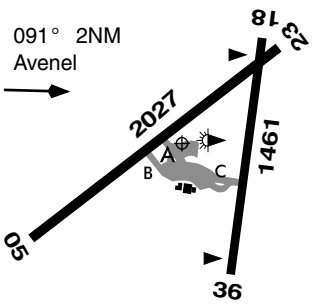
CHARTS RELATED TO THE AERODROME

1. Also refer to AIP Departure and Approach Procedures.
2. WAC 3470.

MANGALORE

ELEV 467

AVFAX CODE 3052



VIC		UTC +10	YMNG
365318S	1451103E	VAR 12 DEG E	CERT

AD OPR Mangalore Airport Pty Ltd, 331 Aerodrome Road, Mangalore, VIC, 3663. Email: map@mangaloreairport.com.au. PH 03 5796 2000: 0428 863 439 H24.

REMARKS

1. Prior permission to land required by AD OPR.
2. Private AD. Landing fees must be paid by all ACFT including RAA via Av-Data billing.
3. Pavement concessions must be arranged through the AD OPR.
4. PN to AD OPR required when nominating Mangalore as an ALTN.

HANDLING SERVICES AND FACILITIES

World Fuel Services: 24HR AVGAS bowser carnet card, MC and V via smartphone APP.
JET A1 not AVBL.

PASSENGER FACILITIES

WC/LG/ME (JO)/TX/HC: by arrangement with AD OPR.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS Phone 03 8470 3213 - Report faults to BoM.
3. AWIS FREQ 128.825 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	042	67a	PCR 61/F/C/0.73 MPa/U	WID 23	RWS 90
18/36	177	48a	PCR 61/F/C/0.73 MPa/U	WID 23	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 05/23	LIRL	AFRU+PAL 121.1	SDBY PWR AVBL
RWY 18/36	LIRL	AFRU+PAL 121.1	SDBY PWR AVBL

1. RWY edge light spacing: 18/36: 90M; 05/23: 90M.
2. RWY edge light lateral spacing 45M.

OTHER LIGHTING

ABN ALTN 8 WG

1. SDBY PWR switchover time: 12 SEC.
2. TWY LGT: Blue edge.

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.4 On Ground

RADIO NAVIGATION AND LANDING AIDS

VOR	MNG	113.2	365309.2S	1451139.2E

LOCAL TRAFFIC REGULATIONS

Confine OPS to paved surfaces.

FLIGHT PROCEDURES

1. Night circuits to the west for all fixed wing ACFT (right hand CCTS RWY18 and 23).
2. Where possible minimise backtracking on active RWY - ACFT using RWY 23 for TKOF shall taxi via TWY C and taxi on RWY 18/36 and ACFT using RWY 18 for TKOF shall taxi via TWY A and taxi on RWY 05/23.
3. Training flights conducting practice instrument approaches should add 1,000FT to all the ALT prescribed in the approach to reduce noise nuisance and interference with circuit traffic. Such flights should BCST their intentions, including ALT limits of OPS when turning inbound. IMC flights should remain as high as practical when encountering VMC and join the circuit in the standard manner.
4. It is recommended that all ACFT shall illuminate LDG and taxi lights WI a 10NM radius of the airport and when established in the circuit.
5. Occasional helicopter OPS take place on RWY, grass areas and outside RWS. HEL CCTS will be flown at 700FT AGL and may include right hand CCTS. TEMPO LGTD HLS for HEL training purposes only.
6. The MNM radio broadcasts are taxiing, entering, departing: Inbound, Joining, Base and Final with position, altitude and intentions.
   Note: Pilots must respond to radio requests from other TFC for their intentions, position or altitude
7. Base/Final broadcast is to include a nominated ACFT landing sequence number, determined by your position behind preceding airborne ACFT (e.g. Warrior ABC final 23 touch and go number 2).

CTAF - AFRU 121.1

ADDITIONAL INFORMATION

1. Extensive fixed wing VFR and IFR flight training at the AD H24 and within the area bound by Mangalore, Nagambie, Murchison, Shepparton, Nalinga and Violet Town townships SFC to A085 (HJ only).
2. Training area traffic will normally depart Mangalore via VFR waypoint Nagambie Mine and return tracking to east of the railway line from Locksley township to VFR waypoint Avenel.
3. Bird and other wildlife hazards may exist.
4. Aerobatic training is conducted HJ within D349, A030 to A075. Aerobatic ACFT monitor YMNG CTAF 121.1 utilising the YMNG QNH.
5. Gliding and microlight activities at YLCS (Locksley Field).
6. PJE HJ within D376 SFC - FL125 at YEUA (Euroa).

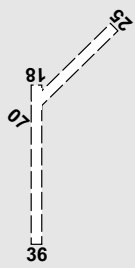
CHARTS RELATED TO THE AERODROME

1. WAC 3469, 3470.
2. Also refer to AIP Departure and Approach Procedures.

MANGROVE MOUNTAIN GLIDING

ELEV 1020

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YMVM
331706S 1511246E VAR 13 DEG E UNCR
AD OPR Central Coast Soaring Club, 156 Bloodtree Rd, Mangrove Mountain, NSW, 2250. PH 0402 907 038 (Club Phone) or 0414 256 602 (CFI).
Website: www.ccsoaring.com.au.

REMARKS

PPR for all ACFT (EXC powered EMERG service ACFT) - CTC AD OPR.

AERODROME OBSTACLES

Tall trees on approach to all RWY ends.

PHYSICAL CHARACTERISTICS

07/25 10c Unrated. Grass. Downslope to the W.
18/36 39c Unrated. Undulating grass.
RWY 18/36 very soft and unusable after rain.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA SYDNEY CENTRE 124.55

LOCAL TRAFFIC REGULATIONS

Practice glide approaches by powered ACFT are discouraged due to risk of conflict with winch operations and noise abatement.

FLIGHT PROCEDURES

1. Avoid overfly below 3,500FT AMSL due to potential conflict with winch launching gliders.
2. ACFT transiting the circuit area should BCST and MNT CTAF when in the vicinity of Mangrove Mountain.

CTAF 132.1

ADDITIONAL INFORMATION

1. Gliding OPS HJ launched by winch, cable up to 4,000FT in length.
2. Intensive glider OPS including aerobatics within 10NM up to 8000FT AMSL.
3. Wind shear in moderate winds from any direction.
4. Transiting aircraft should maintain a lookout when transiting the area due to the possibility of conflict with gliders in thermals anywhere in the vicinity.

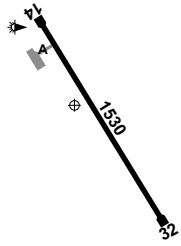
CHARTS RELATED TO THE AERODROME

WAC 3456.

MANINGRIDA

ELEV 123

AVFAX CODE 8025



NT UTC +9:30 YMGD
120322S 1341403E VAR 3 DEG E CERT
AD OPR Maningrida Council Inc, Maningrida, NT, 0822.
Email: contracts@westarnhem.nt.gov.au. PH 08 8979 6600 BH.
ARO EMERG Satellite PH 0147 150 346 H24. Mobile 0417 053 306 H24.

HANDLING SERVICES AND FACILITIES

BAC Fuel: PH 08 8979 6511 or 0436 669 384. JET A1 and AVGAS. AH $30 call-out fee.

PASSENGER FACILITIES

WC/LG/Telstra mobile phone coverage.

Information may be continued on the next page: PTO

AERODROME OBSTACLES
1. Unlit anemometer 131FT AMSL BRG 187 DEG MAG 85M FM ARP.
2. Trees:
   a. 194FT AMSL BRG 135 DEG MAG 1,120M FM ARP. Infringes TNS.
   b. 183FT AMSL BRG 133 DEG MAG 951M FM ARP. Infringes TNS.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT C, METAR/SPECI.
2. AWIS PH 08 7922 2509 - Report faults to BoM.

PHYSICAL CHARACTERISTICS
14/32 146 50a PCR 50/F/A/Y/U Sealed. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING
RWY 14/32 LIRL AFRU+PAL 127.5

OTHER LIGHTING
TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 123.4 On Ground

RADIO NAVIGATION AND LANDING AIDS
NDB MGD 401 120345.9S 1341354.0E Range 45 (HN 45) (1)
(1) 025/0.4, Range 35 to W - Operated by AD OPR - Pilot Monitored

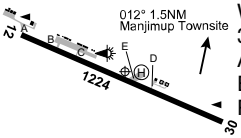
CTAF - AFRU 127.5

ADDITIONAL INFORMATION
Bird and animal hazard exists.

CHARTS RELATED TO THE AERODROME
1. WAC 3109.
2. Also refer to AIP Departure and Approach Procedures.

MANJIMUP ELEV 942

AVFAX CODE 6306



WA UTC +8 YMJM
341555S 1160825E VAR 3 DEG W CERT
AD OPR Shire of Manjimup, PO Box 1, Manjimup, WA, 6258.
Email: info@manjimup.wa.gov.au. PH 08 9771 7777. ARO 0428 711 269.
PH AH 08 6454 4600. Fax 08 9771 7771.

HANDLING SERVICES AND FACILITIES
Air BP: H24. AVGAS card bowser. Air BP Carnet card or cash/cheque only. Phone 0428 711 269.

PASSENGER FACILITIES
WC/TX/ME - S. Hawily LAME. Phone 08 9771 1166 H24.

APRONS AND TAXIWAYS
TWY A: slope 4% down to NW.

AERODROME OBSTACLES
1. Antenna:
   a. 1,113FT AMSL PSN 341515.5S 1160835.3E. Infringes inner HZS by 32FT.
   b. 1,113FT AMSL PSN 341515.9S 1160838.4E. Infringes inner HZS by 32FT.
2. Phone TWR:
   a. 1,152FT AMSL PSN 341512.1S 1160847.2E. Infringes inner HZS by 71FT.
   b. 1,147FT AMSL PSN 341517.3S 1160852.6E. Infringes inner HZS by 66FT.
3. Trees:
   a. 1,087FT AMSL PSN 341527.5S 1160801.1E. Infringes inner HZS by 6FT.
   b. 1,036FT AMSL PSN 341539.0S 1160754.5E. Infringes TNS by 14FT.
   c. 1,030FT AMSL PSN 341540.7S 1160754.2E. Infringes TNS by 35FT.
   d. 989FT AMSL PSN 341540.9S 1160753.7E. Infringes TNS by 10FT.

4. Hangars:
   a. 960FT AMSL PSN 341549.8S 1160815.8E. Infringes TNS by 2FT.
   b. 963FT AMSL PSN 341549.5S 1160815.7E. Infringes TNS by 4FT.

PHYSICAL CHARACTERISTICS

12/30 116 40a PCR 60/F/B/Y/U WID 18 RWS 80

AERODROME AND APPROACH LIGHTING

RWY 12/30 LIRL PAL 122.3 SDBY PWR AVBL
RWY lighting 59M spacing.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge on B.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 124.9 3000FT

LOCAL TRAFFIC REGULATIONS

1. APN PRKG limitations. Check with AD OPR for ACFT PRKG arrangements adjacent to the RWY strip edge, PH ARO.
2. TWY A restricted to PVT OPR PRKG only.
3. TWY B AVBL for APN PRKG.
4. TWY D restricted to HEL.
5. Tie-downs within the APN parking area are not rated.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3462.
2. Also refer to AIP Departure and Approach Procedures.

MANSFIELD

ELEV 1050

FULL NOTAM SERVICE NOT AVBL

VIC UTC +10 YMFD
370400S 1460700E VAR 12 DEG E UNCR
AD OPR M and P Walsh, 370 Mt. Buller Road, Mansfield, VIC, 3722. PH 03 5775 2558.
PH 0407 886 979: 0447 525 585. Fax 5779 1376.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 122.4 Circuit Area

CTAF 126.7

CHARTS RELATED TO THE AERODROME

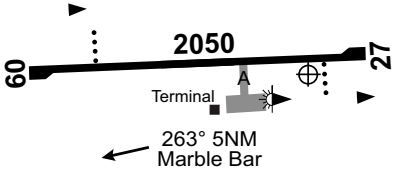
WAC 3470.

MARBLE BAR

ELEV 637

AVFAX CODE 6841

WA UTC +8 YMBL
210945S 1195023E VAR 1 DEG E CERT
AD OPR Shire of East Pilbara, PMB 22, Newman, WA, 6753.
Email: marblebarops@eastpilbara.wa.gov.au. Mobile 0455 554 520.
AD MGR Mobile 0428 193 096. Website: www.eastpilbara.wa.gov.au.



Information may be continued on the next page: PTO

REMARKS
1. PPR. HJ only. CTC AD Manager.
2. CTC AD manager:
   a. AD charges apply.
   b. ACFT parking availability (limited) and allocation.

PASSENGER FACILITIES
WC

PHYSICAL CHARACTERISTICS
09/27 083 67a PCR 220/F/B/1.10 MPa/U WID 30 RWS 90
Additional TKOF length AVBL for RWY 09. Refer to *RDS* for further information.

AERODROME AND APPROACH LIGHTING
RWY 09/27 PAPI(1) AFRU+PAL 126.7 3.0 DEG51FT
RWY 09/27 PTBL(2) BY PRIOR ARRANGEMENT
(1) Left side.
(2) EMERG only. 90MIN PN.
1. RWY 09 THR starter extension not AVBL when PTBL LGT ACT.
2. No PERM LGT AVBL.

OTHER LIGHTING
PTBL TWY LGT: Blue edge. EMERG only with 90MIN PN.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 118.6 5500FT

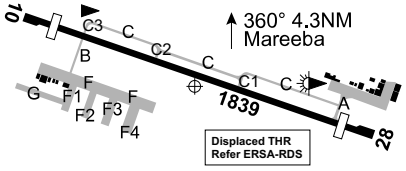
LOCAL TRAFFIC REGULATIONS
1. RWS not MNTN for ACFT OPS.
2. Departing aircraft above 5,700KG MTOW are required to taxi on RCL to the THR of the RWY in use and turn at the turn pads.
3. All turns on the RWY and turn pads are to be at MNM speed and MAX radius.
4. Arriving ACFT above 5,700KG MTOW are to extend the landing roll to the end of the RWY in use and use turn pads for turning.
5. All ACFT are RQ to apply MNM power on all engines when DEP from all parking bays on the apron.

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME
WAC 3229.

MAREEBA ELEV 1564

AVFAX CODE 4506
QLD UTC +10 YMBA
170414S 1452526E VAR 7 DEG E CERT
AD OPR Mareeba Shire Council, PO Box 154, Mareeba, QLD, 4880.
Email: aerodromes@msc.qld.gov.au. PH 1300 308 461 (AH or EMERG). Fax 07 4092 5138.



REMARKS
AD charges apply.

HANDLING SERVICES AND FACILITIES
IOR Aviation: AVGAS and JET A1 AVBL self-service bowser via IOR Aviation Tag or the Fuelcharge APP. PH 1300 457 467.

AERODROME OBSTACLES

1. Unlit power poles APRX 30FT AGL BRG 025 MAG 150M FM ARP. Infringes transitional SFC.
2. Hills to the E and SE infringe the inner HZS.
3. TWR lit 132FT AGL BRG 018 MAG 644M FM ARP.
4. Trees:
   a. BRG 031 DEG MAG 175M FM ARP. Infringes transitional SFC by up to 17FT.
   b. BRG 106 DEG MAG 793M FM ARP. Infringes transitional SFC by up to 5FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 07 3564 3725 - Report faults to BoM.
3. AWIS FREQ 122.050 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

10/28 103 60a PCR 82/F/C/0.90 MPa/T WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 10/28 LIRL AFRU+PAL 126.7
RWY 10/28 PTBL(1) BY PRIOR ARRANGEMENT
(1) AVBL for medical EMERG only. 60MIN PN RQ.
RWY edge light spacing: 10/28: 60M.

OTHER LIGHTING

TWY LGT: Green CL on A, B, C (C unlit BTN C1 and C2).

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	123.8 On Ground
FIA	CAIRNS APPROACH	126.1 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. TWY C BTN C1 and C2 not AVBL for ACFT ABV 5,700KG/MAX wingspan 18M.
2. ACFT DEP Mareeba for Cairns that have obtained a Landing Slot Time FM ATC will be processed more expeditiously.

FLIGHT PROCEDURES

Right hand circuits RQ when OPR on RWY 28.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

1. Agricultural OPS take place WI 10NM up to 500FT AGL.
2. Manned balloon activities may occur in 3HR following first light.
3. Ultralight OPS take place at AD and WI 3NM.
4. Bird hazard exists.

CHARTS RELATED TO THE AERODROME

1. WAC 3219.
2. Also refer to AIP Departure and Approach Procedures.

MARGARET RIVER

ELEV 374
FULL NOTAM SERVICE NOT AVBL



WA UTC +8 YMGT
335550S 1150600E VAR 3 DEG W UNCR
AD OPR Shire of Augusta-Margaret River, PO Box 61, Margaret River, WA, 6285.
Email: worksmaintenance@amrshire.wa.gov.au: amrshire@amrshire.wa.gov.au.
ARO 08 9780 5642: 0460 419 183. Council PH 08 9780 5255.

REMARKS

Night OPS not AVBL.

PASSENGER FACILITIES

TX (08 9757 3444)/LG.

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING
PAL 120.25, system not inspected by CASA.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 124.9 Circuit Area

CTAF 132.25

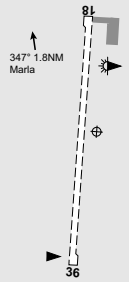
NOISE ABATEMENT PROCEDURES
1. Consideration should be given to operate aircraft in such a manner that minimises the audible and visual impact such operations may have on the community.
2. When ARR or DEP from Margaret River pilots are encouraged to keep circuits as close as practicable to the airstrip to avoid populous areas and the town.
3. When taking off from RWY 20, pilots are encouraged to avoid flying over the eastern precincts of the town by making a shallow left turn at a safe height after take off and either depart to the east or climb to 1,500FT before turning to the west.
4. Pilots are requested to use standard non-towered rejoin and circuit altitudes.
5. Pilots are encouraged to land on RWY 20 when practicable to avoid flying close to the Margaret River town.
6. Takeoffs and landings can be made from either RWY, depending on prevailing conditions. Pilots are encouraged to avoid flying over or close to the town.
7. Pilots are requested to climb as soon as possible within the airstrip perimeter.
8. Pilots should maintain appropriate altitudes when flying in the vicinity of the airstrip i.e. - 1,500FT AGL for over fly and 1,000FT AGL for circuit.
9. Pilots are requested to adopt climb or cruise power settings as soon as possible after reaching an altitude of 500FT.
10. Pilots should avoid residential areas when possible, and otherwise remain above 1,500FT AGL and limit any orbits of the town area.

ADDITIONAL INFORMATION
Hazardous conditions exist for light ACFT when landing with a westerly crosswind due to close proximity of forest area W of RWS.

CHARTS RELATED TO THE AERODROME
1. WAC 3462.
2. Also refer to AIP Departure and Approach Procedures.

MARLA

ELEV 1076
FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YALA
272003S 1333735E VAR 5 DEG E UNCR
AD OPR Outback Communities Authority, PO Box 3326, Port Augusta, SA, 5700.
Email: oca@sa.gov.au. PH 08 7133 3500. Mobile 0439 136 271: 0455 467 346.
Website: www.outbacksa.sa.gov.au.

PHYSICAL CHARACTERISTICS
18/36 56a Unrated. Sealed. WID 18 RWS 90

AERODROME AND APPROACH LIGHTING
Solar EMERG only.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 120.7 7000FT

CTAF 126.7

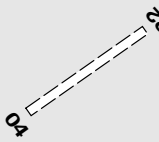
CHARTS RELATED TO THE AERODROME
WAC 3343.

MARREE

ELEV 164

AVFAX CODE 5109

FULL NOTAM SERVICE NOT AVBL



SA		UTC +9:30	YMRE
293946S	1380357E	VAR 7 DEG E	UNCR

AD OPR Marree and District Progress Association Inc, C/O Post Office, Marree, SA, 5733. PH Marree and District Progress Association 0487 373 771. Email: marreehs@bigpond.com or juneandrew1953@gmail.com. PH Marree Hotel 08 8675 8344, 0488 444 544. Email: info@marreehotel.com.au. Fax: 08 8675 8328.

REMARKS

1. PPR to land.
2. AD Charges: Single $25.00, Twin $30.00, overnight PRKG $10.00. Exemptions apply for RFDS, Angel Flight and other medical related landings.

HANDLING SERVICES AND FACILITIES

Both AVGAS and JET A1 in trucks AVBL, $3.00 per litre. Some oils AVBL. Contact Marree Hotel, 0800-1800 Local.

PASSENGER FACILITIES

Optus and Telstra mobile coverage/WC AVBL in hangar.

METEOROLOGICAL INFORMATION PROVIDED

METAR/SPECI.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	121.2 Circuit Area

CTAF 127.8

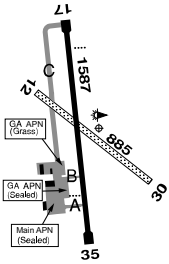
CHARTS RELATED TO THE AERODROME

WAC 3354, 3355.

MARYBOROUGH (QLD)

ELEV 38

AVFAX CODE 4021



QLD		UTC +10	YMYB
253048S	1524254E	VAR 11 DEG E	CERT

AD OPR Fraser Coast Regional Council, PO Box 1943, Hervey Bay, QLD, 4655. PH 1300 794 929. ARO 0419 671 405. Website: www.frasercoastairport.com.au.

REMARKS

1. AD Charges: See Fees and Charges on website or CTC AD OPR.
2. The operation of ACFT is restricted to prepared RWYS, TWYS and APN.

APRONS AND TAXIWAYS

1. TWY B not AVBL to ACFT over 5,700KG MTOW.
2. TWY C grass only. May not be AVBL in wet weather.

AERODROME OBSTACLES

Towers:

a. Lit 207FT AMSL, BRG 244 MAG 1.51NM FM ARP, infringes HZS by 160FT APRX.
b. Lit 203FT AMSL, BRG 259 MAG 1.49NM FM ARP, infringes HZS by 165FT APRX.
c. Lit 233FT AMSL, BRG 254 MAG 2.12NM FM ARP, infringes HZS by 195FT APRX.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS Phone 07 3564 3726 - Report faults to BoM.
3. AWIS FREQ 133.55 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

12/30	118	29c	Unrated. Grassed grey silt clay	WID 30	RWS 90
17/35	163	52a	Unrated. Sealed shoulders 7.5M each side.	WID 30	RWS 90

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING

RWY 17/35 LIRL PAL 120.6
RWY 17/35 PAPI(1) PAL 120.6 3.0 DEG42FT
(1) Left side.
RWY edge light spacing: 17/35: 90M.

OTHER LIGHTING

TWY LGT: Blue edge on RPT TWY leading onto APN.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 124.6 On Ground

LOCAL TRAFFIC REGULATIONS

EMERG and GEN HEL to park on southern edge of Bay 1. PN RQ if in group.

CTAF 126.55

ADDITIONAL INFORMATION

1. Bird hazard exists.
2. Model ACFT OPR WI 500M RAD of PSN 253340.2S 1524503.7E BRG 137 MAG 3.6NM FM Maryborough (YMYB) SFC to 1,000FT AGL.

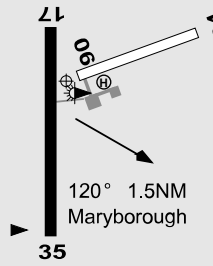
CHARTS RELATED TO THE AERODROME

1. WAC 3340.
2. Also refer to AIP Departure and Approach Procedures.

MARYBOROUGH (VIC)

ELEV 766

FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YMBU
370159S 1434232E VAR 11 DEG E UNCR
AD OPR Central Goldfields Shire Council, 22 Nolan Street, Maryborough, 3465. Email: mail@cgoldshire.vic.gov.au. PH 03 5461 0610. Fax 03 5461 0666.

REMARKS

AD not AVBL to ACFT ABV 5,700KG MTOW.

PASSENGER FACILITIES

WC/TX (03 5461 1633)/RF/LG (Access Code C19; turn knob clockwise).

AERODROME OBSTACLES

Trees in the vicinity of runway may impact the approach or departure of aircraft.

PHYSICAL CHARACTERISTICS

06/24	21	5700 kg/0.45 MPa Unrated. Gravel	WID 30	RWS 90
17/35	34a/b	5700 kg/0.65 MPa Unrated. Sealed	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 17/35 LIRL AFRU+PAL 119.1
RWY edge light spacing: 17/35: 87M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 126.8 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. Circuit training not permitted 2200-0700 Local.
2. ACFT on different RWY may not be visible to each other.
3. HLS FATO/TKOF 35M diameter. HLS MTOW unlimited.
4. Radios to be carried and used.

FLIGHT PROCEDURES

Right hand circuit RQ when OPR on RWY 17 and 24.

CTAF - AFRU 119.1

ADDITIONAL INFORMATION

1. Bird hazard exists.
2. Kangaroos may be on RWY - pilots should conduct a flyover before landing.

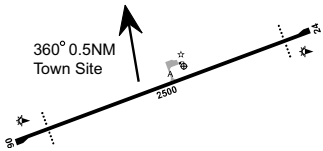
CHARTS RELATED TO THE AERODROME

WAC 3469.

MCARTHUR RIVER MINE

ELEV 136

AVFAX CODE 8020



NT UTC +9:30 YMHU
162636S 1360436E VAR 4 DEG E CERT
AD OPR McArthur River Mining Pty Ltd, PO Box 36821, Winnellie, NT, 0821. ARO 08 8975 8138: 0447 785 408: Fax 8975 8143. Fax 08 8975 8156.

REMARKS

1. Restricted OPS: 24HR PPR FM AD OPR.
2. Basic Aviation Restrict Standard (BARS) accredited and McArthur River Mine contracted airlines only - aeromedical exempted.
3. This AD is a Security Controlled Airport.
4. AD OPR CTC times daily BTN 2030-1030 UTC. Other times EMERG call-out only.
5. AD Charges may apply. Landing fees are payable by EFTPOS only.

HANDLING SERVICES AND FACILITIES

JET A1 AVBL. Contact ARO. Payment is by EFTPOS only (no carnet or other membership cards accepted).

AERODROME OBSTACLES

1. Cranes 278FT AMSL WI 300M RAD of conveyor antenna (marked and lit) BRG 048 MAG 1NM FM ARP.
2. Mobile machinery 176FT AGL BRG 049 MAG 1.3NM FM ARP infringes OLS by 28FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS Phone 08 7922 2510 - Report faults to AD OPR.
3. AWIS FREQ 133.250 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

06/24	065	82a	PCR 350/F/D/1.10 MPa/T		WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 06/24	LIRL	PAL+AA 120.65		SDBY PWR AVBL
RWY 06/24	PAPI	PAL+AA 120.65	3.0 DEG49FT	SDBY PWR AVBL

1. PPR for lighting from AD OPR
2. PAL operates for 60 MIN period.
3. HJ selection of PAL will activate PAPI, ABN and illuminate WDI.
4. RWY LGT operate only from twilight or in lower light conditions.
5. The last 10 MIN of the 60 MIN lighting period is signalled by illuminated WDI flashing.
6. RWY edge LGT spacing: RWY 06/24: 60M.

OTHER LIGHTING

ABN ALTN 6 WG Operation when lighting on.

1. SDBY PWR AVBL on 30 SEC response.
2. TWY LGT: Operation when lighting on.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 128.5 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. Parking limited for ACFT ABV 5,700 KG MTOW.
2. ACFT ABV 5,700KG MTOW must carry out 180DEG turns at RWY ends only.

Information may be continued on the next page: PTO

FLIGHT PROCEDURES
Right hand circuits RQ when OPR on RWY 06.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION
1. Blasting D242 SFC - 650FT AMSL. 0100-0200 UTC DLY, 0500-0600 UTC DLY or as amended by NOTAM.
2. Bird Hazard exists mainly Australian bustard and pink crested galah.
3. Public airport YBRL (Borroloola) APRX 22NM NE of YMHU.

CHARTS RELATED TO THE AERODROME
1. WAC 3221.
2. Also refer to AIP Departure and Approach Procedures.

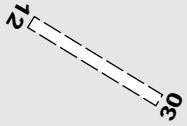
MCCAFFREY FIELD

ELEV 1216

FULL NOTAM SERVICE NOT AVBL

QLD		UTC +10	YMCF
272057S	1513050E	VAR 11 DEG E	UNCR

AD OPR Darling Downs Soaring Club Inc, PO Box 512, Annerley, QLD, 4103.
Email: president@ddsc.org.au. PH 07 3177 7164. PH AH 0417 629 782.
Website: www.ddsc.org.au.



REMARKS
1. PPR.
2. Private use.
3. Gliding and glider towing OPS daylight hours DRG weekends and when R654B is inactive.

HANDLING SERVICES AND FACILITIES
Nil fuel.

PHYSICAL CHARACTERISTICS

12/30	39c	Unrated. Grass. RWY LEN 1,200M.	WID 50	RWS 100

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	121.2

LOCAL TRAFFIC REGULATIONS
PRKG on W side of RWY only.

CTAF 126.7

ADDITIONAL INFORMATION
After significant rain, RWY is closed. Check with AD OPR on RWY conditions.

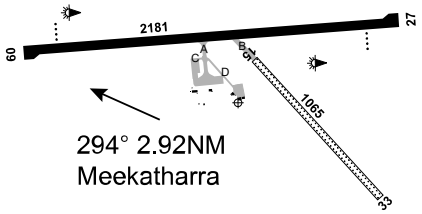
CHARTS RELATED TO THE AERODROME
WAC 3340.

MEEKATHARRA

ELEV 1696

AVFAX CODE 6601

WA UTC +8 YMEK
263642S 1183252E VAR 0 DEG E CERT
AD OPR Shire of Meekatharra, PO Box 129, Meekatharra, WA, 6642.
Email: CEO nathan.cain@meekatharra.wa.gov.au.
ARO Email: mike.cuthbertson@meekatharra.wa.gov.au
PH H24 0417 968 115. Council PH BH 08 9980 0600.



REMARKS

1. AD charges: All ACFT, non VH registered ACFT are to pay LDG fees to the AD Manager via EFTPOS on arrival.
2. This AD is a Security Controlled Airport.
3. Only Telstra mobile coverage AVBL.
4. AD is an alcohol free zone. Alcohol is not permitted to be brought onto or consumed at the AD.

HANDLING SERVICES AND FACILITIES

AIR BP: 2300-1000 UTC JO, JF HO/OR, AH 20 MIN PN (JET A1 underwing only), AH call-out fee applies. Phone 0417 968 115. JET A1 underwing only. AirBP Carnet/Sterling card or credit card. Cardswipe self serve bowser H24 AVGAS and JET A1 overwing.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 08 6216 2626 - Report faults to BoM.
3. AWIS FREQ 120.45 (1 SEC pulse to ACT, INFO will broadcast for three cycles) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

09/27	085	72a	PCR 190/F/A/Y/T Sealed	WID 30	RWS 150
15/33	139	35c	5700 kg/0.45 MPa Gravel	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 09/27	LIRL(1)	AFRU+PAL 126.55		SDBY PWR AVBL
RWY 09/27	PAPI	AFRU+PAL 126.55	3.0 DEG48FT	SDBY PWR AVBL

(1) PAL activates all LIRL HN.

1. HJ selection of PAL will only activate PAPI.
2. RWY LGT operate only from twilight or when poorer light levels exist.
3. RWY edge light spacing: 60M.
4. IWI will activate on PAL. Only primary IWI will flash in last 10MIN of 60MIN cycle.

OTHER LIGHTING

1. Secondary PWR switchover time: 45 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 122.6 On Ground

RADIO NAVIGATION AND LANDING AIDS

DME	MEK	112.9/ 76X	263625.4S	1183156.3E		(2)
NDB	MEK	251	263656.0S	1183224.6E	Range 120 (HN 80)	
VOR	MEK	112.9	263625.3S	1183157.0E		(1)

(1) 110/1.1 to ARP
(2) Antenna ELEV 1717FT.

Information may be continued on the next page: PTO

LOCAL TRAFFIC REGULATIONS

1. ACFT ABV 5,700KG MTOW must use turning nodes for 180 DEG turns RWY 09/27.
2. ACFT BLW 5,700KG MTOW are requested to use MAX RAD MNM speed turns to avoid pavement damage.
3. If Bay 1 on main APN is occupied access to AVGAS fuelling FAC is via GA PRKG area.
4. If Bay 1 is vacant all HEL requiring fuel shall taxi to or land on the designated helipad in centre of APN.
5. Fuelling Bay 1 MAX 90 MIN PRKG up to F100. AVBL H24.
6. GA PRKG area restricted to ACFT with wingspan less than 15M. 3 x tie-down points not rated.
7. TWY B MAX wingspan 24M.
8. TWY C MAX wingspan 18M.
9. TWY D is restricted to RFDS aircraft only.
10. PRKG Bays 1 and 3 on main APN AVBL for night use.
11. Bay 2 day use only up to F100, no overnight PRKG AVBL.
12. Bay 3 up to B1900/EMB120. AVBL H24.
13. Bay 4 up to B1900. Due insufficient LGT ACFT movements restricted to daylight hours only. Overnight parking AVBL.
14. ACFT operating on RWY 15/33 broadcast intentions to access RWY 09/27 via TWY B then TWY A to APN or TWY C to GA PRKG area.
15. Bay 5, 5A, 6, 6A and 7 restricted to RFDS ACFT only via TWY D.

CTAF - AFRU 126.55

ADDITIONAL INFORMATION

Weather balloon launch APRX 2315 UTC FM 1KM WSW ARP. Launches may occur at other times.

CHARTS RELATED TO THE AERODROME

1. WAC 3346.
2. Also refer to AIP Departure and Approach Procedures.

MELBOURNE

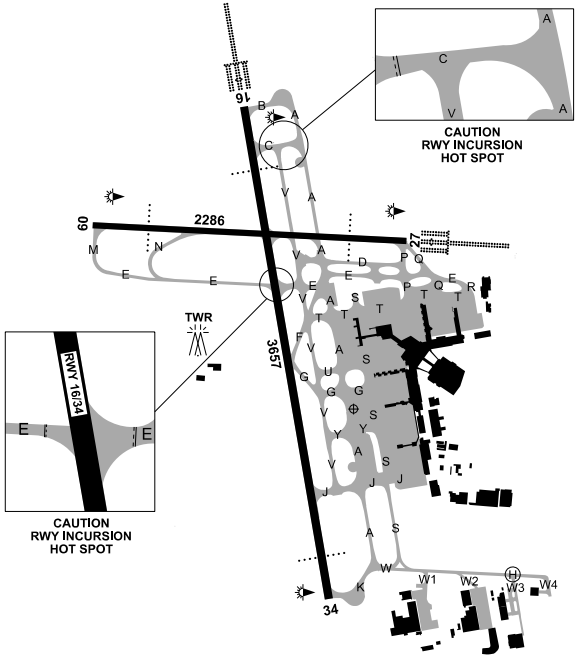
ELEV 434

AVFAX CODE 3001

VIC UTC +10 YMML

374024S 1445036E VAR 12 DEG E CERT

AD OPR Australia Pacific Airports (Melbourne) Pty Ltd, Locked Bag 16, Tullamarine, VIC, 3043. Email: airfieldsupport@melair.com.au. PH 03 9297 1600. Fax 03 9297 1886.



REMARKS

1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport.
3. Pavement concessions to be assessed by AD OPR for in excess of published PCR 1373.
4. AD operates as public.

HANDLING SERVICES AND FACILITIES

BP: phone 0499 246 313.
Mobil: phone 03 8346 6901.
VIVA: 1900-1600 UTC DLY. Phone 03 9338 7156. JET A1 only.
Skytanking: 0500-0000 UTC DLY. Phone 0439 000 021. JET A1.
Melbourne Jet Base (MJB) - Full FBO services and VIP facilities for ACFT up to 400,000KG. H24 with 2HR PN for Civil and MIL ACFT up to 50,000KG. Short/long-term hangarage (subject to availability) and apron PRKG AVBL on private apron, direct ACFT and vehicle access. Over the counter Customs, Immigration and Quarantine available H24 with PN. Apron Hangar located off W2. Phone +61 3 8370 9640. Email: ops@melbournejetbase.com.au or shane.collings@melbournejetbase.com.au. VHF 129.75 CS 'Melbourne Jet Base'.

General

AD OPR does not provide ACFT marshalling services. All requests for ACFT marshalling should be directed to the airlines or FBO (if applicable).

RESCUE AND FIREFIGHTING SERVICES

1. CAT 9.
2. 131.0 MHz AVBL H24. Request via ATC.

Information may be continued on the next page: PTO

APRONS AND TAXIWAYS

1. Terminal 1 apron area BTN pier B and C, not AVBL to ACFT ABV 47.6M wingspan.
2. Terminal 3 apron area BTN pier E and F, not AVBL to ACFT ABV 60.3M wingspan.
3. RUNWAY INCURSION HOTSPOT
   RWY 16/34 and TWY E.

SURFACE MOVEMENT GUIDANCE

RWY touchdown zone and fixed distance markings on RWY 16/34 and RWY 09/27.

AERODROME OBSTACLES

1. RVR transmissometers (unlit) (frangible) within RWS all RWY, 14FT AGL.
2. RWY 27 HIAL 409FT AMSL BRG 013 DEG MAG 1,343M FM ARP. Infringes RWY 09 TKOF SFC by 2FT.
3. RWY 16 HIAL 440FT AMSL PSN 373905.60S 1445004.6E. Infringes RWY 34 TKOF SFC by 3FT.
4. IWI (unlit) 431FT AMSL BRG 301 DEG MAG 2,378M FM ARP. Infringes transitional SFC by 4FT.
5. GP Apparatus (lit):
   a. Tower 450FT AMSL BRG 352 DEG MAG 1,409M FM ARP. Infringes transitional SFC by 42FT.
   b. Aerial 421FT AMSL BRG 353 DEG MAG 1,410M FM ARP. Infringes transitional SFC by 14FT.
   c. Tower 475FT AMSL BRG 324 DEG MAG 2,034M FM ARP. Infringes transitional SFC by 49FT.
   d. Aerial 443FT AMSL BRG 324 DEG MAG 2,154M FM ARP. Infringes transitional SFC by 15FT.
6. DME antenna (lit) 434FT AMSL BRG 344 DEG MAG 1,476M FM ARP. Infringes transitional SFC by 2FT.
7. BLDG (lit) 424FT AMSL BRG 320 DEG MAG 1,697M FM ARP. Infringes transitional SFC by 9FT.
8. Control TWR (lit) 582FT AMSL BRG 280 DEG MAG 1,292M FM ARP. Infringes inner horizontal SFC by 70FT.
9. Antennas (lit):
   a. 759FT AMSL BRG 038 DEG MAG 3,544M FM ARP. Infringes inner horizontal SFC by 242FT.
   b. 562FT AMSL BRG 054 DEG MAG 3,482M FM ARP. Infringes inner horizontal SFC by 45FT.
10. Radio mast (lit) 1,000FT AMSL BRG 213 DEG MAG 7,406M FM ARP. Infringes outer horizontal SFC by 139FT.
11. Towers (lit):
   a. 619FT AMSL BRG 312 DEG MAG 5,570M FM ARP. Infringes inner horizontal SFC by 103FT.
   b. 643FT AMSL BRG 312 DEG MAG 5,723M FM ARP. Infringes conical SFC by 67FT.
   c. 725FT AMSL PSN 373624.8S 1445023.3E. Infringes conical SFC by 49FT.
12. Spire (unlit) 524FT AMSL PSN 373834.60S 1444941.08E. Infringes transitional SFC by 7FT.
13. Stockpiles:
   a. Unlit, 679FT AMSL BRG 308 DEG MAG 7,247M FM ARP. Infringes conical SFC by up to 26FT.
   b. Lit, 829FT AMSL BRG 352 DEG MAG 6,807M FM ARP. Infringes conical SFC by up to 223FT.
14. Shed (unlit) 543FT AMSL PSN 373745.90S 1444850.01E. Infringes inner HZS by 26FT.
15. Water tanks (unlit) 951FT AMSL PSN 373608.40S 1444215.59E. Infringes outer HZS by 90FT.

16. Temporary obstacles (trees):
    a. 441FT AMSL PSN 373938.23S 1445109.42E. Infringes transitional SFC by 6FT.
    b. 433FT AMSL PSN 373939.6S 1445111.4E. Infringes RWY 27 APCH SFC by 1FT.
    c. 439FT AMSL PSN 373940.1S 1445112.4E. Infringes RWY 27 APCH SFC by 5FT.
    d. 361FT AMSL PSN 374127.0S 1445026.0E. Infringes RWY 16 TKOF SFC by 3FT.
    e. 362FT AMSL PSN 374127.9S 1445028.9E. Infringes RWY 16 TKOF SFC by 2FT.
    f. 370FT AMSL PSN 374129.8S 1445024.6E. Infringes RWY 34 APCH SFC by 2FT.
    g. 376FT AMSL PSN 374129.1S 1445022.6E. Infringes RWY 34 APCH SFC by 10FT.
    h. 492FT AMSL PSN 373838.5S 1445003.7E. Infringes RWY 34 TKOF SFC by 1FT.
    i. 506FT AMSL PSN 373836.1S 1444950.0E. Infringes RWY 16 APCH SFC by 3FT.
    j. 442FT AMSL PSN 373938.2S 1445109.2E. Infringes TNS by 2FT.
    k. 451FT AMSL PSN 373931.2S 1444935.5E. Infringes TNS by 1FT.
    l. 549FT AMSL PSN 373832.2S 1444943.4E. Infringes inner HZS by 33FT.
    m. 550FT AMSL PSN 373836.1S 1444940.2E. Infringes inner HZS by 33FT.
    n. 550FT AMSL PSN 373831.6S 1444943.8E. Infringes inner HZS by 33FT.
    o. 538FT AMSL PSN 373852.2S 1444945.6E. Infringes inner HZS by 22FT.
    p. 534FT AMSL PSN 373854.7S 1444947.2E. Infringes inner HZS by 17FT.
    q. 549FT AMSL PSN 373855.3S 1444945.0E. Infringes inner HZS by 26FT.
    r. 536FT AMSL PSN 373858.8S 1444946.3E. Infringes inner HZS by 19FT.
    s. 520FT AMSL PSN 373854.4S 1444947.9E. Infringes inner HZS by 4FT.
    t. 521FT AMSL PSN 373902.3S 1444949.2E. Infringes inner HZS by 5FT.
    u. 517FT AMSL PSN 373859.3S 1444948.8E. Infringes inner HZS by 1FT.
    v. 542FT AMSL PSN 373844.8S 1444943.7E. Infringes inner HZS by 25FT.
    w. 549FT AMSL PSN 373852.7S 1444942.7E. Infringes inner HZS by 33FT.
    x. 550FT AMSL PSN 373831.6S 1444943.9E. Infringes inner HZS by 33FT.
    y. 537FT AMSL PSN 373836.3S 1444941.7E. Infringes inner HZS by 20FT.
    z. 562FT AMSL PSN 373844.2S 1444942.9E. Infringes inner HZS by 45FT.
    aa. 492FT AMSL PSN 373838.43S 1445003.71E. Penetrates RWY 34 TKOF SFC by 1FT.
    ab. 553FT AMSL PSN 373832.33S 1444942.99E. Penetrates inner HZS by 37FT.
    ac. 549FT AMSL PSN 373836.21S 1444940.46E. Penetrates inner HZS by 32FT.
    ad. 550FT AMSL PSN 373831.57S 1444943.77E. Penetrates inner HZS by 33FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, TAF3 H24, AD WRNG, WS WRNG.
2. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM MWO 03 9669 4850.
3. AWIS PH 03 8470 3214 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

09/27	082	75a	PCR 1373/F/D/X/T Grooved.		WID 45	RWS 280
16/34	160	120a	PCR 1373/F/D/X/T Grooved.		WID 60	RWS 280

1. Concrete ends RWY 16, 27 and 34.
2. OFZ exists on all RWY.

AERODROME AND APPROACH LIGHTING

RWY 09/27	MIRL		SDBY PWR AVBL
RWY 09/27	PAPI(5)	3.0 DEG74FT	SDBY PWR AVBL
RWY 27	HIAL-CAT II(4)		SDBY PWR AVBL
RWY 27	HIAL-CAT III(4)		SDBY PWR AVBL
RWY 27	HIRL		SDBY PWR AVBL
RWY 27	RCLL		SDBY PWR AVBL
RWY 27	RTZL		SDBY PWR AVBL
RWY 16/34	HIRL		SDBY PWR AVBL
RWY 16/34	PAPI(5)	3.0 DEG74FT	SDBY PWR AVBL
RWY 16/34	RCGL		SDBY PWR AVBL
RWY 16/34	RCLL		SDBY PWR AVBL
RWY 16	HIAL-CAT II(3)		SDBY PWR AVBL
RWY 16	HIAL-CAT III(3)		SDBY PWR AVBL
RWY 16	RTZL		SDBY PWR AVBL
RWY 34	HSL(1)		SDBY PWR AVBL
RWY 34	RTIL(2)		SDBY PWR AVBL

Information may be continued on the next page: PTO

(1) Landing RWY 34 the Hold Short Line is marked with red and white runway Intersection Signs and is indicated by six occulting white flush fitted lights across RWY 34.
(2) RTIL installed to aid RWY ident.
(3) Associated SFL 600M. Not AVBL when cloud base is greater than 1000FT AGL and VIS greater than 5000M.
(4) Associated SFL 420M. Not AVBL when cloud base is greater than 1000FT AGL and VIS greater than 5000M.
(5) Both sides coincide with RWY Aim Point Markings.

1. **ALS type and length**
   a. RWY 16 - barrette CL: 900M.
   b. RWY 27 - barrette CL: 720M.
2. RCLL: full length of RWY, white in colour at 15M spacing to a point of 900M FM RWY end, thence alternating red/white to a point of 300M FM RWY end, thence red in colour.
3. HIRL: RWY edge light spacing full length of RWY, white in colour at 60M spacing to a point of 600M FM RWY end, thence yellow in colour.
4. RCGL: RWY edge light spacing full length of RWY, white in colour at 60M spacing.
5. MIRL: RWY edge light spacing full length of RWY, white in colour at 60M spacing.
6. RWY threshold lighting is green in colour and is supplemented by wingbars on RWY 16/34 only.
7. RWY end lighting is red in colour and not supplemented by wingbars.
8. RTZL extends 900M FM threshold.
9. RWY 09/27 MIRL may be partially obscured when downwind RWY 09.
10. Stopbars and Runway Guard Lights (RGL) at all RWY/TWY intersections.

OTHER LIGHTING

1. Secondary PWR switchover time: 1 SEC during LVP; 15 SEC OT.
2. **TWY LIGHTING**

2.1. G centre line lights on all TWY.
2.2. Where RQ yellow intermediate holding point lighting.

ATS AND AERODROME COMMUNICATION FACILITIES

ACD	MELBOURNE DELIVERY	127.2
APP	MELBOURNE APPROACH	132.0
ATIS	MELBOURNE ATIS	114.1 118.0
DEP	MELBOURNE DEPARTURES	118.9 (2) 129.4 (3)
SMC	MELBOURNE GROUND	121.7
TWR	MELBOURNE TOWER	120.5
VOLMET	AUSTRALIA	6676 (1) 11387 (1)

(1) H24, BCST 00 - 05 & 30 - 35. Refer AIP GEN 3.5.
(2) Routes 264 radial through N to 092 radial.
(3) Routes 263 radial through S to 093 radial.

RADIO NAVIGATION AND LANDING AIDS

GBAS	G09A	CH 21118 (RWY09)	374005.7S	1444959.1E	(6)
GBAS	G16A	CH 21940 (RWY16)	374005.7S	1444959.1E	(6)
GBAS	G27A	CH 21529 (RWY27)	374005.7S	1444959.1E	(6)
GBAS	G34A	CH 20707 (RWY34)	374005.7S	1444959.1E	(6)
DME	IMS	109.7/ 34X (RWY16)	373924.1S	1445001.2E	(3)
GP	IMS	333.2 (RWY16)	373924.1S	1445001.5E	
ILS	IMS	109.7 (RWY16)	374119.1S	1445029.5E	(4)
LOC	IMS	109.7 (RWY16)	374119.1S	1445029.5E	
DME	IMW	109.3/ 30X (RWY27)	373938.2S	1445040.4E	(5)
GP	IMW	332 (RWY27)	373938.5S	1445040.3E	
ILS	IMW	109.3 (RWY27)	373936.2S	1444836.4E	
LOC	IMW	109.3 (RWY27)	373936.2S	1444836.3E	
DME	ML	114.1/ 88X	373936.3S	1445031.8E	(2)
VOR	ML	114.1	373936.5S	1445031.2E	(1)

(1) Scalloping may occur beyond 50NM in sectors 270 to 290 DEG
(2) Antenna ELEV 399FT.
(3) Antenna ELEV 435FT.
(4) ILS RWY 16 Performance Classification III/E/4.
(5) Antenna ELEV 418FT.
(6) Between 50NM and 23NM from the GBAS site, GLS course deviation information is advisory only. Within 23NM from the GBAS site, GLS course deviation information is approved for the conduct of an Instrument Approach.

Other DME, ILS, MKR and no idents or ident XP, intermittently on test.

LOCAL TRAFFIC REGULATIONS

1. All aircraft must provide their parked position/gate number to ATC on acknowledgement of airways clearance.
2. All tugs and vehicles repositioning ACFT and/or equipment via the TWY must make initial CTC with Melbourne Delivery on 127.2 and state their current location, destination and aircraft type (if applicable). Melbourne Delivery will advise the tug or vehicle to standby for Ground on 121.7.
3. HEL must ARR and DEP from the RWY or TWY W HELIPAD. Exemptions may be provided by the Senior Airside Safety Officer, Car 2 0418 335 985.
4. Engine ground runs permitted - restrictions may apply. CTC Senior Airside Safety Officer, Car 2 0418 335 985.
5. For A380 ACFT DEP RWY 09/27 only, 10MIN PN must be given to ATC for all approvals.
6. Refer to *AIP DAP* for A380 and B748 for Aerodrome Ground Movement Charts.
7. **RESTRICTIONS DUE JET BLAST**
   a. ACFT operating on INTL, Domestic and Freight aprons are subject to the FLW limitations:
      (i) Engine starts using more than idle power are prohibited, unless authorised by ATC.
      (ii) ACFT must not start more than two engines until pushback procedure is complete.
      (iii) Arriving ACFT with wingspan ABV 36M must not apply power ABV ground idle on TXL or APN. If required, power application ABV ground idle on TXL or APN is subject to approval from Senior Airside Safety Officer (Car 2) (clauses *iv* and *v* applies). ACFT may be required to tow onto bay due jet blast (clause *vi* applies).
      (iv) ACFT with wingspan ABV 36M must not taxi ABV idle power on APN or TXL APN3, APN5 and arrival onto Bay H3.
      (v) ACFT with wingspan ABV 36M must not conduct single engine taxi on APN or TXL APN3, APN5 and arrival onto Bay H3.
      (vi) If ACFT with wingspan ABV 36M has stopped on TXL or APN prior to docking on Bays D1, D4, D5, D6, D8, D12, D13, D15, H1, H2 or H3, shut down engines, docking must be completed under tow.
      (vii) If ACFT with wingspan ABV 36M has stopped on TXL or APN prior to docking on Bays D7, D9, D10 or D11, ACFT may continue to taxi onto bay at idle power with approval of Senior Airside Safety Officer (Car 2).
   b. A380 and B747 ACFT must exercise caution when applying power on outboard ENG whilst taxiing to prevent erosion of TWY shoulders.
   c. A380 ACFT taxiing to Bays D13 and D15 must stop and shut down all engines on TWY T. ACFT must proceed to the bay under tow.
   d. Right turns from TWY T northbound onto TWY P, pilots are to exercise caution when applying power.
8. **TURNING**
   a. Left turns from TWY G Rapid Exit Taxiway (RET) into TWY V not AVBL to ACFT ABV 36M wingspan.
   b. Right turns from TWY V into TWY G (RET) not AVBL to ACFT ABV 36M wingspan.
   c. Right turns from TWY F (RET) into TWY V not AVBL to ACFT ABV 36M wingspan.
   d. Left turns from TWY V into TWY F (RET) not AVBL to ACFT ABV 36M wingspan.
   e. Right turns FM TWY E (via TWY R) into TWY T not AVBL to ACFT ABV 36M wingspan.
   f. Left turns FM TWY S into TWY W not AVBL to ACFT ABV 36M wingspan, unless under tow.
   g. Right turns FM TWY W into TWY S not AVBL to ACFT ABV 36M wingspan, unless under tow.

Information may be continued on the next page: PTO

h. Pilots of B777-300, A340-600, A340-500, A350-900, A350-1000 and type ACFT should exercise caution during turns as normal clearances to TWY edge may not be AVBL. Contact AD OPR for details of preferred taxi routes.

9. **TAXIWAY RESTRICTIONS**

a. Any deviations from taxiway/taxilane centre lines is prohibited unless advised to ATC and the Senior Airside Safety Officer (Car 2) and approved by a company engineer in attendance during the manoeuvre.
b. TWY S BTN TWY T and TWY U not AVBL to through TFC.
c. TWY S BTN TWY U and TWY G not AVBL to through TFC ABV 36M wingspan. OPS under tow are permitted for ACFT wingspan ABV 36M and BLW 65M via TWY S between TWY G and TWY U.
d. Pilots of A340-600 and B747-8 ACFT taxiing for Southern APN Bays H1, H2 and H3 must enter and exit the Southern APN via TWY J, or alternatively via TWY Y and TWY S.
e. TWY T BTN TWY R and TWY Q restricted to MAX wingspan of 60.3M and MAX taxi speed of 5KT for ACFT greater than 36M.
f. TXL APN2 not AVBL for ACFT ABV 36M wingspan.
g. Restrictions of simultaneous use of TWY V extension and TWY F BTN TWY V and TWY A are as follows:
   (i) Any ACFT taxiing southbound on TWY V and holding short of TWY F, restricts movements on TWY F between TWY V and TWY A to MAX Code C ACFT (A320/B737).
   (ii) A Code C ACFT (A320/B737) taxiing northbound on TWY V and holding short of TWY E, restricts movements on TWY F BTN TWY V and TWY A to MAX Code E ACFT (A350/B777).
   (iii) A Code E ACFT (A350/B777) taxiing northbound on TWY V and holding short of TWY E, restricts movements on TWY F BTN TWY V and TWY A to MAX Code C (A320/B737).

Note: in points i-iii above there are no wingspan restrictions on an ACFT which vacate RWY 34 onto rapid exit TWY F and subsequently taxi onto TWY T.

h. TWY F not AVBL for ACFT ABV 5,700KG LDG RWY 16.
i. TWY G not AVBL for ACFT ABV 5,700KG LDG RWY 34.
j. ACFT restrictions for TWY W are as follows:
   (i) W1 tow only unless exemption provided. CTC Senior Airside Safety Officer, Car 2 0418 335 985.
   (ii) W2 tow only to ACFT ABV 36M wingspan.
   (iii) TWY W east of W2 tow only to ACFT ABV 36M wingspan.
   (iv) W3 tow only unless exemption provided. CTC Senior Airside Safety Officer, Car 2 0418 335 985.
k. Taxilane APN 8 and taxilane APN 9 operate as dual taxilanes, restrictions apply:
   (i) Taxilane APN 8 services Bays F12, F14, F16, F18, F20 and F22A.
   (ii) Taxilane APN 9 services Bays G41, G43, G45, G47 and G49.
   (iii) Bay F12A AVBL for ACFT with wingspan ABV 36M under tow operation. Tow BTN Bay F12A and TWY S via secondary bay lead-in line. TXL APN 8 and TXL APN 9 not AVBL while tow operation is in progress. Tow operation into or out of Bay F12A not AVBL during HN.
l. TWY S BTN TWY J and TWY W AVBL to Code F ACFT under 'Follow Me' escort. 15MIN PN required. CTC Senior Airside Safety Officer (Car 2) 0418 335 985.
m. TWY S north of TWY T not AVBL to through TFC. OPS under tow permitted for ACFT with wingspan not ABV 65M to facilitate pushback.

10. **PARKING**

a. Parking of itinerant ACFT must be approved by the Integrated Operations Centre, 03 9297 1624, Fax 03 9297 1652. Email: sacc@melair.com.au at least 24HR prior to ETA.
b. International Concourse Delta, when Visual Docking Guidance System (VDGS) or Advanced Visual Docking Guidance System (A-VDGS) is switched off, the screen reads “STOP STOP”. This will remain illuminated until the VDGS is switched on.
c. ACFT must not continue docking if VDGS or A-VDGS is not activated or calibrated for their ACFT type unless a marshaller is present. If docking cannot proceed, hold PSN advise SMC.

11. **TRAINING, SURVEY AND AIRWORK FLIGHTS**

a. All ACFT planning practice instrument APCH (AVBL HR 2000-1300 UTC), survey or airwork WI the ML Terminal Airspace require prior ATC approval.

b. For training and airwork, pilots must contact the ML Traffic Manager on 03 9235 7337 to book a time slot. For ARR ACFT a request must be made to ML Centre by 120NM from Melbourne or on first contact for ACFT entering CTA within 120NM.

c. Training circuits are not permitted.

d. For survey flights, pilots must contact the ML Traffic Manager on 03 9235 7337 to discuss the planned operation prior to becoming airborne. Operations WI the lateral confines of the ML CTR should be conducted ABV A060. Lower altitudes may not be AVBL or will incur extensive delays. Preferred operating times for extended surveys are SAT afternoon and SUN morning.

FLIGHT PROCEDURES

1. ESTIMATED AIRBORNE TRAFFIC DELAYS

1.1. For ARR ACFT

a. May be expected due to terminal area traffic density and/or single RWY operations:

(i) MON-FRI 2100-0000 UTC and 0600-1100 UTC: 20MIN

(ii) SAT 2100-0000 UTC: 20MIN

(iii) SUN 0600-1100 UTC: 20MIN

(iv) DLY 0000-0600 UTC: 10 MIN

Note: All times 1HR earlier during HDS. Actual holding times may differ from holding estimates. Historical data on actual holding is available from the NOMC.

2. ATC TRAFFIC MANAGEMENT SPEED

When **not** on a SID or STAR (including vectoring) - ACFT ARR or DEP ML must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.

3. ARRIVAL PROCEDURES

By day, ATC may use 2,400M RWY separation between ACFT ARR to RWY 16/34. Both ACFT may occupy the RWY during application of the standard.

4. DEPARTURE PROCEDURES

Start clearance is required by ACFT DEP Melbourne for:

a. Essendon or Moorabbin; or

b. Practice instrument approach prior to DEP; or

c. AWK in terminal area.

5. HELICOPTER ACCESS CORRIDOR

'The Sunbury Corridor' established within 1NM either side of a line between SWT and Melbourne RWY 16/34 - 09/27 intersection. Vertical limit SFC - 2,000FT AMSL. The corridor includes a VFR tracking point, Powerline Crossing (PWLC). Refer to Melbourne VTC. Corridor available HJ subject to weather, Melbourne TWR workload and traffic disposition. To request the Sunbury Corridor contact:

a. Northbound - Essendon ground or TWR.

b. Southbound - Melbourne TWR approaching SWT.

When operating in the corridor turn on landing lights. If required to hold at PWLC helicopters should hover. Do not orbit unless instructed by ATC.

6. LOW VISIBILITY OPERATIONS

6.1. For CASA APV operators, RWY 16 and RWY 27 are capable of supporting low VIS take-offs without limit, however only:

a. RWY 16 and 27 are normally used for low VIS departures; and

b. RWY 16 is capable of supporting localiser guided takeoffs.

Note: Flight crew must inform ATC at start up about an intention to conduct a takeoff that requires localiser guidance.

6.2. Access to RWY 27 is via TWY P or TWY Q. Access to RWY 16 is via TWY B. Intersection departures are not permitted.

6.3. RWY 16 is the arrival RWY for low VIS operations and is capable of supporting Category II and III approaches.

6.4. Approved TWY exits are TWY G, TWY J and TWY K

Information may be continued on the next page: PTO

6.5. The following TWY are NOT suitable for use in RVR conditions of less than a value of 350M:
   a. TWY T between TWY P and TWY R.
   b. TWY S between TWY Y and TWY J.
   c. TWY W east of TWY S.

6.6. All TWY are suitable for use in conditions of greater than RVR 350M.

6.7. Refer to *AIP DAP* for Aerodrome Ground Movement Charts.

7. LOW VISIBILITY PROCEDURES

7.1. Preparations for the initiation of Low Visibility Procedures (LVP) are commenced when VIS has reduced to 1,000M and/or the cloud ceiling is at or below 500FT and is further reducing or VIS on any part of the AD is insufficient to exercise control on the basis of visual surveillance. LVP initiation may occur earlier if conditions deteriorate rapidly.

7.2. When RVR is at or below 550M (less than 800M if RVR not AVBL) or when the cloud ceiling is at or below the CAT I minima, the ILS critical and sensitive areas are protected and 'LOW VISIBILITY PROCEDURES IN FORCE' is declared.

7.3. LVP are progressively lifted when the cloud ceiling is above the CAT I minima and the visibility reaches 850M and is increasing.

7.4. In the event of failure of RVR equipment, RWY visibility assessments will be provided.

7.5. ATC uses Advanced Surface Movement Guidance Control System (A-SMGCS) to monitor ACFT and vehicles on the Manoeuvring Area.

7.6. If A-SMGCS is unserviceable during LVP:
   a. ATC will further restrict operations on the Manoeuvring Area.
   b. Position reporting procedures may be implemented.

8. FOLLOW ME SERVICE

8.1. Flight Crew must notify ATC if a 'Follow Me' service is required.

9. LAND AND HOLD SHORT OPERATIONS (LAHSO)

9.1. LAHSO is used at Melbourne. See the YMML RDS for 'LDA for LAHSO' information.

9.2. In the event of a go-around, ATC may assign an avoiding action turn to either ACFT.

9.3. A turn commenced at the minimum turn HGT for the ACFT, together with a climb at normal go-around climb rates, will provide adequate OBST clearance.

10. RWY 09 ARRIVALS AND RWY 16 DEPARTURES SIMULTANEOUS OPERATIONS

10.1. Simultaneous operations will be conducted with ACFT landing on RWY 09 and departing on RWY 16 from TWY E (370M FM RWY INT).

11. AIR TRAFFIC FLOW MANAGEMENT (ATFM)

11.1. Ground Delay Program (GDP)
   a. Melbourne GDP is run on demand and promulgated by NOTAM BTN 2000-1400 UTC (1HR earlier HDS). Melbourne GDP are applicable to all fixed wing, non-priority flights departing from all Australian domestic airports, and arriving at Melbourne.
   b. Except as specified in the note below, flights from all Australian airports are required to operate in accordance with COBT. The COBT can be obtained through their company or the NOMC Phone: 1800 020 626^.
   c. Flights departing within a 60NM radius of Melbourne must also obtain a start clearance from the departure airport when active or from Melbourne ATC Phone: 03 9235 7337^

11.2. Airport Collaborative Decision Making (A-CDM)

A-CDM at Melbourne is run continuously H24 and is applicable to all IFR fixed wing non-priority flights departing Melbourne, who are required to comply with A-CDM in accordance with procedures outlined in *AIP ENR 1.9*. Compliance with a Target Off Blocks Time (TOBT) is required. All flights departing Melbourne airport are required to submit a TOBT through a local Designated Ground Handling Agent (DGHA) or local Fixed Base Operator (FBO). Further enquiries can be made via your company or designated ground handler or Melbourne Airport Integrated Operations Centre 03 9297 1624.

11.2.1. Start and Pushback Procedures

a. Departing aircraft with ground power must contact Melbourne Delivery ready for pushback or start. Aircraft will be instructed to standby for Ground once compliant with any applicable ATFM procedures. Melbourne Ground will approve pushback or start clearance when able.

b. Departing aircraft without ground power are approved to start at own discretion, advising Melbourne Clearance Delivery when start complete. Aircraft for pushback will be instructed to standby for Ground once compliant with any applicable ATFM procedures. Aircraft for taxi from the bay will be instructed to contact Ground for taxi clearance once compliant with any applicable ATFM procedures. Ground will approve pushback or taxi when able.

NOISE ABATEMENT PROCEDURES

Noise Abatement Procedures (NAP) apply. Refer AIP DAP.

ADDITIONAL INFORMATION

1. Wildlife hazard exists.
   a. The following species are present all year round:
      (i) Australian Magpies - may transit across RWS.
      (ii) Wedge-tailed eagles during HJ in thermal above N and W ends of the aerodrome.
      (iii) Ibis and ducks following MOD RA, thunderstorms and adverse WX.
      (iv) Little Raven – flocks may forage inside RWS.
      (v) Feral Pigeon – may transit across south end of aerodrome.
      (vi) Rainbow lorikeet – may transit E end of aerodrome.
   b. A seasonal increase in the numbers of the following species can be EXP:
      (i) Common starling – increase EXP within 2 hours of first and last light, BTN JAN and JUL. Transit across east end of RWY 27.
      (ii) Grey-headed Flying-fox during HN. Increase EXP BTN JAN and APR.
      (iii) Flocks of small birds feeding in air above RWS and short final EXP JUL to MAR including Fairy Martin, Welcome Swallow and Tree Martin.
      (iv) Brown Falcon - increase EXP BTN JUN and NOV.
   c. Increased bird activity during and post rainfall and adverse weather events including Australian White Ibis, Straw-necked Ibis, Silver Gull, and ducks.
   d. Species specific NOTAM will be issued during periods of increased activity.
2. Security screening is required for all passengers from all passenger ACFT, irrespective of size, departing from any of the Domestic, International or Freight Apron areas at Melbourne Airport. A charge is applicable for this service and a schedule of charges can be obtained from the Aerodrome Operator on 03 9297 1024. Any queries should also be directed to the Aerodrome Operator on the same number.
3. ACFT carrying Dangerous Goods Class 1 explosives require approval from AD OPR at least 48HR prior to ETA.
4. Model ACFT OPR WI 500M RAD of PSN 374042.1S 1444723.1E BRG 251 MAG 2.4NM FM ARP. SFC to 300FT AGL.
5. Blasting may occur BRG 353 DEG MAG 3.6NM FM ARP. SFC to 500FT AGL.

CHARTS RELATED TO THE AERODROME

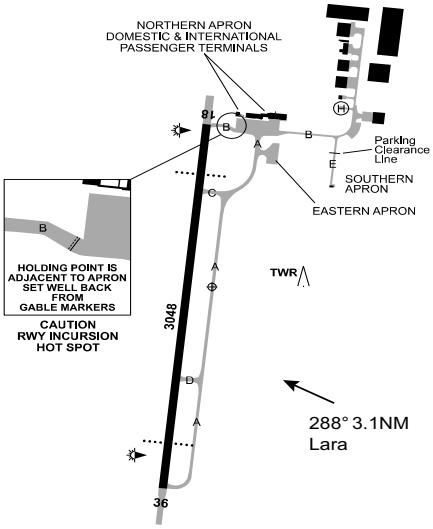
1. WAC 3469, 3470.
2. Aerodrome Obstruction Chart Type A: June 2026.
3. Aerodrome Obstruction Chart Type B: July 2009.
4. Precision Approach Terrain Charts AVBL from AD OPR.
5. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

MELBOURNE/AVALON ELEV 35

AVFAX CODE 3004

VIC UTC +10 YMAV
380222S 1442810E VAR 12 DEG E CERT
AD OPR Avalon Airport Australia Pty Ltd, Locked Bag 9, Lara, VIC, 3212.
Email: enquiries@avalonairport.com.au. PH 03 5227 9100. ARO 03 5227 9470.
PH AH 03 5227 9150.



REMARKS

1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport.
3. All ACFT ABV 10,000KG MTOW nominating Avalon as an alternate require prior permission from AD operator.

HANDLING SERVICES AND FACILITIES

BP: Avalon Airport Australia Pty Ltd. 1830-1330 UTC. AH call-out fee may apply.
Phone 03 5227 9470, AH 03 5227 9150. JET A1. Air BP fuel card and Air BP account.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 6 - 1945-1330 UTC DLY. 1HR earlier HDS.
2. WI published hours of operation, CAT 7 is AVBL for diverting ACFT upon notification.
3. 131.0 MHz AVBL HO.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, AD WRNG.
2. AWIS Phone 03 8470 3200 - Report faults to BoM.
3. AWIS FREQ 116.1 AVBL outside TWR HR - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

18/36 176 100a PCR 800/F/C/X/T Grooved WID 45 RWS 300
Concrete ends RWY 18 and 36.

AERODROME AND APPROACH LIGHTING

RWY 18/36	MIRL	AFRU+PAL 120.1		SDBY PWR AVBL
RWY 18	PAPI(1)	AFRU+PAL 120.1	3.0 DEG69FT	SDBY PWR AVBL
RWY 36	PAPI(1)	AFRU+PAL 120.1	3.0 DEG65FT	SDBY PWR AVBL

(1) Double sided.

1. RWY 18/36 edge light spacing: 60M.
2. If PAL activation fails, Phone ARO for MAN activation.
3. SDBY PWR (automatically activated) switchover time: 15 SEC.

OTHER LIGHTING

HBN FLG 2 R ELEV 1188FT, 5.7NM NNW of ARP

1. Secondary PWR switchover time: 1 SEC during LVP; 15 SEC OT.
2. TWY CL LGT G.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	135.7 On ground
APP	AVALON APPROACH	133.55 (1)
ATIS	AVALON ATIS	116.1 118.2
TWR	AVALON TOWER	120.1
UNICOM	AVALON SAFETY	129.3 (2)

(1) On ground.

(2) AVBL 0430-2330 Local DLY. Fuel, ACFT parking and general ground support.

1. TWR HR:
   a. 2100-1200 UTC (0700-2200 Local) DLY.
   b. 2000-1200 UTC (0700-2300 Local) DLY HDS.
   Note: TWR HR may change at short notice, check the status of airspace with ATS or Avalon ATIS.
2. Outside TWR HR the Avalon controlled airspace becomes Class E from 700FT AGL WI the lateral boundary of the CTR (upper level 2,500FT AMSL) and WI the steps from 1,500FT AMSL to an upper level of 4,500FT AMSL. SFC to 700FT AGL WI the lateral boundary of the CTR becomes Class G.

RADIO NAVIGATION AND LANDING AIDS

DME	AV	116.1/108X	380256.7S	1442733.3E	(2)
VOR	AV	116.1	380256.0S	1442732.2E	(1)
DME	IAV	109.5/ 32X (RWY18)	380150.2S	1442814.9E	(3)
GP	IAV	332.6 (RWY18)	380150.2S	1442814.9E	
ILS	IAV	109.5 (RWY18)	380334.2S	1442750.4E	
LOC	IAV	109.5 (RWY18)	380334.2S	1442750.4E	

(1) Operated by AD OPR. FREQ used for ATIS during TWR HR, and AWIS outside TWR HR.

(2) Antenna ELEV 70FT.

(3) Antenna ELEV 50FT.

LOCAL TRAFFIC REGULATIONS

1. Pilots of widebody ACFT are required to apply MNM power when taxiing to prevent damage to TWY shoulders.
2. Limited parking AVBL. Contact ARO.
3. Code E and F ACFT must be under tow from intersection of TWY A and TWY B when accessing the hangar precinct. 24HR PN. Phone ARO.
4. Code F ACFT are not permitted to free move on TWY B past the passenger terminal when code C, D or E ACFT are parked at the terminal. Wing tip clearances cannot be met for code F ACFT in this situation - code F ACFT under tow only.
5. Outside TWR HR ACFT parked on Northern Apron Bay 1 must pushback east only.
6. TWY A Restriction: TWY A past TWY D not AVBL to code C ACFT (or larger) when a code C ACFT (or larger) is HLDG on TWY D.
7. **Instrument approach training:** all ACFT planning practice instrument APCH (AVBL 2000-1200 UTC, 1HR earlier during HDS) require prior ATC approval. Pilots must book a slot online at www.bookawk.com.
8. 180 DEG turns on RWY18/36 not permitted for Code C ACFT and above.

FLIGHT PROCEDURES

1. ATC TRAFFIC MANAGEMENT SPEED

When **not** on a SID or STAR (including vectoring) - ACFT ARR or DEP AV via Class C airspace must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.

Note: Pilots must also comply with Class D airspace speed limits. Cancellation of ATC traffic management speeds does not cancel Class D airspace speed limits.

Information may be continued on the next page: PTO

2. LOW VISIBILITY OPERATIONS

2.1. LVO AVBL during TWR HR:

a. Preparations for the activation of LVP are commenced when the visibility has reduced to 1,500M and is further reducing. This ensures that the LVP are in force at or just prior to the visibility reducing to 800M.

b. For CASA approved operators, low VIS DEP on RWY 18/36 not AVBL BLW 550M VIS.

c. ACFT OPS in VIS BLW 800M not supported when ATC not AVBL. Prior arrangement only, CTC AD OPR.

d. Pilot must notify ATC if a “follow me” service is required.

3. All ACFT are REQ to make entry to circuit, inbound and taxi calls in addition to the mandatory calls due to WIP on and in the VCY of RWY and TWY outside tower HR.

CTAF - AFRU 120.1

CTAF-AFRU operates outside TWR HR.

NOISE ABATEMENT PROCEDURES

Noise Abatement Procedures (NAP) apply. Refer AIP DAP.

ADDITIONAL INFORMATION

1. Bird hazard exists. Expect increased activity of juvenile magpies near midpoint of RWY, during months August to December.
2. Quarry blasting from APRX 1NM SE of ARP. MON-FRI HJ. CTC Mountain View Quarry, Point Wilson (03) 5282 2077.

CHARTS RELATED TO THE AERODROME

1. WAC 3469, 3470.
2. Aerodrome Obstruction Chart Type A: RWY 18/36, Edition 12 - June 2025.
3. Also refer to AIP Departure and Approach Procedures.

MELBOURNE/ESSENDON

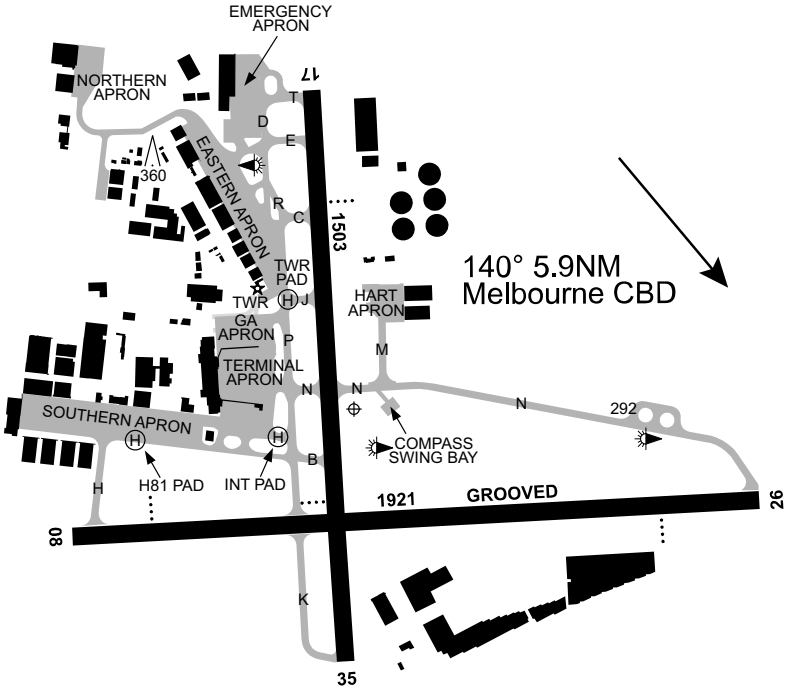
ELEV 282

AVFAX CODE 3002

VIC UTC +10 YMEN

374341S 1445407E VAR 12 DEG E CERT

AD OPR Essendon Airport Pty Ltd, Essendon Fields House, Level 2, 7 English Street, Essendon Airport, VIC, 3041. Email: aviation@ef.com.au: airportops@ef.com.au. PH 03 9948 9300. PH Airport Operations Officer 0418 335 549. Website: www.ef.com.au.



REMARKS

1. AD Charges: refer to website for fees and Conditions of Use or CTC AD OPR.
2. This AD is a Security Controlled Airport, ASIC requirements apply.
3. Aero crossings planned BTN (Local): 0700-2200 are to be booked a MNM of 60MIN in advance with ARO. Aero crossings planned BTN 2200-0600 are to be booked with 24HR PN with ARO. Crossings BTN 0600-0700 should be booked before 2200 (previous day). CTC Airport Operations Officer.
4. Persons unfamiliar with AD and airside access procedures should CTC Airport Operations Officer BTN 0600-2200 Local to obtain location briefing prior to ACFT departure to Essendon.

Information may be continued on the next page: PTO

HANDLING SERVICES AND FACILITIES

Aerofuels Essendon - World Fuel Services and Viva Energy Aviation: JET A1 and AVGAS 100LL - 24HR 7 Days, Phone 03 9379 1518, VHF 129.9 - CS Refuel “AVGAS” or “JET”.
Carnet, V and MC.
Melbourne Corporate Jet Centre - FBO: H24 with 2HR PN. Phone 03 9094 3759,
Email fbo@acjc.com.au VHF 129.625 CS “MCJC BASE”. Full FBO service to CIVIL and MIL ACFT up to 50,000KG including facilitation of Customs/AQIS with PN. Short/Long term parking and hangarage available.
Platinum Business Aviation Centre - full FBO services and VIP lounge. H24 with 2HR PN for all CIVIL and MIL ACFT up to 50,000KG. Short/Long term hangarage AVBL and PRKG on private APN. Direct airside and VIP vehicle access to ACFT. Full Customs, Immigration and Quarantine over the counter facilitation AVBL with PN. Phone OPS 24/7 +61 499 400 333 or +61 3 9101 9300
Email: ymen@platinumbac.com, VHF 133.975 Callsign “Platinum Essendon Fields”.
EXECUJET - Full FBO services, VIP lounge and maintenance. H24. Short/long term hangarage and PRKG AVBL, direct and airside vehicle access AVBL - hangar located end TWY H RWY 08. Customs, Immigration and Quarantine AVBL with PN. Phone +61 3 9937 2000.
Email: fbo.ymen@execujet.com.au VHF 131.1 Callsign ‘Execujet Essendon’.
Sharp Airlines - Phone 03 9374 3987 or 0422 366 151. Email operations@sharpairlines.com.au. VHF 127.47 - Callsign ‘Sharp Essendon’. H24 with 2HR PN. Can arrange WC and watering servicing. Full FBO services to ACFT up to 50,000KG, passenger terminal and facilities, catering, parking and Customs/AQIS with PN.
Shortstop Jet Charter - Full FBO services and facilities. H24 with 2HR PN for all aircraft up to 50,000KG. Phone 03 9379 9299. Email: operations@shortstop.com.au. VHF 135.95 Callsign ‘Shortstop Operations’.
Craddock Aviation - AIR BP, H24 DLY. Phone 03 9094 4720, 0428 569 734,
Email: mebstaff@craddockaviation.com.au. AH 0428 569 734. Radio FREQ 131.375MHz. Call-out fee may apply to non-contracted customers, JET A1.

General

The AD OPR does not provide ACFT marshalling services. All requests for ACFT marshalling should be directed to the airlines or FBO.

PASSENGER FACILITIES

TX/HC/BU/LG/RF/WC/AC (Hyatt Place).

SURFACE MOVEMENT GUIDANCE

RWY 35 fixed distance and touch down zone markings displaced 33M to N.

AERODROME OBSTACLES

1. Various permanent obstacles such as lit towers, poles and masts in take-off, approach and transitional surfaces.
2. Permanent obstacles such as buildings, transmission towers, phone towers, stadium, street and flood lights and aerials in inner horizontal and conical surface.
3. For detailed information regarding permanent and temporary obstacles, refer to NOTAM/AIP SUP and/or CTC AD OPR.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS Phone 03 8470 3207 - Report faults to BoM.
3. AWIS FREQ 133.2 - Report faults to AD OPR.
4. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM MWO 03 9669 4850.

PHYSICAL CHARACTERISTICS

08/26	076	63a	PCR 120/F/C/X/T Grooved	WID 45	RWS 180
17/35	166	49a	PCR 280/R/A/W/T	WID 45	RWS 150

Braking SFC friction variable due no grooving on concrete SFC BTN TWY H and RWY 08 THR.

AERODROME AND APPROACH LIGHTING

RWY 08/26	HIRL		SDBY PWR AVBL
RWY 08/26	MIRL		SDBY PWR AVBL
RWY 08/26	PAPI(1)	3.0 DEG49FT	SDBY PWR AVBL
RWY 17/35	MIRL		SDBY PWR AVBL
RWY 17/35	PAPI(1)	3.0 DEG49FT	SDBY PWR AVBL

(1) Left side.

1. RWY edge light spacing: 08/26: 58M, 17/35: 58M.
2. RWY guard lights (RGL) at all RWY/TWY intersections.
3. White lights of freeway 0.25NM S and parallel to RWY 08/26.
4. Outside TWR HR, AD LGT displayed CONS.

OTHER LIGHTING

ABN FLG 4 W

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Green CL.
3. APN flood lighting not connected to secondary PWR supply.
4. Solar powered retroreflective markers in use within Southern APN W of TWY B and Northern APN. Areas with retroreflective markers are not to be used during low-visibility operations.
5. RWY holding position inset yellow lights on TWY N, protecting the RWY 26 ILS sensitive area.
6. Two x 3 inset yellow lights at holding position in the eastern run-up bays.
7. Three inset yellow lights at holding position in the northern run-up bay.

ATS AND AERODROME COMMUNICATION FACILITIES

APP	MELBOURNE APPROACH	132.0
ATIS	ESSENDON	119.8 (3)
DEP	MELBOURNE DEPARTURES	118.9 (1) 129.4 (2)
SMC	ESSENDON GROUND	121.9
TWR	ESSENDON TOWER	125.1

(1) Routes 264 radial through N to 092 radial.

(2) Routes 263 radial through S to 093 radial.

(3) Outside TWR HR ATIS "Z" will be BCST with INFO regarding control service AVBL FM ML APP - refer Flight Procedures for OPS outside TWR HR.

1. TWR HR: 2000-1300 UTC DLY (1HR earlier during HDS). ATS H24.
2. Phone AACC 03 9235 7337^.

RADIO NAVIGATION AND LANDING AIDS

DME	IEN	109.9/ 36X (RWY26)	374347.0S	1445438.2E	(3)
GP	IEN	333.8 (RWY26)	374347.4S	1445438.0E	(1)
ILS	IEN	109.9 (RWY26)	374353.2S	1445328.6E	(2)
LOC	IEN	109.9 (RWY26)	374353.2S	1445328.6E	(1)

(1) Pilot Monitored outside TWR HR.

(2) Incorrect course indication may be experienced EN RWY 26 LOC WI 10NM E of MOSVO. Cross check WI GNSS.

(3) Antenna ELEV 261FT.

LOCAL TRAFFIC REGULATIONS

1. **GENERAL**
   a. PPR via airport OPS email for itinerant parking on Terminal APN and Bay 30-36 Southern APN.
   b. Parking restrictions may apply to ACFT over 5,700KG. Itinerant operators may obtain details from the AD Operations Officer 0418 335 549 prior to arrival.
   c. TWY J entry to RWY 17/35 not AVBL for fixed wing ACFT.
   d. TWY J RESTR to daylight hours only and ACFT under 25,000KG.
2. **AIRWORK WITHIN ML TERMINAL AREA**
   a. All ACFT planning AWK WI ML Terminal Airspace require prior ATC approval.
   b. Pilots must contact the ML Traffic Manager on 03 9235 7337^ to book a time slot.

Information may be continued on the next page: PTO

3. **INSTRUMENT APPROACH TRAINING**
   a. All ACFT planning practice instrument APCH (AVBL 2000-1100 UTC, 1HR earlier during HDS) RQ prior ATC approval. Pilots must book a slot online at www.bookawk.com. Airwork booking for the following days will not be taken until after 0800 UTC.
   b. Practice instrument approaches with circling or overshoot are restricted to ACFT below 30,000KG MTOW.
   c. Pilots are to ensure accurate compliance with missed approach instructions issued by TWR controllers. Due to the proximity of ML AD, varying break-off points may be issued. Training requirements must not inhibit compliance with ATC instructions. Simulated engine failure is subject to ATC approval.
4. For CASA approved operators, all RWYs are capable of supporting takeoffs with an RVR/ RWY VIS of 800M or more.
5. **HELICOPTER OPS**
   a. Helicopter operation to the Terminal APN, GA APN and Northern APN restricted to APV operators. CTC AD OPR or via airport OPS email.
   b. Hangars 18 and 19 (Hart Precinct) restricted to APV operators. CTC AD OPR. HEL are not to directly ARR/DEP from APN unless operationally required by ATC.
   c. During daylight hours HEL AWK may be taking place from a training site contained within an area BTN the GP antenna, 150M radius east of the anemometer, TWY N and RWY 08/26 clear of the marked runway strip, known as the Eastern Grass. HEL OPS not ABV 100FT AGL. HEL not to OPR within 150M of the BoM anemometer. Restricted to APV OPR. CTC AD OPR.
   d. Helicopter ground and air taxi not permitted through the aero crossing.
6. **FLIGHT PLAN RQMNTS - Refer to ERSA GEN.**

FLIGHT PROCEDURES

1. **ESTIMATED AIRBORNE TRAFFIC DELAYS**

1.1. For ARR ACFT:
   a. May be expected due to terminal area traffic density:
      (i) MON-THU 0845-0945 Local: 10 MIN
      (ii) FRI 0945-1045 Local: 10 MIN.

   Note: Actual holding times may differ from holding estimates. Historical data on actual holding is available from the NOMC.

2. **ATC TRAFFIC MANAGEMENT SPEED**
   When **not** on a SID or STAR (including vectoring) - ACFT ARR or DEP EN must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.
3. When EN TWR is active, EN TWR is allocated the SE quadrant of ML CTR and adjacent C airspace step up to 2,000FT. ACFT wishing to OPR in this airspace must call EN TWR 125.1 at VFR APCH points. Pilots are REQ to display landing lights when possible.
4. ACFT operating in EN TWR airspace shall SQUAWK code 0100 unless assigned another code.
5. Due to the proximity of ML AD, it is essential that pilots comply accurately with tracking instructions.
6. Start clearance required for ACFT departing EN for ML for airwork in the ML Terminal Area or for practice instrument APCH on DEP.
7. Start clearance RQ for ACFT departing EN for MB ABV A020 and ACFT departing EN for AV above A020.
8. **OPERATION OUTSIDE TWR HR:**
   a. Outside TWR hours, ML APP is responsible for all ACFT operating into and out of EN AD, including the SE quadrant of the ML CTR normally controlled by EN TWR. Due to the special nature of this non TWR operation and the restrictions imposed on the use of the runways, all aircraft may expect delays. Lodgement of a flight plan is required for OPR in this airspace outside TWR hours (refer AIP DAP East for exemptions).
   b. DEP ACFT must obtain a start clearance on 118.45.
   c. ACFT requesting a clearance from OCTA through that airspace normally allocated to EN TWR shall obtain airways clearance from ML Centre on 135.7.

d. In the event of radio failure on the ground, continue to TX intentions, return to apron and contact ATC on 03 9235 7337^.
e. Taxi, landing or takeoff clearances will not be issued. Pilot in command has sole responsibility for ACFT ground movement and avoidance of other ACFT and obstacles. all ACFT must notify ground movement on 118.45. Advice of other traffic on the manoeuvring area will be provided.
f. RWY must not be used for taxiing or run-ups, but clearance is not RQ to cross a RWY.
g. ATC will instruct ACFT taxiing for departure to report “ready” at the RWY HLDG point for departure instructions. Due to the complexities associated with operations at Melbourne, ACFT should not enter the departure RWY until specific departure instructions are issued.
Note: An airways clearance does not constitute departure instructions.
h. ACFT must commence takeoff within three (3) minutes of issue of DEP instructions, otherwise new instructions must be obtained.
i. SAR WATCH will commence after issuance of departure instructions.

9. **CIRCUITS OR SIMULATED ENG FAILURES**
a. All ACFT planning circuits require prior ATC (EN Tower) approval.
b. Circuits or simulated engine failures at EN are subject to the following limitations:
(i) ACFT MTOW not above 5,700KG and must be propeller driven;
(ii) Low level circuits not below the circling minima.

10. **MULTI-ENGINED ACFT:**
a. Circuits AVBL HR 2100-1200 UTC.
b. **ASYMMETRIC OPS INVOLVING FEATHERING OF PROPELLERS NOT PERMITTED.**
c. May simulate ENG failure under the following conditions:
(i) HJ only;
(ii) Only RWY 35 full length to be used;
(iii) In retractable undercarriage ACFT, simulated ENG failure after TKOF is not to be initiated prior to selecting undercarriage up;
(iv) ACFT to be under the command of a pilot possessing current multi-ENG endorsement approval.

11. **SINGLE ENGINED ACFT:**
a. Circuits AVBL HJ for endorsement and test flights only.
b. **SIMULATED ENGINE FAILURES NOT PERMITTED**.

12. **GROUND DELAY PROGRAM (GDP)**

12.1. Essendon Arrivals during Melbourne GDP
a. When the Melbourne TAF indicates a visibility of less than 5,000M and a ceiling of less than 1,600FT an Essendon Slot Scheme may be operating. This is dependant on weather and runway configurations planned to be in operation between the two Airports during the GDP, as Essendon Arrivals may become part of the arrivals sequence into Melbourne.
b. Fixed wing ACFT arriving at Essendon during these periods must contact the National Operations Management Centre (NOMC) on 1800 020 626^ to book a slot for arrival into Essendon.
c. Operators who upload a schedule into Metron Harmony or provide a schedule to the NOMC will have their ACFT automatically assigned a slot. ACFT operators will still need to confirm their allocated slot time with the NOMC.
d. All ACFT subject to the Essendon slot scheme must arrive within -5/+15 minutes of their allocated Slot. Pilots unable to operate within the compliance window must contact the NOMC to obtain a new Slot.
e. Failure to obtain or comply with a Slot and/or to submit a flight plan for a flight to Essendon Airport may result in extensive airborne holding or Airways Clearance being withheld if Essendon Airport has no compatible arrival Slots available.
f. A NOTAM will be issued notifying times the Essendon Slot Scheme is in operation or cancelling it if weather conditions change.
g. Priority Flights as defined in *AIP ENR 1.4,* are exempt from this procedure.

Information may be continued on the next page: PTO

NOISE ABATEMENT PROCEDURES

1. The Air Navigation (Essendon Fields Airport) Regulations 2018 impose a MTOW limitation on operations at Essendon Airport.
   a. An operator of an aircraft must not engage in conduct that results in an aircraft taking off from, or landing at, Essendon Fields Airport if the aircraft has a MTOW of 45,000KG or more.
   b. Paragraph 1.a. does not apply if the aircraft has MTOW of no more than 50,000KG and the associated legislative requirements are applied.
   c. The regulation is available online: https://www.legislation.gov.au/F2018L01687/latest/downloads
2. Additional noise abatement procedures apply (see *AIP DAP East*).
3. State aircraft are exempt from curfew requirements (hours of operation and MTOW limits) and are requested to apply fly neighbourly procedures at Essendon Fields Airport.

ADDITIONAL INFORMATION

1. Bird hazard exists in runway strip areas:
   a. Magpies present all year round.
   b. Species specific NOTAM will be issued during period of increased activity.
2. PJE OPS WI 2NM RAD of Point Ormond (APRX BRG 150DEG, 9NM FM YMEN ARP) SFC-FL140.

CHARTS RELATED TO THE AERODROME

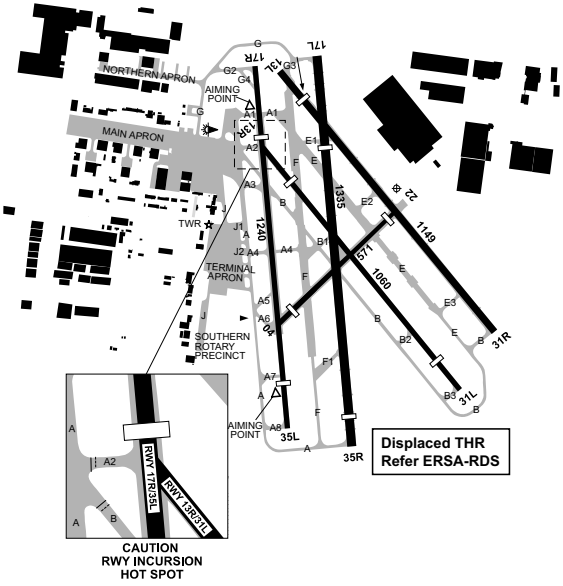
1. WAC 3469, 3470.
2. Also refer to AIP Departure and Approach Procedures.

MELBOURNE/MOORABBIN ELEV 55

AVFAX CODE 3003

VIC		UTC +10	YMMB
375833S	1450608E	VAR 12 DEG E	CERT

AD OPR Moorabbin Airport Corporation Pty Ltd, Airport Management Centre, 66 Bundora Parade, Moorabbin Airport, VIC, 3194. Email: admin@moorabbinairport.com.au. PH 03 8587 8000 (JO 0900-1700 Local). ARO 0428 058 295 (H24). Website: www.moorabbinairport.com.au.



REMARKS

1. Availability:
   a. AD Charges: All ACFT - contact AD OPR for details.
   b. PPR for instrument APCH or AWK WI the ML Terminal Airspace. Phone 03 9235 7337 for bookings.
   c. PPR from the AD OPR for the following:
      (i) ACFT ABV 5,700KG MTOW.
      (ii) ACFT ABV 15M wingspan.
      (iii) Recreational ACFT - Australia.
2. This AD is a Security Controlled Airport. All personnel must possess and display a valid ASIC when airside unless under escort.
3. High visibility clothing to be worn when airside.

HANDLING SERVICES AND FACILITIES

World Fuel Services: Tysons Aerofuels: 2100-0800 UTC DLY. Phone 03 9580 2861, VHF 121.65 - callsign “AEROFUELS”. H24 AVGAS bowser WFS carnet card, V and MC via Compac Pay smartphone APP. AH 1HR PN Phone 0425 792 200, 0418 125 636. AVGAS, JET A1, O117, O125, O156. Carnet, V, MC.
VIVA Energy Aviation: 2100-0800 UTC. AH call-out fee may apply. Phone 03 9587 4277. AVGAS and JET A1. H24 AVGAS card bowser. VIVA Energy Aviation Fuel2Sky card, V, MC.
AVIA AVIATION: FBO Services. Phone 03 8677 7760 or email: admin@aviaaviation.com.au. H24 with PN, departure lounge, toilet/shower, WiFi, parking and hangarage AVBL. JET A1 and AVGAS, all cards accepted.

General

AD OPR does not provide ACFT marshalling services.

APRONS AND TAXIWAYS

Wingspan limitations apply to AD. Areas of Main Apron and Northern Apron marked ‘NOT ABV 11.5M WINGSPAN’ and ‘NOT ABV 18M WINGSPAN’. Pilots must exercise caution due reduced wingtip clearances.

AERODROME OBSTACLES

1. Lit buildings:
   a. 265FT AMSL BRG 304 DEG MAG 2.35NM FM ARP. Infringes inner HZS by 74FT.
   b. 211FT AMSL BRG 297 DEG MAG 2.24NM FM ARP. Infringes inner HZS by 21FT.
2. Mobile phone towers:
   a. 233FT AMSL BRG 334 DEG MAG 1.94NM FM ARP. Infringes inner HZS by 43FT.
   b. 204FT AMSL BRG 325 DEG MAG 1.35NM FM ARP. Infringes inner HZS by 14FT.
3. Multiple unlit power pylons 233-288FT AMSL BTN BRG 333-343 DEG MAG 2.26-2.41NM FM ARP. Infringes conical SFC by up to 34FT.
4. Mast 310FT AMSL BRG 317 DEG MAG 2.54NM FM ARP. Infringes conical SFC by up to 16FT.
5. Flagpoles 234FT AMSL BRG 318 DEG MAG 2.13NM FM ARP. Infringes inner HZS by 44FT.
6. Aerials:
   a. 242FT AMSL BRG 309 DEG MAG 2.09NM FM ARP.Infringes inner HZS by 52FT.
   b. 226FT AMSL BRG 306 DEG MAG 2NM FM ARP. Infringes inner HZS by 36FT.
7. Mobile phone cells 226FT AMSL BRG 303 DEG MAG 2.15NM FM ARP. Infringes conical SFC by 3FT.
8. Flood light 241FT AMSL BRG 273 DEG MAG 2.2NM FM ARP. Infringes inner HZS by 51FT.
9. Multiple unlit flood lights 239-240FT AMSL BTN BRG 280-281 DEG MAG 2.36-2.61NM FM ARP. Infringes conical SFC by up to 48FT. Located at ‘Keys Road Reserve’.
10. Power pole 56FT AMSL BRG 176 DEG MAG 1,109M FM ARP. Infringes RWY 17L TKOF SFC by 1.6FT.
11. AD fence 59FT AMSL BRG 326 DEG MAG 593M FM ARP. Infringes RWY 35R TKOF SFC by 5.3FT.

Information may be continued on the next page: PTO

12. Air conditioning units:
    a. 92FT AMSL BRG 056 DEG MAG 288M FM ARP. Infringes RWY 04 TKOF SFC by 2.3FT.
    b. 87FT AMSL BRG 052 DEG MAG 263M FM ARP. Infringes RWY 04 TKOF SFC by 0.7FT
13. Steps to roof 73FT AMSL BRG 042 DEG MAG 156M ARP. Infringes RWY 04 TKOF SFC by 1.6FT.
14. Access ladder 85FT AMSL BRG 215 DEG MAG 901M FM ARP. Infringes RWY 22 TKOF SFC by 3FT.
15. Multiple light towers (lit) 263FT AMSL BRG 071 DEG MAG 2,222M FM ARP. Infringes inner horizontal SFC by 73FT.
16. Fence 50FT AMSL PSN 375904.21S 1450550.80E APRX BRG 192 DEG MAG 1,052M FM ARP. Infringes RWY 17R TKOF SFC by 2.6FT.
17. Light pole 58FT AMSL PSN 375906.7S 1450551.5E. Infringes RWY 17R TKOF SFC by 1FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS Phone 03 8470 3216 - Report faults to BoM.
3. AWIS FREQ 120.9 (AVBL Outside TWR HR) - report faults to AD OPR.
4. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM MWO 03 9669 4850.

PHYSICAL CHARACTERISTICS

04/22	035	19a	5700 kg/0.55 MPa Sealed	WID 18	RWS 60
13L/31R	130	38a	5700 kg/0.55 MPa Sealed	WID 30	RWS 80
13R/31L	130	35a	5700 kg/0.55 MPa Sealed	WID 18	RWS 80
17L/35R	164	44a	5700 kg/0.55 MPa Sealed	WID 30	RWS 140
17R/35L	164	41a	5700 kg/0.55 MPa Sealed	WID 18	RWS 80

AERODROME AND APPROACH LIGHTING

RWY 13L/31R	MIRL	SDBY PWR AVBL
RWY 17L/35R	MIRL	SDBY PWR AVBL

1. RWY edge light spacing:
    a. 17L/35R - 58.5M.
    b. 13L/31R - 57.9M.
2. Non-standard RWY edge light spacing between final RWY edge lights and RWY end lights.
3. Outside TWR HR, AD LGT displayed CONS.

OTHER LIGHTING

ABN FLG 5 W

1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Green CL on J1. Blue edge lighting on A, B and G.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	135.7
ATIS	MOORABBIN ATIS	120.9 398
SMC	MOORABBIN GROUND	134.25
TWR	MOORABBIN TOWER	118.1 123.0

1. TWR HR:
    a. MON-FRI: 2200-1000 UTC (0800-2000 Local)
    b. SAT-SUN: 2200-0900 UTC (0800-1900 Local)
    c. During HDS:
        (i) MON-THU: 2100-1100 UTC (0800-2200 Local)
        (ii) FRI: 2100-1000 UTC (0800-2100 Local)
        (iii) SAT-SUN: 2100-0800 UTC (0800-1900 Local)
2. Moorabbin TWR provides ATS within Class D airspace SFC to 2,500FT during TWR HR.
3. Outside TWR HR airspace becomes Class G. CTAF procedures apply.

RADIO NAVIGATION AND LANDING AIDS

NDB MB 398 375835.4S 1450525.2E Range 65 (HN 65) (1)

(1) Range 40NM to E - 085/0.6. Excessive needle fluctuations WI 5NM of Melbourne Central Business District.

LOCAL TRAFFIC REGULATIONS

1. **GROUND PROCEDURES**

1.1. Start approval required for:
   a. Circuit Operations.
   b. ACFT DEP for AWK in the Melbourne TMA.
   c. ACFT LDG at Melbourne.
   d. ACFT DEP ABV 2,000FT for LDG at Essendon.

2. **INSTRUMENT APPROACH AND CIRCUIT TRAINING**

   a. All ACFT planning practice instrument APCH (AVBL 2000-1200 UTC, 1HR earlier during HDS) require prior ATC approval. Pilots must book a slot online at www.bookawk.com.
   b. Circuit training booking system operational pilots may book a slot online at www.vic.bookawk.com

FLIGHT PROCEDURES

1. **ATC TRAFFIC MANAGEMENT SPEED**

When not on a SID or STAR (including vectoring) - ACFT ARR or DEP MB via Class C airspace must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.

Note: Pilots must also comply with Class D airspace speed limits. Cancellation of ATC traffic management speeds does not cancel Class D airspace speed limits.

2. **LOW VISIBILITY OPERATIONS**

Low Visibility Operations not AVBL.

3. **CIRCUIT PROCEDURES**

3.1. Circuit Altitude: 1,000FT (QNH).
3.2. Report turning downwind with intentions.
3.3. Helicopters may cross duty RWY THR at 500FT when base leg for LDG.
3.4. Practice LDGs with feathered propellers not permitted.
3.5. Simulated engine failure in single engine ACFT after TKOF not permitted.
3.6. Simulated asymmetric OPS after TKOF not permitted RWY 17R and 22.
3.7. Circuit Directions during TWR HR:
   (i) RWY 04 HJ - right: HN - not AVBL.
   (ii) RWY 22 HJ - left: HN - not AVBL.
   (iii) RWY 13R HJ - right: HN - not AVBL.
   (iv) RWY 13L HJ - left: HN - left.
   (v) RWY 31R HJ - right: HN - right.
   (vi) RWY 31L HJ - left: HN - not AVBL.
   (vii) RWY 17R HJ - right: HN - not AVBL.
   (viii) RWY 17L HJ - left: HN - left.
   (ix) RWY 35R HJ - right: HN - right.
   (x) RWY 35L HJ - left: HN - not AVBL.

4. **CLEARANCE PROCEDURES FOR CLASS C AIRSPACE**

4.1. VFR Flights by Day - Clearance in Class C airspace is not AVBL from MB TWR. CTC Melbourne Centre (135.7) in Class G airspace for clearance.
4.2. VFR at night - MB TWR will provide airways clearance only for flights planned in Class C airspace north of and including the line SAMIG-MB-LEKUN.
4.3. IFR flights south of the line SAMIG-MB-LEKUN, MB TWR will provide a transponder code. Remain in Class G airspace. Contact ML CENTRE FREQ 135.7 3NM MB for airways clearance.
4.4. IFR flights north of and including the line SAMIG-MB-LEKUN, MB TWR will provide airways clearance.

5. **DEPARTURES**

5.1. VFR ACFT must advise departure intentions with Ready Call.
5.2. Clearance for VFR ACFT to operate in the MB CTR and VFR ACFT departing into Class G will be issued on MB TWR FREQ.
5.3. A takeoff clearance constitutes a clearance to operate within the CTR or depart the CTR in accordance with the intentions notified with the ready call.
5.4. VFR ACFT departing into Class G airspace must depart the CTR on an extended leg of the circuit.

Information may be continued on the next page: PTO

5.5. Departure altitude - climb to 2,000FT AMSL or higher, cloud permitting.
5.6. DEP from RWY 17 on UPWIND leg remain over land until abeam CARRUM to avoid inbound traffic.
5.7. DEP from RWY 17R to S, turn left to follow coast when S of Woodland Golf Course.
5.8. All ACFT departing to remain in Class G airspace are to change to ML CENTRE FREQ 135.7, 3NM from MB during TWR HR. Specific transfer instructions will not be issued to VFR aircraft.

6. **ARRIVALS**

6.1. CTR entry altitude: 1,000FT.
6.2. VFR ACFT should track via and report at CARR, BAW, BTO, ACE, SHOL or GMH.
6.3. When RWY 17 or 35 in use, ARR VFR ACFT from the S should track via and report at CARR on 123.0 then remain over water until established in the western circuit.

7. **IFR OPERATIONS IN VMC**

Pilots electing to commence or terminate an IFR flight under the VFR should communicate such intention at the earliest possible time to ensure their arrival or departure is processed efficiently.

8. **HELICOPTER OPERATIONS**

8.1. **HEL Local Procedures:**

a. Day VFR HEL ARR, DEP and CCTS must be at 700FT AMSL unless otherwise instructed. Day VFR ARR and DEP use the Northern aiming point, Southern aiming point or prior approved LDG site. Nominate aiming or HLS on first contact with TWR. ARR and DEP must be parallel to duty RWY and comply with circuit direction. Helicopters must avoid flight over airport buildings and public viewing areas below 500FT.
b. NGT OPS shall comply with fixed wing circuit and ALTs.
c. Eastern Grass is the area contained by a line 20M east of and parallel to the eastern edge of RWY 35R flight strip extended, and the perimeter fence Western Triangle is the area contained by a line extended along TWY A centre line 20M of TWY A4, an extended line 20M SW of and parallel to TWY B and the perimeter fence.
d. Circuits shall be conducted from the Eastern Grass or Western Triangle as follows:
   (i) For duty RWY 17/35 use Eastern Grass. For duty RWY 13/31 use Western Triangle;
   (ii) Parallel to duty RWY, inside the fixed wing circuit and in compliance with the fixed wing circuit direction;
   (iii) A continuous lookout for fixed wing traffic must be maintained;
   (iv) Once established, the only COM is “AIRBORNE” call **before** each circuit.
   (v) ATC will not positively control these TKOFs or LDGs, or provide sequencing instructions. Initial TFC INFO only will be provided on other HEL conducting CCTS;
   (vi) On completion of circuit training session, nominate landing HLS with airborne call, report downwind and comply with ARR from E if duty RWY 17/35.
   (vii) A maximum of 3 helicopters are permitted to operate circuits concurrently.

8.2. **HEL Departures**

a. Contact SMC on 134.25 with departure intentions.
b. Taxi for Southern aiming point hold short of TWY A. Taxi for Northern aiming point hold short of TWY G.
c. DEP to the E call 118.1 with departure intentions when ready;
d. DEP to the W call 123.0 with departure intentions when ready and must remain clear of duty runways, pass E of TWR and track N until past TWR, or S until past airport buildings.

8.3. **HEL Arrivals**

a. ARR from E must call 118.1 and fly to overfly midfield at 700FT AMSL and then make a close circuit for landing as per the duty circuit direction.
b. ARR from W for southerly APCH must remain clear of duty runways, track E of TWR, then DCT to S HLS. ARR from W for northerly APCH to Northern or main aprons must remain clear of duty runways and track E of TWR.

9. COMMUNICATION FAILURE

a. Carry out Communication Failure procedures in EMERG.
b. TR via the appropriate VFR approach point.
c. Enter CTR at 1,500FT and TR to overhead the aerodrome at that altitude.
d. Ascertain the runway(s) in use and join the western circuit.
e. When ready, descend to circuit altitude remaining clear of the other circuit.
f. Maintain separation from other aircraft.
g. Proceed with normal circuit and landing.
h. Watch for light signals from the TWR.

10. OUTSIDE TWR HR:

a. Class C airspace ABV 2,500FT remains active.
b. After 2200 Local, DEP must maintain RWY heading until 1,000FT.
c. ML Centre services AVBL, FREQ 134.25 on the ground or 135.7 airborne.
d. RWY 17R, 35L, 13R and 31L not AVBL.

10.1. **Circuits**:

a. Right hand CCTS on RWY 04, 31R and 35R only.
b. MAX 5 ACFT permitted.

10.2. **Circuit training permitted**:

a. MON-FRI: 2200-1100 UTC (0800-2100 Local);
During HDS: 2100-1100 UTC (0800-2200 Local).
b. JF: 2300-0800 UTC (0900-1800 Local) or last light (whichever is earlier);
During HDS: 2200-0700 UTC (0900-1800 Local) or last light (whichever is earlier).

10.3. **Preferred RWY**

a. In order of preference:
(i) RWY 35, 17 and 13/31 equal preference.
(ii) RWY 04/22 - not AVBL unless operationally required and touch and go circuits not permitted.
b. Night operations:
(i) For DEP north - RWY 35R.
(ii) For DEP south - RWY 13L.

CTAF 118.1

Outside TWR HR.

NOISE ABATEMENT PROCEDURES

1. **CIRCUIT TRAINING**

Circuit training is permitted BTN the FLW HR:

a. 2200-1100 UTC (0800-2100 Local) MON - FRI.
2300-0800 UTC (0900-1800 Local) or last light (whichever is earlier) JF.
b. During HDS 2100-1100 UTC (0800-2200 Local) MON - FRI
(2200-0700 UTC (0900-1800 Local) or last light (whichever is earlier) JF.

2. **PREFERRED RUNWAYS**

a. RWY 35;
b. RWY 17, RWY 13 and RWY 31.
c. RWY 04/22 - not AVBL unless operationally required and touch and go CCTS not permitted.
d. DRG TWR HR, ATC will consider nominating an alternative RWY when the crosswind exceeds 10KT or when there is tailwind.

3. **RWY 17R**

a. DEP not permitted before 2300 UTC (0900 Local) (2200 UTC HDS) (0900 Local HDS).
b. Jet DEP not permitted.
c. DEP from RWY 17R maintain UPWIND leg until S of Woodlands Golf Course.

4. C180, C185, C206, C210, BE35/36 with two bladed prop, C336/337 and Warbirds fitted with constant speed props are not permitted to use RWY 17R or RWY 31L for TKOF unless no other RWY AVBL.

5. **RWY 31L**

a. DEP from RWY31L maintain UPWIND leg until over Kingston Centre.

Information may be continued on the next page: PTO

ADDITIONAL INFORMATION

1. PJE OPS WI 2NM RAD of Point Ormond (APRX BRG 150DEG, 9NM FM YMEN ARP) SFC-FL140.
2. Possible wind shear and turbulence:
   a. West of RWY 04 THR when wind FM west south westerly direction at 20KT and ABV.
   b. On RWY 17R/35L and south of 35L THR when wind crosswind exceeds 15KT FM west or south westerly direction.
   c. On RWY 13L/31R when cross wind exceeds 10KT FM easterly sector BTN BRG 310-130 MAG. Possible windshear and turbulence north of RWY 13L/ 31R when wind from west south westerly direction at 28KT and above.
3. Bird hazard exists:
   a. Magpies present all year round.
   b. Increased activity during and post rainfall and adverse weather events, including Australian White Ibis, Silver Gull and ducks.
   c. Species specific NOTAM will be issued during periods of increased activity.

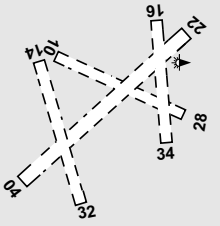
CHARTS RELATED TO THE AERODROME

1. WAC 3469, 3470.
2. Also refer to AIP Departure and Approach Procedures.

MELTON

ELEV 670

FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YMEL
373718S 1443356E VAR 12 DEG E UNCR
AD OPR E. Reeve, 995 Coburns Road, Toolern Vale, VIC, 3337.
Email: info@meltonairservices.com.au. PH 03 9746 1342.
Website: www.meltonairservices.com.au.

REMARKS

PPR - Contact Melton Air Services, PH AD OPR.

HANDLING SERVICES AND FACILITIES

AVGAS AVBL, CTC AD OPR. Cash, V and MC accepted.

PASSENGER FACILITIES

LG/WC/RF/TX/ME.

PHYSICAL CHARACTERISTICS

04/22	44c	Unrated. Grass/Gravel. RWY LEN 1,340M. RWY 22 DTHR 90M. Slope 1% down to SW.	WID 30	RWS 60
10/28	33c	Unrated. Grass. RWY LEN 1,000M. RWY 28 DTHR 90M. Slope 1% down to SE.	WID 30	RWS 60
14/32	39c	Unrated. Grass. RWY LEN 1,200M. Slope 1% up to N.	WID 30	RWS 60
16/34	21c	Unrated. Grass. RWY LEN 650M. Slope 1% up to N.	WID 30	

AERODROME AND APPROACH LIGHTING

RWY 04/22 LIRL BY PRIOR ARRANGEMENT
RWY 04/22 edge light spacing: 89M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 135.7 Circuit Area

LOCAL TRAFFIC REGULATIONS

All ACFT DEP (other than touch and go OPS) to commence take off roll from RWY end to maximise height over residential areas after take off.

FLIGHT PROCEDURES

1. Where possible, ACFT should conform to established RWY direction.
2. Arrivals - at least 3 legs of the circuit to be flown.
3. Straight in approaches are not permitted.
4. RH Circuits RWY 04 and 10.
5. Landings only RWY 34.
6. Take off/landing RWY 16 not permitted.
7. All ACFT to avoid overflying Toolern Vale township NE of aerodrome.

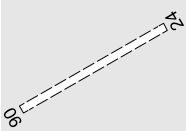
CTAF 121.6

CHARTS RELATED TO THE AERODROME

WAC 3469, 3470.

MELVILLE WATER AERODROME

FULL NOTAM SERVICE NOT AVBL



WA		UTC +8	YMET
315839S	1155029E	VAR 2 DEG W	UNCR

AD OPR CATALINA AIRLINES, 42 Belmont Avenue, Belmont, WA, 6104.
PH 08 9334 1029, Swan River Trust 08 9278 0900. ARO 0416 153 796.

REMARKS

1. RESTRICTED OPS: PPR from Swan River Trust.
2. Landing RWY 06; TKOF RWY 24.

PHYSICAL CHARACTERISTICS

RWY 06/24 Defined by white buoys 1,000M x 70M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	PERTH CENTRE	135.25
APP	PERTH APPROACH	123.6
DEP	PERTH DEPARTURES	118.7

CHARTS RELATED TO THE AERODROME

WAC 3351, 3462.

MEREENIE

ELEV 2410

FULL NOTAM SERVICE NOT AVBL



NT		UTC +9:30	YMEI
235836S	1313342E	VAR 4 DEG E	UNCR

AD OPR Central Petroleum Ltd, GPO Box 292, Brisbane, QLD, 4001.
PH 07 3181 3800. Fax 07 3181 3855.

REMARKS

1. PPR All OPS.
2. AD Charges: $100 all unauthorised ACFT.

AERODROME OBSTACLES

Hill 150M right of RWY 12, 70FT AGL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	121.85 4500FT
UNICOM	MEREENIE BASE	129.9 (1)

(1) Infrequently monitored.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

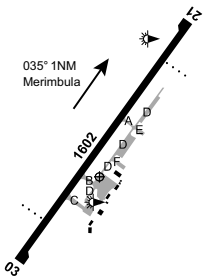
WAC 3231, 3344.

Information may be continued on the next page: PTO

MERIMBULA

ELEV 8

AVFAX CODE 2124



NSW UTC +10 YMER
365431S 1495405E VAR 14 DEG E CERT
AD OPR Bega Valley Shire Council, PO Box 492, Bega, NSW, 2550. PH 02 6495 4211. ARO 0439 947 270: 0439 955 458. Website: www.begavalley.nsw.gov.au.

REMARKS

1. AD Charges - refer to website (Fees and Charges).
2. This AD is a Security Controlled Airport.
3. PPR from AD OPR for all ACFT ABV 5,700KG due parking restrictions.

HANDLING SERVICES AND FACILITIES

Air BP: H24. Phone 0439 947 270 or 0439 955 458, AVGAS Carnet Card Swipe Bowser. JET A1 by tanker, 60 MIN PN. AH call-out fee applies.
Ground handling agent - Merimbula Airport Handling, Phone 0439 955 458.

PASSENGER FACILITIES

LG/ME/AC/RF/PT/TX/HC/WC

AERODROME OBSTACLES

1. Lit TWR:
   a. 722FT AMSL PSN: 365210.24S 1495348.70E.
   b. 728FT AMSL PSN: 365201.60S 1495412.30E.
   c. 440FT AMSL PSN: 365251.58S 1495303.15E.
   d. 538FT AMSL PSN: 365506.64S 1495202.28E.
2. Hazard beacons (terrain):
   a. 345FT AMSL PSN: 365241.72S 1495502.09E.
   b. 205FT AMSL PSN: 365316.95S 1495534.00E.
   c. 334FT AMSL PSN: 365327.40S 1495354.59E.
   d. 434FT AMSL PSN: 365714.17S 1495338.44E.
   e. 310FT AMSL PSN: 365528.51S 1495244.09E.
   f. 204FT AMSL PSN: 365533.95S 1495332.51E.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 02 9353 6434 - Report faults to BoM.
3. AWIS FREQ 133.65 (Requires one second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

03/21	020	53a	PCR 200/F/D/1.05 MPa/T	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 03/21	LIRL	PAL+AA 119.6	
RWY 03	PAPI(1)	PAL+AA 119.6	3.3 DEG45.8FT
RWY 21	PAPI(1)	PAL+AA 119.6	3.0 DEG41.5FT

(1) Left side.
RWY edge light spacing: 03/21: 60M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	120.75	On Ground

RADIO NAVIGATION AND LANDING AIDS

DME	MER	117.7/124X	365452.3S	1495357.4E		(1)
NDB	MER	395	365451.3S	1495358.0E	Range 20 (HN 20) OW 50 (OW HN50)	

(1) Antenna ELEV 82FT.

LOCAL TRAFFIC REGULATIONS
1. ACFT ABV 5,700KG must only make 180DEG turns on the RWY THR.
2. RPT PRKG Bays not AVBL to other ACFT except with prior permission.

FLIGHT PROCEDURES
Right hand circuits RQ when OPR on RWY 03.

CTAF - AFRU 126.7

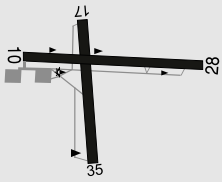
ADDITIONAL INFORMATION
1. Bird and animal hazard exists.
2. Grass APN immediately around primary windsock closed due SWS.

CHARTS RELATED TO THE AERODROME
1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

MERREDIN

ELEV 1300

FULL NOTAM SERVICE NOT AVBL



WA		UTC +8	YMDN
313124S	1181912E	VAR 1 DEG W	UNCR

AD OPR China Southern WA Flying College, PO Box 389, Merredin, WA, 6415. PH 08 9041 9200. Fax 08 9041 5636.

REMARKS
1. AD Charges: All ACFT.
2. Privately Owned. PPR. Approvals can be obtained from China Southern West Australian Flying College OPS. For approvals and AD INFO HJ contact 08 9041 9200 or HN duty officer 0429 902 314.

HANDLING SERVICES AND FACILITIES
AVGAS PN

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	123.4 Circuit Area
UNICOM	MERREDIN GROUND	120.1

LOCAL TRAFFIC REGULATIONS
1. Backtracking on RWY NOT permitted.
2. Itinerant aircraft parking adjacent to fuel compound.
3. Eastern pre-runway line-up area is unavailable to Code 2 ACFT.

FLIGHT PROCEDURES
1. All circuit entries shall be made on crosswind (4 legs of the circuit to be flown).
2. Before joining the circuit, all ACFT are to overfly the airfield at 3,000FT.

CTAF 120.1

ADDITIONAL INFORMATION
1. High volume ab initio training TFC H24.
2. Kangaroo hazard exists.

CHARTS RELATED TO THE AERODROME
WAC 3351, 3462.

Information may be continued on the next page: PTO

MERRIWA HOSPITAL **ELEV 892**

AVFAX CODE 2084 **FULL NOTAM SERVICE NOT AVBL**

NSW UTC +10 YXMW

320836S 1502139E VAR 12 DEG E UNCR

AD OPR Hunter New England Local Health District, Locked Bag No. 1, New Lambton, NSW, 2305. Email: hnelhd-fmu@health.nsw.gov.au. PH 02 4964 7243.

REMARKS

Private use.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 133.05

CTAF 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3456.
2. Also refer to AIP Departure and Approach Procedures.

MIDDLEMOUNT **ELEV 547**

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YMMU

224809S 1484217E VAR 9 DEG E UNCR

AD OPR Anglo Coal (Capcoal Management) Pty Ltd, Shopping Complex, Middlemount, QLD, 4746. Mobile 0439 155 652.

REMARKS

1. Private AD. PPR for all OPS H24.
2. This AD is a security controlled airport.

AERODROME OBSTACLES

Towers 1.8NM 245DEG FM AD. 1,300FT AMSL.

PHYSICAL CHARACTERISTICS

11/29 51a Unrated. Sealed. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 11/29 LIRL AFRU+PAL 126.7

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 128.55 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. RWY serviceability inspections required prior to all OPS HN.
2. Apron OPS restricted to ACFT with MTOW 6,800KG or less.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

CAUTION: Birds prevalent in vicinity of AD.

CHARTS RELATED TO THE AERODROME

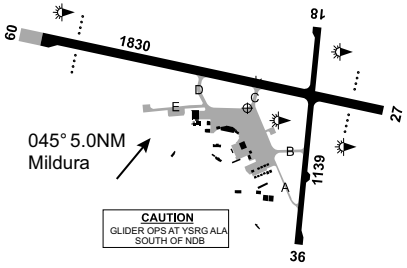
WAC 3234, 3235.

MILDURA

ELEV 167

AVFAX CODE 3026

VIC UTC +10 YMIA
341345S 1420508E VAR 9 DEG E CERT
AD OPR Mildura Airport Pty Ltd, PO Box SM356, Mildura South, VIC, 3501.
Email: aro@milduraairport.com.au. PH Administration: 03 5055 0500. ARO 0428 596 871.



REMARKS

1. AD Charges: aircraft landing and parking charges may apply, refer to AD website terms of use.
2. This AD is a Security Controlled Airport. A valid ASIC is to be displayed at all times while airside.
3. TWY E PPR. 15 MIN PN RQ to AD OPR. CTC by phone or CTAF.

HANDLING SERVICES AND FACILITIES

World Fuel Services (WFS): JET A1 and AVGAS tanker refueller and 24HR AVGAS carnet and cardswipe bowser WFS cardswipe or V and MC via smartphone APP.
Attended 0530-1500 Local MON-FRI and 1300-1700 Local SAT/SUN. Call-out fee may apply AH.
Phone: 0409 736 530 Email: mildurawfs@gmail.com.

PASSENGER FACILITIES

PT/TX/HC/LG/RF/WC.

APRONS AND TAXIWAYS

1. Two TWY leading to S end of RWY 18/36 not AVBL to ACFT ABV 5,700KG MTOW.
2. TWY E not AVBL to ACFT with wingspan greater than 17.5M.

AERODROME OBSTACLES

1. Tower BRG 122 DEG MAG 1,500M FM ARP, 264FT AMSL.
2. LGT BRG 247 DEG MAG 249M FM ARP. Infringes transitional SFC by 10FT.
3. COM TWR BRG 223 DEG MAG 391M FM ARP. Infringes transitional SFC by 6FT.
4. APN LGT:
   a. BRG 229 DEG MAG 219M FM ARP. Infringes transitional SFC by 16FT.
   b. BRG 212 DEG MAG 170M FM ARP. Infringes transitional SFC by 19FT.
   c. BRG 193 DEG MAG 147M FM ARP. Infringes transitional SFC by 19FT.
   d. BRG 178 DEG MAG 180M FM ARP. Infringes transitional SFC by 19FT.
   e. BRG 167 DEG MAG 197M FM ARP. Infringes transitional SFC by 10FT.
5. Trees:
   a. BRG 068 DEG MAG 894M FM ARP. Infringes transitional SFC by 10FT.
   b. BRG 067 DEG MAG 924M FM ARP. Infringes transitional SFC by 5FT.
   c. Two trees grouped 184FT AMSL BRG 078 MAG 1,021M FM ARP.
6. Illuminated WDI 198FT AMSL BRG 126 DEG MAG 162M FM ARP. Infringes transitional SFC by 16FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS Phone 03 8470 3215 - Report faults to BoM.
3. AWIS FREQ 128.675 (requires one one-second pulse to activate) - Report faults to AD OPR.

Information may be continued on the next page: PTO

PHYSICAL CHARACTERISTICS

09/27	092	60a	PCR 200/F/C/1.57 MPa/T Grooved	WID 45	RWS 300
18/36	176	37a	PCR 61/F/C/0.75 MPa/U	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 09/27	LIRL(1)	PAL+AA 119.6		SDBY PWR AVBL
RWY 09	PAPI(1)	PAL+AA 119.6	3.0 DEG53FT	SDBY PWR AVBL
RWY 27	PAPI(1)	PAL+AA 119.6	3.0 DEG48FT	SDBY PWR AVBL
RWY 18/36	LIRL(1)	PAL+AA 119.6		SDBY PWR AVBL

(1) PAL+AA requires three pulses of APRX one second duration WI five seconds to ACT.

RWY edge light spacing:

a. RWY 09/27 - 60M;
b. RWY 18/36 - 80M.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge, TWY C and D only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.1 On Ground

RADIO NAVIGATION AND LANDING AIDS

DME	IMI	110.9/ 46X (RWY09)	341341.7S	1420437.1E		(4)
GP	IMI	330.8 (RWY09)	341341.7S	1420437.1E		
ILS	IMI	110.9 (RWY09)	341349.1S	1420548.2E		(3)
LOC	IMI	110.9 (RWY09)	341349.1S	1420548.2E		
DME	MIA	113.7/ 84X	341330.2S	1420438.3E		(1)
NDB	MIA	272	341452.1S	1420426.1E	Range 100 (HN 85)	(2)
VOR	MIA	113.7	341330.7S	1420438.2E		

(1) Antenna ELEV 186FT.
(2) 024/1.2 to ARP.
(3) Private ILS - Fees apply - Operated by AD OPR.
(4) Antenna ELEV 189FT.

LOCAL TRAFFIC REGULATIONS

1. Very limited PRKG for ACFT ABV 5,700KG MTOW. Contact AD OPR for parking.
2. Additional grassed parking with tie-down facility available for ACFT below 5,700KG adjacent to TWY A and B entrance via TWY A.
3. ACFT are not directly visible to each other on THR RWY 09, THR RWY 27 and THR RWY 36. Mandatory rolling call required from all ACFT immediately prior to take-off due increased risk of ACFT not being aware of each other.
4. ACFT LDG RWY 18/36 at night - taxi via RWY 09/27 and use TWY C or D.

FLIGHT PROCEDURES

Right hand circuits RWY 27 and 36.

CTAF - AFRU 118.8

ADDITIONAL INFORMATION

1. Birds may be present on SFC and approaches to RWYs.
2. Caution: training airfield. Multiple RWY may be in use with significant TFC within circuit at any time.
3. Caution: frequent movements of high capacity RPT ACFT occur at AD.
4. Gliding OPS HJ JF and NOTAM from grass airstrip 2NM SSW of AD. Wire launching. Gliders monitor CTAF.

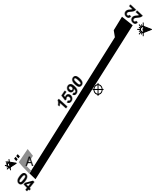
CHARTS RELATED TO THE AERODROME

1. WAC 3458.
2. Also refer to AIP Departure and Approach Procedures.

MILES

ELEV 1002

AVFAX CODE 4015



QLD UTC +10 YMLS
264822S 1501011E VAR 10 DEG E CERT
AD OPR Western Downs Regional Council, PO Box 551, Dalby, QLD, 4405. Email: milesairport.aro@baaviation.com.au. ARO 0447 880 253.

REMARKS

1. Restricted OPS - PPR FM AD OPR all non scheduled OPS.
2. AD charges apply due to limited PRKG PPR 48HR PN FM AD OPR for all ACFT.
3. Avdata fees apply.
4. Landside gate access code: 08XY.

PASSENGER FACILITIES

WC/LG.

AERODROME OBSTACLES

1. Lit COM tower, 343DEG 1.1NM FM ARP 1,244FT AMSL infringes inner HZS.
2. Marked and lit power poles:
   a. 1,175FT AMSL APRX BRG 058 DEG MAG 2.2NM FM ARP. Infringes inner HZS.
   b. 1,162FT AMSL APRX BRG 063 DEG MAG 2.1NM FM ARP. Infringes inner HZS.

PHYSICAL CHARACTERISTICS

04/22 040 52a PCR 164/F/C/Y/T WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 04/22 LIRL AFRU+PAL 126.35 SDBY PWR AVBL

OTHER LIGHTING

1. SDBY PWR switchover time: 11 SEC.
2. TWY LGT: Blue edge on A.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 123.95 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. Carriage and use of radio is required by AD OPR.
2. All ACFT ABV 5,700KG must roll through and execute MAX radius turns at THR 22 turning node.

CTAF - AFRU 126.35

ADDITIONAL INFORMATION

Bird and animal hazards exist.

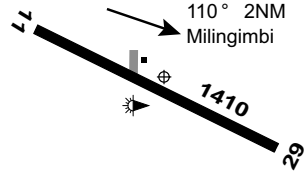
CHARTS RELATED TO THE AERODROME

1. WAC 3340.
2. Refer to AIP Departure and Approach Procedures.

MILINGIMBI

ELEV 53

AVFAX CODE 8017



NT UTC +9:30 YMGB
120540S 1345337E VAR 3 DEG E CERT
AD OPR Milingimbi Community Inc, via Darwin, NT, 0822. ARO 8987 9905. ARO AH 0491 281 712. Council PH 08 8987 9905.

REMARKS

1. Overnight PRKG not AVBL, for emergency PRKG CTC ARO.
2. AD closed HN EXC to EMERG OPS.

PASSENGER FACILITIES

Telephone facilities not AVBL.

Information may be continued on the next page: PTO

AERODROME OBSTACLES

Trees:

a. BRG 279 MAG 655M FM ARP infringes TNS BY 10FT.
b. BRG 255 MAG 250M FM ARP infringes TNS BY 9FT.
c. BRG 260 MAG 277M FM ARP infringes TNS BY 9FT.
d. BRG 138 MAG 354M FM ARP infringes TNS BY 9FT.

Note: TNS infringed southside.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 08 7922 2511 - Report faults to BoM.
3. AWIS FREQ 128.05 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

11/29 113 46a Unrated. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 11/29 LIRL(1) BY PRIOR ARRANGEMENT

(1) MAN ACT. 1HR PN. EMERG only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 123.4 Circuit Area

CTAF 127.5

ADDITIONAL INFORMATION

Animal hazard (dogs) exists.

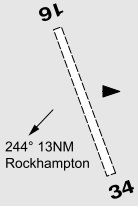
CHARTS RELATED TO THE AERODROME

1. WAC 3109.
2. Also refer to AIP Departure and Approach Procedures.

MILL IRON

ELEV 150

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YMIO
231926S 1504145E VAR 9 DEG E UNCR

AD OPR Roger Toole, 142 Keppel Sands Road, Tungamull, QLD, 4702.
Email: milliron@bigpond.com. PH 0407 582 829.

REMARKS

1. Private AD - PPR contact AD OPR.
2. High voltage power lines underground at RWY 16 THR.

PHYSICAL CHARACTERISTICS

16/34 18 Unrated. Unsealed. Compacted grass.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 119.55

CTAF 132.2

ADDITIONAL INFORMATION

RWY fully fenced from stock.

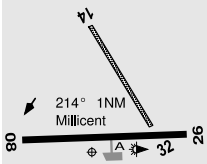
CHARTS RELATED TO THE AERODROME

WAC 3235.

MILLICENT

ELEV 56

FULL NOTAM SERVICE NOT AVBL



SA		UTC +9:30	YMCT
373501S	1402158E	VAR 10 DEG E	UNCR

AD OPR Wattle Range Council, PO Box 27, Millicent, SA, 5280.
PH 08 8733 0900: 0407 611 459 (H24).

AERODROME OBSTACLES

RWY 08 APCH end, transition S side infringed by trees.

AERODROME AND APPROACH LIGHTING

PAL 123.9

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.8 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION

1. Bird hazard exists.
2. Gliding OPS HJ JF. Gliders operate WI RWS. Wire Launching.

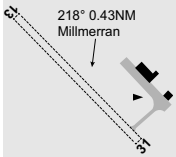
CHARTS RELATED TO THE AERODROME

WAC 3469.

MILLMERRAN

ELEV 1312

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YMMN
275148S	1511630E	VAR 11 DEG E	UNCR

AD OPR Toowoomba Regional Council, PO Box 3021, Toowoomba, QLD, 4350.
Email: aerodrome@tr.qld.gov.au. PH BH Aerodrome 07 4688 6117.
Council PH AH 0497 099 111. Website: www.tr.qld.gov.au/aerodromes.

REMARKS

1. AD charges apply: see website.
2. ACFT BLW 2,000KG day use only.
3. Pavement concession required for larger ACFT. Contact AD OPR.
4. Access AVBL in accordance with Toowoomba Region Aerodromes Conditions of Access and Use. See website.
5. Due to safety/security hazards, ensure vehicle gates are closed and locked when not in use.

PASSENGER FACILITIES

LG/WC.

APRONS AND TAXIWAYS

1. TWY to APN and hangar area.
2. GA APN.

AERODROME OBSTACLES

1. Transitional OLS tree infringement exists up to 24FT left and right of APCH to SE THR 31 end.
2. Unlit primary wind indicator located BTN RWS and apron infringes transition OLS by 10FT (based on a 60M wide RWS).

PHYSICAL CHARACTERISTICS

13/31	40a/c 2000 kg/0.60 MPa Grass. Central 11M sealed. RWY LEN 1,230M.	WID 18	RWS 80

Caution: outer 2M each side of sealed central runway section may be soft due to sub-surface moisture, particularly during wet weather. Central 6M are firm and stable.

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 121.2 500FT

CTAF 126.7

ADDITIONAL INFORMATION

1. Assume that bird and animal hazard exists. Arriving ACFT should conduct aerial RWY inspection prior to landing.
2. Tyre pressure is in accordance with AIP unrated pavements.
3. Unsealed areas not suitable in wet weather or after rain.
4. Qantas Group Pilot Academy operates from YBWW. CAUTION: increased flight training traffic YMMN circuit and adjacent areas extending to Leyburn, Millmerran and Cecil Plains.
5. CAUTION: Mining operations (blasting possible) BRG 176 MAG APRX 8KM FM AD.

CHARTS RELATED TO THE AERODROME

WAC 3340.

MINDEROO

ELEV 50

FULL NOTAM SERVICE NOT AVBL



WA UTC +8 YMDR
215936S 1150242E VAR 0 DEG E UNCR
AD OPR Minderoo Station, PO Box 48, Onslow, WA, 6510.
Email: riley.wilton@harvestroad.com:
jackson.howes@harvestroad.com.
PH 0438 528 230: 0438 887 915.

REMARKS

PPR for all OPS including the use of the ACFT hangar.

HANDLING SERVICES AND FACILITIES

No fuel or ground handling services.
LTD catering and galley supplies by request to station manager.
Hangar marshalling for Global Express AVBL by prior arrangement.

PHYSICAL CHARACTERISTICS

08/26 50c Unrated. Sealed. RWY LEN 1,524M. WID 30

AERODROME AND APPROACH LIGHTING

RWY 26 PAPI(1) 3.0 DEG47FT SDBY PWR AVBL
(1) Left side. Manually activated. 2HR PN.
RWY 08/26 portable RWY edge lighting. PPR.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 122.4 6000FT

LOCAL TRAFFIC REGULATIONS

1. ACFT above 5,700KG must turn RWY ends, MAX radius, MNM speed.
2. Visiting ACFT are to use the parking bay on the N side of the RWY (Global Express G550).

CTAF 126.7
“Minderoo Traffic”.

ADDITIONAL INFORMATION

1. CAUTION: ACFT hangar located at the THR RWY 08. 30M from RWY edge.
2. CAUTION: Bird and kangaroo hazard exists sunrise to sunset.

CHARTS RELATED TO THE AERODROME

WAC 3229.

MINNIPA

ELEV 509

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YMPA
325035S 1350840E VAR 6 DEG E UNCR
AD OPR Wudinna District Council, PO Box 6, Wudinna, SA, 5652. PH 08 8680 2002.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.9 3000FT

CTAF 126.7

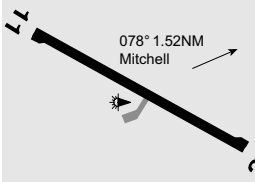
CHARTS RELATED TO THE AERODROME

WAC 3459.

MITCHELL

ELEV 1134

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YMIT
262900S 1475612E VAR 9 DEG E UNCR
AD OPR Maranoa Regional Council, PO Box 620, Roma, QLD, 4455.
Email: airport@maranoa.qld.gov.au. ARO 0407 730 531.
Council PH 1300 007 662. Fax 07 4624 6990.
Website: www.maranoa.qld.gov.au.

REMARKS

1. PPR FM AD OPR
2. AD Charges: For current fees and charges refer to website.

PASSENGER FACILITIES

WC/PT.

AERODROME AND APPROACH LIGHTING

PAL+AA 126.7.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 126.0 3000FT

CTAF 126.7

ADDITIONAL INFORMATION

Gate on access road is locked outside Council HR.

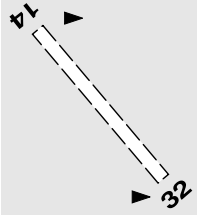
CHARTS RELATED TO THE AERODROME

WAC 3341.

MITTA MITTA

ELEV 820

FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YITT
363044S 1472122E VAR 12 DEG E UNCR
AD OPR Mitta Airfield Pty Ltd, PO Box 17, Mitta Mitta, VIC, 3701.
Email: contact@wombatgully.com.au. PH 02 6072 3632.
Mobile 0417 368 350: 0418 223 882. Website: www.wombatgully.com.au.

REMARKS

1. PPR from AD OPR.
2. AD Charges: PAX carrying commercial OPS only.
3. Conditions of use apply to all OPS - refer to website.

Information may be continued on the next page: PTO

HANDLING SERVICES AND FACILITIES
Nil fuel AVBL. For closest fuel see Albury (YMAY) FAC entry.

PASSENGER FACILITIES
AC (Mitta Pub 02 6072 3542). Telstra 4G (only) mobile phone coverage.

AERODROME OBSTACLES
Fences and trees both ends.

PHYSICAL CHARACTERISTICS
14/32 30c Unrated. Gravel. RWY LEN 910M. WID 15

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 125.2 3000FT

LOCAL TRAFFIC REGULATIONS
1. PRKG N of hangar only.
2. Carriage and use of radio is required by AD OPR.

FLIGHT PROCEDURES
1. High terrain in circuit area. All CCTS left hand.
2. Right turn after DEP RWY 32.
3. Cancel SAR ABV 2,000FT AGL.

CTAF 126.7

ADDITIONAL INFORMATION
1. Bird, wombat and kangaroo hazard exists.
2. Windshear.
3. Ice in winter.
4. Caution: Strip runs parallel to Omeo Highway.

CHARTS RELATED TO THE AERODROME
WAC 3470.

MITTAGONG **ELEV 1840**

FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YMIG
342654S 1503012E VAR 13 DEG E UNCR

AD OPR Mittagong Aero Club, PO Box 157, Bowral, NSW, 2576. PH Club President 0414 603 644: Treasurer 0414 863 102: Secretary 0418 643 082. Website: www.mittagongaeroclub.com.

REMARKS
1. Private airfield. Visitors welcome. PPR.
2. Refer website for visitor information.
3. Landing and overnight parking fees apply to all non-member ACFT refer website for schedule of charges.
4. Car park area locked when no member is present.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 121.2

LOCAL TRAFFIC REGULATIONS
1. No training activity by visiting aircraft (circuits, touch and go, stop and go, fullstop, precautionary search and landing exercises, practice forced landing etc).
2. Preferred RWY (weather conditions permitting): Takeoff RWY 06 - Landing RWY 24.

FLIGHT PROCEDURES
1. Right CCTS RWY 24, due to terrain.
2. Pilots are request to avoid overflying residential buildings and to avoid aerobatics within 3NM of the airfield.

CTAF 126.7

ADDITIONAL INFORMATION

Caution:

a. Windshear on take-off and landing RWY 24 with strong SW winds.
b. Rising terrain departing RWY 24.
c. Animal hazards (kangaroos).

CHARTS RELATED TO THE AERODROME

WAC 3456.

MOAMA

ELEV 310

FULL NOTAM SERVICE NOT AVBL



NSW		UTC +10	YMMO
360428S	1444552E	VAR 11 DEG E	UNCR

AD OPR Michael Jones, 120 Milgate Rd, Moama, NSW, 2731. PH 0418 953 727.

PHYSICAL CHARACTERISTICS

16/34	28c	Unrated. Sand. RWY LEN 850M. RWY unusable after heavy rain.	WID 30

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	126.8 Circuit Area

FLIGHT PROCEDURES

Right hand circuits RWY 34.

CTAF 119.1

ADDITIONAL INFORMATION

RWY 16/34 becomes unserviceable after heavy rain.

CHARTS RELATED TO THE AERODROME

WAC 3469, 3470.

MODEWARRE

ELEV 420

FULL NOTAM SERVICE NOT AVBL

VIC		UTC +10	YMOD
381538S	1440531E	VAR 12 DEG E	UNCR

AD OPR F. Cumming, 220 Connies Lane, Buckley, VIC, 3240. PH 0418 476 234.

REMARKS

PPR.

PHYSICAL CHARACTERISTICS

03/21	21c	Unrated. Grass. RWY LEN 650M.	WID 17
15/33	26c	Unrated. Grass. RWY LEN 800M.	WID 17

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	126.8 1500FT

CTAF 119.0

ADDITIONAL INFORMATION

1. One of five airfields in the immediate vicinity.
2. Beware of animals.
3. RWY becomes soft in wet conditions.
4. Model ACFT OPS may occur WI 500M RAD of ARP, SFC - 1,500FT AGL. OPR CTC phone: 0438 918 240.

CHARTS RELATED TO THE AERODROME

WAC 3649, 3470.

Information may be continued on the next page: PTO

MONARTO SAFARI PARK

ELEV 387

FULL NOTAM SERVICE NOT AVBL

SA UTC +9:30 YOAR
350512S 1390934E VAR 8 DEG E UNCR
AD OPR Monarto Safari Park, 63 Monarto Road, Monarto, SA, 5254.
Email: monartooperations@zoossa.com.au. PH Duty Manager: 0428 425 906. ARO 08 8230 1401: 0428 425 906.

REMARKS

1. PPR from Duty Manager.
2. Landing fee of a $50.00 tax deductible donation to the Zoos SA conservation program applies.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA ADELAIDE CENTRE 130.45

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3458.

MONKIRA

ELEV 350

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YMNK
244907S 1403312E VAR 7 DEG E UNCR
AD OPR Monkira Pastoral Co, Monkira Station, via Boulia, QLD, 4829.
PH 07 4656 4956. Fax 07 4656 4959.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.4 4500FT

CTAF 126.7

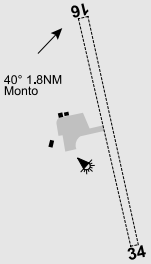
CHARTS RELATED TO THE AERODROME

WAC 3342.

MONTO

ELEV 757

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YMTO
245332S 1510607E VAR 10 DEG E UNCR
AD OPR North Burnett Regional Council, PO Box 390, Gayndah, QLD, 4625.
Email: admin@northburnett.qld.gov.au. Council PH 1300 696 272.
Fax 07 4161 1425.

PASSENGER FACILITIES

PT/WC/LG/TX (07 4166 1124, AH 4166 1254)/HC (4166 1755)/AC (4166 1377, 4166 1777)/ Terminal shelter.

APRONS AND TAXIWAYS

Sealed TWY and APN.

AERODROME OBSTACLES
Assume APCH OLS and transition OLS infringements exist.

PHYSICAL CHARACTERISTICS
16/34 43a Unrated. Sealed. RWY LEN 1,310M. WID 30 RWS 90
Slope 0.3% down to N.

AERODROME AND APPROACH LIGHTING
RWY 16/34 LIRL AFRU+PAL 126.7

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 124.1 3000FT

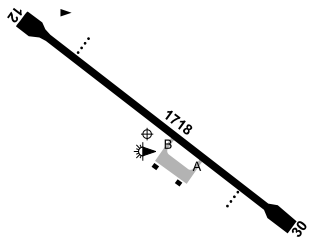
CTAF - AFRU 126.7

ADDITIONAL INFORMATION
1. Assume bird and animal hazards exist.
2. Model ACFT OPR WI 1,000M RAD FM ARP. OPR will monitor CTAF.

CHARTS RELATED TO THE AERODROME
WAC 3340.

MOOMBA ELEV 143

AVFAX CODE 5204



SA UTC +9:30 YOOM
280558S 1401149E VAR 7 DEG E CERT
AD OPR Santos Ltd, PO Box 2319, Adelaide, SA, 5001.
PH 08 8116 5213. ARO 0419 847 168 (H24). Fax 08 8116 5057.

REMARKS
1. PPR.
2. AD charges to all unauthorised ACFT.

HANDLING SERVICES AND FACILITIES
Sodexo refuelling: Phone 0491 970 912. AVBL HJ. JET A1 only.
Refuelling: PH 08 8678 4107 AVBL H24. Account holders only.

AERODROME OBSTACLES
1. Lit COM TWR:
   a. 313FT AMSL PSN 280704.8S 1401242.1E. Infringes HZS by 25FT.
   b. 315FT AMSL PSN 280712.1S 1401243.5E. Infringes HZS by 27FT.
2. Apron flood lights:
   a. 183FT AMSL PSN 280605.4S 1401154.7E. Infringes TNS by 9.5FT.
   b. 183FT AMSL PSN 280606.4S 1401156.2E. Infringes TNS by 9.5FT.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 08 8150 3808 - Report faults to AD OPR.
3. AWIS FREQ 128.55 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS
12/30 120 56a PCR 232/F/B/1.03 MPa/U Graded. WID 30 RWS 150

AERODROME AND APPROACH LIGHTING
RWY 12/30 LIRL(1) PAL+AA 120.6 SDBY PWR AVBL
RWY 12/30 PAPI(2) PAL+AA 120.6 3.0 DEG52FT SDBY PWR AVBL
RWY 12/30 PTBL(3) BY PRIOR ARRANGEMENT
(1) PAL will not ACT RWY lighting by day in good VIS.
(2) Left side.
(3) EMERG only. 60MIN PN.
RWY edge light spacing: 12/30: 60M.

Information may be continued on the next page: PTO

OTHER LIGHTING
1. Secondary PWR switchover time: 9 SEC.
2. TWY LGT: Blue edge on A and B.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA	MELBOURNE CENTRE	119.5 On Ground
BASE	MOOMBA BASE	126.4 (1)

(1) All OPS: Advise AD OPR at least 20 MIN prior to ETA.

RADIO NAVIGATION AND LANDING AIDS
DME	OOM	112.0/ 57X	280615.4S	1401158.8E		(1)
NDB	OOM	227	280615.6S	1401156.9E	Range 75 (HN 75)	(2)

(1) 120/1.7 to ARP. Antenna ELEV 142FT.
(2) 120/1.7 to ARP.

LOCAL TRAFFIC REGULATIONS
ACFT ABV 5,700KG must use nodes for 180 turns.

FLIGHT PROCEDURES
1. RWY 30 right hand circuits required.
2. ACFT are to avoid overflying the gas treatment plant 800M S RWY 30 THR.

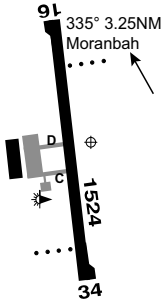
CTAF - AFRU 126.7

ADDITIONAL INFORMATION
1. Gas vent 600M S RWY 30 THR. Operational use advised by NOTAM.
2. Increased wildlife activity will be communicated via NOTAM as required. Pilots are encouraged as part of flight planning to REQ current information from AD safety personnel on 08 8678 4513.

CHARTS RELATED TO THE AERODROME
1. WAC 3355.
2. Also refer to AIP Departure and Approach Procedures.

MORANBAH ELEV 770

AVFAX CODE 4418



QLD UTC +10 YMRB
220328S 1480439E VAR 8 DEG E CERT

AD OPR BM Alliance Coal Operations, Moranbah Airport, PO Box 299, Moranbah, QLD, 4744. Email: airport.scheduling@bhp.com.
PH AD MGR 0406 600 821: ARO/Airport Scheduling 0439 668 368.

REMARKS
1. This AD is a Security Controlled Airport monitored by CCTV.
2. Private AD. Restricted OPS. PPR for all OPS. PN 3 days. Email Airport Scheduling.
3. AD Charges: All ACFT.

HANDLING SERVICES AND FACILITIES
VIVA Australia Aviation: RMILLS Pty Ltd. PH 0418 147 565. JET A1 AVBL year round, Non RPT 12HR PN, AH call out fee will apply. Fuel2Sky and credit card (V and MC).

AERODROME OBSTACLES
1. Drag line crane 213FT AGL 1,600M SW of AD may infringe HZS. Non STD LGT HN.
2. Unlit mast 1,250FT AMSL BRG 162 DEG MAG 7.82NM FM ARP.
3. Lit and marked dust TWR 946FT AMSL BRG 260 DEG MAG 1.11NM FM ARP. Infringes inner HZS by APRX 50FT.
4. Unlit dump piles:
   a. 985FT AMSL BRG 241 DEG MAG 1.48NM FM ARP. Infringes OLS.
   b. 985FT AMSL BRG 226 DEG MAG 1.73NM FM ARP. Infringes OLS.
   c. 985FT AMSL BRG 216 DEG MAG 2.15NM FM ARP. Infringes OLS.
   d. 1,182FT AMSL BRG 211 DEG MAG 2.15NM FM ARP. Infringes OLS.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 07 3564 3727 - Report faults to BoM.
3. AWIS FREQ 122.075 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

16/34	163	50a	PCR 240/F/D/Y/U Sealed.	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 16/34	LIRL(2)	AFRU+PAL 127.5		SDBY PWR AVBL
RWY 16/34	PAPI(3)	AFRU+PAL 127.5	3.0 DEG48FT	SDBY PWR AVBL
RWY 16/34	RTIL(1)	AFRU+PAL 127.5		SDBY PWR AVBL

(1) H24
(2) HN and low LGT conditions only.
(3) H24. PAPI left side.
RWY edge light spacing: 16/34: 60M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	128.55 Circuit area (On ground COM contact 118.45)

LOCAL TRAFFIC REGULATIONS

1. All ACFT performing 180 DEG turns on RWY must be at MNM speed and MAX RAD WI the RWY turning nodes.
2. All ACFT entering or vacating TWY must be at MNM speed.

FLIGHT PROCEDURES

1. RWY 34 right hand CCTS HJ and HN.
2. Mandatory final APCH call.
3. Due to RWY profile causing possible obstructed VHF COM, ACFT must BCST intentions on CTAF before operating on RWY.

CTAF - AFRU 127.5

ADDITIONAL INFORMATION

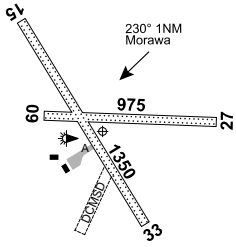
1. Blasting may take place 5NM S through to SW WI the open cut mine site (CTC 0439 668 368 for INFO).
2. Bird and animal hazard exists year round with risk species varying depending on weather conditions. Pilots should CTC ARO for real time wildlife hazard report.
   a. Black kite, magpie, bustard, galah and crows are present all year round.
   b. Flying foxes are a seasonal risk at dawn and dusk in VCY of RWY 16/34 APCH and DEP tracks. Peak risk period is DEC-FEB, although potential exists year round.

CHARTS RELATED TO THE AERODROME

1. WAC 3234, 3235.
2. Also refer to AIP Departure and Approach Procedures.

MORAWA — ELEV 902

AVFAX CODE 6032



WA		UTC +8	YMRW
291205S	1160119E	VAR 1 DEG W	CERT

AD OPR Shire of Morawa, PO Box 14, Morawa, WA, 6623.
Email: admin@morawa.wa.gov.au. PH 08 9971 1204.
ARO 0499 829 302 (H24).

METEOROLOGICAL INFORMATION PROVIDED

METAR/SPECI.

PHYSICAL CHARACTERISTICS

09/27	090	32c	5700 kg/0.55 MPa Sand/Gravel.	WID 18	RWS 60
15/33	150	44c	PCR 40/F/A/Y/U Sand/Gravel.	WID 30	RWS 80

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING
RWY 15/33 PTBL(1)
(1) EMERG only. Solar lighting. Automatic activation HN.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 124.8

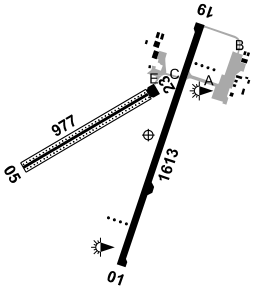
LOCAL TRAFFIC REGULATIONS
Prior permission required for overnight parking. Contact AD OPR.

CTAF 126.7

CHARTS RELATED TO THE AERODROME
1. WAC 3351.
2. Also refer to AIP Departure and Approach Procedures.

MOREE **ELEV 701**

AVFAX CODE 2057



NSW UTC +10 YMOR
292956S 1495041E VAR 11 DEG E CERT
AD OPR Moree Plains Shire Council, PO Box 420, Moree, NSW, 2400. PH 02 6757 3222. ARO 24HR 0428 681 319. Fax 02 6752 6030.

REMARKS
1. AD Charges: All ACFT.
2. YMOR is a Security Controlled Airport. ASIC/VIC regulations apply.
3. RWY 01/19 AVBL H24.
4. Terminal opening hours (Local):
   MON and TUES 0730-1530
   WED - FRI 0730-2000
   SAT 0730-1230
   SUN 1700-2000

HANDLING SERVICES AND FACILITIES
AIR BP - Austrek Aviation Pty Ltd: AVGAS H24 cardswipe bowser (BP Carnet, V, MC, AMEX and EFTPOS). JET A1 tanker, overwing and pressure refuelling. 1HR PN required for all ACFT. No call-out fee. TEL 0418 651 081. Email: admin@austrekair.com.au.

PASSENGER FACILITIES
TX/LG/WC/HC/RF/ME

AERODROME OBSTACLES
1. LIOL - TWR 916FT/356DEG MAG, 3,550M FM RWY 23 RWS end.
2. Aerials on silo 920FT/084DEG MAG, 730M FM RWY 23 RWS end.
3. Flour Mill lit 855FT/347DEG MAG 3,020M FM SOT RWY 01.
4. Transient heavy vehicles 713FT AMSL PSN 292929.1S 1495054.0E. Infringes RWY 19 APCH SFC by 6FT.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT C, METAR/SPECI, AD WRNG.
2. AWIS Phone 02 9353 6435 - Report faults to BoM.
3. AWIS FREQ 129.2 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

01/19	006	53a	PCR 360/F/D/1.00 MPa/T	WID 30	RWS 150
05/23	047	32c	Unrated. Gravel. Central 10M sealed	WID 23	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 01/19	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL
RWY 01/19	PAPI(1)	AFRU+PAL 126.7	3.0 DEG51FT	SDBY PWR AVBL

(1) Left side only.
RWY edge light spacing: 60M.

OTHER LIGHTING
1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge on A.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 127.1 On Ground

RADIO NAVIGATION AND LANDING AIDS
NDB MOR 392 292950.2S 1495105.6E Range 45 (HN 45)

LOCAL TRAFFIC REGULATIONS
1. Carriage and use of radio is required by AD OPR.
2. Parking on apron limited to 15MIN except ATO ACFT.

CTAF - AFRU 126.7

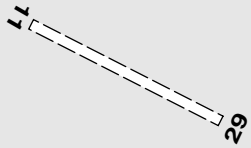
ADDITIONAL INFORMATION
1. Large flocks of galahs FM August to December.
2. Kangaroo hazard exists.
3. Large numbers of ibis exist year round.
4. Weather balloon launch APRX 2315 UTC FM 1KM NNE of ARP. Launches may occur at other times.
5. Police UAV OPS may occur within 10NM vicinity of YMOR. SFC to 1,500FT AMSL.

CHARTS RELATED TO THE AERODROME
1. WAC 3356, 3357.
2. Also refer to AIP Departure and Approach Procedures.

MORNEY

ELEV 340

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YMNY
252130S 1412600E VAR 7 DEG E UNCR
AD OPR Morney Pastoral Co, Morney Station, via Windorah, QLD, 4481. PH and ARO number 07 4656 4955.

PASSENGER FACILITIES
Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 125.4 8500FT

CTAF 126.7

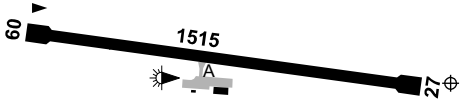
CHARTS RELATED TO THE AERODROME
WAC 3342.

MORNINGTON ISLAND

ELEV 33

AVFAX CODE 4516

QLD UTC +10 YMTI
163945S 1391041E VAR 5 DEG E CERT
AD OPR Mornington Shire Council, 1 Mission Rd, Gununa, QLD, 4892.
Email: airport.reporting@mornington.qld.gov.au. PH 07 4745 7811 (BH). ARO 0447 663 443.
Mobile Council Manager 0459 078 876 (H24). Website: www.mornington.qld.gov.au.



Information may be continued on the next page: PTO

REMARKS

1. AD Charges: All ACFT except RFDS. For current fees visit website.
2. This AD is a Security Controlled Airport.
3. Alcohol is restricted on Mornington Island. Heavy penalties apply. Special provisions apply for alcohol being imported on consignment and restrictions may vary from time to time. Further information regarding alcohol restriction is available at https://www.qld.gov.au/firstnations/community-alcohol-restrictions/remote-discrete-communities/mornington-island or by calling 13 74 68.
4. ACFT tie down points not AVBL.

HANDLING SERVICES AND FACILITIES

No AVGAS/JET A1 AVBL.

PASSENGER FACILITIES

PT/WC/RF during SKED OPS. HC with 24HR PN. CTC PH 0487 714 615. Telstra 4G mobile reception AVBL at AD and within community.

AERODROME OBSTACLES

MIOL, HN, 257FT AMSL BRG 136 MAG 667M FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 07 3564 3728 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

09/27 094 50a PCR 89/F/D/0.85 MPa/U Sealed WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 09/27 LIRL PAL+AA 126.7 SDBY PWR AVBL

1. RWY edge light spacing: 60M.
2. SDBY PWR AVBL supplied by AD generator (manual switchover), 60MIN PN.
3. PRI IWI LGT will activate on PAL and will flash for last 10MIN of cycle

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.7 On Ground

LOCAL TRAFFIC REGULATIONS

1. All ACFT to make MAX radius, MNM speed turns at RWY ends to avoid SFC damage.
2. All ACFT to avoid heavy braking RWY 09/27 unless operationally required.
3. Taxi guidance lines and marked SF34 parking position AVBL for Rex SKED OPS and itinerant ACFT (with 24HR PPR). All ACFT below 5,700KG MTOW to use GA parking areas, except RFDS ACFT (HN).
4. Pedestrian gate must be closed and latched prior to departure and whenever unattended. CTC ARO for gate code, which must not be provided to PAX.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

1. Bird hazard exists (little corella, magpie lark and whistling kite) in VCY of RWY 09/27. Raft of ducks typically confined to ponds N of RWY 09 APCH WI 200M RAD of PSN 163928S 1390940E. Occasional sighting of other marine bird species WI coastal areas. Bats may be present (HN). ARO will conduct bird harassment OPS prior to ARR and DEP of SKED ACFT where required. Additional inspections AVBL on request. Call out fees may apply.
2. Helicopter OPS (Ranger services) may take place in VCY of AD.
3. Fireworks display may take place WI 5NM RAD of ARP on 31 DEC (HN). Exact times, location and CTC details to be advised via NOTAM. Display will pause for EMERG ACFT OPS with 30 MIN PN.

CHARTS RELATED TO THE AERODROME

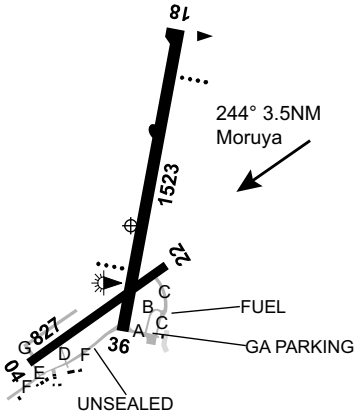
1. WAC 3220.
2. Also refer to AIP Departure and Approach Procedures.

MORUYA

ELEV 19

AVFAX CODE 2123

NSW UTC +10 YMRY
355351S 1500844E VAR 13 DEG E CERT
AD OPR Eurobodalla Shire Council, PO Box 99, Moruya, NSW, 2537.
Email: airport@esc.nsw.gov.au. ARO Phone/Fax 4474 2095: 0409 037 520 (H24).
Council PH 02 4474 1000: AH EMERG 1800 755 760.



REMARKS

1. AD Charges: All ACFT
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

World Fuel Services: H24 self-serve bowser JET A1, AVGAS, phone 0409 037 520, World Fuel Services cards or V and MC via smartphone APP. Call-out fee applies.

PASSENGER FACILITIES

TX 02 4474 3455/HC 02 6495 3444.

AERODROME OBSTACLES

Lit TWR 186 DEG MAG 1.4NM FM ARP 342FT AMSL.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 02 9353 6436 - Report faults to BoM.
3. AWIS FREQ 136.6 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

04/22	043	27a	PCR 90/F/A/Y/T	WID 18	RWS 80
18/36	179	50a	PCR 130/F/A/Y/T	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 18/36	LIRL(1)	PAL+AA 122.4		SDBY PWR AVBL
RWY 18/36	PAPI(2)	PAL+AA 122.4	3.0 DEG39.5FT	SDBY PWR AVBL

(1) PAL activation - minimal delay between pulses.
(2) Left side. PAL activation- minimal delay between pulses.
RWY edge light spacing: 18/36: 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: 20 SEC.
2. TWY LGT: Blue edge on main TWY BTN RWY 36 THR and RPT APN.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	120.75 1,500FT

Information may be continued on the next page: PTO

LOCAL TRAFFIC REGULATIONS
1. GA PRKG on grassed areas ADJ to eastern sealed APN is preferred.
2. ACFT on RWY may not be visible to each other. Make radio call before rolling.
3. Grass RWY strip available for TKOF and landing, East RWY 18 and North RWY 04 preferred.

CTAF - AFRU 132.05

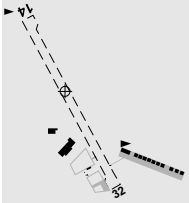
ADDITIONAL INFORMATION
Intensive parachute OPS GND to FL150. If unfamiliar CTC jump pilot via CTAF.

CHARTS RELATED TO THE AERODROME
1. WAC 3456, 3470.
2. Also refer to AIP Departure and Approach Procedures.

MOUNT BEAUTY

ELEV 1100

FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YMBT
364343S 1471001E VAR 12 DEG E UNCR
AD OPR Mt Beauty Airport Management Association Inc, PO Box 72, Mt Beauty, VIC, 3699. Email: mail@ymbt.org.au. PH 0417 565 514 or 0412 990 622. Website: www.ymbt.org.au.

HANDLING SERVICES AND FACILITIES
Fuel supplied by IOR Aviation, AVGAS and JET A1 AVBL H24 self-serve. PH 1300 457 467.Payment via IOR Aviation tag for account holders or via the Fuelcharge APP.

PASSENGER FACILITIES
WC.

APRONS AND TAXIWAYS
Main APN: Unrated asphalt.

AERODROME OBSTACLES
Power lines and sensitive area 1NM SW of airstrip.

PHYSICAL CHARACTERISTICS

14/32	49a	Unrated. Asphalt. RWY 32 DTHR 310M. Turn pads each end 23M WID. RWS begins ADJ to RWY end. RWY LEN 1,500M.	WID 18	RWS 60

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.2 Circuit Area

LOCAL TRAFFIC REGULATIONS
1. TKOF RWY 14 not recommended due steep terrain, RWY upslope and possible down drafts.
2. Model ACFT may operate when no TFC on AD or circuit. Avoid TAX over model ACFT strip on RWS in front of terminal building.
3. PRKG AVBL on grass N or S of terminal building, cable tie-downs. No PRKG on hangar APN.
4. Overflying the AD should be avoided due to glider cable launching.

FLIGHT PROCEDURES
1. Right hand CCT when OPR RWY 32.
2. Preferred landing direction RWY 14.

CTAF 126.0

ADDITIONAL INFORMATION

1. Additional INFO AVBL FM website: Fly Neighbourly Policy, Weather, RWY camera.
2. High ground 1NM SE of airstrip.
3. Gliding OPS HJ DLY at AD. Cable launching to 3,500FT AMSL. Winch located 120M NW of RWY14 THR. Winch flashing beacon indicates launch in progress. Gliding OPS phone: 0417 565 514 or 0409 277 328.
4. Hang gliders and paragliders operate around and on AD.
5. RWS and grass areas can be soft after rain.
6. Animal hazards (kangaroos and birds) exist.

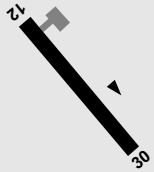
CHARTS RELATED TO THE AERODROME

WAC 3470.

MOUNT BUNDEY

ELEV 150

FULL NOTAM SERVICE NOT AVBL



NT		UTC +9:30	YMDY
125324S	1315426E	VAR 2 DEG E	UNCR

AD OPR Range Control Headquarters, CSIC - NT/K, Robertson Barracks, Palmerston, NT, 0830. PH Mount Bundey Range Control 0427 166 790.

REMARKS

1. PPR from Range control.
2. Caution: This aerodrome is not subject to routine serviceability inspection or NOTAM advice of unserviceabilities. Additional aerodrome data is available from the contact telephone numbers above.
3. CIV ACFT (excluding EMERG ACFT) shall not plan to use YMDY.
4. EMERG ACFT are to contact Mt Bundey Range control for both planned and short notice/ EMERG use.
5. Aircraft required to be in possession of Mount Bundey Special map to allow clearance onto the range. Clearances will be issued with respect to military grid reference system eastings and northings or with respect to named sectors/roads.

HANDLING SERVICES AND FACILITIES

No Fuel AVBL.

PASSENGER FACILITIES

Composting toilet and rain water tanks between parking apron and runway.

APRONS AND TAXIWAYS

TWY 95M x 15M, Parking area 50M x 115M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	124.1

LOCAL TRAFFIC REGULATIONS

1. Contact Mt Bundey Range Control prior to DEP to CFM FREQ RQMNTS. Range Safety radios only manned when restricted areas are active.
2. C130 to conduct MAX RAD turns at turning areas.
3. Parking area NE of THR RWY 12.
4. Helicopter forward arming and refuelling point may be located on TWY, within parking APN or on RWY.
5. HEL pad suitable for UH/LOH day or night operations at GR067764. Surface bitumen. Lit water tower near HEL pad.

Information may be continued on the next page: PTO

FLIGHT PROCEDURES

1. Range Safety must be contacted before entering R224A/B or R228A.
2. Aircraft must monitor the VHF FM range safety frequency or be in formation with aircraft that is continuously monitoring VHF FM range safety FREQ.
3. Prefer fixed wing aircraft to approach and depart restricted areas from/to NE.
4. Fixed wing traffic to conduct circuits to NE of airfield.
5. Straight in approach is available IAW AIP and range clearance.
6. Circuit calls to be made on 126.7 MHz.
7. Noise Sensitive Area. Aircraft are not to fly lower than 1,500FT AGL within a 5NM radius of Anaburroo Station (125450S 1314020E), 260/13.9NM from ARP.
8. MIL ACFT may conduct OPS within R224A using Light Enhancement Devices and may not display external lighting.
9. A/G FREQ 126.05 when Range in use.

CTAF 126.7

ADDITIONAL INFORMATION

1. AD located within R224A.
2. MIL users consult *Aircraft Pavement Strength Evaluation Manual* (adf.ces@defence.gov.au) and *Airfield Survey Database* (airfield.surveyagency@defence.gov.au) for latest data.

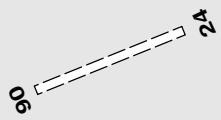
CHARTS RELATED TO THE AERODROME

1. WAC 3109.
2. Mount Bundey training area special, AUSPEC0027, Edition 3-AAS.

MOUNT COOLON

ELEV 785

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YMCL
212313S	1471956E	VAR 8 DEG E	UNCR

AD OPR Whitsunday Regional Council, PO Box 104, Proserpine, QLD, 4800. Mobile 0417 762 235.

PASSENGER FACILITIES

Telephone facilities not AVBL

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	128.55 2000FT

CTAF 126.7

ADDITIONAL INFORMATION

Animal hazard exists.

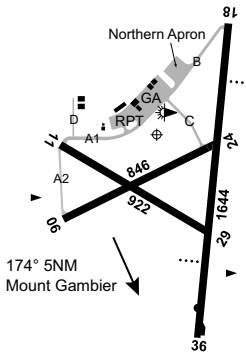
CHARTS RELATED TO THE AERODROME

WAC 3234, 3235.

MOUNT GAMBIER

ELEV 212

AVFAX CODE 5006



SA UTC +9:30 YMTG
374444S 1404707E VAR 10 DEG E CERT
AD OPR District Council of Grant, PO Box 724, Mount Gambier, SA, 5290. ARO 08 8725 1112 (H24). Council PH 08 8721 0444.

REMARKS

1. AD Charges: Itinerant ACFT: $7.30/tonne MTOW pro-rata per landing. MNM $12.50.
2. BTN 2230-0515 Local, airport entrance gates are locked for security. Opening charges apply. MNM fee $25.
3. This AD is a Security Controlled Airport.
4. Parking not permitted on RPT apron without prior approval. RPT ACFT excepted.

HANDLING SERVICES AND FACILITIES

Stark Aviation: 0407 799 727. No text messages. AVGAS AVBL H24 self-serve Compac Pay APP required for all credit card transactions (instructions on bowser). Flying Fuels local cards accepted. JET A1 AVBL H24 via fuel truck PH 0407 399 285. Call-out fee $99 applies outside normal HR (0800 - 1600 Local MON-FRI).

PASSENGER FACILITIES

WC/LG (restricted hours)/HC/TX/RF (restricted hours).

APRONS AND TAXIWAYS

TWY B, Northern and RPT APN unrated.

AERODROME OBSTACLES

APCH RWY 36 visual segment surface infringed by trees:

1. 274FT AMSL, 713M FM THR 170M E of RCL.
2. 270FT AMSL, 758M FM THR 135M E of RCL.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 08 8150 3809 - Report faults to BoM.
3. AWIS FREQ 133.425 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

06/24	054	28a	PCR 50/F/A/0.79 MPa/U	WID 30	RWS 90
11/29	111	30a	PCR 50/F/A/0.79 MPa/U	WID 30	RWS 90
18/36	176	54a	PCR 115/F/B/1.00 MPa/U	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 06/24	LIRL	PAL+AA 122.3		SDBY PWR AVBL
RWY 18/36	LIRL	PAL+AA 122.3		SDBY PWR AVBL
RWY 18/36	PAPI(1)	PAL+AA 122.3	3.0 DEG41FT	

(1) Left side.

1. RWY edge light spacing:
   a. RWY 18/36: 60M.
   b. RWY 06/24: 90M.
2. HJ Selection of PAL will only activate PAPI and primary WDI. RWY lights will OPR only when poor light levels exist.

OTHER LIGHTING

1. TWY LGT: Green CL on B. Blue edge on A1, A2.
2. SDBY PWR switchover time: 30 SEC.

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.8 For on ground CTC with ML CEN, use FREQ 120.3

RADIO NAVIGATION AND LANDING AIDS

NDB	MTG	266	374509.2S	1404644.5E	Range 75 (HN 75)	(1)
VOR	MTG	117.0	374505.0S	1404707.0E		

(1) Range 50 in sector 110-140.

LOCAL TRAFFIC REGULATIONS

1. GA area and TWY A1, A2, C (sealed) and D not AVBL to ACFT ABV 5,700KG.
2. During fire season when CFS Airbase is active, light ACFT PRKG and tie down area is adjacent to the primary WDI marked with yellow cones.

CTAF - AFRU 126.65

ADDITIONAL INFORMATION

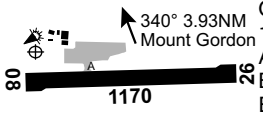
1. Bird hazard exists.
2. Weather balloon launch MON and THU APRX 2315 UTC FM 1KM W ARP. Launches may occur at other times.

CHARTS RELATED TO THE AERODROME

1. WAC 3469.
2. Also refer to AIP Departure and Approach Procedures.

MOUNT GORDON — ELEV 900

AVFAX CODE 4321



QLD UTC +10 YGON
194619S 1392404E VAR 5 DEG E CERT

AD OPR Capricorn Copper Pty Ltd, Level 3, 232 Adelaide Street, Brisbane, QLD, 4000. PO Box 1933, Milton LPO, QLD, 4064. Email: cco.dl.cro@29metals.com. PH AD Manager (on site) 0488 772 930 or 07 4748 9998. PH 07 3145 0160.

REMARKS

Private AD. PPR for all OPS H24.

APRONS AND TAXIWAYS

TWY A - Code C, WID 15M, asphalt sealed.

AERODROME OBSTACLES

1. MIOL on terrain:
   a. 1,073FT AMSL, BRG 3.57 DEG MAG 0.27NM FM the ARP. Infringes inner HZS by 54FT.
   b. 904FT AMSL 1,694M SOT, 37M R of CL and 50FT AGL at 3.3% TKOF GRAD FM RWY 08.
2. Terrain varies up to:
   a. 1,190FT AMSL BTN BRG 252 to 292 DEG MAG, and BTN 1.0 to 1.5NM FM the ARP. Infringes the inner HZS up to 171FT.
   b. 1,160FT AMSL BTN BRG 343 to 10 DEG MAG, and BTN 0.9 to 1.3NM FM the ARP. Infringes the inner HZS up to 141FT.
3. Terrain:
   a. 1,170FT AMSL 3,388M SOT, 132M L of CL and 276FT AGL at 3.9% TKOF GRAD FM RWY 26.
   b. 1,180FT AMSL BRG 323.6 DEG MAG 0.72NM FM the ARP. Infringes the inner HZS up to 161FT.
   c. 1,072FT AMSL BRG 15.1 DEG MAG 0.48NM FM the ARP. Infringes the inner HZS up to 53FT.
4. Transmission TWR 1,030FT AMSL 147M L of RCL 2,417M FM SOT 3.53% TKOF GRAD FM RWY 26.
5. Power line 1,004FT AMSL 71M L of RCL 2,404M FM SOT 2.92% TKOF GRAD FM RWY 26.

PHYSICAL CHARACTERISTICS
08/26 085 38a Unrated. Central 18M of WID sealed. WID 30 RWS 80
RWY WID will revert to 18M when soft wet SFC NOTAM is current. RWY AVBL to ACFT approved for 18M OPS.

AERODROME AND APPROACH LIGHTING
RWY 08/26 LIRL(1)
(1) MED EMERG and PPR use only.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 122.4

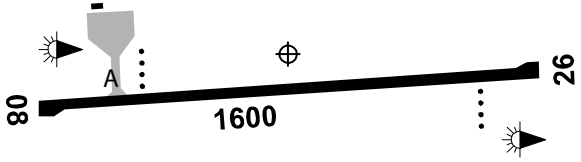
CTAF 126.7

ADDITIONAL INFORMATION
Wildlife hazard exists.

CHARTS RELATED TO THE AERODROME
WAC 3220.

MOUNT HOLLAND ELEV 1462

AVFAX CODE 6315
WA UTC +8 YMHL
320630S 1194536E VAR 0 DEG W CERT
AD OPR Covalent Lithium Pty Ltd, L3, 109 St Georges Tce, Perth, WA, 6000.
Email: mth.aerodrome@covalentlithium.com. PH Site Contact: 08 9230 5400.
ARO or AD MGR 0437 721 944 (H24). Website: www.covalentlithium.com.



REMARKS
Restricted Operations. PPR from AD MGR/ARO.

HANDLING SERVICES AND FACILITIES
Marshalling, parking allocation and ground handling services by prior arrangement with AD MGR.

APRONS AND TAXIWAYS
TWY A - Code C, WID 23M Bitumen - unrated.

AERODROME OBSTACLES
1. Lit tower 1,622FT AMSL BRG 51 DEG MAG 0.51NM FM ARP. Infringes inner HZS by 23FT.
2. Unlit tower, 1,777FT AMSL BRG 345.7 DEG MAG 1.58NM FM ARP. Infringes inner HZS by 177FT.
3. Power pole, 1,623FT AMSL BRG 279 DEG MAG 1.15NM FM ARP. Infringes inner HZS by 23FT.
4. Waste Rock Landform, 1,630FT AMSL 320610.0S 1194501.0E. Infringes inner HZS by 30FT.

PHYSICAL CHARACTERISTICS
08/26 085 52a PCR 200/F/D/Y/T WID 30 RWS 140

AERODROME AND APPROACH LIGHTING
RWY 08/26 LIRL AFRU+PAL 126.4
RWY 08/26 PAPI(1) AFRU+PAL 126.4 3.0 DEG40.4FT
(1) Left side.
Backup generator power available to main aerodrome lighting system via manual transfer. Allow 5 MIN for transfer.

Information may be continued on the next page: PTO

OTHER LIGHTING
TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA	MELBOURNE CENTRE	125.4 3500FT

LOCAL TRAFFIC REGULATIONS
1. All fixed wing ACFT ABV 5,700KG must make MAX RAD turns at MNM speed at turn pads to avoid SFC damage.
2. Itinerant PRKG CTC AD MGR/ARO.
3. All ACFT to follow APN markings.
4. All jet ACFT to use idle power for movements on the APN with the exception of breakaway thrust to initiate taxi.

FLIGHT PROCEDURES
Right hand CCTS on RWY 08.

CTAF - AFRU 126.4

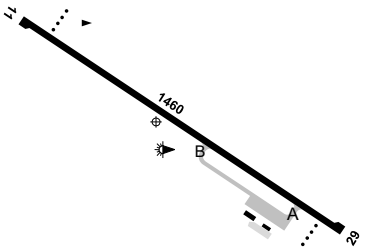
ADDITIONAL INFORMATION
CAUTION: Blasting occurs to the N of the AD. Dust plumes may occur following blasting. Contact ARO for more details.

CHARTS RELATED TO THE AERODROME
1. WAC 3462.
2. Also refer to AIP Departure and Approach Procedures.

MOUNT HOTHAM — ELEV 4260

AVFAX CODE 3065
VIC		UTC +10	YHOT
370254S	1472003E	VAR 13 DEG E	CERT

AD OPR Mt Hotham Airport Operations Pty Ltd, PO Box 8280, Northland Centre, VIC, 3072. ARO 0467 072 476 (H24). Fax AD OPS 03 5159 6776. Website: www.mthothamairport.com.au.



REMARKS
1. AD Charges: All ACFT.
2. PPR FM AD OPR for all night and non-RPT OPS, refer to website for OPR approval (PDF).
3. Call-out fee applies for approved night OPS.

HANDLING SERVICES AND FACILITIES
JET A1 year round, 2200-0600 UTC DLY; JUN-SEP - 4HR PN. OT 24HR PN. CTC AD OPR. Call-out fee applies weekends and PH during non-winter period. EFTPOS and credit cards only.

PASSENGER FACILITIES
June/September - PT/HC/BU/AC/LG/RF/WC. OT restricted hours.

APRONS AND TAXIWAYS
1. TWY B not AVBL to ACFT ABV 5,700KG MTOW.
2. TWY B AVBL to ACFT with a wingspan up to and not exceeding 15M.

AERODROME OBSTACLES

1. Lit mast 4,462FT AMSL PSN 370215.0S 1471854.2E. Infringes RWY 11 APCH SFC by 55FT.
2. Trees:
   a. 4,517FT AMSL PSN 370204.70S 1471848.02E. Infringes APCH SFC by 76FT.
   b. 4,446FT AMSL PSN 370221.17S 1471856.06E. Infringes APCH SFC by 54FT.
   c. 4,409FT AMSL PSN 370228.12S 1471904.67E. Infringes TKOF SFC by 89FT.
   d. 4,413FT AMSL PSN 370226.12S 1471902.76E. Infringes TKOF SFC by 88FT.
   e. 4,454FT AMSL PSN 370226.11S 1471854.18E. Infringes TNS by 8FT.
   f. 4,412FT AMSL PSN 370228.42S 1471904.02E. Infringes TNS by 16FT.
   g. 4,389FT AMSL PSN 370244.4S 1472013.2E. Infringes TNS by 4FT.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS Phone 03 8470 3217 - Report faults to BoM.
3. AWIS FREQ 128.05 (one-second transmit pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

11/29 111 48a PCR 175/F/C/1.14 MPa/T WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 11/29	LIRL(2)		SDBY PWR AVBL BY PRIOR ARRANGEMENT
RWY 11	PAPI(1)	3.9 DEG42FT	SDBY PWR AVBL BY PRIOR ARRANGEMENT
RWY 29	PAPI(1)	3.0 DEG41FT	SDBY PWR AVBL BY PRIOR ARRANGEMENT

(1) Left side. PN REQ
(2) PN REQ

1. RWY edge light spacing: 11/29: 56M.
2. From JUN to SEP the primary WDI located S RWY 11/29 will be yellow.
3. Main PWR supply serviced by AD generator.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge on TWY A only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.2 6500FT

LOCAL TRAFFIC REGULATIONS

All ACFT required to execute 180DEG turns at RWY end turning nodes only.

FLIGHT PROCEDURES

1. Right hand circuits required when OPR on RWY 29.
2. Pilots are requested to avoid overflying the Alpine National Park (Bogong Unit).

CTAF - AFRU 126.75

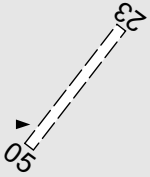
CHARTS RELATED TO THE AERODROME

1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

MOUNT HOUSE

ELEV 948

FULL NOTAM SERVICE NOT AVBL



WA		UTC +8	YMHO
170304S	1254248E	VAR 2 DEG E	UNCR

AD OPR Mount House Station, PMB Derby, WA, 6728. PH 08 9191 4703.

PASSENGER FACILITIES

PT/RF

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.1 10000FT

Information may be continued on the next page: PTO

CTAF 126.7

ADDITIONAL INFORMATION

Animal hazard exists.

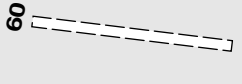
CHARTS RELATED TO THE AERODROME

WAC 3223.

MOUNT HOWITT

ELEV 345

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YMHW
263040S	1421700E	VAR 7 DEG E	UNCR

AD OPR Western Grazing Co. Mount Howitt Station, via Quilpie, QLD, 4480. PH 07 4656 4770.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	118.8 2500FT

CTAF 126.7

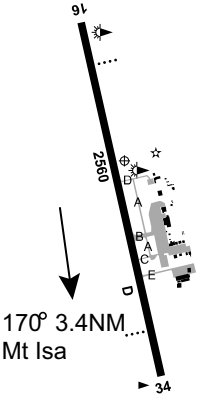
CHARTS RELATED TO THE AERODROME

WAC 3342.

MOUNT ISA

ELEV 1121

AVFAX CODE 4301



QLD		UTC +10	YBMA
203950S	1392919E	VAR 5 DEG E	CERT

AD OPR Mount Isa Airport Pty Ltd, PO Box 2305, Mount Isa, QLD, 4825. Email: aro@isaairport.com.au. PH 07 4409 3000. ARO 0428 030 409 H24. Website: www.mountisaairport.com.au.

REMARKS

1. Conditions of Use and AD Charges apply to Mount Isa Airport, details available on website (navigate Regulatory > Charges).
2. This AD is a Security Controlled Airport.
3. All pilots and operators must possess and display a current Aviation Security Identification Card (ASIC) when in all areas airside unless under escort. Passengers must be escorted at all times.
4. Parking for ACFT ABV 5,700KG MTOW requires 48HR PN. Email ARO with request.
5. For airside access CTC ARO. Access from GA to RPT terminal and landside through Gate 7, remaining clear of Security Restricted Area.
6. Operating hours: H24.

HANDLING SERVICES AND FACILITIES

BP - Air Fuel Isa: H24. PH/Fax 07 4743 4843, 0419 735 998, VHF 129.9. AVGAS 24HR AIR BP Carnet cardswipe bowser, JET A1, O117, O125, MC and V. AVFAX Briefing Facilities AVBL.
VIVA Energy Australia - NQ Fuel Services MON-FRI 0700-1900 Local, SAT 0700-1100 Local, SUN 0830-1900 Local. TEL 07 4743 7211 or 0407 961 355. Email: mtisa@nqfuelservices.com.au. AH 1HR PN (call-out fee applies).
Airside Logistics: PH 07 4744 8500, 0407 111 211 (H24). Ground handling services - marshalling, baggage/freight, check-in, crew and PAX transfers, Email: isaops@airsidelogistics.com.au, Website: www.airsidelogistics.com.au

General

The OPR does not provide ACFT marshalling services. All requests for ACFT marshalling should be directed to the airlines or FBO (if applicable).

AERODROME OBSTACLES

1. Lit stack 2,129FT AMSL BRG 179 DEG MAG 3.6NM FM ARP. Infringes COS by 690FT.
2. Fence 1,115FT AMSL BRG 162 DEG MAG 0.9NM FM ARP. Infringes TNS by 3FT.
3. Power pole 1,157FT AMSL BRG 159 DEG MAG 1.1NM FM ARP. Infringes TNS by 5FT.
4. Towers:
   a. Lit 1,585FT BRG 142 DEG MAG 3.1NM FM ARP infringes COS by 305FT.
   b. Lit 1,545FT BRG 156 DEG MAG 4.6NM FM ARP.
   c. Powerline TWR 1,254FT AMSL BRG 339 DEG MAG 2.1NM FM ARP.
   d. Powerline TWR 1,281FT AMSL BRG 342 DEG MAG 2.4NM FM ARP.
   e. Powerline TWR 1,257FT AMSL BRG 334 DEG MAG 1.9NM FM ARP.
5. Trees on hill:
   a. 1,282FT AMSL BRG 141 DEG MAG 1.1NM FM ARP. Infringes inner HZS by 24FT.
   b. 1,306FT AMSL BRG 155 DEG MAG 2.2NM FM ARP. Infringes inner HZS by 47FT.
   c. 1,292FT AMSL BRG 156 DEG MAG 2.2NM FM ARP. Infringes inner HZS by 34FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS PH 07 3564 3729 - Report faults to BoM.
3. AWIS FREQ 135.8 (requires one-second pulse to activate). Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

16/34	162	84a	PCR 305/F/A/1.47 MPa/U Grooved	WID 45	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 16/34	MIRL	AFRU+PAL 126.5		SDBY PWR AVBL
RWY 16/34	PAPI(1)	AFRU+PAL 126.5	3.0 DEG53.3FT	SDBY PWR AVBL
RWY 16/34	PTBL(2)			BY PRIOR ARRANGEMENT

(1) Left side.
(2) 120MIN PN. CTC ARO.
RWY edge light spacing: 16/34: 60M.

OTHER LIGHTING

ABN FLG 8 WG
1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge on B.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.4 On Ground

RADIO NAVIGATION AND LANDING AIDS

DME	MA	117.5/122X	203952.7S	1392908.9E		(1)
NDB	MA	338	204031.5S	1392911.6E	Range 100 (HN 60)	(2)
VOR	MA	117.5	203952.6S	1392908.3E		

(1) Antenna ELEV 1,138FT.
(2) Antenna ELEV 1,185FT
TACAN also AVBL. PTBL facility, deployed as required by MIL authorities. IDENT code, channel assignment and activation by NOTAM.

LOCAL TRAFFIC REGULATIONS

1. Local helicopter OPS are to be conducted from/to the eastern grass helicopter APN, which is the area contained by the blue cone markers off the E end of TWY C.
   The eastern grass helicopter APN is not a designated HLS and separation is not provided BTN ACFT and/or obstructions on the ground while operating within the confines of the eastern grass helicopter APN.
2. Skid mounted ACFT are not permitted to park on any sealed or asphalt surface, including bowsers, TWY, APN, run-up bay, etc.
3. Air taxi to/from the eastern grass helicopter APN to the RWY via TWY C is to be avoided unless necessary. If necessary, air taxiing is to be conducted as high and as quickly as practical, to minimise dispersion of debris into hangars and workshops.
4. Training flights permitted BTN 2100-1200 UTC only.
5. No turns permitted in the overrun beyond RWY THR.
6. All turns to be MNM speed, MAX RAD.

Information may be continued on the next page: PTO

7. Due to the grades on RWY 16/34, the opposite ends of the RWY are not visible when TKOF. Mandatory CTAF BCST required before OPR on RWY.
   a. From the TWY holding point, ACFT at THR RWY 16 may not be visible.
   b. ACFT at THR 16 and 34 may not be visible to one another.
   c. CTAF BCST FM ACFT at the TWY holding point may not be received by ACFT at THR RWY 16.
8. TWY E limited to Royal Flying Doctor Service (RFDS) and LifeFlight ACFT.

FLIGHT PROCEDURES
Right hand circuits RQ when OPR on RWY 34.

CTAF - AFRU 126.5

NOISE ABATEMENT PROCEDURES
Noise Abatement Procedures (NAP) apply. Refer AIP DAP.

ADDITIONAL INFORMATION
1. Blasting will be conducted at various sites WI 6NM RAD of Mount Isa AD. SFC - 2,500FT.
2. A wildlife hazard exists year round at this AD.
   a. Bird activity is significantly increased after rainfall events.
   b. Whistling kite, magpie lark, bustard and nankeen kestrel present all year round.
   c. Black kites occur year round and occur in very high numbers during insect swarms, NOTAM will be issued in these events.
   d. Australian pratincole present in greater numbers OCT to APR but may occur seasonally year round.

   For current information refer to NOTAM.
3. Flying foxes are a seasonal risk at dawn and dusk on the APCH to the RWY (on and off airfield). Peak risk period is AUG through until FEB although potential risk exists year round.
4. Multiple gas turbine facilities emit high velocity plume rise at locations APRX 7NM S of AD.
5. Weather balloon launch APRX 2315 FM 1.5KM S ARP. Launches may occur at other times.

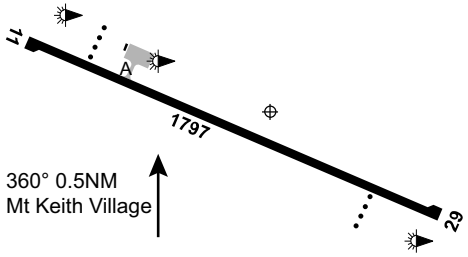
CHARTS RELATED TO THE AERODROME
1. WAC 3233.
2. Also refer to AIP Departure & Approach Procedures.

MOUNT KEITH — ELEV 1792

AVFAX CODE 6605

WA		UTC +8	YMNE
271711S	1203317E	VAR 1 DEG E	CERT

AD OPR BHP Nickel West Pty Ltd (Mount Keith), PO Box 238, Welshpool Delivery Centre, WA, 6986. Email: mountkeithaerodrome@bhp.com. PH AD MGR 0450 031 931. Email: joseph.buchanan@bhp.com. ARO 08 9037 8748: 0499 821 780 (H24).



REMARKS
1. PPR for all OPS. Email ARO.
2. AD charges: ALL ACFT.

HANDLING SERVICES AND FACILITIES
No fuel AVBL.

PASSENGER FACILITIES
LG/RF/WC

AERODROME OBSTACLES
1. Unlit terrain:
   a. 2,024FT AMSL PSN 271517.85S 1203225.94E. Infringes HZS by 85FT.
   b. 1,998FT AMSL PSN 271449.7S 12033.22.67E. Infringes COS by 33FT.
2. Unlit earth bund:
   a. 1,781FT AMSL PSN 271711.33S 1203316.81E. Infringes transitional SFC by 1FT.
   b. 1,795FT AMSL PSN 271702.37S 1203242.07E. Infringes transitional SFC by 3FT.
3. Unlit fence 1,788FT AMSL PSN 271711.31S 1203317.65E. Infringes transitional SFC by 3FT.
4. Unlit mast 2,200FT AMSL PSN 271425.16S 1203325.61E. Infringes COS by 121FT.

METEOROLOGICAL INFORMATION PROVIDED
1. METAR/SPECI.
2. AWIS FREQ 133.15 - Report faults to BHP ARO Phone: 0499 821 780.

PHYSICAL CHARACTERISTICS
11/29	113	59a	PCR 210/F/A/Y/U	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING
RWY 11/29	LIRL(1)		SDBY PWR AVBL
RWY 11/29	PAPI(2)	3.0 DEG42FT	SDBY PWR AVBL

(1) HN.
(2) Left side. Activated H24.

OTHER LIGHTING
1. SDBY PWR switchover time: 15 SEC. Automatic activation.
2. TWY LGT: Blue edge.
3. TWY holding point LGT: 2 x yellow.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA	MELBOURNE CENTRE		118.95 On Ground
UNICOM	MOUNT KEITH UNICOM	(1)	126.5

(1) AVBL during scheduled movements.

LOCAL TRAFFIC REGULATIONS
1. All ACFT performing 180 DEG turns on RWY must be at MNM speed and MAX RAD WI the RWY turning nodes.
2. ACFT must be at taxiing speed when turning into and out of TWY/RWY.
3. Q400 ACFT to use F100 lead in taxi line on APN.
4. All HN OPS use Bay 1 only.

FLIGHT PROCEDURES
Right hand CCTS required when OPR RWY 11.

CTAF - AFRU 126.5
AFRU not AVBL on ground.

ADDITIONAL INFORMATION
1. Blasting HJ:
   a. BRG 348 DEG MAG 3.4NM FM ARP. SFC to 2,000FT AGL. CTC ARO for blasting times.
   b. BRG 170 DEG MAG 9.1NM FM ARP. SFC to 2,000FT AGL. CTC ARO for blasting times.
2. Wildlife hazards increase following rainfall events - typically between January and June.

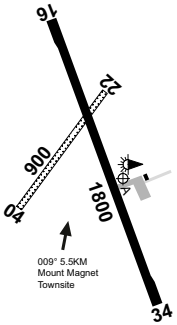
CHARTS RELATED TO THE AERODROME
1. WAC 3345.
2. Also refer to AIP Departure and Approach Procedures

Information may be continued on the next page: PTO

MOUNT MAGNET

ELEV 1354

AVFAX CODE 6011



WA UTC +8 YMOG
280658S 1175030E VAR 0 DEG W CERT
AD OPR Shire of Mount Magnet, PO Box 62, Mt Magnet, WA, 6638.
Email: works@mtmagnet.wa.gov.au. PH 08 9963 3000 BH.
ARO AH 0427 634 241 or 0409 058 809. Fax 08 9963 4133.

REMARKS

1. AD charges apply. Contact AD Operator.
2. This AD is a Security Controlled Airport.
3. Fuel not AVBL.

AERODROME OBSTACLES

Fence 989M FM SOT RWY 04, 5FT AGL.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 08 6216 2627 - report faults to BoM.
3. AWIS FREQ 122.975 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

04/22	036	30c	5700 kg/0.74 MPa Red silt sand	WID 30	RWS 90
16/34	157	59a	PCR 90/F/A/0.85 MPa/U	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 16/34 LIRL AFRU+PAL 126.7 SDBY PWR AVBL

1. RWY edge light spacing: 16/34: 60M.
2. Standby power supply requires 10 SEC switchover time for automatic generator to fully activate.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 124.8 Circuit Area

RADIO NAVIGATION AND LANDING AIDS

NDB MOG 395 280350.8S 1175037.4E Range 85 (HN 85) (1)
(1) 183/3.4 to ARP.

LOCAL TRAFFIC REGULATIONS

1. ACFT ABV 5,700KG are required to use RWY 16/34 only and to taxi on RCL and turn at turning nodes. All turns to be MNM speed, MAX RAD.
2. Due to limited apron space H24 PN required for all non RPT ACFT above 5,700KG.
3. Light ACFT PRKG Bay at S side of APN. Tie-down (not rated) provided.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

1. Inspections are carried out on MON, WED, THU and FRI. Additional inspections are AVBL and with 60 MIN PN.
2. Possible plume rise from power plant 1NM N RWY 16 THR. Plume height and velocity unavailable.

CHARTS RELATED TO THE AERODROME

1. WAC 3351.
2. Also refer to AIP Departure and Approach Procedures.

MOUNT SANFORD STATION

ELEV 759

FULL NOTAM SERVICE NOT AVBL

NT UTC +9:30 YMSF
165842S 1303318E VAR 3 DEG E UNCR
AD OPR Heytesbury Cattle Company, Victoria River Downs, PMB 19, via Katherine, NT, 0852. PH 08 8975 0773.

REMARKS

Landing charges apply

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 123.7 Circuit Area

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3222.

MOURA

ELEV 482

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YMOU
243642S 1495947E VAR 9 DEG E UNCR
AD OPR Banana Shire Council, PO Box 412, Biloela, QLD, 4715. PH 07 4992 9500: 0407 377 247. Fax 07 4992 3493.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 135.3 Circuit area

CTAF 126.7

ADDITIONAL INFORMATION

Gliding OPS HJ. Wire launching.

CHARTS RELATED TO THE AERODROME

WAC 3340, 3341.

Information may be continued on the next page: PTO

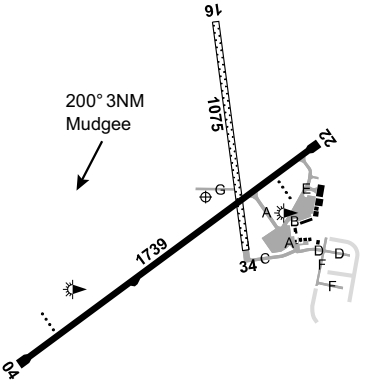
MUDGEE

ELEV 1545

AVFAX CODE 2032

NSW UTC +10 YMDG
323345S 1493640E VAR 12 DEG E CERT

AD OPR Mid-Western Regional Council, PO Box 156, Mudgee, NSW, 2850.
Email: aro@midwestern.nsw.gov.au. ARO Monday to Friday 0700 - 1600: 0407 784 467.
PH AH 02 6378 2850.
Website: www.midwestern.nsw.gov.au/services/commercial-facilities/mudgee-airport.



REMARKS

AD Charges: ACFT parking on APN - first night free.

HANDLING SERVICES AND FACILITIES

AVGAS and JET A1 AVBL via H24 self serve bowsers activated by Credit Cards and Skyfuel Carnets. PH 0418 862 100 or 02 9791 0599 or refer www.skyfuel.com.au for site orientation.

AERODROME OBSTACLES

1. TWR LIOL:
   a. 1,882FT AMSL BRG 354 DEG MAG 2.05NM FM ARP.
   b. 2,027FT AMSL BRG 016 DEG MAG 2.09NM FM ARP.
   c. 2,145FT AMSL BRG 232 DEG MAG 3.83NM FM ARP.
   d. 1,814FT AMSL BRG 043 DEG MAG 3.14NM FM ARP.
2. TWR MIOL:
   a. 2,836FT AMSL BRG 211 DEG MAG 4.37NM FM ARP.
   b. 2,638FT AMSL BRG 083 DEG MAG 2.44NM FM ARP.
3. Fences:
   a. 1,550FT AMSL PSN 323337.39S 1493703.74E APRX BRG 052 DEG MAG 737M FM ARP. Infringes RWY 04 takeoff.
   b. 1,550FT AMSL PSN 323336.90S 1493703.85E APRX BRG 051 DEG MAG 746M FM ARP. Infringes RWY 04 APCH.
   c. 1,554FT AMSL PSN 323331.62S 1493701.89E APRX BRG 053 DEG MAG 746M FM ARP. Infringes RWY 04 APCH.
   d. 1,554FT AMSL PSN 323331.53S 1493701.31E APRX BRG 038 DEG MAG 783M FM ARP. Infringes RWY 04 takeoff.
   e. 1,511FT AMSL PSN 323411.76S 1493603.25E APRX BRG 219 DEG MAG 1,174M FM ARP. Infringes RWY 22 takeoff.
   f. 1,513FT AMSL PSN 323414.38S 1493605.02E APRX BRG 215 DEG MAG 1,192M FM ARP. Infringes RWY 22 takeoff.
   g. 1,513FT AMSL PSN 323410.41S 1493602.37E APRX BRG 222 DEG MAG 1,167M FM ARP. Infringes RWY 22 takeoff.
4. Road:
   a. 1,561FT AMSL PSN 323336.73S 1493704.19E APRX BRG 051 DEG MAG 756M FM ARP. Infringes RWY 04 APCH.

b. 1,561FT AMSL PSN 323337.39S 1493704.05E APRX BRG 052 DEG MAG 744M FM ARP. Infringes RWY 04 takeoff.
c. 1,523FT AMSL PSN 323413.03S 1493604.44E APRX BRG 217 DEG MAG 1,176M FM ARP. Infringes RWY 22 APCH.

5. Buildings:
a. 1,563FT AMSL PSN 323327.67S 1493707.56E APRX BRG 038 DEG MAG 985M FM ARP. Infringes RWY 04 takeoff.
b. 1,562FT AMSL PSN 323327.69S 1493706.72E APRX BRG 038 DEG MAG 968M FM ARP. Infringes RWY 04 takeoff.

6. Lights:
a. 1,551FT AMSL PSN 323335.27S 1493704.07E APRX BRG 048 DEG MAG 775M FM ARP. Infringes RWY 04 takeoff.
b. 1,559FT AMSL PSN 323330.40S 1493705.76E APRX BRG 041 DEG MAG 986M FM ARP. Infringes RWY 04 takeoff.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 02 9353 6439 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

04/22	040	57a	PCR 100/F/C/Y/T	WID 30	RWS 90
16/34	159	35c	Unrated. Grass	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 04/22	LIRL(1)	PAL+AA 122.3		
RWY 04	PAPI(2)	PAL+AA 122.3	3.0 DEG45FT	SDBY PWR AVBL
RWY 22	PAPI(3)	PAL+AA 122.3	3.0 DEG43FT	SDBY PWR AVBL

(1) PAL+AA requires three one-second pulses to activate.
(2) Left side only. PAPI RWY 04 must not be used beyond circling area limits due to high terrain and beyond 3 NM FM ARP.
(3) Left side only

RWY edge light spacing: 04/22: 60M.

OTHER LIGHTING

1. TWY LGT: Blue edge.
2. Secondary PWR switchover time: 1 MIN.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	133.05 Circuit Area

RADIO NAVIGATION AND LANDING AIDS

NDB	MDG	398	323355.3S	1493658.5E	Range 35 (HN 35)

LOCAL TRAFFIC REGULATIONS

1. All ACFT using RWY 04/22 must takeoff and land using sealed RWY only.
2. ACFT not permitted to taxi on grass islands or on RWY 04/22 grass RWS.

FLIGHT PROCEDURES

Right hand CCTS RQ when OPR on RWY 22 and RWY 16.

CTAF 126.7

ADDITIONAL INFORMATION

1. Bird and animal hazard exists.
2. Caution:
a. RWY 16/34 THR not visible from RWY 04/22 THR.
b. RWY 04/22 THR not visible from RWY 16/34 THR.

CHARTS RELATED TO THE AERODROME

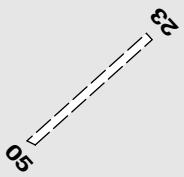
1. WAC 3456, 3457.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

MULLEWA

ELEV 950

FULL NOTAM SERVICE NOT AVBL



WA UTC +8 YMWA
282831S 1153103E VAR 1 DEG W UNCR
AD OPR City of Greater Geraldton Mullewa Office, PO Box 101, Geraldton, WA, 6531. PH 08 9956 6643. PH AH 0428 642 914, 0429 456 413, 0439 930 224 or 0438 628 004.

PASSENGER FACILITIES
PT.

AERODROME AND APPROACH LIGHTING
PAL+AA 119.6.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 121.2 6000FT

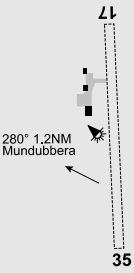
CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3351.

MUNDUBBERA

ELEV 400

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YMDA
253556S 1511908E VAR 10 DEG E UNCR
AD OPR North Burnett Regional Council, PO Box 390, Gayndah, QLD, 4625. Email: admin@northburnett.qld.gov.au. Council PH 1300 696 272. Fax 07 4161 1425.

REMARKS
1. PPR for night OPS.
2. AD charges: $5/landing for night OPS.

PASSENGER FACILITIES
WC/PT/Terminal shelter

APRONS AND TAXIWAYS
Sealed TWY, RFDS APN and GA APN.

AERODROME OBSTACLES
Assume transition OLS infringements exist.

PHYSICAL CHARACTERISTICS
17/35 39a Unrated. Sealed. RWY LEN 1,200M. Slope 0.2% down to S. WID 23 RWS 80

AERODROME AND APPROACH LIGHTING
RWY 17/35 LIRL AFRU+PAL 126.7 SDBY PWR AVBL

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 124.1 3000FT

CTAF - AFRU 126.7

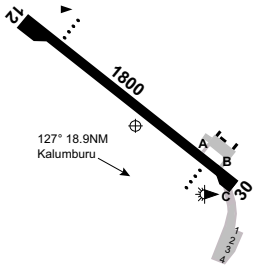
ADDITIONAL INFORMATION
Assume bird and animal hazards exist.

CHARTS RELATED TO THE AERODROME
WAC 3340.

MUNGALALU-TRUSCOTT

ELEV 180

AVFAX CODE 6914



WA		UTC +8	YTST
140523S	1262251E	VAR 2 DEG E	CERT

AD OPR Mungalalu North Kimberley Airport Pty Ltd, 1202 Hay Street, West Perth, WA, 6005. Email: truscott@mnkairport.com.au. ARO H24 08 9161 4004. Website: www.mnkairport.com.au.

REMARKS

PPR.

HANDLING SERVICES AND FACILITIES

AVGAS, JET A1. Limited supply, PPR CTC AD OPR.

PASSENGER FACILITIES

WC/AC by prior arrangement.

AERODROME OBSTACLES

Primary IWI 207FT AMSL, PSN 140537.09S 1262311.30E APRX BRG 124 DEG MAG 0.4NM FM ARP. Infringes TNS by 4FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS FREQ 135.6 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

12/30 127 59a PCR 140/F/A/Y/U WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 12/30	LIRL	PAL 119.6		SDBY PWR AVBL
RWY 12/30	PAPI(2)	PAL 119.6	3.0 DEG39FT	SDBY PWR AVBL
RWY 12/30	PTBL(1)			BY PRIOR ARRANGEMENT

(1) 1HR PN
(2) Left side.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	120.75 5000FT

LOCAL TRAFFIC REGULATIONS

1. On landing, roll through and use turning nodes at end of RWY. Do not turn on RWY.
2. South east apron maximum wingspan 20M for Bays 3 and 4.

CTAF - AFRU 128.0

ADDITIONAL INFORMATION

1. Model ACFT ACT WI 300M RAD of RWY 12/30 up to 400FT AGL. OPR will monitor CTAF and vacate RWY if ACFT APCH or DEP. PH AD OPR.
2. Bird and animal hazard exists.
3. RWS may be degraded due to erosion and soft soil DRG the period OCT to MAY.

CHARTS RELATED TO THE AERODROME

1. WAC 3108.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

MUNGERANNIE

ELEV 194

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YMUG
280033S 1383925E VAR 7 DEG E UNCR
AD OPR Mungerannie Hotel, PMB 16 Leigh Creek, 5731.
Email: hotelmungerannie@gmail.com. PH 08 8675 8317.
Website: www.mungeranniehotel.com.au.

REMARKS
PPR.

HANDLING SERVICES AND FACILITIES
Fuel and transportation by prior arrangement.

PASSENGER FACILITIES
WiFi at the hotel.

PHYSICAL CHARACTERISTICS
17/35 42c Unrated. RWY length 1,288M. WID 32

AERODROME AND APPROACH LIGHTING
RWY 17/35 LIRL(1) PAL 126.7
(1) EMERG only. PPR.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 119.5

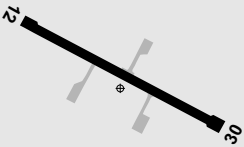
CTAF 127.8

CHARTS RELATED TO THE AERODROME
WAC 3342, 3355.

MUNGINDI

ELEV 600

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YMGI
285802S 1490313E VAR 10 DEG E UNCR
AD OPR Moree Plains Shire Council, PO Box 420, Moree, NSW, 2400.
PH 02 6757 3222: Police 02 6753 2044: Ambulance 131 233.
ARO 0427 688 133.

AERODROME OBSTACLES
Mast 870FT 223DEG MAG/2,500 FM RWY intersection.

PHYSICAL CHARACTERISTICS
12/30 46c Unrated. Gravel. RWY LEN 1,401M. WID 30 RWS 90
Central 14M sealed.

AERODROME AND APPROACH LIGHTING
LIRL. PAL 119.65.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 118.95 10,000FT, VHF coverage in circuit area on 127.1.

CTAF 126.7

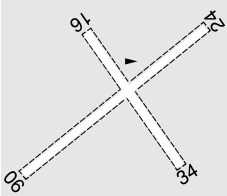
ADDITIONAL INFORMATION
Animal and bird hazard exists.

CHARTS RELATED TO THE AERODROME
WAC 3356, 3357.

MUNGO LODGE

ELEV 270

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YLMU
334442S 1430006E VAR 10 DEG E UNCR
AD OPR Mungo Lodge, PO Box 250, Buronga, NSW, 2739.

REMARKS
PPR before landing.

PASSENGER FACILITIES
PT/WC

PHYSICAL CHARACTERISTICS

06/24	32c	Unrated. Gravel. RWY LEN 974M.	WID 11
16/34	23c	Unrated. Gravel. RWY LEN 700M.	WID 11

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.1

CTAF 126.7

ADDITIONAL INFORMATION
1. Located near Mungo National Park, beware kangaroos, emus and other animals on strip.
2. Latest information CTC 03 5029 7297.

CHARTS RELATED TO THE AERODROME
WAC 3458.

MURGON

ELEV 1025

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YMRG
261510S 1515548E VAR 10 DEG E UNCR
AD OPR Burnett Flyers Inc RAA, Angelfield, Aerodrome Road, Murgon, QLD, 4605.
Email: burnettflyers@yahoo.com.au. PH 07 4168 6248 (fly in only). Mobile 0490 069 550.
Website: www.burnettflyers.org.

REMARKS
PPR - PVT AD.

HANDLING SERVICES AND FACILITIES
Closest AVGAS H24 Cardswipe bowser at Kingaroy AD (YKRY).

PASSENGER FACILITIES
WC/TX/AC

AERODROME OBSTACLES
Powerlines at both ends of RWY are below AD level.

PHYSICAL CHARACTERISTICS
RWY 12/30 Unrated grass black clay.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	124.6 4000FT

CTAF 126.7

ADDITIONAL INFORMATION
1. Stock and wildlife hazard exists.
2. Black clay holds water in pools in wet conditions and roads across RWY are both filled to SFC level.
3. Watch for minimal vehicle cross traffic.
4. Weather station and webcam AVBL on website.

CHARTS RELATED TO THE AERODROME
WAC 3340.

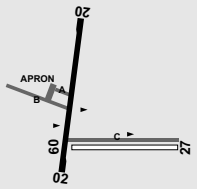
Information may be continued on the next page: PTO

MURRAY BRIDGE

ELEV 157

AVFAX CODE 5019

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YMBD

350352S 1391336E VAR 8 DEG E UNCR

AD OPR Altitude Aviation Pty Ltd, 333 Main South Rd, Morphet Vale, SA, 5162. Email: admin@murraybridgeairport.com.au. PH 0456 766 729: 0407 616 639.

REMARKS

1. Private AD. PPR Contact ARO 0900-1700 Local for permission.
2. Operations should be in accordance with the Airport User Manual and information on the aerodrome website.
3. AD charges: apply for non-resident ACFT. Refer to AD website for details.

HANDLING SERVICES AND FACILITIES

AVGAS H24 self-serve swipe bowser on main apron. Compac Pay APP only.

PASSENGER FACILITIES

WC.

APRONS AND TAXIWAYS

1. Main APN: bitumen. Restricted to 5,700KG MTOW.
2. TWY A and TWY B: 9M wide. Sealed. Bitumen. Restricted to 5,700KG MTOW.
3. TWY C: grass.
4. Maximum tyre pressure for APN and sealed TWY: 850kPa/ 120PSI.

METEOROLOGICAL INFORMATION PROVIDED

TAF CAT D. METAR/SPECI.

PHYSICAL CHARACTERISTICS

02/20	39a	5700 kg/0.85 MPa Sealed. RWY 20 THR 90M FM start of sealed strip. RWY 02 THR 60M FM start of sealed strip. RWY LEN 1,200M. Slope 0.4% down to N.	WID 18
09/27	26c	Unrated. Grass. RWY LEN 790M. Slope 2% down to E.	WID 30

AERODROME AND APPROACH LIGHTING

RWY 02/20 LIRL(1) BY PRIOR ARRANGEMENT

(1) ACT by PAL. PPR FM AD OPR. 6 HR PN.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA ADELAIDE CENTRE 130.45 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. Carriage and use of radio is required by AD OPR.
2. ACFT taking off RWY 27 are not visible from THR RWY 02/20.
3. Expect LDG motor-gliders to exit RWY 02/20 via TWY B due to wingspan.

CTAF 127.5

ADDITIONAL INFORMATION

1. Beware of circuit traffic at Rollo's (YRLO) located 2.5NM to NW.
2. CTAF shared with Rollo's (YRLO) and Callington (YCTO).
3. D285 for aerobatic activity, SFC-4000FT, activated by NOTAM.
4. Aerobatic area within 1,000M E and adjacent to RWY 02/20, may occur with prior approval FM the ARO. During aerobatics in this area E from RWY 02/20, the pilot will broadcast intentions on the CTAF, crosswind joins are not recommended and RWY 09/27 will not be available.
5. Pilots are requested to avoid overflying Monarto Zoo (4NM WSW of ARP) below 2,000FT AMSL and avoid overflying the farm building complex (0.8NM ESE of ARP) below 1,200FT AMSL.
6. Intense flying training activity at and in the vicinity of the aerodrome.
7. Glider operations at aerodrome.

CHARTS RELATED TO THE AERODROME

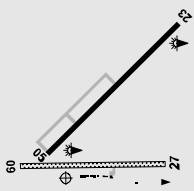
WAC 3458.

MURRAY FIELD

ELEV 56

AVFAX CODE 6010

FULL NOTAM SERVICE NOT AVBL



WA		UTC +8	YMUL
323037S	1155000E	VAR 2 DEG W	UNCR

AD OPR Royal Aero Club of WA, 41 Eagle Drive, Jandakot Airport, WA, 6164. Email: info@royalaeroclubwa.com.au. PH 08 9417 0000. ARO 08 9581 6222. Fax 08 9417 0040.

REMARKS

1. Restricted OPS. PPR from AD OPR.
2. LDG fees applicable.

HANDLING SERVICES AND FACILITIES

AVGAS AVBL for RACWA OPS. Non RACWA OPS AVBL by appointment 24HR PN. Not AVBL MON.

AERODROME OBSTACLES

Numerous high voltage powerlines surround the aerodrome to the N and E.

PHYSICAL CHARACTERISTICS

05/23	38a	5700 kg/0.70 MPa Sealed. RWY LEN 1,159M. Slope 0.25% down to SW.	WID 18	RWS 90
09/27	30c	5700 kg Unrated. Gravel. RWY LEN 903M. Slope 0.22% down to W.	WID 15	RWS 60

AERODROME AND APPROACH LIGHTING

RWY 05/23 LIRL AFRU+PAL 119.1

ATS AND AERODROME COMMUNICATION FACILITIES

FIA PERTH CENTRE 135.25 Circuit Area

FLIGHT PROCEDURES

Right hand circuits RWY 05 and RWY 09.

CTAF - AFRU 119.1

NOISE ABATEMENT PROCEDURES

1. Circuit training permitted only BTN 0700-2200 Local.
2. RWY 27 - TKOF not available (Emergency only).
3. HEL OPS not permitted west of RWY 05/23. HEL CCTS not permitted RWY 09/27.
4. CCTS restricted to ACFT not exceeding 200 horsepower.

ADDITIONAL INFORMATION

1. Animal hazard exists.
2. CAUTION: Low level aerobatics are conducted within 1NM of AD.
3. PJE occur HJ on airfield up to FL150. Pilots advised to monitor CTAF and PH CEN for DZ status.

CHARTS RELATED TO THE AERODROME

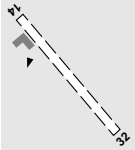
WAC 3462.

MURRAY/MER ISLAND

ELEV 330

AVFAX CODE 4536

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YMAE
95456S	1440319E	VAR 5 DEG E	UNCR

AD OPR Torres Strait Island Regional Council, PO Box 7336, Cairns, QLD, 4870. PH 07 4034 5700. ARO 0497 478 562 (H24).

REMARKS

RESTRICTED OPS: PPR from AD OPR.

PHYSICAL CHARACTERISTICS

14/32

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.3 5,500FT

FLIGHT PROCEDURES

For special procedures which apply to Torres Strait biosecurity requirements, see ERSA GEN - SPECIAL PROCEDURES.

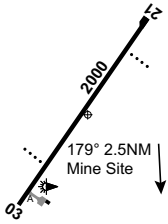
CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3097.

MURRIN MURRIN — ELEV 1535

AVFAX CODE 6107



WA UTC +8 YMMI
284219S 1215326E VAR 1 DEG E CERT

AD OPR Minara Resources Pty Ltd, Murrin Murrin Operations, PO Box Z5523, Perth, WA, 6831. Email: siteservices.supt.coord@glencore.com.au. PH 08 9088 5957 (BH). ARO 0408 941 791. Mobile 0408 657 461 (AH).

REMARKS

Restricted Operations. PPR from AD Manager/AROs.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL.

PASSENGER FACILITIES

LG/WC/PT

AERODROME OBSTACLES

1. Illuminated WDI 209M N of RWY 03 start of TORA 100M E of RWY CL infringes transitional SFC by 10FT.
2. Transient E190 ACFT tail 1,567FT AMSL BRG 209 DEG MAG 885M FM ARP. Infringes TNS by 11FT.

PHYSICAL CHARACTERISTICS

03/21 034 66a PCR 220/F/A/1.10 MPa/T Sealed. WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 03/21 LIRL SDBY PWR AVBL
RWY 03/21 PAPI(1) 3.0 DEG50FT SDBY PWR AVBL

(1) Left side.

1. RWY edge light spacing: 03/21: nominal 90M.
2. Lighting manually activated. 30MIN PN.

OTHER LIGHTING

1. Standby PWR derived from generator. Switchover time: 10 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 118.4 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. ACFT ABV 5,7000KG to use MAX RAD MNM speed turns at RWY ends only.
2. Due to ACFT turn limitations on apron, simultaneous bay occupation may not be AVBL. ARO will advise parking instruction via company frequency on inbound contact.

CTAF - AFRU 126.8

AFRU signal not AVBL on ground Laverton, Murrin Murrin or Sunrise Dam. AFRU located at Leonora.

ADDITIONAL INFORMATION

Mine site 2.5NM, BRG 179DEG M.

CHARTS RELATED TO THE AERODROME

1. WAC 3352.
2. Also refer to AIP Departure and Approach Procedures.

MURWILLUMBAH

ELEV 18

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YMUR

281952S 1532449E VAR 12 DEG E UNCR

AD OPR Tweed Shire Council, PO Box 816, Murwillumbah, NSW, 2484.
PH 02 6670 2400. Website: www.tweed.nsw.gov.au.

REMARKS

1. AD Charges: All ACFT.
2. Pilot notes refer to Tweed Shire Council website.
3. Publicly accessible webcams AVBL.

HANDLING SERVICES AND FACILITIES

AVGAS AVBL (AH by appointment). PH 02 6672 4545.

PHYSICAL CHARACTERISTICS

01/19	34c	Unrated. Central 15M of first 500M S of RWY 19 DTHR grass/hard shale. Remainder grass. RWY LEN 1,045M.	WID 40	RWS 70

RWY 19 DTHR 245M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	119.5

LOCAL TRAFFIC REGULATIONS

1. TWY on NE side of RWY is not AVBL due to drains and trees.
2. In dry conditions, TWY on W and SE sides are AVBL.
3. When RWY wet, taxi on crown with care.
4. Due to industrial buildings at northern end of RWY, ACFT on approach for RWY 19 may not be visible. Please complete all checks in run-up bay provided.

FLIGHT PROCEDURES

1. Left hand circuits.
2. When departing RWY 19, at 600FT turn due to terrain.

CTAF 127.55

NOISE ABATEMENT PROCEDURES

1. No circuits below 1,000 FT.
2. RWY 01 - make wide left circuit to reduce noise to Murwillumbah Hospital.

ADDITIONAL INFORMATION

1. PJE HJ 1.5NM NW of the airfield.
2. Bird hazard exists.
3. RWY subject to flooding during high rain/Tweed River flooding events.
4. All areas may be unusable due SWS after rain. Airfield not inspected.
5. Cleared areas outside gable markers mown, taxi at pilot risk.

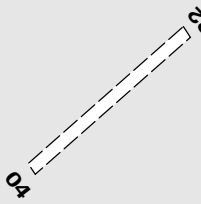
CHARTS RELATED TO THE AERODROME

WAC 3357.

Information may be continued on the next page: PTO

MUTTABURRA

ELEV 753
FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YMTB
223500S 1443200E VAR 7 DEG E UNCR
AD OPR Barcaldine Regional Council, PO Box 65, Aramac, QLD, 4726.
PH 07 4658 7191. ARO 0427 587 191.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.1 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION

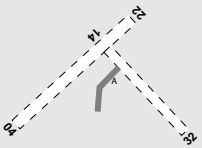
CAUTION: Animal hazard exists

CHARTS RELATED TO THE AERODROME

WAC 3234.

MYRUP

ELEV 30
FULL NOTAM SERVICE NOT AVBL



WA UTC +8 YMYU
334722S 1215725E VAR 0 DEG E UNCR
AD OPR Myrup Fly-in Estate, PO Box 2227, Esperance, WA, 6450.
Email: noel.limestones@gmail.com. PH 0427 783 063:
Caretaker 0427 715 846 or 08 9071 5846.

REMARKS

1. Landing charge $10.00 all aircraft. Honesty box on N side of Club House.
2. AD not AVBL HN.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL. Nearest fuel - YESP.

PASSENGER FACILITIES

WC/ME (RAAus) Mobile phone coverage on ground.

METEOROLOGICAL INFORMATION PROVIDED

YEST (Esperance Town) METAR AVBL.

PHYSICAL CHARACTERISTICS

04/22	43c	Unrated. Red gravel. RWY LEN 1,300M. RWY 22 DTHR 200M.	WID 18
14/32	30c	Unrated. Red gravel. RWY LEN 900M.	WID 18

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 133.2

CTAF 126.7

ADDITIONAL INFORMATION

1. Animal hazard exists especially near dawn and dusk.
2. Caution: ultralight flight training OPS.
3. 120DEG 10 NM FM YESP (CTAF[R]).
4. Access to the terminal building, toilets and ACFT parking via TWY A.

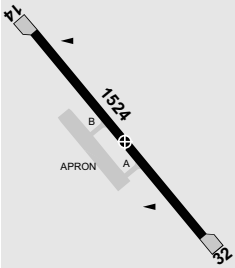
CHARTS RELATED TO THE AERODROME

WAC 3461.

NACKEROO

ELEV 439

FULL NOTAM SERVICE NOT AVBL



NT UTC +9:30 YNKR
153436S 1302830E VAR 2 DEG E UNCR
AD OPR Range Control Bradshaw Field Training Area, Bradshaw Field, Victoria Highway, Timber Creek, NT, 0852. PH Range Control Primary 0427 185 058. Range Control Bradshaw 08 8975 1013.

REMARKS

1. MIL AD. PPR.
2. CTC Range Control Bradshaw prior to DEP to CFM FREQ RQMNTS.
3. Caution: This aerodrome is not subject to routine serviceability inspection or NOTAM advice of unserviceabilities. Additional aerodrome data is available from the AD OPR.
4. No ground support services nor permanent lighting AVBL.

SURFACE MOVEMENT GUIDANCE

1. 8 x bi-directional visual landing zone marker panels with frangible couplings form Airfield Marking Pattern (AMP) 3.
2. RWY marked with outline, nil centreline marking.

AERODROME OBSTACLES

A ridgeline exists in the APCH zone of RWY 14 and is over 6KM FM THR RWY 14.

PHYSICAL CHARACTERISTICS

LTD C17 MOV permitted: Refer Additional Information.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.6

LOCAL TRAFFIC REGULATIONS

1. APN PRKG AVBL W of middle of RWY 14/32.
2. CONC APN suitable for C17A PRKG. 2 x positions marked. Use SE TWY only.
3. ASPH APN with high temperature CONC strips 18M x 143M. Each has 4 x MV22 Osprey PRKG positions. Ospreys can park on any CONC SFC.
4. Osprey APN and TWY suitable for C130J or smaller ACFT.

CTAF 126.7

ADDITIONAL INFORMATION

1. AD located WI R270.
2. MIL users consult *Aircraft Pavement Strength Evaluation Manual* (adf.ces@defence.gov.au) and *Airfield Survey Database* (airfield.surveyagency@defence.gov.au) for latest data.

CHARTS RELATED TO THE AERODROME

WAC 3109.

NAGAMBIE-WIRRATE

ELEV 475

FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YNGW
364702S 1450213E VAR 11 DEG E UNCR
AD OPR BAE Systems Australia Ltd, Level 2, 80 Flinders St, Adelaide, SA, 5000. Email: au.yngw-aerodrome-mgr@baesystems.com.

REMARKS

Private PPR.

AERODROME OBSTACLES

1. Undulating ground north east of the RWY.
2. Large trees 200M short of RWY 35 THR.

Information may be continued on the next page: PTO

PHYSICAL CHARACTERISTICS

17/35	23a/c	Unrated. Sealed and loose gravel. RWY LEN 700M. Turn pad THR RWY 35. RWY 35 DTHR 105M.	WID 5	RWS 40

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.4 Circuit Area

CTAF 121.1
SFC-3000FT

ADDITIONAL INFORMATION

1. Bird, sheep and kangaroo hazard may exist.
2. Airfield located 3NM N of R351A Puckapunyal Military zone.

CHARTS RELATED TO THE AERODROME
WAC 3469, 3470.

NANANGO

ELEV 1190
FULL NOTAM SERVICE NOT AVBL

QLD		UTC +10	YNAN
264130S	1515912E	VAR 11 DEG E	UNCR

AD OPR South Burnett Regional Council, PO Box 336, Kingaroy, QLD, 4610.
Email: info@southburnett.qld.gov.au. PH H24 07 4189 9100.
Website: www.southburnett.qld.gov.au.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	121.2

LOCAL TRAFFIC REGULATIONS
MTOW 5,700KG when dry. AD closed when wet.

CTAF 126.7

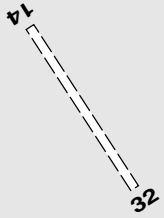
ADDITIONAL INFORMATION

1. Pilots to be familiar with revised aerodrome information such as RWY length and approach/take-off gradients advised on South Burnett Regional Council website and Facebook page, prior to operating into AD.
2. Bird hazard may exist, pilots to request hazard information by contacting Council prior to operating into AD.

CHARTS RELATED TO THE AERODROME
WAC 3340.

NAPPA MERRIE

ELEV 180
FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YNAP
273330S	1410800E	VAR 7 DEG E	UNCR

AD OPR Nappa Merrie Station, PMB 6, Leigh Creek, SA, 5731.
PH 07 4655 4315. Fax 07 4655 4318.

PASSENGER FACILITIES
Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	118.8 Circuit Area

CTAF 126.7

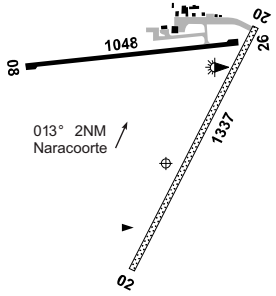
ADDITIONAL INFORMATION
Animal hazard exists.

CHARTS RELATED TO THE AERODROME
WAC 3342.

NARACOORTE

ELEV 169

AVFAX CODE 5005



SA UTC +9:30 YNRC
365907S 1404330E VAR 10 DEG E CERT
AD OPR Naracoorte Lucindale Council, PO Box 555, Naracoorte, SA, 5271. Council PH 08 8760 1100.

REMARKS

Landing Charges: NIL.

HANDLING SERVICES AND FACILITIES

Stark Aviation Pty Ltd: AVGAS AVBL H24. Compac Pay APP required for all credit cards transactions (instructions on bowser), Flying Fuels local card accepted. PH 0412 602 447.
Southern JET A1 Pty Ltd: AVBL H24 via prior arrangement. Phone 0438 864 207.

PASSENGER FACILITIES

LG/WC/TX/AC/ME

SURFACE MOVEMENT GUIDANCE

RWY 08/26 - Lateral spacing of lights 30M.

AERODROME OBSTACLES

1. Two radio masts 581FT AMSL 307DEG MAG, 3.72NM FM ARP.
2. Lit mast 542FT AMSL, 067DEG MAG, 2.23NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 08 8150 3810 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

02/20	018	44c	5700 kg/0.52 MPa Gravel	WID 23	RWS 90
08/26	074	34a	5700 kg/0.52 MPa Sealed	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 08/26 LIRL AFRU+PAL 126.7
RWY 08/26 edge light spacing: 60M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.8 Circuit Area

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3469.
2. Also refer to AIP Departure and Approach Procedures.

NAREMBEEN

ELEV 1000

FULL NOTAM SERVICE NOT AVBL

WA UTC +8 YNRB
320700S 1182500E VAR 1 DEG W UNCR
AD OPR Narembeen Shire Council, 1 Longhurst Street, Narembeen, WA, 6369.
Email: ceo@narembeen.com. PH 08 9064 7308. Fax 9064 7037.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.4 Circuit Area

CTAF 126.7

CHARTS RELATED TO THE AERODROME

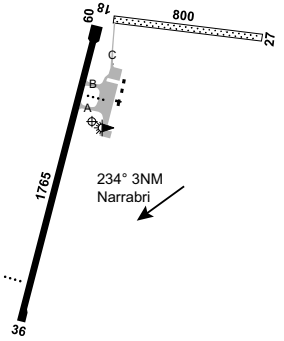
WAC 3462.

Information may be continued on the next page: PTO

NARRABRI

ELEV 782

AVFAX CODE 2035



NSW UTC +10 YNBR
301909S 1494938E VAR 11 DEG E CERT
AD OPR Narrabri Shire Council, PO Box 261, Narrabri, NSW, 2390. PH 02 6799 6759 (BH). ARO 0427 101 140 (H24). Fax 6799 6888. Website: www.narrabri.nsw.gov.au.

REMARKS

AD Charges: refer to website.

HANDLING SERVICES AND FACILITIES

Aero Refuellers: JET A1 (overwing and pressure) and AVGAS H24 CTC ARO 1HR PN. Aero Refuellers carnet, MC and V.

PASSENGER FACILITIES

TX/LG/WC/HC/RF

APRONS AND TAXIWAYS

1. ACFT ABV 5,700KG MTOW limited to TWY A and B.
2. TWY C north of RPT APN limited to 5,700KG AUW and 23M MAX wingspan. MAX overall graded WID 15.4M.
3. Bay 3 on main APN limited to RPT and approved charter ACFT.
4. Aeromedical ACFT to use Bay 4 on main APN.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 02 9353 6441 - Report faults to BoM.
3. AWIS FREQ 122.525 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

09/27	085	26c	Unrated. Grassed red sand clay	WID 30	RWS 90
18/36	182	58a	PCR 290/F/B/0.94 MPa/T Sealed.	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 18/36	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL
RWY 18/36	PAPI	AFRU+PAL 126.7	3.0 DEG30FT	SDBY PWR AVBL

RWY edge light spacing: 18/36: 60M.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge on A and B.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 127.1 On Ground

RADIO NAVIGATION AND LANDING AIDS

NDB NBR 413 301914.7S 1494952.1E Range 50 (HN 50)

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

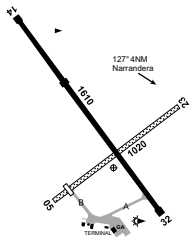
Bird and animal hazard exists.

CHARTS RELATED TO THE AERODROME

1. WAC 3356, 3357.
2. Also refer to AIP Departure and Approach Procedures.

NARRANDERA ELEV 474

AVFAX CODE 2204



NSW UTC +10 YNAR
344208S 1463044E VAR 11 DEG E CERT
AD OPR Narrandera Shire Council, 141 East Street, Narrandera, NSW, 2700.
PH 02 6959 5560. ARO 0428 690 518 (H24). Fax 6959 1884.

REMARKS

1. AD Charges: Landing fees apply all ACFT. For details contact Narrandera Shire Council.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

Aero Refuellers - 24HR AVGAS bowser accepts Aero Refuellers Card, V and MC.
Phone 0413 003 808.
JET A1 not AVBL.

PASSENGER FACILITIES

PT/TX/LG/WC

AERODROME OBSTACLES

1. TKOF RWY 14:
   a. Lit anemometer 503FT AMSL PSN 344218.2S 1463050.9E. Infringes TNS by 8FT.
   b. Fence 472FT AMSL PSN 344222.5S 1463105.4E. Infringes TKOF SFC by 2FT. Unlit.
2. TKOF RWY 23, trees in groups:
   a. 557FT AMSL PSN 344229.1S 1463013.9E. Infringes TNS by 1FT.
   b. 542FT AMSL PSN 344226.6S 1463015.1E. Infringes TKOF SFC by 15FT.
   c. 536FT AMSL PSN 344226.8S 1463013.5E. Infringes TKOF SFC by 4FT.
   d. 496FT AMSL PSN 344218.6S 1463021.2E. Infringes TKOF SFC by 5FT.
   e. 532FT AMSL PSN 344224.3S 1463016.5E. Infringes TKOF SFC by 14FT.
3. TKOF RWY 14, trees in groups:
   a. 548FT AMSL PSN 344243.7S 1463117.6E. Infringes TKOF SFC by 31FT.
   b. 547FT AMSL PSN 344247.2S 1463115.8E. Infringes TKOF SFC by 26FT.
   c. 549FT AMSL PSN 344245.3S 1463122.2E. Infringes TKOF SFC by 24FT.
   d. 545FT AMSL PSN 344240.7S 1463121.8E. Infringes TKOF SFC by 28FT.
   e. 536FT AMSL PSN 344238.5S 1463118.3E. Infringes TKOF SFC by 26FT.
   f. 527FT AMSL PSN 344235.9S 1463119.1E. Infringes TKOF SFC by 20FT.
   g. 491FT AMSL PSN 344226.9S 1463107.5E. Infringes TKOF SFC by 11FT.
   h. 506FT AMSL PSN 344227.2S 1463109.9E. Infringes TKOF SFC by 25FT.
   i. 540FT AMSL PSN 344241.7S 1463117.9E. Infringes TKOF SFC by 25FT.
   j. 512FT AMSL PSN 344235.7S 1463106.4E. Infringes TKOF SFC by 18FT.
   k. 509FT AMSL PSN 344233.6S 1463104.8E. Infringes TKOF SFC by 20FT.
   l. 505FT AMSL PSN 344233.4S 1463105.2E. Infringes TKOF SFC by 18FT.
   m. 529FT AMSL PSN 344238.8S 1463111.9E. Infringes TKOF SFC by 25FT.
   n. 524FT AMSL PSN 344237.0S 1463113.1E. Infringes TKOF SFC by 21FT.
   o. 519FT AMSL PSN 344238.3S 1463109.3E. Infringes TKOF SFC by 18FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS Phone 02 9353 6442 - Report faults to BoM.
3. AWIS FREQ 133.45 (requires three one-second pulses to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	042	33c	5700 kg/0.45 MPa Gravel.	WID 30	RWS 90
14/32	133	53a	PCR 130/F/B/0.70 MPa/U	WID 30	RWS 150

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING

RWY 14/32 LIRL(1) AFRU+PAL 132.85 SDBY PWR AVBL
(1) SDBY PWR AVBL supplied by AD generator in the event of mains PWR failure.
RWY edge light spacing: 14/32: 59M.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge TWY A only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 134.65 Circuit Area

LOCAL TRAFFIC REGULATIONS

Turning nodes at both ends and 540M from THR RWY 14. WID 45.

CTAF - AFRU 132.85

ADDITIONAL INFORMATION

1. Bird hazard exists - increased concentrations early morning and late afternoons.
2. Model jet ACFT OPS to 1,000FT AGL 349 DEG MAG 12NM FM ARP (Leeton ALA) HJ.

CHARTS RELATED TO THE AERODROME

1. WAC 3457.
2. Also refer to AIP Departure and Approach Procedures.

NARROGIN

ELEV 1080
FULL NOTAM SERVICE NOT AVBL



WA UTC +8 YNRG
325548S 1170448E VAR 2 DEG W UNCR
AD OPR Narrogin Shire Council, 43 Federal Street, Narrogin, WA, 6312.
PH 08 9881 1866. Fax 9881 3031.

PHYSICAL CHARACTERISTICS

10/28 41a Unrated. Sealed. RWY LEN 1,250M. Central 20M sealed. WID 30
18/36 39a Unrated. Sealed. RWY LEN 1,200M. Central 20M sealed. WID 30

AERODROME AND APPROACH LIGHTING

RWY 10/28 LIRL(1) PAL 119.6
(1) Not inspected.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.4 Circuit Area

CTAF 134.0

ADDITIONAL INFORMATION

1. Animal hazard exists.
2. Gliding OPS HJ aerotow and winch launched. Radio equipped ACFT to monitor CTAF.
3. Aerotow or winch launching operations JF up to 3,500FT AMSL. Winch will be referred to as “Narrogin Winch”.

CHARTS RELATED TO THE AERODROME

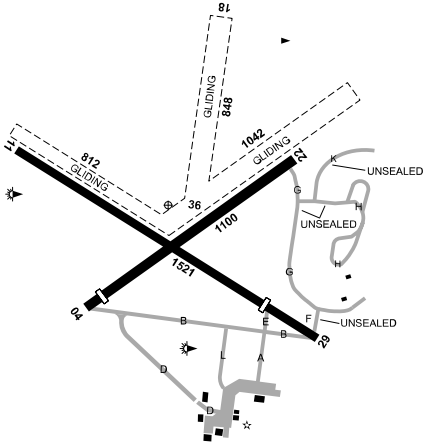
WAC 3462.

NARROMINE

ELEV 782

AVFAX CODE 2221

NSW UTC +10 YNRM
321252S 1481329E VAR 11 DEG E CERT
AD OPR Narromine Shire Council, PO Box 115, Narromine, NSW, 2821. PH 02 6889 9999: AH 0458 888 674. ARO 0408 852 931 (H24). Fax 6889 9998.



HANDLING SERVICES AND FACILITIES

Inland Petroleum: AVGAS H24 self-service. Inland Petroleum account cards, V and MC accepted. Phone 0428 607 372, 0417 260 031.

PASSENGER FACILITIES

PT/TX (131 008)/AC (02 6889 2129)/RF/WC/ME (02 6889 2366) ME Avionics (02 6889 2733)

APRONS AND TAXIWAYS

1. TWY B 5,700KG MAUW.
2. TWY E 2,000KG MAUW.
3. TWY F, G, H and J gravel.
4. TWY C bitumen.

AERODROME OBSTACLES

1. LIOL - 945FT AMSL, 1,900M, 154 M FM RWY intersection.
2. NBN TWR (unlit) 134FT AGL PSN 321353.70S 1481333.19E.

PHYSICAL CHARACTERISTICS

04/22	043	36a	PCR 100/F/B/0.60 MPa/U	WID 30	RWS 90
11/29	110	50a	PCR 100/F/B/0.60 MPa/U	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 11/29 LIRL PAL+AA 122.4
RWY 11/29 edge light spacing: 60M.

OTHER LIGHTING

ABN FLG 10 W
TWY LGT: Blue edge on TWY A and B from APN to end RWY 11.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 123.9 Circuit Area

LOCAL TRAFFIC REGULATIONS

Access to TWY D FM APN not AVBL.

FLIGHT PROCEDURES

Gliding OPS HJ. Gliders operate common circuit direction from separate strips alongside RWS. Glider strips marked by orange gable markers. Also AVBL for tail-skid-equipped ACFT. Simultaneous OPS NOT permitted.

Information may be continued on the next page: PTO

CTAF 126.7

ADDITIONAL INFORMATION

Bird hazard (cockatoos, crows and hawks) exists in VCY of AD. Increased numbers expected between SEP and MAR.

CHARTS RELATED TO THE AERODROME

1. WAC 3456, 3457.
2. Also refer to AIP Departure and Approach Procedures.

NELLY BAY

ELEV 10

FULL NOTAM SERVICE NOT AVBL

QLD		UTC +10	YNEY
190943S	1465113E	VAR 7 DEG E	UNCR

AD OPR The Department of Transport and Main Roads, PO Box 1089, Townsville, QLD, 4810. PH 07 4421 8785.

REMARKS

PPR. MIL and EMERG services only. PVT ACFT not permitted.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	120.55 AH

CTAF 118.3

Except when Townsville CTR and restricted areas are active.

CHARTS RELATED TO THE AERODROME

WAC 3219.

NEPEAN AEROSPACE PARK

ELEV 120

FULL NOTAM SERVICE NOT AVBL

NSW		UTC +10	YNEP
334340S	1504057E	VAR 13 DEG E	UNCR

AD OPR Heliport Developers Pty Ltd, 89-151 Old Castlereagh Road, Castlereagh, NSW, 2749. Email: info@sydneyhelicopters.com.au. PH 02 9637 4455 H24.

REMARKS

PPR. Private OPS and EMERG services only.

HANDLING SERVICES AND FACILITIES

JET A1 AVBL for EMERG services only with prior approval required.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	SYDNEY CENTRE	124.55

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3456.

NEWCASTLE REGIONAL HELIPORT

ELEV 24

FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YNRH
325246S 1514343E VAR 13 DEG E UNCR

AD OPR Aero Logistics Pty Ltd, 10 Laurio Place, Mayfield West, NSW, 2304. PH 02 4960 9322. Fax 02 4960 9805.

REMARKS

1. AD CHARGES: $100/landing.
2. **PPR for all OPS** - Phone: 02 4960 9322.

HANDLING SERVICES AND FACILITIES

Aero Logistics Pty Ltd: 2200-0800 UTC DLY. Phone 02 4960 9322. JET A1/AVGAS. MC, V, Aerologistics Carnet and authorised account holders accepted.

PHYSICAL CHARACTERISTICS

Concrete Pads area and Grass Parking areas.

AERODROME AND APPROACH LIGHTING

Night landing FATO Lights.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.7

FLIGHT PROCEDURES

1. Approach and departures from E or W remaining over water along the river at all times.
2. DO NOT approach/depart over industrial estate.
3. In low visibility conditions, special attention must be paid to obstacles (high tension powerlines at Sandgate Highway cross river on flight path - height 140FT APRX) near the western flight path profile.

CTAF 132.1

CHARTS RELATED TO THE AERODROME

WAC 3456.

NEWCASTLE WESTPAC BASE

ELEV 28

AVFAX CODE 2086

FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YXFV
325513S 1514347E VAR 13 DEG E UNCR

AD OPR Northern NSW Helicopter Rescue Service Limited, PO Box 230, New Lambton, NSW, 2305. Email: robert.jenkins@rescuehelicopter.com.au. PH 02 4952 0064.
PH AH OPS MGR 02 4952 0064 or 0458 566 878. Website: www.rescuehelicopter.com.au.

REMARKS

1. PPR.
2. Private use.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.7

CTAF 132.1

CHARTS RELATED TO THE AERODROME

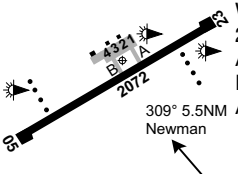
1. WAC 3456.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

NEWMAN

ELEV 1724

AVFAX CODE 6832



WA		UTC +8	YNWN
232504S	1194810E	VAR 1 DEG E	CERT

AD OPR Shire of East Pilbara, PMB 22, Newman, WA, 6753.
Email: newmanops@eastpilbara.wa.gov.au. PH Duty ARO 0409 483 651.
AD MGR 08 9177 8964: 0428 193 096.

REMARKS

1. AD Charges apply - contact AD OPR.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

AIR BP: AVGAS, JET A1. 2300-1100 and JO service fee applies AH. Phone 0438 920 048. H24 Cardswipe bowser for AVGAS and JET A1.

General

AD OPR does not provide ACFT marshalling. All requests should be directed to a FBO or RPT Airline.

PASSENGER FACILITIES

PT/TX/HC/AC/WC.

RESCUE AND FIREFIGHTING SERVICES

CAT 6 OPR HR:

a. MON - THU 2230-1130 UTC.
b. FRI 2230-1000 UTC.
c. SAT 0015-0315 UTC.
d. SUN 0215-1000 UTC.

SURFACE MOVEMENT GUIDANCE

Drains located airside are not marked.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS Phone 08 6216 2628 - Report faults to BoM.
3. AWIS FREQ 135.05 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	055	68a	PCR 420/F/B/1.50 MPa/U	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 05/23	LIRL	AFRU+PAL 122.0		SDBY PWR AVBL
RWY 05/23	PAPI(1)	AFRU+PAL 122.0	3.0 DEG55FT	SDBY PWR AVBL

(1) Single sided.

1. IWI will activate on PAL and flash in last ten minutes of 60MIN cycle HN.
2. SDBY PWR activation time 15 SEC.
3. RWY 05/23 edge light spacing: 60M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	123.4 On Ground

RADIO NAVIGATION AND LANDING AIDS

DME	NWN	117.2/119X	232515.9S	1194811.4E		(1)
NDB	NWN	233	232504.9S	1194750.7E	Range 85 (HN 85)	
VOR	NWN	117.2	232515.9S	1194810.9E		

(1) Antenna ELEV 1744FT.

LOCAL TRAFFIC REGULATIONS

1. Departing ACFT ABV 5,700KG MTOW are required to taxi on RCL to the THR of the RWY in use and turn at the turning nodes.
2. All turns on the RWY and turning nodes are to be at MNM speed and MAX radius.
3. Arriving ACFT ABV 5,700KG MTOW are to extend the landing roll to the end of the RWY in use and use turning nodes for turning.
4. Due to possible RPT APN and terminal congestion during peak periods, all operators of Code 2, 3 and 4 ACFT are to CTC the GND OPR for a slot allocation prior to planning such operations into Newman. This includes planned fuel stops and where Newman is selected as a weather alternate and a diversion is likely.
5. Parking on Bays 1, 2 and 3 is restricted to scheduled Air Transport Operations (ATO) ACFT or ACFT approved by the AD OPR. Extended PRKG may be AVBL upon request and fees may apply. PRKG Bay 4 is AVBL for non-scheduled ATO and GA ACFT on request.
6. Bay 4 is only to be accessed via TWY B (southern TWY) due to CLR limitations behind ACFT parked on Bays 2 and 3. Bays 1, 2 and 3 are to be accessed via TWY A (northern TWY). Marshalling services are provided for scheduled traffic onto the RPT APN bays. Marshalling and other APN services can be provided to ACFT using Bay 4 upon request.
7. For security reasons aircrew and PAX from the GA APN are not to proceed beyond Bay 4 onto the RPT APN. GA access is via gate P1 to the S of Air BP.
8. Light and GA ACFT are to park on the GA APN (southern section). The GA APN is partially line marked with lead in/lead out line markings for the three northern PRKG bays. The remaining PRKG bays adjacent hangars are not line marked and PRKG is at pilot's discretion. Tie-down lines not AVBL.
9. When refuelling at the BP JET A1 bowser, pilots are to keep ACFT clear of the exit/entry gates to the fuel compound used by the BP mobile tanker stationed to the right of the bowser.
10. HEL PRKG area located E side of GA APN marked by 2 parallel blue lines and 4 marked parking bays.

FLIGHT PROCEDURES

1. Uncontrolled airspace class G.
2. HEL are to air taxi to TWY B for DEP on the RWY in use.
3. Ground to ground communication from RWY end to RWY end unreliable.

CTAF - AFRU 122.0

ADDITIONAL INFORMATION

1. An ASIC is required for unescorted authorised airside movement and is to be worn and clearly displayed above the waist. Passengers are to be under escort by an ASIC holder at all times. Other non ASIC holders are to be issued with a VIC by the AD OPR for authorised airside movement under escort by an ASIC holder.
2. Security screening of all air services is mandatory when operating off the RPT APN within the screening period of 1HR before ARR until 30MIN after DEP of screened services. For enquiries concerning security screening RQMNTS CTC the AD OPR.
3. Security Access Gate codes - 5 x pedestrian gates (P1 - P5) are all coded. Access codes are changed regularly in compliance with the Airport Transport Security Plan.
4. Mine blasting sites located 4.8NM N (232016.74S 1194737.98E) and 8NM NW (232132.70S 1194042.84E of AD. Regular blasting at 1100 and 1500 Local DLY. CTC AD OPR for additional blasting times.

CHARTS RELATED TO THE AERODROME

1. WAC 3229.
2. Also refer to AIP Departure and Approach Procedures.

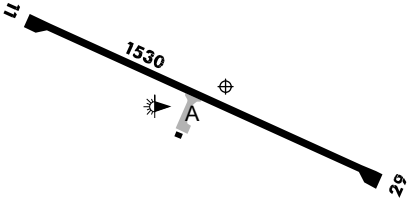
Information may be continued on the next page: PTO

NGUKURR

ELEV 45

AVFAX CODE 8018

NT UTC +9:30 YNGU
144322S 1344451E VAR 3 DEG E CERT
AD OPR Roper Gulf Regional Council, CMB 6, Ngukurr Via Katherine, NT, 0852. PH 08 8975 4656. ARO 0427 636 164 (on call). Council PH 0427 978 013 (Services MGR).



REMARKS

Landing fees apply - contact to AD OPR.

PASSENGER FACILITIES

Shelter at AD with mobile phone coverage. AD is 3KM from Ngukurr for WC.

METEOROLOGICAL INFORMATION PROVIDED

TAF CAT D, METAR/SPECI.

PHYSICAL CHARACTERISTICS

11/29 111 50c Unrated. Sealed WID 18 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 11/29 LIRL(1)
(1) Solar - EMERG ONLY

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.6 FL160

LOCAL TRAFFIC REGULATIONS

180DEG turns to be carried out at RWY ends only.

CTAF 126.7

ADDITIONAL INFORMATION

Animal hazards may exist - galahs and night birds are a common hazard.

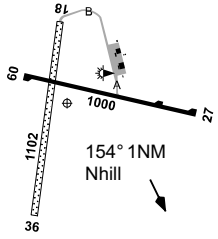
CHARTS RELATED TO THE AERODROME

1. WAC 3109.
2. Also refer to AIP Departure and Approach Procedures.

NHILL

ELEV 455

AVFAX CODE 3023



VIC UTC +10 YNHL
361840S 1413840E VAR 10 DEG E CERT
AD OPR Shire of Hindmarsh, PO Box 250, Nhill, VIC, 3418.
PH 03 5391 4444. ARO AH 0407 811 843: 0419 300 908.

HANDLING SERVICES AND FACILITIES

Nhill Aero Club: AVGAS DLY HJ 1HR PN, AH 8HR PN. Call-out fees apply, cash, cheque or EFTPOS. Phone 0429 918 364 or 03 5391 1218 or 0427 315 845.

AERODROME OBSTACLES
TWR:
a. Lit 598FT AMSL BRG 125 DEG MAG 3,716M FM ARP. Infringes HZS by 16FT.
b. 814FT AMSL BRG 104 DEG MAG 5,412M FM ARP. Infringes COS by 46FT.

METEOROLOGICAL INFORMATION PROVIDED
1. METAR/SPECI
2. AWIS PH 03 8470 3218 - Report faults to BoM.

PHYSICAL CHARACTERISTICS
09/27	093	33a	5700 kg/0.35 MPa	WID 18	RWS 90
18/36	177	36c	5700 kg/0.35 MPa Grassed red sand silt	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING
RWY 09/27 LIRL PAL 119.6
RWY 09/27 white edge lights spacing: 60M; lateral spacing: 30M.

OTHER LIGHTING
TWY A LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 125.8 Circuit Area

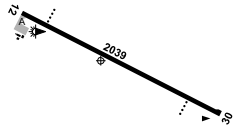
CTAF 126.7

ADDITIONAL INFORMATION
Bird hazard exists.

CHARTS RELATED TO THE AERODROME
1. WAC 3469.
2. Also refer to AIP Departure and Approach Procedures.

NIFTY **ELEV 968**

AVFAX CODE 6828



WA UTC +8 YCNF
214025S 1213541E VAR 1 DEG E CERT
AD OPR Nifty Copper Pty Ltd, Unit 1, 437 Roberts Rd, Subiaco, WA, 6008. Email: wderench@macmahon.com.au.
Email: nifty.airport@macmahon.com.au. PH 0484 639 688 (monitored 0530-1730 local only): ESO/Medic 0407 089 871 (EMERG only H24): Site 08 6459 3100.

REMARKS
Restricted OPS: PPR from AD OPR.

HANDLING SERVICES AND FACILITIES
Nil fuel AVBL.

AERODROME OBSTACLES
1. Unlit mast 1,192FT AMSL BRG 016 DEG MAG 833M FM ARP. Infringes inner HZS by 79FT.
2. E190 ACFT tail when positioned at Bay 1, infringes TNS by 2FT.

PHYSICAL CHARACTERISTICS
12/30	116	67a	PCR 170/F/A/Y/T Sealed. RWS Graded.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING
RWY 12/30 PAPI(2) AFRU+PAL 126.7 3.0 DEG48FT
RWY 12/30 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG only - 60MIN PN
(2) Left side. PAL 30MIN cycle.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 134.5 Circuit area
UNICOM NIFTY BASE 133.1

Information may be continued on the next page: PTO

LOCAL TRAFFIC REGULATIONS

1. All ACFT ABV 5,700KG MTOW to make MAX RAD MNM speed turns at RWY ends only to avoid SFC damage.
2. Bay 2 restricted to Code B ACFT and BLW when Bay 1 is occupied by Code C ACFT.
3. RWS not maintained for ACFT OPS.

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3230.
2. Also refer to AIP Departure and Approach Procedures.

NOOSA

ELEV 3

FULL NOTAM SERVICE NOT AVBL

QLD		UTC +10	YNSH
262524S	1530348E	VAR 11 DEG E	UNCR

AD OPR Noosa Airfield, 187 Lake Weyba Drive, Noosaville, QLD, 4566.
Email: admin@noosaairfield.com.au. PH 0400 902 166.

REMARKS

1. Restricted OPS, PVT, PPR from AD OPR. PPR must be obtained by PH, SMS or email not accepted.
2. AD Charges: All ACFT.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	129.0 Circuit Area

FLIGHT PROCEDURES

RHC RWY 11 and Fly Neighbourly.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3340.

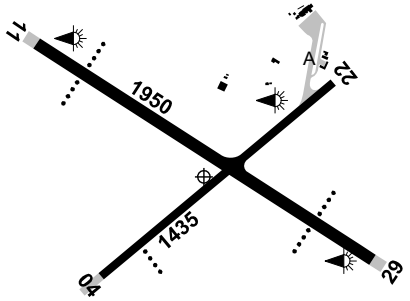
NORFOLK ISLAND

ELEV 371

AVFAX CODE 2402

OTH		UTC +11	YSNF
290233S	1675617E	VAR 15 DEG E	CERT

AD OPR Norfolk Island Regional Council, PO Box 149, Norfolk Island, NSW, 2899.
Email: info@airport.gov.nf. PH Primary +6723 22445: Secondary: +6723 23666.



REMARKS

1. This AD is a Security Controlled Airport.
2. All non air transport operational ACFT must obtain prior approval from the Airport Manager, Norfolk Island AD. 24HR PN required.
3. Local OPR MNM 60MIN advice of intention to OPR. YSNF.
4. ACFT movement and parking fees apply. See council fees and charges schedule.
5. 30MIN on call ARO response time to the airport for an emergency situation.

HANDLING SERVICES AND FACILITIES

Fuel: Burnt Pine Fuel - Phone 24 HR +6723 22188, Company FREQ 131.9. Limited stocks of AVGAS and JET A1, confirm availability before DEP for Norfolk Island. V, MC and Cash only.
Ground Handling: Burnt Pine Travel Airport Services - Phone 24 HR +6723 22188, Company FREQ 131.9.

RESCUE AND FIREFIGHTING SERVICES

CAT 6 - CTC +6723 22049:

a. 2100-0600 UTC TUE
b. 2130-0600 UTC WED and FRI
c. 0130-0530 UTC THU and SUN
d. 2200-0530 UTC SAT

SURFACE MOVEMENT GUIDANCE

THR - green; RWY ends - red; pavement ends - blue.

AERODROME OBSTACLES

1. AD HBN and ABN located on Mount Pitt, 1,090FT AMSL APRX BRG 344 DEG MAG 1.4NM FM AD.
2. Secondary lit WDI:
   a. 345FT AMSL APRX BRG 99 DEG MAG 713M FM ARP. Infringes TNS.
   b. 93FT AMSL APRX BRG 304 DEG MAG 1,008M FM ARP. Infringes TNS.
3. Trees:
   a. 410FT AMSL PSN 290300.76S 1675659.85E, infringes TNS RWY 11/29.
   b. 469FT AMSL PSN 290245.59S 1675628.90E, infringes TNS RWY 11/29.
   c. 467FT AMSL PSN 290243.84S 1675628.09E, infringes TNS RWY 11/29.
   d. 368FT AMSL PSN 290258.32S 1675549.99E, infringes APCH to RWY 04 by 5FT.
   e. 395FT AMSL PSN 290301.91S 1675547.91E, infringes APCH to RWY 04 by 20FT.
   f. 376FT AMSL PSN 290301.37S 1675547.00E, infringes APCH to RWY 04 by 1FT.
   g. 481FT AMSL PSN 290207.27S 1675644.71E, infringes TNS RWY 04/22.
   h. 473FT AMSL PSN 290207.00S 1675702.28E, infringes TNS RWY 04/22.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, AD WRNG.
2. AWIS Phone 02 9353 6443 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

04/22	035	47a	PCR 90/F/B/0.60 MPa/U	WID 30	RWS 90
11/29	107	64a	PCR 390/F/B/1.10 MPa/T Grooved	WID 45	RWS 150

Both side of RWY 04/22 TNS infringed.

AERODROME AND APPROACH LIGHTING

RWY 04/22	LIRL		SDBY PWR AVBL
RWY 04/22	PTBL(2)		BY PRIOR ARRANGEMENT
RWY 04	PAPI(1)	3.0 DEG50FT	SDBY PWR AVBL
RWY 04	RTIL		SDBY PWR AVBL
RWY 11/29	MIRL		SDBY PWR AVBL
RWY 11/29	PAPI(3)	3.0 DEG50FT	SDBY PWR AVBL
RWY 11/29	PTBL(2)		BY PRIOR ARRANGEMENT
RWY 11/29	RTIL		SDBY PWR AVBL

(1) Right side only
(2) EMERG only. 90MIN PN.
(3) PAPI provides special MNM wheel clearance for ACFT in 5M to 8M eye-to-wheel group.

RWY edge light spacing: 11/29: 60M; 04/22: 60M.

OTHER LIGHTING

ABN	ALTN 8 WG	On Mount Pitt (ELEV 1090FT AMSL) 344DEG/1.4NM from ARP.
HBN	OCC R	MIOL - Located Mount Pitt (ELEV 1090FT AMSL) 344DEG/1.4NM from ARP.

1. Secondary PWR switchover time: 11 SEC.
2. TWY LGT: Blue edge.

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIS	AUCKLAND SP6 INTL HF WI SELCAL	3467 5643 8867 13261 17904
UNICOM	NORFOLK UNICOM	118.1 (1)

(1) OPR HO.

RADIO NAVIGATION AND LANDING AIDS

DME	NF	112.4/ 71X	290250.8S	1675553.3E		(2)
NDB	NF	260	290026.1S	1675515.0E	OW 70 (OW HN70)	(3)
VOR	NF	112.4	290250.4S	1675555.8E		(1)

(1) Pilot monitored
(2) Antenna ELEV 331FT - Pilot monitored.
(3) 144/2.3 to ARP - Pilot monitored

LOCAL TRAFFIC REGULATIONS

1. All ACFT must use RWY end turning nodes. Any backtracking turns made prior to the RWY end turning nodes may encounter fees due SFC damage.
2. Operators of jet ACFT are requested to use MNM power when turning or taxiing on apron and MAX radius turn on exiting PRKG bays.
3. RWY 04/22 OPS restricted to ACFT 5,700KG or BLW with the FLW exceptions.
   a. ACFT up to and including DH8C may use RWY 04/22 if RWY 11/29 is operationally unsuitable; and
   b. The section of RWY 04/22 BTN the apron exit and the intersection of the RWY is AVBL as a TWY by all ACFT using RWY 11/29.

FLIGHT PROCEDURES

1. Pilots are reminded that NZ altimetry setting PROC are applicable when OPR into and out of Norfolk Island.
2. NZ regulations require aircraft flying within the Auckland Oceanic FIR to maintain vertical position with reference to standard pressure 1,013 HPA, with the exception that within proximity to the Norfolk Island AD aircraft must maintain altitude with reference to aerodrome QNH.
3. Right hand CCTS RQ when OPR on RWY 04 and 11 due to high terrain and obstacles to the north of the ARP.

CTAF 118.1

ADDITIONAL INFORMATION

1. Significant bird hazard at Philip Island (160DEG/5NM from AD, ELEV 913FT AMSL), and Nepean Island (131DEG/2.5NM from AD, ELEV 108FT AMSL).
2. Weather balloon launch APRX 2315 UTC FM 420M SW ARP. Launches may occur at other times.
3. SARWATCH: The responsibility of SAR for ACFT movements at Norfolk Island belongs with New Zealand.
4. Actual weather conditions can change rapidly and vary from forecasts.

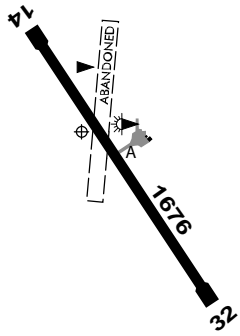
CHARTS RELATED TO THE AERODROME

1. WAC 3359.
2. Aerodrome Obstruction Chart Type A: RWY11/29, 3rd Edition (August 2025).
3. Also refer to AIP Departure and Approach Procedures.

NORMANTON

ELEV 73

AVFAX CODE 4517



QLD UTC +10 YNTN
174106S 1410413E VAR 5 DEG E CERT
AD OPR Shire of Carpentaria, PO Box 31, Normanton, QLD, 4890.
PH 07 4745 2200: AH 0429 303 112. ARO 0429 303 112 H24.
Fax 4745 1340.

REMARKS

1. AD Charges: All ACFT
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

World Fuel Services (WFS): H24 AVGAS bowser WFS cardswipe and credit card (via smartphone APP). AVGAS and JET A1 tankers. WFS Carnet card, EFTPOS and cash. 0800-1700 Local MON-FRI AH by arrangement. Call-out fee applies. 90MIN PN. PH: 07 4745 1615 or 0474 073 734 (H24). Email: wfsnormanton@gmail.com.

PASSENGER FACILITIES

PT/TX/AC/WC/RF/HC and airport shuttle.

AERODROME OBSTACLES

Unlit TWR 198FT AMSL BRG 022 DEG MAG 2,010M FM ARP. Infringes inner HZS by 5FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 07 3564 3730 - Report faults to BoM.
3. AWIS FREQ 133.1 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

14/32 141 55a PCR 89/F/A/0.85 MPa/U WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 14/32 LIRL AFRU+PAL 126.7 SDBY PWR AVBL
RWY 14/32 edge light spacing: 60M.

OTHER LIGHTING

1. TWY LGT blue edge.
2. ABN not AVBL.
3. Secondary PWR switchover time: 30 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.6 On Ground

RADIO NAVIGATION AND LANDING AIDS

NDB NTN 311 174144.7S 1410422.9E Range 120 (HN 85) OW 180 (OW HN120) (1)

(1) 344/0.8 to ARP.

LOCAL TRAFFIC REGULATIONS

Parking of non-RPT ACFT ABV 5,700KG is AVBL after prior approval from AD OPR. All other ACFT, except RPT ACFT, must park in light ACFT area to N of main apron.

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3220.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

NORMANTON HELIPAD

ELEV 70

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YNTH
174039S 1410406E VAR 5 DEG E UNCR
AD OPR Kristen Kuskopf, PO Box 487, Normanton, QLD, 4890.
Email: gulflandmotel@bigpond.com. PH 07 4745 1290. ARO AH 0417 482 692.
Mobile 0448 543 239.

REMARKS
PPR CTC AD OPR - day use only.

PASSENGER FACILITIES
WC/RF/TX/HC/AC. Transfers to and from Normanton Airport AVBL upon request.

PHYSICAL CHARACTERISTICS
Helipad - 30M x 30M. Hard gravel.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	118.6
UNICOM	NORMANTON UNICOM	126.7

CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3220.

NORSEMAN

ELEV 866

AVFAX CODE 6304

FULL NOTAM SERVICE NOT AVBL



WA UTC +8 YNSM
321234S 1214516E VAR 1 DEG E UNCR
AD OPR Shire of Dundas, Princep Street, Norseman, WA, 6443.
Email: ceo@dundas.wa.gov.au. PH AD General MGR 0429 391 291:
AD MGR 0427 391 359: H24 EMERG 08 9039 1401. Fax 08 9039 1359.

REMARKS
AD Charges: Apply to all ACFT

AERODROME OBSTACLES
Unlit mast 1,435FT AMSL BRG 081 DEG MAG 2.4NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED
1. METAR/SPECI.
2. AWIS PH 08 6216 2629 - Report faults to BoM.

PHYSICAL CHARACTERISTICS
01/19 47a 5700 kg/0.80 MPa Sealed. RWY LEN 1,419M. Slope level. WID 30 RWS 150

AERODROME AND APPROACH LIGHTING
RWY 01/19 Solar HN - EMERG use only.

OTHER LIGHTING
TWY LGT: None.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 133.2 6000FT

LOCAL TRAFFIC REGULATIONS
1. All ACFT to turn at RWY ends, MAX RAD, MNM speed.
2. ACFT MTOW 5,700KG.

FLIGHT PROCEDURES
Right hand CCTS at night on RWY 19.

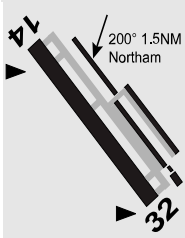
CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3461.

NORTHAM

ELEV 500

FULL NOTAM SERVICE NOT AVBL



WA UTC +8 YNTM
313733S 1164104E VAR 1 DEG W UNCR
AD OPR Northam Aero Club, PO Box 247, Northam, WA, 6401.
Email: webmaster@northamaeroclub.com. PH 0428 880 149.
Website: www.northamaeroclub.com.

REMARKS

1. Latest info AVBL FM website or CTC AD OPR or 0407 873 700.
2. The following types of aircraft are not permitted to operate from the Northam Airfield unless the express permission of the Northam Shire Council has been granted:
   a. Gyroplanes *CAO 95.12* and *CAO 95.12.1*
   b. Weight shift Control aircraft and Powered Parachutes. *CAO 95.32*

HANDLING SERVICES AND FACILITIES

VIVA Aviation: Dunnings Fuel. AVGAS H24 credit card bower, MON-FRI Phone 08 9622 1413, AH 0438 035 328. JET A1 not AVBL.

PASSENGER FACILITIES

WC

AERODROME OBSTACLES

Beware of power lines on the Great Eastern Highway Bypass.

PHYSICAL CHARACTERISTICS

14/32	41a	Unrated. Sealed. RWY LEN 1,248M. RWY 14 DTHR 175M. RWY 32 DTHR 98M.	WID 15	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 14/32 LIRL AFRU+PAL 124.2

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 120.3 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. Curfew for repetitive circuit training is 1300 UTC (2100 Local).
2. PRKG in front of Aero Club hangar reserved for fire fighting ACFT.
3. Carriage and use of radio is required by the AD OPR.

FLIGHT PROCEDURES

RWY 32 - Right hand circuits.

CTAF - AFRU 124.2

ADDITIONAL INFORMATION

1. Caution: Ultralight flight training.
2. Turbulence near RWY 14 THR strong easterly wind.

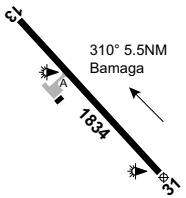
CHARTS RELATED TO THE AERODROME

WAC 3351, 3462.

Information may be continued on the next page: PTO

NORTHERN PENINSULA ELEV 34

AVFAX CODE 4509



QLD UTC +10 YNPE
105703S 1422734E VAR 5 DEG E CERT
AD OPR Northern Peninsula Area Regional Council, 200 Adidi Street, Bamaga, QLD, 4876. Email: bamagaairport@nparc.qld.gov.au.
PH AD Manager/ARO 07 4090 4134. ARO 0419 413 920.
Website: www.nparc.qld.gov.au.

REMARKS

1. AD charges are AVBL from Northern Peninsula Area Regional Council website.
2. Alcohol is restricted in the Northern Peninsula Area which includes the Shires of Bamaga, Injinoo, New Mapoon, Seisia and Umagico. Heavy penalties apply. Special provisions apply for alcohol being transported on consignment, and restrictions may vary from time to time. Further information on alcohol restrictions is available by calling 13 QGOV (13 74 68) or by referring to: https://www.qld.gov.au/firstnations/community-alcohol-restrictions/remote-discrete-communities

HANDLING SERVICES AND FACILITIES

JET A1 and AVGAS credit card H24 self-service only, under wing JET A1 account only, 2200-0700 UTC MON-FRI. AH call-out fee applies, Phone AD Manager/ARO, EMERG SAT Phone 0405 895 776.

PASSENGER FACILITIES

WC/LG/HC. Mobile phone reception - Telstra only.

AERODROME OBSTACLES

1. Unlit mast 83FT AMSL BRG 307 DEG MAG 1,240M from ARP. Infringes TNS by 6FT.
2. Trees:
   a. 36FT AMSL BRG 131 DEG MAG 203M FM ARP. Infringes RWY 31 APCH by 1FT.
   b. 40FT AMSL BRG 142 DEG MAG 191M FM ARP. Infringes RWY 31 APCH by 3FT.
   c. 41FT AMSL BRG 138 DEG MAG 198M FM ARP. Infringes RWY 31 APCH by 5FT.
   d. 47FT AMSL BRG 313 DEG MAG 2015M FM ARP. Infringes RWY 13 APCH by 4FT.

PHYSICAL CHARACTERISTICS

13/31 133 60a PCR 90/F/C/Y/U WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 13/31 LIRL PAL+AA 126.6 SDBY PWR AVBL
RWY edge light spacing: 13/31: 57.31M.

OTHER LIGHTING

1. TWY LGT: Blue edge.
2. APN lighting activated with RWY lighting.
3. Secondary PWR switch over time: 15SEC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.3 Circuit area

LOCAL TRAFFIC REGULATIONS

1. Pilots are REQ to execute MAX RAD turns to RWY to prevent pavement damage.
2. HEL landing not permitted on RWY 13/31.
3. HEL greater than 3,000KG MTOW to use marked HLS only unless operationally required.
4. Code C ACFT using Bay 2 are required to park according to the designated line markings only.

CTAF 126.5

ADDITIONAL INFORMATION

Bird hazard exists year round H24.

CHARTS RELATED TO THE AERODROME

1. WAC 3097.
2. Also refer to AIP Departure and Approach Procedures.

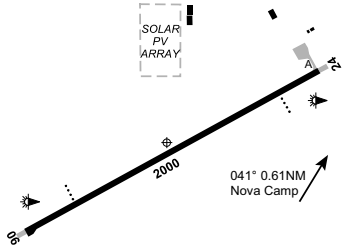
NOVA

ELEV 962

AVFAX CODE 6313

WA		UTC +8	YNOV
315043S	1231131E	VAR 1 DEG E	CERT

AD OPR IGO Nova Pty Ltd, Level 5, 85 South Perth Esplanade, South Perth, WA, 6151.
Email: nova.aro@igo.com.au. PH 08 6278 5300. ARO 0427 569 087.



REMARKS

Restricted OPS: 24 HR PPR from AD OPR.

HANDLING SERVICES AND FACILITIES

JET A1 not AVBL. Ground handling agents - contact AD OPR.

PHYSICAL CHARACTERISTICS

06/24	060	66a	PCR 350/F/C/1.58 MPa/T Sealed	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 06/24	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL
RWY 06/24	PAPI	AFRU+PAL 126.7	3.0 DEG52FT	SDBY PWR AVBL

RWY edge light spacing: 06/24: 60M.

OTHER LIGHTING

1. SDBY PWR manually activated, 60MIN PN.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.75 10000FT

LOCAL TRAFFIC REGULATIONS

1. PRKG on Bay 1 AVBL to F100 or BLW.
2. PRKG on Bay 2 AVBL to E190 or BLW.
3. Bay 2 unavailable if secondary bays are occupied.
4. Secondary PRKG Bay 2A unavailable if Bay 2 is occupied.
5. Secondary PRKG Bays are for ACFT with MAX wingspan 16.6M and MAX length 13.3M.
6. All itinerant ACFT under 5,700KG are to liaise with the AD Supervisor for bay allocation.
7. ACFT ABV 5,700KG must use RWY THR turning nodes with all turns to be at MNM speed and MAX radius.

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3352.
2. Also refer AIP Departure and Approach Procedures.

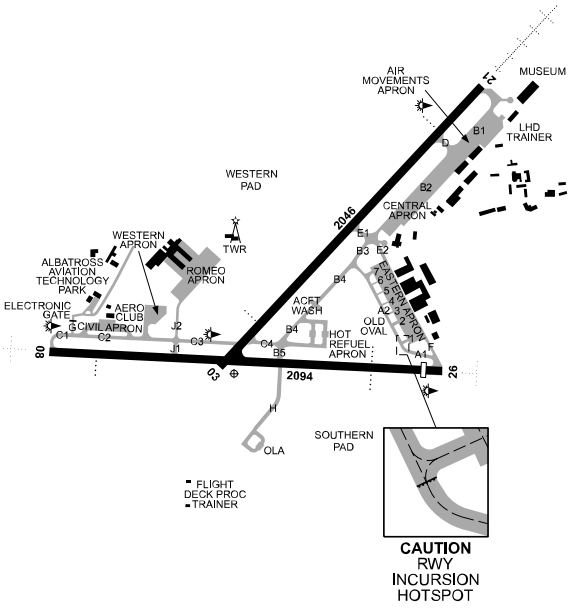
Information may be continued on the next page: PTO

NOWRA

ELEV 399

AVFAX CODE 2122

NSW UTC +10 YSNW
345656S 1503213E VAR 13 DEG E MIL
AD OPR NAVY, Naval Air Station Nowra, NSW, 2540.
Email: albatross.airoperations@defence.gov.au. PH Airfield Coordination Centre: 02 4449 2161: AH Duty Officer 0411 127 367.



REMARKS

1. **MIL OPS ONLY.** NAVAID training for CIV ACFT AVBL outside of ATS hours.
2. Visiting MIL ACFT 24HR PN to Airfield Coordination Centre. All visiting MIL aircrew conducting flying activities at Nowra (YSNW) and Jervis Bay Airfield (YJBY) are to read and comply with FIHA AD2 supplement Nowra.
3. Due to proximity of Navy SUA, NWX and TSX should be included when checking NOTAM.

HANDLING SERVICES AND FACILITIES

Fuel not AVBL for visiting civil ACFT.
F44, O147, H576, H515, E10, E13.
Aircraft PIC should be prepared to refuel aircraft as only tanker driver provided.

General

MARSHALLING Provided - 24HR PN.
ACFT wash FAC on the FLW FREQ:

WASH 1 - EC135 size ACFT - 376.75;
WASH 2 - H60 size ACFT - 377.75;
WASH 3 - C130 size ACFT - 378.75.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 5 AVBL 2300-1300 UTC MON-THU and 2300-0600 UTC FRI EXC PH.
2. During HDS CAT 5 2200-1300 UTC MON-THU and 2200-0500 UTC FRI EXC PH.
3. CAT 4 OT.
4. CAT 6 AVBL 72HR PN.
5. CAT 5 or CAT 6 outside published HR will be at cost to user.
6. RFFS MNT 118.85MHz outside AD HR.

APRONS AND TAXIWAYS

1. Low strength bitumen areas outside TWY sidelines not AVBL for taxi.
2. TWY G and Civil APN PCR 120/D.
3. TWY J, H and Romeo APN PCR 180/D.
4. Central and Hot Refuel APN PCR 80/D.
5. TWY B and C infringe RWS. MNM 41M wing tip CLR BTN C17 on RWY 03/21 and C17 on TWY B. MNM 11M wing tip CLR BTN C17 on RWY 08/26 and C17 on TWY C. ACFT with a wing span of 36M or greater can perform LDG or TKOF OPS to the RWY with the respective parallel TWY being occupied provided that:
   a. conditions are VMC;
   b. neither ACFT is subject to an emergency;
   c. the RWY is dry or wet but not contaminated;
   d. the parallel TWY is occupied by an ACFT with a wingspan less than 36M.
6. TWY A2 Inverts 1 and 2 are 14M wide, fixed wing ACFT to exercise caution when using these inverts. Inverts 3 to 6 are 6.6M wide, AVBL MIL HELO only. Invert 7 is 19M wide.
7. TWY E2 and J2 helicopters only. Fixed wing approved on REQ.
8. TWY A1, C and F shoulders 1-2M WID.
9. TWY A, B, C, D, E, F and Hot Refuel APN inverts 15M WID 10. TWY G and H 9M WID 11. TWY J 10.5M WID.

SURFACE MOVEMENT GUIDANCE

1. Distance to run markers (lit) located both sides of all runways.
2. RWY 21 aiming point markers aligned with PAPI.
3. TWY A RWY 26 holding point located at non-standard position on TWY A2 prior to TWY A1. Holding point marked by pavement marking, lights and MAG sign.

AERODROME OBSTACLES

1. Lit OBST. MET sensor masts 43FT AGL outside RWS as follows:
   a. Mast S ABM RWY 26 PAPI, N ABM HP C/RWY 03, W RWY 21 ABM ILS;
   b. Masts at FLT deck PROC trainer helipad 0.37NM S THR RWY 03.
2. RWY 21 2% APCH SFC infringed by:
   a. Trees both sides of RCL WI 493M FM THR up to 63FT ABV THR ELEV.
   b. Fence Along Road on RCL WI 422M FM THR 25FT ABV THR ELEV.
   c. Transient OBST on Road 177M FM THR along RCL up to 18FT ABV THR ELEV.
   d. Transient OBST on Road 435M FM THR along RCL up to 36FT ABV THR ELEV.
3. Lit OBST radar 45FT AGL BRG 327 MAG 0.2NM FM ARP.
4. TACAN 51FT AGL BRG 240 MAG 350M FM ARP. Infringes RWY 03/21 TKOF/APCH SFC by 42FT.
5. Trees:
   a. Up to 436FT AMSL WI 60M radius of PSN 345558.8S 1503328.1E.
   b. Up to 433FT AMSL WI 140M radius of PSN 345558.8S 1503328.1E.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI, TAF3 issued hourly AVBL during MO HR (2100-1000 UTC MON-THU, 2100-0500 UTC FRI, EXC PH, OT by TAF RMK/NOTAM).
2. AWIS Phone 02 9353 6444 - Report faults to BoM.
3. AWIS FREQ 125.65, 280.4, 359 - Report faults to 02 4424 1269.
4. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM RAN MO 02 4424 1269 when staffed. AH AVBL FM MWO 02 9296 1527.

PHYSICAL CHARACTERISTICS

03/21	031	67a	PCR 360/F/C/2.00 MPa/T Grooved.	WID 45	RWS 230
08/26	081	69a	PCR 360/F/C/2.00 MPa/T	WID 45	RWS 150

RWY 03/21 and 08/26 shoulders 1-2M WID.

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING

RWY 03/21	HIRL	PAL+AA 122.2		SDBY PWR AVBL
RWY 03/21	PTBL(2)			
RWY 03	PAPI(1)		3.0 DEG52FT	SDBY PWR AVBL
RWY 21	HIAL-CAT I			SDBY PWR AVBL
RWY 21	PAPI(3)		3.0 DEG50FT	SDBY PWR AVBL
RWY 08/26	HIRL	PAL+AA 122.2		SDBY PWR AVBL
RWY 08/26	PTBL(2)			
RWY 08	PAPI(4)		3.0 DEG57FT	SDBY PWR AVBL
RWY 26	PAPI		3.0 DEG52FT	SDBY PWR AVBL
RWY 26	SALS			SDBY PWR AVBL

(1) Left side.
(2) 30MIN PN
(3) Right side only. Aligned with ILS GP.
(4) Right side
1. **ALS type and length**
   a. RWY 21 - distance coded CL: 724M.
   b. RWY 26 - distance coded CL: 240M.
2. Rising terrain APP RWY 08/TKOF RWY 26. Marked by bi-directional red LGT.
3. Caution: some obstruction LGT not Light Enhancement device (NVG) compatible.
4. SDBY PWR AVBL. 15SEC nominal interruption.

OTHER LIGHTING

ABN	ALTN 10 WG	ELEV 681FT. Co-located with radar antennae BRG 055 DEG MAG 1.86NM FM ARP.

1. TWY light: Green CL.
2. TWY G lighting activated by PAL+AA 120.45.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	121.2 Circuit Area (Outside APP/TWR HR)
ACC	NOWRA CENTRE	132.3 325.8
ACD	NOWRA DELIVERY	128.35 (3)
AFIS	NOWRA INFORMATION	118.85
APP	NOWRA APPROACH	123.5 243.0 352.15
ATIS	NOWRA	125.65 280.4 359 (2)
SMC	NOWRA GROUND	135.85
SMCV	NOWRA GROUND	122.05
TWR	NOWRA TOWER	118.85 243.0 (1) 267.2 359 (2)

(1) Guarded ATS HR. Test transmissions on 243.0 not exceeding 10 SEC 2115-2130 on the first working day of each week.
(2) Transmits voice to ACFT with COM failure.
(3) Start Clearance not RQ unless specified by NOTAM or ATIS.
1. ATS hours notified by R421A/B NOTAM (refer NWX). Outside ATS hours CTAF procedures apply. ATS may be ACT at short notice, check YSNW ATIS for status.
2. Automatic retransmit FAC exists BTN FLW FREQ: 123.5/352.15/118.35, 118.85/267.2.
3. Nowra Approach FREQ 118.35: Jervis Bay (Bhewerre Ridge Repeater) - Use only when directed by ATC or when poor COM with APP BTN YJBY S to UDA.
4. NWA ATC do not control adjacent and overlapping MOA (TSX Airspace Group: M440, M441 and M444), including portions of M441 and M440AB overlapping R421A. Clearance to enter active MOA not AVBL through NWA ATC. Requests for access to be directed to the Controlling Authority.

RADIO NAVIGATION AND LANDING AIDS

DME	INA	108.5/ 22X (RWY21)	345613.6S	1503253.3E		(4)
GP	INA	329.9 (RWY21)	345613.6S	1503253.2E		(3)
ILS	INA	108.5 (RWY21)	345706.0S	1503159.1E		(2)
LOC	INA	108.5 (RWY21)	345706.0S	1503159.1E		
NDB	NWA	359	345704.4S	1503147.2E	Range 90	(1)
TAC	NWR	112.4/ 71X	345703.8S	1503216.8E		(5)

(1) Limitations:
a. Unreliable at MSA in sector 170DEG through north to 030DEG beyond 10NM. Voice AVBL to ACFT with COM failure.
b. Limited coverage to 72NM on 245 RAD at all levels.
(2) ILS Critical Area not protected outside ATS HR.
(3) GP not to be used outside 6 DEG right of centreline.
(4) Antenna ELEV 118FT.
(5) Terrain shielding BLW 4,300FT beyond 25NM BTN 090DEG to 095DEG and 240DEG to 249DEG.

All NAV AIDS Pilot MNT outside ATS HR.

LOCAL TRAFFIC REGULATIONS

1. Start CLR not RQ unless specified by NOTAM or ATIS. When specified by NOTAM or ATIS, start CLR RQMNTS shall apply to all ACFT WI 5NM of AD due PJE OPS.

2. TRAINING FLIGHTS

a. 24HR PPR for all visiting ACFT intending to conduct an INSTR APCH FM Airfield Coordination Centre and a PLN must be submitted for NAVAID training.
b. Visiting ACFT conducting practice INSTR APCH may be instructed to go-around by TWR or delayed by APP to afford LCA RAN circuit/TRNG ACFT priority.
c. Reciprocal IFR INSTR APCH training to duty circuit RWY not permitted.
d. Low overshoot or go-around subject to ATC approval when no conflicting circuit ACFT.
e. IFR practice INSTR APCH BLW 3,000FT AMSL may not be AVBL to visiting ACFT.
f. In VMC delays may be avoided or reduced by operating VFR
g. Prior approval does not guarantee use of the aid.
h. NAV and LDG LGT are to be on prior to intercepting final.
i. 24HR PN for Flight Deck PROC Trainer. Email: ta-avn.fdtu@defence.gov.au.

3. HOT LANE - MILITARY

Upon declaration of hot lane, airborne MIL ACFT are to initiate a go-around, maintain circuit ALT or proceed as directed by ATC. ACFT on the RWY are to immediately position:
a. Left side of the RWY on 21/08;
b. Right side of the RWY on 03/26, and
c. ACFT beyond the 1,000FT DIST to run marker board are to expedite TAX.

4. No overflight of hot refuel facility (ADJ TWY B4) BLW 200FT AGL.
5. Emergency Services/MED ACFT to meet Ambulance for transfer are to use the APN in front of fire station located east of TWY E1.

FLIGHT PROCEDURES

1. AIR TRAFFIC SERVICES

1.1. Class D ATS provided WI R421 to all ACFT.

2. FLIGHT PLANNING

2.1. All FLT planned to take place in R421 RQ submission of FLT details – excluding Circuit Area (CIRA) OPS and Mercy flights.
2.2. FLT notification acceptance by radio is subject to ATS workload. VFR OPS in R421 should PLN prior to DEP. Failure to do so may result in DLA.
2.3. YSNW is in close proximity to multiple MOA (M440, M441, M442, M444). Active MOA are not AVBL for use without Controlling Authority approval, including the portions of M440AB and M441 overlapping R421A. NWA ATC do not control these MOA and cannot provide clearance through these areas. Brief TSX airspace group NOTAM for activation status.
2.4. Survey flights WI R421 SUBJ MIL traffic and ATC workload. Details of proposed survey flights, including maps, aircraft details and timings, must be provided to ATC with 48HR PN by email to 453sqnnwaflt@defence.gov.au. Approval of survey operations may be SUBJ delay or cancellation to afford MIL priority.

Information may be continued on the next page: PTO

3. CIRCUIT PROCEDURES

3.1. All ACFT TAX for OPS confined to the CIRA shall CTC Nowra SMC to pass FLT details and obtain AWY CLR. Circuit OPS at Nowra occur WI the CIRA, a 5NM radius of Nowra ARP, SFC to 2,000FT.

3.2. Unless ATC direct otherwise, CCTS will be conducted as follows:

a. RWY 08 - Right;
b. RWY 21 - Right;
c. Fixed wing circuit ALT is 2,000FT AMSL;
d. Rotary wing circuit ALT is 1,200FT AMSL.
e. MIL HEL OPR CCTS to W Pad, S Pad and Flight Deck PROC Trainer not ABV 1,500FT AMSL.

3.3. Continuous IFR CCTS not permitted.

3.4. Mixed rotary wing and fixed wing CCTS subject to ATC approval and LCA MIL priority.

4. DEPARTURE PROCEDURES

Unless otherwise directed, DEP local ACFT transfer automatically FM TWR to APP WI 1NM of upwind THR EXC for local HEL with transfer WI 1NM of AD BDRY.

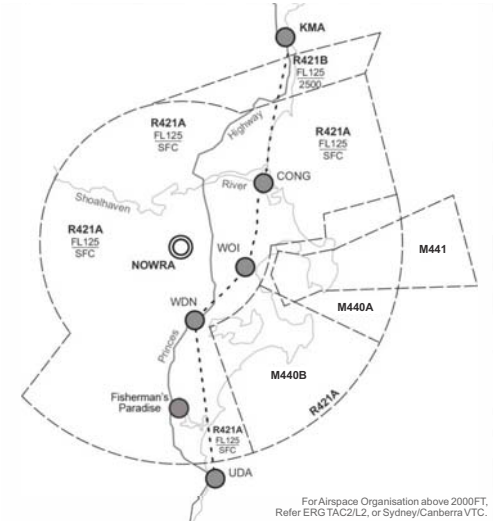
5. VFR ENTRY AND TRANSIT PROCEDURES

5.1. VFR ACFT should submit FPL to reduce delay in processing clearance. Airborne VFR ACFT with FPL may contact APP on 123.5MHz directly for airways clearance. VFR ACFT without FPL to contact ACD on 128.35MHz to provide flight details.

5.2. VFR aircraft transiting R421A by day below 3,500FT AMSL expect clearance via STD VFR transit routes as below. ACFT requesting DCT or other tracking expect clearance at or above 3,500FT AMSL, except during poor weather.

5.3. STD VFR routes are established for low level transit of R421A. Route dependent on status of M440AB/M441 (check TSX airspace group NOTAM). Expect FISHO ROUTE when M440AB/M441 ACT BLW 2,000FT AMSL, otherwise expect WOOLY ROUTE:

a. Expect clearance via WOOLY/FISHO ROUTE either SOUTHBOUND or NORTHBOUND, not above 2,000FT AMSL.
b. **WOOLY ROUTE**:
   (i) Southbound: KMA - CONG - WOI - WDN - UDA.
   (ii) Northbound: UDA - WDN - WOI - CONG - KMA.
c. **FISHO ROUTE**:
   (i) Southbound: KMA - CONG - WDN - FSHR - UDA.
   (ii) Northbound: UDA - FSHR - WDN - CONG - KMA.
d. Caution: VTC/VNC/TAC display WOOLY ROUTE only. FISHO route not shown on AIP Charts.



6. INITIAL AND PITCH

a. IP is 5NM on final for the assigned RWY, displaced 800M to the dead side. Left/ Straight/Right Initial are 30 SEC flying time prior to IP. ACFT are to establish not below 2,000FT AMSL prior to IP.

b. ATC may vertically restrict conflicting ACFT. ACFT will receive relevant traffic by the IP; ACFT are to pitch into the circuit from the dead side and may be subject to positive control and sequencing.

c. Subject to ATC approval, low breaks may occur not below 900FT AMSL (APRX 500FT AGL).

7. **REMOTELY PILOTED AIRCRAFT SYSTEM (RPAS)**

7.1. The FLW permanent small RPAS (less than 25KG) areas exist:

a. Thurgate Oval, Bomaderry PSN 345124S 1503618E (BRG 016 MAG 6.5NM FM ARP) and Bomaderry Oval, Bomaderry PSN 345124S 1503624E (BRG 019 MAG 6.5NM FM ARP). OPR BTN 2130-1100 UTC (2030-1000 UTC HDS) DLY, WI 0.5NM up to 200FT AGL.

b. Model ACFT OPR SAT/SUN/PH HJ TWY A up to 400FT AGL (will land on receipt of CTAF broadcast),

c. Model ACFT OPR HJ WI 500M RAD OF PSN 345413.31S 1503521.69E (Archer Racecourse) BRG 030MAG 3.9NM FM ARP. OPR will MNT CTAF. SFC TO 400FT AGL when R421A/B ACT (up to 1,000FT with ATC approval). SFC to 1,000FT AGL when R421A/B deactivated.

d. Model ACFT OPR HJ WI 500M RAD of PSN 344955.80S 1503719.70E (Fletcher's Lane) (BRG 018MAG 8.1NM FM ARP). OPR will MNT CTAF, SFC to 400FT AGL when R421A/B ACT (Up to 1,000FT with ATC approval), SFC to 1,000FT AGL when R421A/B deactivated.

7.2. RPAS requests and enquires are to be sent to: nowra.rpas@defence.gov.au with at least 10 business days PN. RPAS approval is subject to all MIL OPS and status of active restricted/military operating areas may have additional restrictions imposed or be cancelled at short notice.

7.3. When activated by NOTAM requests for RPAS OPS WI M441 and M440A/B will not be available.

8. **OUTSIDE TWR HR**

a. MIL HEL OPR CCTS to W Pad, S Pad and Flight Deck PROC Trainer not ABV 1,500FT AMSL. Other HEL CCTS 1,200FT AMSL.

b. In the event of an EMERG, ACFT OPR at YSNW on an unattended airfield basis are to declare the EMERG on Melbourne Centre, FREQ 121.2. Additionally when WI 10NM of YSNW, MIL ACFT are to advise details to RFFS watch attendant CS "Base Fire" on FREQ 118.85.

c. When other ACFT are OPR in the circuit, pilots conducting a practice IAP and not intending to land must not descend BLW 1,900FT. At MAPT, conduct the published missed approach procedure.

CTAF - AFRU 118.85

Outside ATS HR.

NOISE ABATEMENT PROCEDURES

1. Fast jet/turboprop departures RWY 21:
For noise abatement climb to 1,500FT on RWY HDG before commencing a turn onto track.

2. Noise sensitive area SFC-900FT AMSL S of AD WI RWY 08/26 circuit area:
345744.82S 1503109.72E
345821.60S 1503106.24E
345813.56S 1503138.34E
345751.18S 1503154.30E

Information may be continued on the next page: PTO

ADDITIONAL INFORMATION

1. SEV downdraft may be experienced WI 1NM on final RWY 26 during W wind ABV 7KT.
2. Rifle range 060/4.2NM ARP. ACT is indicated by R flags.
3. 23M pistol firing range 323/1.4NM ARP. ACT is indicated by R flags.
4. MIL ACFT may conduct OPS WI 50NM of YSNW using Light Enhancement devices and may not display external lighting. SFC-1,500FT AGL. Outside ATS HR ACFT will display external lighting on receipt of CTAF call FM other ACFT.
5. High density MIL OPS take place WI R421. Night vision device aided and unaided. MON-THU 2200-1500 UTC, FRI 2200-0700 UTC.
6. Bird hazard exists.
7. All ACFT OPR IN M440, M441 and M444 when ACT are not SUBJ to an ATS from Nowra ATC and OPR SUBJ to the COND imposed by Navy Fleet HQ Potts Point NSW.
8. PJE HX.
9. Non RDO equipped hang gliders OPR in VCY of Mount Cambewarra.
10. Model ACFT OPR WI VCY of AD, see *Flight Procedures*.
11. Caution: Outside TWR HR non RDO equipped AD support vehicles OPR on APN and TWY.

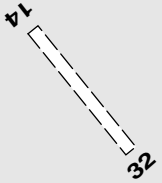
CHARTS RELATED TO THE AERODROME

1. WAC 3456.
2. MIL Aerodrome Obstruction Chart Type A: FEB 2025.
3. Also refer to AIP Departure and Approach Procedures.

NULLAGINE

ELEV 1251

FULL NOTAM SERVICE NOT AVBL



WA		UTC +8	YNUL
215446S	1201155E	VAR 1 DEG E	UNCR

AD OPR Shire of East Pilbara, PMB 22, Newman, WA, 6753.
ARO 08 9177 8964: 0409 483 651. Council PH 08 9177 8964.
Fax 08 9177 8965.

PASSENGER FACILITIES

AC/LG/WC.

PHYSICAL CHARACTERISTICS

RWY 14/32 1,620M. Unsealed natural/sand. WID 30M.

AERODROME AND APPROACH LIGHTING

1. Solar lighting HN. RWY 14/32 white on sides, green APCH, red at ends. IWI.
2. RWY 14/32 edge light spacing: 60M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	128.15 5500FT

CTAF 126.7

ADDITIONAL INFORMATION

Wildlife hazard exists. Cattle, kangaroos, dingoes, birds and other feral animals.

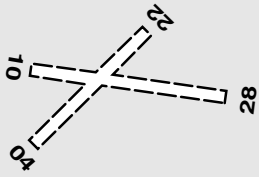
CHARTS RELATED TO THE AERODROME

WAC 3230.

NULLARBOR MOTEL

ELEV 220

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YNUB
312628S 1305408E VAR 4 DEG E UNCR
AD OPR Nullarbor Pty Ltd, P.M.B. 30, via Ceduna, SA, 5690.
PH 08 8625 6271. Fax 08 8625 6261.

REMARKS

AD Charges: Nil for refuelling or accommodation.

HANDLING SERVICES AND FACILITIES

Nullarbor Motel: HJ. Phone 08 8625 6271, fax 08 8625 6261. AVGAS, O125.

PASSENGER FACILITIES

AC/RF.

AERODROME OBSTACLES

TWR 359FT, 170DEG/278M THR RWY 04.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 132.7 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION

Sealed road between buildings not suitable for use as a takeoff and landing area.

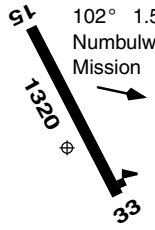
CHARTS RELATED TO THE AERODROME

WAC 3353.

NUMBULWAR

ELEV 31

AVFAX CODE 8047



NT UTC +9:30 YNUM
141618S 1354300E VAR 3 DEG E CERT
AD OPR Roper Gulf Regional Council, CMB 17, Numbulwar, NT, 0822.
PH 08 8972 2102. ARO 0408 835 637.

REMARKS

1. AD Charges: All ACFT
2. This AD is a Security Controlled Airport.

PASSENGER FACILITIES

Telephone facilities not AVBL. Shelter at AD with Mobile Phone coverage (Telstra 3G).

PHYSICAL CHARACTERISTICS

15/33 146 43c Unrated. Sealed WID 18 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 15/33 PTBL(1) BY PRIOR ARRANGEMENT

(1) Solar.

1. EMERG only PAL Phone ARO for FREQ.
2. Apron lights turned on manually by ARO.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.2 Circuit Area

LOCAL TRAFFIC REGULATIONS

Restrict all turns to central 18M of RWY.

CTAF 126.7

ADDITIONAL INFORMATION

Animal Hazard Exists.

CHARTS RELATED TO THE AERODROME

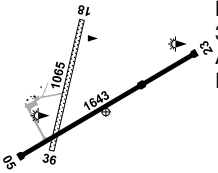
WAC 3110.

Information may be continued on the next page: PTO

NYNGAN

ELEV 569

AVFAX CODE 2222



NSW UTC +10 YNYN
313304S 1471210E VAR 11 DEG E CERT
AD OPR Bogan Shire Council, PO Box 221, Nyngan, NSW, 2825.
PH 02 6835 9000. ARO 0428 264 262.

HANDLING SERVICES AND FACILITIES

Fuel supplied by IOR Aviation Pty Ltd. JET A1 and AVGAS 100LL AVBL H24 self-serve bowser.
Payment method via IOR Aviation tag for account holders or via the Fuelcharge APP.
PH 1300 457 467.

AERODROME OBSTACLES

LIOL - 746FT AMSL, 1,000M SW of THR RWY 05.

PHYSICAL CHARACTERISTICS

05/23	049	54a	Unrated.	WID 30	RWS 150
18/36	183	35c	Unrated. Grass	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 05/23 LIRL PAL 122.3 SDBY PWR AVBL
RWY edge light spacing: 05/23: 90M.

OTHER LIGHTING

1. SDBY PWR manually activated.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 123.9 5000FT

CTAF 126.7

ADDITIONAL INFORMATION

Animal and bird hazard exists.

CHARTS RELATED TO THE AERODROME

1. WAC 3356.
2. Also refer to AIP Departure and Approach Procedures.

OAKEY

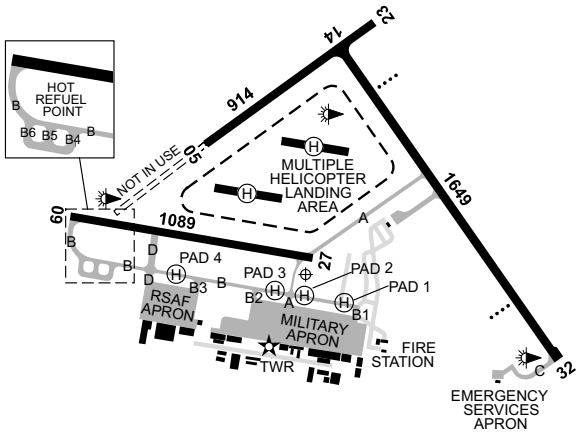
ELEV 1336

AVFAX CODE 4007

QLD UTC +10 YBOK

272441S 1514407E VAR 11 DEG E MIL

AD OPR Dept of Defence, Airfield Operations Centre, Army Aviation Training Centre (AAvnTC), Swartz Barracks, Oakey, QLD, 4401. Email: oak.airfieldops@defence.gov.au. PH 07 4577 7136. PH AH 0427 725 658.



REMARKS

1. AD OPR HR are dependent on local MIL OPS and are notified by NOTAM.
2. CIV ACFT must not use any surface of OAKEY Airfield without prior approval, excluding MEDEVAC, HOSP and EMERG. Contact AD OPR.
3. CIV ACFT (excluding EMERG ACFT) shall not plan to use Oakey as a WX Diversion.

HANDLING SERVICES AND FACILITIES

All visiting CIV and MIL aircrew are to notify AD OPR with 2 business days' PN to coordinate ACFT PRKG, security, refuelling, accommodation and in-flight meal requirements.

RESCUE AND FIREFIGHTING SERVICES

CAT 4 ATS hours.

APRONS AND TAXIWAYS

1. TWY A PCR 50/D.
2. TWY C, EMERG Services APN and MRH-90 facilities PCR 80/D.
3. TWY D PCR 100/D.
4. Compass swing area PCR 90/D.
5. RSAF APN and Military APN PCR 100/D.
6. TWY B varies:
   a. TWY B east of TWY A PCR 50/D.
   b. TWY B1 PCR 50/D.
   c. TWY B west of TWY A PCR 100/D.
   d. TWY B2, B3 and Hot Refuel Point (B4, B5, B6) PCR 100/D.
7. Access to MIL APN W of CL invert B2 is restricted to ARH Tiger helicopter movements only.
8. EMERG Service APN: Jet OPS or turbo-prop OPS in excess of 7,000KG are prohibited at Oakey unless due to EMERG, or special Government arrangement.
9. Taxi line markings on the EMERG Services APN only ensures obstacle clearance for ACFT with a wing span of 10M or less.

AERODROME OBSTACLES

1. Lit OBST 60FT AGL Turkey Hill, PSN 355 MAG 5NM Oakey.
2. Lit OBST 75FT AGL, Oakey Hill, 191/2.5NM (4,600M) FM Oakey ARP.
3. Lit OBST 1,831FT AMSL, TEL TWR, PSN 272759.25S 1514907.96E.

Information may be continued on the next page: PTO

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI, TAF3 issued hourly AVBL during MO HRS, AD WRNG, WS WRNG.
2. AWIS PH 07 3564 3731 - Report faults to AD OPR.
3. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM Defence MO 07 3239 8745 when staffed. AH AVBL FM MWO 07 3239 8737.

PHYSICAL CHARACTERISTICS

05/23	044	30a	PCR 80/F/D/1.10 MPa/T	WID 23	RWS 90
09/27	089	36a	PCR 100/F/D/X/T	WID 23	RWS 90
14/32	134	56a	PCR 90/F/D/1.10 MPa/T	WID 30	RWS 90

RWY 09/27 friction LVL measured BLW 'MNM friction LVL'.

AERODROME AND APPROACH LIGHTING

RWY 09/27	MIRL	PAL 121.3		SDBY PWR AVBL
RWY 14/32	MIRL	PAL 121.3		SDBY PWR AVBL
RWY 14/32	PAPI(1)	PAL 121.3	3.0 DEG48FT	SDBY PWR AVBL

(1) Left side.

OTHER LIGHTING

ABN ALTN 8 WG On TWR

LGT signal ALDIS LGT FM old control TWR visibility restricted from WNW (BTN 260 to 305 DEG MAG) due to new taller TWR construction.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	121.2 On ground (Outside APP/TWR HR)
ACD	OAKEY DELIVERY	133.35
APP	OAKEY APPROACH	123.7 125.4 285.4
ATIS	OAKEY ATIS	124.3 254
SMC	OAKEY GROUND	121.9 243.0 (1)
TWR	OAKEY TOWER	120.1 279.5

(1) Emergency Frequency, guarded DUR ATS HR.

1. Automatic retransmit FAC exists BTN FLW FREQ DRG ATS HR only: 120.1/279.5; 125.4/285.4.
2. Oakey airspace activation must be confirmed by monitoring Oakey ATIS on 124.3 or 254 or 07 4577 7235 or with Brisbane Centre on 121.2.

RADIO NAVIGATION AND LANDING AIDS

DME	IOK	110.5/ 42X (RWY14)	272414.5S	1514424.5E		(4)
GP	IOK	329.6 (RWY14)	272414.5S	1514424.5E		
ILS	IOK	110.5 (RWY14)	272459.3S	1514452.5E		
LOC	IOK	110.5 (RWY14)	272459.3S	1514452.5E		
DME	OK	112.9/ 76X	272358.5S	1514416.8E		(2)
NDB	OK	254	272516.9S	1514413.8E	Range 70 (HN 65)	(3)
VOR	OK	112.9	272358.8S	1514416.3E		(1)

(1) 169/0.7 to ARP.
(2) Antenna ELEV 1,358FT.
(3) 351/0.6 to ARP. Range 50NM in minor arc 330DEG MAG to 100DEG MAG.
(4) Antenna ELEV 1,357FT.

LOCAL TRAFFIC REGULATIONS

RWY 09/27 not AVBL to ACFT ABV 22,700KG.

FLIGHT PROCEDURES

1. During hours of de-activation of the CTR, all OPS are to be away FM the built-up area where possible.
2. All VFR ACFT RQ CLR into Oakey RSTD airspace from class G and E airspace. CTC Oakey ACD on 133.35 to pass details and obtain SSR code and AWY CLR.
3. Circling area may be overflown by ACFT conducting APCH to Brisbane West Wellcamp (YBWW) RWY 12 outside ATC HR.
4. Clearance through R654A may not be available on the YTWB/BIVAT-MESED-Q484 or Q303 routes. VFR clearances AVBL via the Warrego VFR route.

5. **OPERATIONS IN YBOK CTA AND/OR R654AB**
   a. Requests must be sent to AD OPR via email, with proposed operation details, timings, locations and operating levels at least two business days prior to the commencement of the activity.
   b. To prevent delays airborne and/or wastage of agricultural product, acknowledged agricultural operators should contact OAK ATC via phone prior to taking off to confirm any potential delays.
   c. All ACFT are to maintain two-way communication with ATS when airspace is active. Transponder required.
   d. MIL aircrew must receive Non-Defence owned Training Area brief prior to commencement of operations.
6. **CIV RPAS/UAS**
   a. Requests must be sent to YBOK ATC via email: 452sqnoakflt.spvr@defence.gov.au with timings, locations, operating levels and whether within or beyond visual line of sight at least two business days prior to commencement.
   b. Approval for RPAS/UAS operations may take longer than two days in some cases. All CIV RPAS/UAS operators must hold the appropriate certifications endorsed by CASA.
7. **ATC SERVICES**
   a. ATC will provide Class D service to state ACFT and nominated civil ACFT WI R654ABCD and the Oakey CTR.
   b. All other ACFT will receive Class C service.

CTAF - AFRU 127.65

Oakey, Toowoomba and Brisbane West Wellcamp excluding Oakey when airspace is active.

ADDITIONAL INFORMATION

1. Bird hazard exists. Increased activity will be advised by NOTAM.
2. Blasting Acland Mine, in VCY of PSN 271749S 1514301E (338/6.6NM FM OK VOR). Check NOTAM for activity.
3. Civil ACFT not intending to arrive at Oakey are strongly advised to avoid Oakey circuit area by 5NM, overfly above 3,500FT AMSL and avoid instrument approach final paths.
4. CAUTION:
   a. Military helicopters and fixed wing ACFT OPR outside hours of ATS. OPS include parallel OPR to all RWY, counter rotating circuit patterns, medium wake turbulence category helicopter ARR DEP and circuit to sealed runways and other non-standard CTAF OPR
   b. ACFT to be aware of the proximity to Brisbane West Wellcamp (YBWW) 150/9.3NM and Toowoomba (YTWB) 119/12.2NM FM Oakey ARP.
   c. Airfield sweeper OPR. 1400-2100 MON-FRI.
   d. Remain clear of power station to the SW of AD.
   e. Flight Training OPS out of Brisbane West Wellcamp (YBWW) and within D635AB FM 1900-1400 UTC DLY. YBWW BRG 143 MAG 9.5NM FM ARP.
5. MIL ACFT using light enhancement devices may not display external LGT outside ATS/AD OPR HR. Check NOTAM for operations in R654 during periods of airspace deactivation.
6. Military radar is in operation at PSN 271942S 1514417E.
   a. Possible avionics interruptions/errors WI 125M BLW 2,000FT AMSL
   b. Aircraft transporting MIL ordnance are to observe the FLW separation FM the radar site unless ordnance manufacturers specify shorter distance.
      (i) Hazards of Electromagnetic Radiation to Ordnance (HERO) susceptible WI 250M/BLW 850FT AMSL
      (ii) HERO unsafe WI 900M/BLW 850FT AMSL

CHARTS RELATED TO THE AERODROME

1. WAC 3340.
2. MIL Aerodrome Obstruction Chart Type A (RWY 05/23): SEP 2024.
3. MIL Aerodrome Obstruction Chart Type A (RWY 09/27): SEP 2024.
4. MIL Aerodrome Obstruction Chart Type A (RWY14/32): SEP 2024.
5. Refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

OCHRE ARCH

ELEV 1059

FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YOCA
334521S 1480046E VAR 12 DEG E UNCR
AD OPR Ochre Arch Farm Tours, 'Ochre Arch', 761 Goodes Lane, Pinnacle (near Grenfell) NSW, 2810. Email: info@ochrearch.com.au. PH 02 6343 5105. ARO 0425 760 596. Website: www.ochrearch.com.au.

REMARKS

1. PPR from AD OPR.
2. AD charge: in farm tour fee. Otherwise donation appreciated.
3. Landing area and tour details on website.

HANDLING SERVICES AND FACILITIES

Nil fuel on site. Nearest fuel at YCWR Cowra 32NM 24HR and YYNG Young 32NM.

PASSENGER FACILITIES

RF/WC/AC: Limited short term homestay. Mobile signal: Telstra, Optus and Vodafone.

AERODROME OBSTACLES

Beware fence at each end. There are trees, a tank and a windsock near the runway, however extended centre line is clear.

PHYSICAL CHARACTERISTICS

08/26 25c Unrated. Grass. RWY LEN 770M. WID 15
Slope W end 2.5% down to W. E end 1% down to E.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 135.25

CTAF 126.7

ADDITIONAL INFORMATION

Stock graze occasionally in the airstrip paddock when not in use.

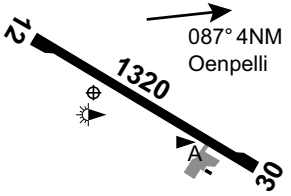
CHARTS RELATED TO THE AERODROME

WAC 3456, 3457.

OENPELLI

ELEV 30

AVFAX CODE 8048



NT UTC +9:30 YOEN
121931S 1330020E VAR 2 DEG E CERT
AD OPR Gunbalanya Shire Council, CMB 6, Gunbalanya, NT, 0822. Email: contracts@westarnhem.nt.gov.au. PH 08 8970 3700. ARO EMERG SAT 0147 185 915 (H24). Mobile 0419 302 164.

PASSENGER FACILITIES

Telephone facilities not AVBL.

AERODROME OBSTACLES

Terrain:

a. 462FT AMSL BRG 098 DEG MAG 2.4NM FM ARP. Infringes conical SFC by 79FT.
b. 352FT AMSL BRG 143 DEG MAG 1.3NM FM ARP. Infringes inner HZS by 142FT.
c. 499FT AMSL BRG 160 DEG MAG 1.5NM FM ARP. Infringes inner HZS by 289FT.

PHYSICAL CHARACTERISTICS

12/30 116 43a Unrated. Sealed WID 18 RWS 90
RWY not AVBL to ACFT ABV 5,700KG MTOW. Flights with MEDEVAC and HOSP status exempt.

AERODROME AND APPROACH LIGHTING

RWY 12/30 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG use only. Solar powered, automatically activates.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 124.1 Circuit Area

FLIGHT PROCEDURES
Right hand circuits RQ when OPR on RWY 30.

CTAF 126.7

ADDITIONAL INFORMATION
Bird hazard exists.

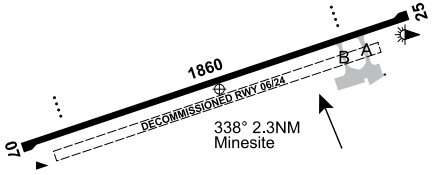
CHARTS RELATED TO THE AERODROME
WAC 3109.

OLYMPIC DAM — ELEV 344

AVFAX CODE 5106

SA		UTC +9:30	YOLD
302906S	1365236E	VAR 7 DEG E	CERT

AD OPR BHP Olympic Dam Corporation Pty Ltd, PO Box 150, Roxby Downs, SA, 5725.
Email: olympicdamairport@bhp.com. ARO 0477 307 824.



REMARKS
1. Prior permission required, MNM 3 days notice - contact AD OPR.
2. This AD is a Security Controlled Airport.
3. AD not AVBL to non-radio equipped or non-mode C transponder equipped ACFT.

HANDLING SERVICES AND FACILITIES
AIR BP: Phone 0407 856 097. JET A1 self-service or overwing only. Carnet Card.

PASSENGER FACILITIES
PT/TX/HC/WC.

AERODROME OBSTACLES
1. Smelter stacks (x2) 543FT AMSL BRG 339 DEG MAG, 4,200M FM ARP. Both infringe COS. Unlit.
2. Smelter stack 634FT AMSL BRG 335 DEG MAG, 4,500M FM ARP. Infringes the COS. Lit.
3. High voltage PWR line 504FT AMSL with 6 lit masts, 3,500M SW of ARP. Infringes inner HZS.
4. Crane 650FT AMSL, BTN BRG 328 and 355 DEG MAG BTN 2.2 and 2.5NM FM ARP. Infringes COS.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 08 8150 3811 - Report faults to BoM.
3. AWIS FREQ 128.05 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS
07/25 064 61a PCR 421/F/C/1.50 MPa/T Grooved. WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 07/25	LIRL	PAL 119.6		SDBY PWR AVBL
RWY 07	PAPI(1)	PAL 119.6	3.0 DEG49FT	SDBY PWR AVBL
RWY 25	PAPI(2)	PAL 119.6	3.0 DEG49FT	SDBY PWR AVBL

(1) Left side only.
(2) Right side only.
1. HJ selection of PAL will only activate PAPI. RWY lights will OPR when poor light levels exist.
2. RWY edge light spacing: 60M.

Information may be continued on the next page: PTO

OTHER LIGHTING
1. Secondary PWR switchover time: 15 SEC.
2. TWY light: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 122.0 Circuit Area

LOCAL TRAFFIC REGULATIONS
1. All ACFT are to make a taxi broadcast on Melbourne Centre 122.0 and CTAF 126.6.
2. TWY B for ACFT 21,000KG and BLW.

FLIGHT PROCEDURES
1. Right hand CCTS required when operating on RWY 07.
2. ACFT are to avoid overflying the mine and plant areas N of AD due to obstacles and blasting.

CTAF - AFRU 126.6

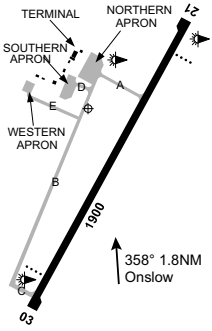
ADDITIONAL INFORMATION
1. Caution: Frequent movements of high capacity RPT ACFT and charter ACFT occur at AD.
2. Caution: Potential for air traffic congestion and conflict exists.
3. Landing permission may include a slot time to avoid peak movement periods.
4. Bird hazard exists.

CHARTS RELATED TO THE AERODROME
1. WAC 3354.
2. Also refer to AIP Departure and Approach Procedures.

ONSLOW ELEV 23

AVFAX CODE 6807

WA UTC +8 YOLW
214006S 1150647E VAR 0 DEG E CERT



AD OPR Shire of Ashburton, PO Box 20, Onslow, WA, 6710.
Email: onslow.airport@ashburton.wa.gov.au. PH 08 9153 2000.
ARO AH 0487 654 272.

REMARKS
1. AD Charges apply.
2. This is a security controlled airport.
3. High-visibility vest (or equivalent) and valid ASIC or Onslow Airport VIC must be worn.
4. Any OPR wishing to store private fuel at AD is to CTC the AD OPR.

HANDLING SERVICES AND FACILITIES
Skyfuel: JET A1 tanker service AVBL by arrangement. 2HR PN. Card activated self serve. H24 JET A1 pump also AVBL, MC, V and Skyfuel card. Phone: 0448 562 151, Email: skyfuelonslow@gmail.com, Website: www.skyfuel.com.au for site details.
World Fuel Services H24 AVGAS bowser, WFS carnet card, V and MC via Compac Pay smartphone APP. Phone 0459 604 281.
Ground handling services by arrangement - Minres Air.
Phone: 0472 848 989, 0459 311 421. Email: onslow.airport@mrl.com.au.

PASSENGER FACILITIES
WC/TX/HC/RF/LG

APRONS AND TAXIWAYS
1. TWY A, B and C AVBL to Code C ACFT and BLW.
2. All ACFT under 5,700KG to use east side of southern APN.
3. TWY B BTN TWY D and C not AVBL to ACFT with outer main gear wheel span exceeding 8M.
4. TWY E AVBL to code B ACFT and below with MAX wingspan of 18M.

AERODROME OBSTACLES
Illuminated WDI. PSN BRG 205 MAG 0.6NM FM ARP. Infringes TNS by 2FT.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT D, METAR/SPECI.
2. AWIS PH 08 6216 2630 - Report faults to BoM.

PHYSICAL CHARACTERISTICS
03/21	029	62a	PCR 250/F/B/Y/T Grooved	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING
RWY 03/21	LIRL(1)	AFRU+PAL 126.6		
RWY 03/21	PAPI(1)	AFRU+PAL 126.6	3.0 DEG49FT	SDBY PWR AVBL
RWY 03/21	PTBL(2)			BY PRIOR ARRANGEMENT

(1) 30MIN cycle.
(2) EMERG only. 60MIN PN.

OTHER LIGHTING
1. Secondary PWR switchover time: 35 SEC.
2. TWY LGT: Blue edge on TWY A, D and B north of TWY D.
3. TWY B, C and E no lighting AVBL. Day OPS only.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA	MELBOURNE CENTRE	122.4 5,000 FT

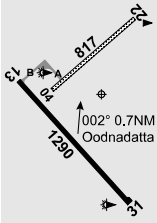
LOCAL TRAFFIC REGULATIONS
1. All ACFT over 5,700KG to make turns at RWY ends only. MAX RAD at MNM speed.
2. PRKG for all ACFT over 5,700KG by prior arrangement with AD OPR.
3. Bay 3 on northern APN not accessible from TWY B.

CTAF - AFRU 126.6

CHARTS RELATED TO THE AERODROME
1. WAC 3229.
2. Also refer to AIP Departure and Approach procedures.

OODNADATTA ELEV 386

AVFAX CODE 5202 **FULL NOTAM SERVICE NOT AVBL**



SA UTC +9:30 YOOD
273336S 1352642E VAR 5 DEG E UNCR
AD OPR Outback Communities Authority, PO Box 3326, Port Augusta, SA, 5700.
Email: oca@sa.gov.au. PH 08 7133 3500. Mobile 0439 136 271: 0455 467 346.
Website: www.outbacksa.sa.gov.au.

REMARKS
AD Charges apply.

METEOROLOGICAL INFORMATION PROVIDED
1. METAR/SPECI.
2. AWIS PH 08 8150 3812 - Report faults to BoM.

PHYSICAL CHARACTERISTICS
04/22		27c	Unrated. Gravel.	WID 18	RWS 60
13/31		42c	5700 kg/0.65 MPa Central 18M Sealed.	WID 23	RWS 90

AERODROME AND APPROACH LIGHTING
RWY 13/31 Solar H24. EMERG only.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA	MELBOURNE CENTRE	120.7 On Ground

CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3343.

Information may be continued on the next page: PTO

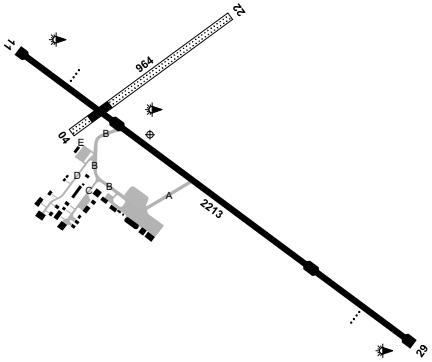
ORANGE

ELEV 3112

AVFAX CODE 2135

NSW		UTC +10	YORG
332241S	1490732E	VAR 12 DEG E	CERT

AD OPR Orange City Council, PO Box 35, Orange, NSW, 2800. PH 02 6393 8000.
ARO BH 02 6393 8326 (0600-2030 Local MON-FRI EXC PH). ARO AH 0419 233 879.
Website: www.orange.nsw.gov.au/orange-regional-airport.



REMARKS

1. Landing fees apply for all ACFT at Orange Airport.
2. This AD is a Security Controlled Airport. Current ASIC must be displayed whilst airside.
3. Direct access from APN to terminal not permitted to GA/CHTR pilots and PAX. Exit and entry to APN via gates either side of terminal. Pilots note access code for re-entry.

HANDLING SERVICES AND FACILITIES

BJM International Ferry Service: AVGAS and JET A1, 24HR credit card bowser located TWY C. PH 0414 247 999 or 0415 247 999.
Aero Refuellers: AVGAS and JET A1, 24HR self serve bowsers accept Aero Refuellers card, V and MC. JET A1 by tanker H24 1HR PN. AH call out fees apply. PH 0456 670 267.
Orange HEL fuel tanker, JET A1 by tanker, call out fees apply for AH and weekend, 1HR PN. PH 0438 270 370, 0438 270 374. Cash and credit card accepted.

PASSENGER FACILITIES

HC/RF/WC/LG/ME.

AERODROME OBSTACLES

1. Pine tree 59FT AGL BRG 022 MAG 933M FM ARP. Infringes RWY 04/22 transitional SFC.
2. Tree 3,165FT AMSL PSN 332220.2S 1490643.7E. Infringes RWY 11 visual segment SFC.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 02 9353 6445 - Report faults to BoM.
3. AWIS FREQ 128.8 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

04/22	041	32c	5700 kg/0.45 MPa Grassed red clay.	WID 30	RWS 90
11/29	114	73a	PCR 175/F/C/1.50 MPa/T	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 11/29	LIRL	AFRU+PAL 119.0		SDBY PWR AVBL
RWY 11/29	PAPI(1)	AFRU+PAL 119.0	3.0 DEG48.5FT	SDBY PWR AVBL
RWY 11/29	RTIL	AFRU+PAL 119.0		SDBY PWR AVBL

(1) Left side.
RWY edge light spacing: 11/29: 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue Edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	135.25 On Ground

LOCAL TRAFFIC REGULATIONS

1. All Code C ACFT must roll through and use RWY 11/29 turn pads and MAX radius turns on RWY 11/29 and APN.
2. Use of RPT Bays 1-7 is restricted to RPT and Air Ambulance ACFT. Other ACFT as approved by AD OPR with 24HR PN. PH ARO.
3. TWY C, D and E not AVBL to ACFT ABV 4,000KG MTOW.
4. GA ACFT engine run-up not permitted on RPT apron.
5. All ACFT using RWY 11/29 must land and take-off on the sealed runway only, unless approved by the AD OPR with PN.

CTAF - AFRU 119.0

ADDITIONAL INFORMATION

1. Increased hazards of birds (ducks, magpies, galahs and ibis) and animals (kangaroos, wallabies and foxes) exists.
2. Random blasting HJ, at quarry BRG 085DEG MAG, 3.2NM FM ARP, 500M RAD, 0-500FT AGL.
3. Intensive gliding operations conducted by Bathurst Soaring Club at Pipers Field located 20NM East Orange Airport - daylight HR on weekends, PH and some weekdays. Gliders monitor 122.7 within 3NM Pipers Field and 127.35 (Bathurst CTAF) when east of Pipers Field.
4. Gliders cross-country gliding operations often transit airspace in the vicinity of Orange Airport up to and above 10,000FT. Gliders monitor 119.0 (Orange CTAF) west of Pipers Field in the vicinity of Orange airport.
5. Gliders outside of the vicinity of Orange Airport monitor 122.7.

CHARTS RELATED TO THE AERODROME

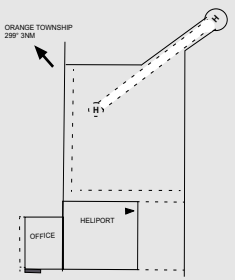
1. WAC 3456, 3457.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

ORANGE EAST HELIPORT

ELEV 2828

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YOEH
331902S 1490853E VAR 12 DEG E UNCR
AD OPR Helicruz, 4968 Mitchell Hwy, Orange, NSW, 2800.
PH 0403 066 444, 02 6363 5650.

REMARKS

1. Prior approval required phone AD OPR.
2. Landing charges apply.

HANDLING SERVICES AND FACILITIES

Helicruz - AVGAS, JET A1. V, MC, AMEX. Prior notification required for fuel.

PASSENGER FACILITIES

PT, WC, TX, LG.

AERODROME AND APPROACH LIGHTING

1. PAL+AA 120.45.
2. IWI north-west corner of hangar when PAL is activated.
3. Helipad lighting.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 135.25 On Ground

LOCAL TRAFFIC REGULATIONS

Must adhere to Helicruz FAC page.

CTAF - AFRU 119.0

CHARTS RELATED TO THE AERODROME

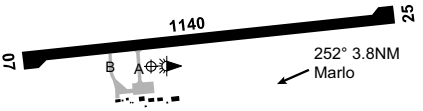
WAC 3456, 3457.

ORBOST

ELEV 94

AVFAX CODE 3053

VIC UTC +10 YORB
374725S 1483635E VAR 14 DEG E CERT
AD OPR East Gippsland Shire Council, PO Box 1618, Bairnsdale, VIC, 3875. ARO 0472 796 779: Backup 0438 497 697: Backup (AH) 0447 132 980.
Website: www.eastgippsland.vic.gov.au/building-and-development/aerodromes.



REMARKS

1. H24 CCTV monitoring APN, RWY and terminal building.
2. Australian Border Force security monitored AD.
3. Pin coded gate from APN to terminal, CTC ARO for code.

PASSENGER FACILITIES

RF/WC/LG (H24 CCTV in terminal building)/TX/HC not readily AVBL, CTC 03 5154 2000.

PHYSICAL CHARACTERISTICS

07/25 069 37a 5700 kg/0.45 MPa WID 18 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 07/25 LIRL PAL+AA 121.3 SDBY PWR AVBL

RWY 07/25 edge light spacing: 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: 5 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 124.0 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. CTC ARO for all overnight and HEL PRKG instructions.
2. ACFT OPR ABV published weights and physical characteristics. CTC ARO for pavement concession form.
3. RWS not AVBL for TKOF and landing.

CTAF 126.7

ADDITIONAL INFORMATION

1. AD inspection RQ with 2HR PN, CTC ARO.
2. Increased activity in HEL OPS during summer season for fire EMERG.
3. Ultralight ACFT OPS at AD.
4. AD fully wildlife proof and security fenced.

CHARTS RELATED TO THE AERODROME

1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

ORRORO

ELEV 1354

FULL NOTAM SERVICE NOT AVBL

SA UTC +9:30 YORR

324730S 1384000E VAR 8 DEG E UNCR

AD OPR District Council of Orroroo/Carrieton, PO Box 3, Orroroo, SA, 5431.

Email: council@orroroo.sa.gov.au. PH 08 8658 1260; EMERG 0409 793 884. Fax 08 8658 1434.

REMARKS

1. PPR.
2. AD Charges: NIL.

AERODROME AND APPROACH LIGHTING

PAL FREQ 120.35.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 123.9 4500FT

CTAF 126.7

CHARTS RELATED TO THE AERODROME

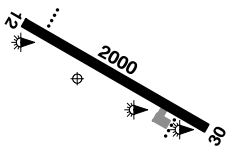
WAC 3458, 3459.

Information may be continued on the next page: PTO

OSBORNE MINE

ELEV 935

AVFAX CODE 4320



QLD UTC +10 YOSB
220454S 1403324E VAR 6 DEG E CERT
AD OPR Chinova Resources (Osborne), GPO Box 2751, Brisbane, QLD, 4001. PH AD Manager 07 4748 0319: Osborne Flights 07 4748 0340.

REMARKS

Restricted OPS. PPR for all OPS.

HANDLING SERVICES AND FACILITIES

JET A1 by prior arrangement with AD Manager.

AERODROME OBSTACLES

HIOL and MIOL - PWR lines on SE APCH.

PHYSICAL CHARACTERISTICS

12/30 126 66a PCR 70/F/B/1.05 MPa/T WID 23 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 12/30	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL
RWY 12/30	PAPI(2)	AFRU+PAL 126.7	3.0 DEG45FT	SDBY PWR AVBL
RWY 12/30	PTBL(1)			BY PRIOR ARRANGEMENT

(1) EMERG only. 90MIN PN. CTC AD Manager.
(2) Left side.
RWY 12/30 edge light spacing: 90M.

OTHER LIGHTING

1. TWY LGT: Blue edge.
2. ABN not AVBL.
3. Secondary PWR switchover time: 30 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	123.95
UNICOM	OSBORNE MINE UNICOM	126.7P (1) 128.8S

(1) All pilots are required to BCST their intentions inbound.

FLIGHT PROCEDURES

All pilots with prior permission are requested to refrain from overflying mine site.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

CAUTION: RPA operations conducted WI 3NM RAD of AD FM ARP up to 400FT AGL.

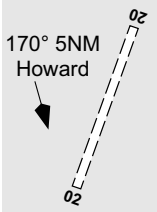
CHARTS RELATED TO THE AERODROME

1. WAC 3233.
2. Also refer to AIP Departure and Approach Procedures.

PACIFIC HAVEN

ELEV 30

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YPAC
251412S 1523236E VAR 10 DEG E UNCR
AD OPR Pacific Haven Airport Pty Ltd, PO Box 41, Howard, QLD, 4659. Email: pacificairpark@outlook.com. Mobile 0408 458 760: 0418 713 267: 0427 062 006.

REMARKS

1. Restricted OPS PPR.
2. Fees apply.

AERODROME OBSTACLES

Unlit TWR (NBN) within the circuit for downwind RWY 20. 150FT AGL BRG 137DEG MAG/1.1NM FM THR RWY 20. PSN 251508.77S 1523318.24E.

PHYSICAL CHARACTERISTICS

RWY 02/20 - Unrated. Sealed. RWY Length 1,000M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	124.1

CTAF 126.7

ADDITIONAL INFORMATION

1. Animal (kangaroos) and bird hazards on APCH RWY 20 and 02.
2. ACFT not permitted on grass areas due to soft surface.

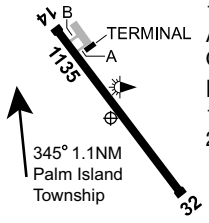
CHARTS RELATED TO THE AERODROME

WAC 3340.

PALM ISLAND

ELEV 30

AVFAX CODE 4421



QLD UTC +10 YPAM
184519S 1463453E VAR 7 DEG E CERT
AD OPR Palm Island Aboriginal Shire Council, Main Street, Palm Island, QLD, 4810. PH 07 4770 1177. ARO on duty 0458 789 464 (H24).

REMARKS

1. AD Charges: All ACFT.
2. Alcohol is restricted on Palm Island. Heavy penalties apply. Special provisions apply for alcohol being transported on consignment, and restrictions may vary from time to time. Further information on alcohol restrictions is available by calling 13 QGOV (13 74 68) or by referring to: https://www.qld.gov.au/firstnations/community-alcohol-restrictions/remote-discrete-communities

HANDLING SERVICES AND FACILITIES

Terminal with WC and disability compliance.

AERODROME OBSTACLES

1. IWI 60FT AMSL BRG 349 DEG MAG 141M FM ARP. Infringes TNS by 16FT.
2. Fences:
   a. 42FT AMSL BRG 324 DEG MAG 385M FM ARP. Infringes TNS by 11FT.
   b. 41FT AMSL BRG 326 DEG MAG 308M FM ARP. Infringes TNS by 6FT.
   c. 27FT AMSL BRG 140 DEG MAG 545M FM ARP. Infringes TNS by 1FT.

Information may be continued on the next page: PTO

3. Trees:
   a. 83FT AMSL BRG 125 DEG MAG 445M FM ARP. Infringes TNS by 24FT.
   b. 88FT AMSL BRG 014 DEG MAG 97M FM ARP. Infringes TNS by 36FT.
   c. 60FT AMSL BRG 140 DEG MAG 545M FM ARP. Infringes TNS by 32FT.
   d. 57FT AMSL BRG 143 DEG MAG 294M FM ARP. Infringes TNS by 24FT.
   e. 64FT AMSL BRG 160 DEG MAG 103M FM ARP. Infringes TNS by 28FT.
   f. 61FT AMSL BRG 308 DEG MAG 291M FM ARP. Infringes TNS by 24FT.
   g. 55FT AMSL BRG 312 DEG MAG 368M FM ARP. Infringes TNS by 17FT.

PHYSICAL CHARACTERISTICS

14/32 136 37a Unrated. Sealed WID 18 RWS 80

AERODROME AND APPROACH LIGHTING

RWY 14/32 LIRL(2)
RWY 14/32 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG only.
(2) LGT manually activated with 60MIN PN, CTC ARO.
RWY 14/32 edge light spacing: 59.95M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	120.55 Circuit area (Outside TL APP/TWR HR)
FIA	TOWNSVILLE APPROACH	126.8 Circuit Area (During TL APP/TWR HR)

LOCAL TRAFFIC REGULATIONS

MID-RWY turns not AVBL for ARR or DEP ACFT turns must be made at THR nodes only. Roll through required EXC for TWY entry or exits.

FLIGHT PROCEDURES

Right Hand CCTS RQ when OPR on RWY 14.

CTAF 126.7

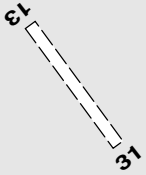
CHARTS RELATED TO THE AERODROME

1. WAC 3219.
2. Also refer to AIP Departure and Approach Procedures.

PAPUNYA

ELEV 2035

FULL NOTAM SERVICE NOT AVBL



NT UTC +9:30 YPAY
231428S 1315425E VAR 4 DEG E UNCR
AD OPR Lyappa Congress, Papunya, via Alice Springs, NT, 0871.
PH 08 8956 8522.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	119.8 FL115

CTAF 126.7

CHARTS RELATED TO THE AERODROME

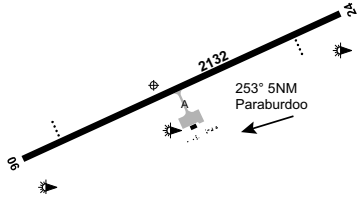
WAC 3231.

PARABURDOO ELEV 1406

AVFAX CODE 6833

WA		UTC +8	YPBO
231016S	1174443E	VAR 1 DEG E	CERT

AD OPR Hamersley Iron Pty Ltd, Level 18, Central Park, 152-158 St Georges Terrace, Perth, WA, 6000. Email: paraairport@amsaustralia.com. PH 0448 561 026. ARO 0447 925 971.



REMARKS

1. MNM 24HR PPR FM AD OPR for all ACFT EXC EMERG ACFT.
2. AD Charges: All ACFT.
3. This AD is a Security Controlled Airport. Security requirements:
   a. ASIC to be worn and clearly displayed when airside.
   b. For enquiries regarding security screening requirements - CTC AD Manager by phone or fax.

HANDLING SERVICES AND FACILITIES

Viva Energy Aviation: Aviation Components 2230-1030 UTC DLY. AH 45MIN PN (call-out fee applies). PH 0417 640 012, JET A1. Fuel2Sky Carnet Cards or credit cards (V and MC). Northwest Aviation Services - Ground Handling Services PH 0419 121 905.

PASSENGER FACILITIES

LG/WC/HC/RF and Telstra 4G reception.

APRONS AND TAXIWAYS

TWY A - Code C, bitumen seal. 15M WID.

AERODROME OBSTACLES

1. Fences:
   a. 1,415FT AMSL 2,346M FM SOT RWY 06.
   b. Perimeter fence unmarked and unlit, both sides of entire length of RWY, 154M FM RWY 06/24 CL. Infringes TNS by up to 0.5M.
2. Masts:
   a. Lit BRG 230DEG MAG 5.7NM FM ARP 2,320FT AMSL.
   b. Unlit BRG 230DEG MAG 5.8NM FM ARP 2,300FT AMSL.
   c. Unlit BRG 231DEG MAG 5.9NM FM ARP 2,177FT AMSL.
   d. Unlit BRG 232DEG MAG 5.9NM FM ARP 2,146FT AMSL.
   e. Radio mast unmarked and unlit 1,460FT AMSL BRG 099DEG MAG 0.31NM FM ARP. Infringes TNS by 25FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS Phone 08 6216 2631 - Report faults to BoM.
3. AWIS 135.6 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

06/24	065	70a	PCR 390/F/C/X/T Grooved		WID 45	RWS 280

AERODROME AND APPROACH LIGHTING

RWY 06/24	LIRL	AFRU+PAL 126.8		SDBY PWR AVBL
RWY 06/24	PAPI(1)	AFRU+PAL 126.8	3.0 DEG52FT	SDBY PWR AVBL
RWY 06/24	PTBL(2)			BY PRIOR ARRANGEMENT

(1) Left side only.
(2) AVBL 120MIN PN.
1. PAL range restricted in some sectors at LSALT.
2. RWY edge light spacing: 60M.

Information may be continued on the next page: PTO

OTHER LIGHTING

1. PAL activation: allow 5 second delay for confirmation of successful activation before re-attempt.
2. TWY LGT: Blue edge.
3. Solar RWY and TWY LED LGT in use. Polycarbonate LGT fittings with solar panel on frangible aluminium mounting.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.7 On Ground

RADIO NAVIGATION AND LANDING AIDS

DME	PBO	116.9/116X	231021.7S	1174412.7E		(1)
NDB	PBO	278	231043.6S	1174433.1E	Range 80 (HN 70)	(2)
VOR	PBO	116.9	231021.4S	1174413.3E		

(1) Antenna ELEV 1384FT.
(2) 018/0.5NM to ARP

LOCAL TRAFFIC REGULATIONS

1. ACFT above 5,700KG to turn at RWY ends only. MAX RAD at MNM speed.
2. All jet ACFT to use idle power for movements on the APN with the exception of breakaway thrust to initiate taxi.
3. A319, A320 and E290 ACFT to use Bay 1A and 2A only, PPR from AD OPR.
4. Bay 1:
   a. AVBL to DH8D and F100.
   b. Dual Lead-out lines marked as 'A' or 'B'.
      (i) ACFT to use lead-out 'A': F100.
      (ii) ACFT to use lead-out 'B': DH8D.
5. Bay 1A:
   a. AVBL to A319, A320 and E290.
   b. Dual Lead-in lines marked as ‘C’ or ‘D’.
      (i) ACFT to use lead-in ‘C’: A319.
      (ii) ACFT to use lead-in ‘D’: A320 and E290.

   Note: If Bay 1A is in use, Bay 1 not AVBL, If Bay 1 is in use Bay 1A not AVBL.
6. Bay 2:
   a. AVBL to DH8D, F100 and E190.
   b. Dual Lead-out lines marked as 'A' or 'B'.
      (i) ACFT to use lead-out 'A': F100.
      (ii) ACFT to use lead-out 'B': DH8D.
7. Bay 2A:
   a. AVBL to A319, A320 and E290.

   Note: If Bay 2A is in use, Bay 2 or 3 not AVBL. If Bay 2 or Bay 3 is in use, Bay 2A not AVBL.
8. Bay 3 AVBL to F100 and PC24.

FLIGHT PROCEDURES

Right hand CCTS RQ when OPR on RWY 24.

CTAF - AFRU 126.8

ADDITIONAL INFORMATION

1. Bird hazard (raptors, Australian bustards and corellas) ARO will disperse for SKED OPS or at pilot request. CTC Paraburdoo ARO via CTAF.
2. Frequent mine blasting with associated dust hazard to 1,000FT AGL, HJ at the following locations:
   a. BRG 152 DEG MAG 9NM FM ARP WI 4NM RAD.
   b. BRG 215 DEG MAG 6NM FM ARP WI 2NM RAD.
   c. BRG 245 DEG MAG 9NM FM ARP WI 3NM RAD.

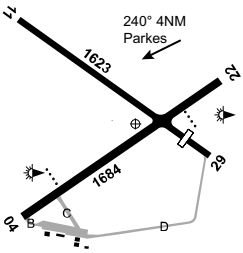
CHARTS RELATED TO THE AERODROME

1. WAC 3229.
2. Also refer to AIP Departure and Approach Procedures.

PARKES

ELEV 1069

AVFAX CODE 2137



NSW UTC +10 YPKS
330753S 1481421E VAR 11 DEG E CERT
AD OPR Parkes Shire Council, PO Box 337, Parkes, NSW, 2870.
ARO 0427 282 062. Council PH 02 6861 2333.
Website: www.parkes.nsw.gov.au.

REMARKS

1. AD Charges: refer to Parkes Shire Website.
2. This AD is a Security Controlled Airport.
3. Parkes Radio Telescope - Aircraft Exclusion Zone exists 1NM radius around and 5,000FT ceiling above the telescope. R525 is 8NM N of Parkes aerodrome.

HANDLING SERVICES AND FACILITIES

Aero Refuellers: H24 AVGAS and JET A1 self-serve bowser accepts Aero Refuellers card, V and MC. JET A1 fuel tanker AVBL. 1 HR PN. PH 0418 634 997. Call out fee may apply.

AERODROME OBSTACLES

1. Lit (LIOL) at the FLW positions:
   a. TWR 1,472FT AMSL BRG 130 MAG 1.07NM FM ARP.
   b. TWR 1,210FT AMSL BRG 206 MAG 2.6NM FM ARP.
   c. TWR 1,466FT AMSL BRG 273 MAG 3.38NM FM ARP.
   d. Hangar 1,070FT AMSL BRG 208 MAG 0.54NM FM ARP.
   e. TWR 1,093FT AMSL BRG 034 MAG 0.27NM FM ARP.
2. Trees:
   a. 1,083FT AMSL BRG 220 DEG MAG 1,605M FM ARP. Infringes RWY 04 APCH Visual Segment Surface (VSS).
   b. 1,079FT AMSL BRG 220 DEG MAG 1,572M FM ARP. Infringes RWY 04 APCH VSS.
   c. 1,076FT AMSL BRG 217 DEG MAG 1,689M FM ARP. Infringes RWY 22 TKOF SFC.
   d. 1,089FT AMSL BRG 224 DEG MAG 1,821M FM ARP. Infringes RWY 22 TKOF SFC.
   e. 1,089FT AMSL BRG 219 DEG MAG 1,701M FM ARP. Infringes RWY 22 TKOF SFC.
   f. 1,085FT AMSL BRG 223 DEG MAG 1,679M FM ARP. Infringes RWY 22 TKOF SFC.
   g. 1,083FT AMSL BRG 218 DEG MAG 1,838M FM ARP. Infringes RWY 22 TKOF SFC.
   h. 1,082FT AMSL BRG 221 DEG MAG 1,644M FM ARP. Infringes RWY 22 TKOF SFC.
   i. 1,080FT AMSL BRG 223 DEG MAG 1,580M FM ARP. Infringes RWY 22 TKOF SFC.
   j. 1,073FT AMSL BRG 223 DEG MAG 1,609M FM ARP. Infringes RWY 22 TKOF SFC.
   k. 1,067FT AMSL BRG 225 DEG MAG 1,576M FM ARP. Infringes RWY 22 TKOF SFC.
   l. 1,058FT AMSL BRG 226 DEG MAG 1,524M FM ARP. Infringes RWY 22 TKOF SFC.
   m. 1,141FT AMSL BRG 051 DEG MAG 1,814M FM ARP. Infringes RWY 04 TKOF SFC.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 02 9353 6446 - Report faults to BoM.
3. AWIS FREQ - 128.55 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

04/22	043	55a	PCR 60/F/C/0.90 MPa/U	WID 30	RWS 150
11/29	113	53a	PCR 20/F/C/0.60 MPa/T	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 04/22	LIRL	PAL+AA 119.6		SDBY PWR AVBL
RWY 04/22	PAPI(1)	PAL+AA 119.6	3.0 DEG48FT	SDBY PWR AVBL
RWY 04/22	RTIL	PAL+AA 119.6		SDBY PWR AVBL

(1) Left side.

1. RWY edge light spacing: 04/22: 60M.
2. RWY edge light width: 04/22: 45M.

Information may be continued on the next page: PTO

OTHER LIGHTING

1. SDBY PWR switchover time: 1 MIN.
2. TWY LGT: Blue edge.
3. SDBY PWR AVBL to TWY and RWY LGT, PAPI IWI, RTIL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	135.25 Circuit Area

RADIO NAVIGATION AND LANDING AIDS

DME	PKS	112.0/ 57X	330752.7S	1481414.9E		(1)
NDB	PKS	242	330842.9S	1481509.4E	Range 70 (HN 70)	(2)
VOR	PKS	112.0	330752.6S	1481414.3E		

(1) Antenna ELEV 1,074FT.
(2) 312/1.1 to ARP.

LOCAL TRAFFIC REGULATIONS

1. Pilots are to make arrangements with ARO for ACFT parking. Markings are provided for RPT services only.
2. RPT entry to RWY 04/22 via TWY B.

FLIGHT PROCEDURES

OPS in VIS less than 800M not supported.

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3456, 3457.
2. Also refer to AIP Departure and Approach Procedures.

PEARCE

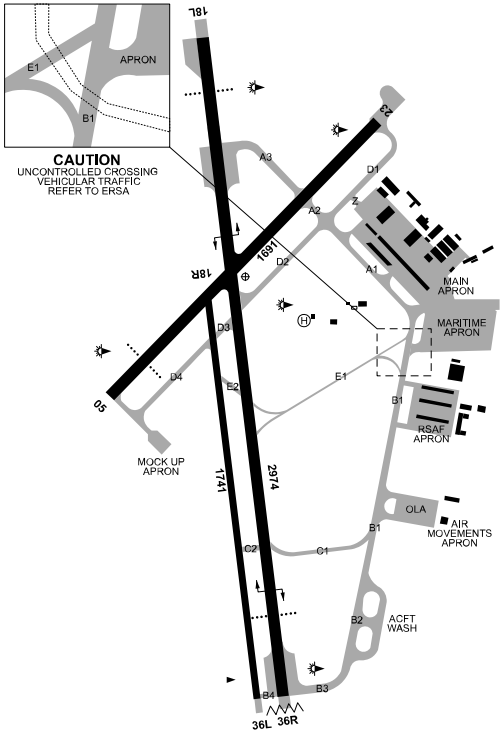
ELEV 150

AVFAX CODE 6006

WA UTC +8 YPEA

314004S 1160054E VAR 2 DEG W MIL

AD OPR RAAF, Airbase Operations Centre - RAAF Base Pearce, Bullsbrook, WA, 6084.
Email: pea.aboc@defence.gov.au. PH 08 9571 7888. Mobile 0419 273 062.



REMARKS

1. 0000-0900 UTC MON-THU; 0000-0700 UTC FRI EXC PH. FAC may be unmanned during promulgated HR. Flight Planning FAC AVBL at Air Movements.
2. Customs, Health and Immigration on 24 HR PN.

HANDLING SERVICES AND FACILITIES

Air movements section available 2330-0830 UTC MON-THU, 2330-0600 FRI EXC PH.
All unscheduled movements require 24HRS PN stating operational and technical requirements.
AMS Phone 08 9571 7542 during working hours, 0417 183 823 after hours.
INBD ACFT RQ AMS assistance CTC “AIR MOVEMENTS PEARCE” on 361.6, 15MIN prior to ETA.
F34, NIL AVGAS held (AVBL with 14 days PN). Refuellers 08 9571 7002 or 0403 341 245.
ACFT crew or SQN maintenance will be required to refuel ACFT as only tanker driver provided.
No liquid oxygen AVBL.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 5 DRG HR of local OPS. OT CAT 4. **24HR PN** RQ for RFFS higher than CAT 4 AH. CTC Fire Watch Room 08 9571 7666.
2. RFFS vehicles carry water and foam. Complementary agent carried is up to 36KG dry chemical powder.
3. RFF MNT Pearce TWR FREQ 118.3 outside ATS HR.

Information may be continued on the next page: PTO

APRONS AND TAXIWAYS

1. Strength/PCR:
   a. Maritime visitors apron PCR 600/C
   b. Air Movements Apron PCR 500/C
   c. Main Apron PCR 500/C
   d. RSAF Apron PCR 130/D
   e. ACFT wash facility, compas swing OLA 2 PCR 600/C
   f. TWY A1, A2, A3, B1, B2, C1 PCR 600/C
   g. TWY D1, D2, D3, D4 PCR 500/C
   h. TWY E1, E2 PCR 55/C
2. CAUTION:
   a. ACFT with wingspan greater than 90FT are not to taxi BTN hangars and Hawk carports on Main Apron.
   b. TWY E 30FT wide. No shoulders. Unlit. RESTRICTION: Not AVBL to ACFT ABV 3,300KG or to ACFT ABV 690kPa tyre pressure.
   c. TWY D4 HLDG point lights ADJ to RWY 18R/36L are not coincident with the HLDG point lines. HLDG point lights are correctly LCA outside the RWY strip.

AERODROME OBSTACLES

Various OBST infringing OLS. CTC AD OPR for details.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI, TAF3 AVBL during MO HR, AD WRNG and WS WRNG during MO HR only.
2. AWIS Phone 08 6216 2632 - Report faults to BoM.
3. AWIS FREQ 316.1 - Report faults to 0409 098 925.
4. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM Defence MO 08 9571 7125 when staffed. AH AVBL FM MWO 08 9263 2255.

PHYSICAL CHARACTERISTICS

05/23	046	55a	PCR 500/F/C/X/T C130	WID 45	RWS 230
18L/36R	175	98a	PCR 600/F/C/X/T C5A	WID 45	RWS 230
18R/36L	175	57a	PCR 130/F/C/1.00 MPa/U	WID 30	

1. RWY 18R/36L AVBL to ACFT BLW 5,700KG.
2. DIST to run marker boards left hand side only RWY 05/23. No 2,000FT DIST to run marker L side of RWY 36.
3. RWY 23, non-controlled vehicular TFC WI 1,000FT FM NE end of RWY THR. Building and trees 180FT to 220FT AGL WI S side of APCH plane to RWY 23.
4. RWY 18L nil RESA AVBL due M34B Barrier System infrastructure infringement.

ARRESTING GEAR

RWY 18L	--------	M34B (R) 30 (100) OVRN	RWY 36R

1. BAK 12/14 Hookcable system removed (arrester not AVBL). Arrester infrastructure (steel sheave/CONC Kerb) in place 1FT high ADJ RWY edge LOC 400M (1,312FT) FM THR 18L and 460M (1,509FT) FM THR RWY 36R. Marked by yellow discs.
2. Routine servicing for M34B Arrester System:
   MON-THU - 2200-2330 UTC
   FRI - 2200-2345 UTC
   WAE will require 15 MIN notice to vacate RWY.
3. M34B arrester equipped with FLG R lights LCA either side of barrier. If lights are VIS on final, APCH LDG is being attempted over a raised barrier.
4. M34B arrester system is only made AVBL on request (24HR PN), and operated when TWR is active.

AERODROME AND APPROACH LIGHTING

RWY 05/23	MIRL		SDBY PWR AVBL
RWY 05/23	PTBL(1)		
RWY 05	PAPI	3.0 DEG39.3FT	SDBY PWR AVBL
RWY 18L/36R	MIRL		SDBY PWR AVBL
RWY 18L/36R	PTBL(1)		
RWY 18L	PAPI(2)	3.0 DEG47FT	SDBY PWR AVBL
RWY 36R	PAPI(2)	3.0 DEG68FT	SDBY PWR AVBL

(1) Electric. 15MIN PN.
(2) Aligned with ILS GP.
1. AD LGT intensity fixed and cannot be varied when tower is not ACT.
2. Handheld LGT signal FM TWR not AVBL for ACFT tracking straight in RWY 36L and 36R due new control TWR.
3. New ATC TWR not commissioned. Observe old ATC TWR for handheld LGT signals in case of COM failure.
4. RWY 05/23 THR end LGT visible FM 150M at 3M eye height. This is a known non-compliance as it does not meet the 600M at 3M eye height standard.
5. RWY 18L/36R edge light spacing: 60M.
6. 15 SEC switchover period during PWR outage for SDBY PWR.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	PERTH CENTRE		135.25 On Ground (Outside PEA TWR HR)
ACC	PEARCE CENTRE	(1)	123.3 (2) 135.9 (8) 243.0 (5) 285.55 (9)
ACC/RSR	MELBOURNE CENTRE		125.2 133.9
ACD	PEARCE DELIVERY		134.1
APP	PEARCE APPROACH		130.2 243.0 (5)
APP	PERTH APPROACH		123.6 132.95
ATIS	PEARCE	(4)	136.4 316.1 340
DEP	PERTH DEPARTURES		118.7
SMC	PEARCE GROUND		127.25 (7)
SMCV	PEARCE GROUND		121.6 (7)
TWR	PEARCE TOWER	(3)	118.3 243.0 (5) 257.8 340 (6)

(1) OPS in D193 will be ADZ on REQ by Pearce Centre 135.9, COM and ATC workload permitting.
(2) MIL JET OPS in D198 will be ADZ on REQ by Pearce Centre 123.3, COM and ATC workload permitting. Retransmit FAC exists BTN FLW FREQ 123.3/135.9/285.55, when concentrated on CENTRE 123.3.
(3) Automatic retransmit FAC exists BTN FLW FREQ: 118.3/257.8
(4) ATIS BCST 136.4 316.1 DRG ATS HR. AWIS OT. ATIS AVBL H24 phone 08 9570 2257. AWIS AVBL H24 phone 08 6216 2632.
(5) EMERG FREQ guarded.
(6) Transmits voice on NDB to ACFT with COM failure.
(7) Automatic retransmit FAC exists BTN 127.25/121.6.
(8) Retransmit FAC exists BTN FLW FREQ 123.3/135.9/285.55, when concentrated on CENTRE 123.3.
(9) Ocean RNP OPS.
1. General ATC enquiries email pea44wg.aprspr@defence.gov.au or phone 08 9476 8513. Time critical ATC enquiries phone 08 9476 8622.
2. MIL radar OPR at 346 DEG MAG 17NM FM Pearce ARP. Possible avionics interruptions or errors WI 150M of radar BLW 1,300FT AMSL.
3. For ACFT ARR and DEP YPEA AH, a portion of R155A may be activated by NOTAM. AFIS is provided in this TRA. This service requires MNM 7 days notice via email: pea.aboc@defence.gov.au. Always check ATIS 316.1, PEA NDB 340, PH Centre 135.25 or ATC for status of airspace prior to entry.

Information may be continued on the next page: PTO

RADIO NAVIGATION AND LANDING AIDS

DME	IPC	111.9/ 56X (RWY36R)	314051.8S	1160104.3E		(4)
GP	IPC	331.1 (RWY36R)	314051.8S	1160104.3E		
ILS	IPC	111.9 (RWY36R)	313917.3S	1160045.8E		
LOC	IPC	111.9 (RWY36R)	313917.3S	1160045.8E		
DME	IPE	110.7/ 44X (RWY18L)	313937.9S	1160043.1E		(5)
GP	IPE	330.2 (RWY18L)	313937.9S	1160043.1E		
ILS	IPE	110.7 (RWY18L)	314112.6S	1160101.1E		(3)
LOC	IPE	110.7 (RWY18L)	314112.6S	1160101.1E		
NDB	PEA	340	313915.8S	1160108.1E	Range 100 (HN 75)	(1)
TAC	PEA	112.8/ 75X	314026.0S	1160103.0E		(2)

(1) ATIS and voice AVBL for EMERG use only - 197/0.8 to ARP - Antenna ELEV 144FT.

(2) 343/0.39 to PEARCE ARP, 329/14.79 to GINGIN ARP - LIMITATION: Reception unreliable BTN 020-150 BLW 12000FT due to terrain shielding and signal reflections. Range and BRG unlocks 325 to 350 at 35NM and at 45NM BTN 3000-4000FT. Limited due BRG oscillations of up to +/- 6 DEG BTN 35NM and 45NM at 2600FT on 190 radial. SUBJ INTRP cone of silence 067 DEG instead of 060 DEG. Information loss may be longer than expected.

(3) ILS Critical Area not protected outside TWR HR.

(4) Antenna ELEV 138FT.

(5) Antenna ELEV 133FT.

All NAVAIDS Pilot monitored outside TWR HR.

LOCAL TRAFFIC REGULATIONS

1. Locally briefed MIL ACFT operating IFR will be separated from other IFR ACFT and be provided with a SIS on VFR ACFT.
2. C17 or larger ACFT DEP RWY 18L/36R, request line-up at least 200FT FM THR to minimise effects on arrestor nets.
3. **ILS TRAINING - CIVIL ACFT**

   RWY 18 ILS is AVBL for training outside TWR HR. The following limitations apply:
   a. All NOTAMs for Pearce must be obtained at the planning stage immediately prior to DEP;
   b. The procedure including the overshoot must be conducted in Class G airspace.
   c. AVBL in VMC by day.
   d. SUBJ approval of Pearce TWR if a portion of R155A is active AH.
   e. Full stop and touch and go landings are not permitted, unless prior authorisation has been obtained from Pearce OPSCOORD1; and
   f. Landing, Strobe and NAV lights are to be on whilst carrying out approaches at all times.

   Caution: The procedure is close to the Perth CTR. The published missed approach procedure must not be used as it infringes controlled airspace. Pilots must conduct a visual missed approach ensuring that the aircraft remains north of the PH CTR and below the overlying CTA at all times.
4. **OPERATIONAL READINESS PLATFORMS (ORP)**
   a. ORP WI RWS E and W of THR RWY 36R may contain vehicles or MIL ACFT at any time. ACFT/vehicles in ORP will be no closer than 8M FM RWY edge. ACFT with wingspan of 40.5M (133FT) or less permitted to TKOF and land with ORP in use. TWR will advise visiting arriving ACFT through the phraseology “Approach or departure end ORP in use”. Visiting departing ACFT will be advised that the DEP end ORP is in use. ACFT captains may refuse to use the RWY until ORP is vacated. In such instances delays can be expected.
   b. Northern ORP E and W not AVBL. Southern ORP AVBL - dimensions 565FT x 150FT.
   c. ORP not AVBL when CIV ACFT occupy RWS 18/36.

5. All known heavy (wake turbulence category) ACFT movements requiring reversing to gain maximum length must be notified to ABOC on (08) 9571 7888. This should be done as soon as practicable to facilitate removal and prevent damage to barrier nets.
6. Outside TWR HR: ACFT taxiing from AIR MOVEMENTS must taxi for DEP via TWY B and A to RWY 18 or via TWY B, A and D to backtrack for RWY 36. All other ACFT must taxi for DEP via TWY D to backtrack RWY 36 and via TWY C to backtrack RWY 18.
7. RWY 05/23 ARR and DEP not AVBL when ACFT above Code C (Wingspan 36M) OPR on TWY D due RWS infringement.

FLIGHT PROCEDURES

1. Right hand circuits RQ when OPR on RWY 18 or 23.
2. **ATC TRAFFIC MANAGEMENT SPEED**
   When **not** on a SID or STAR (including vectoring) - ACFT ARR or DEP PE via Class C airspace must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.
3. **PEARCE PARALLEL RWY POLICY**
   Parallel RWY OPS are to cease while a non-local aircraft is occupying the RWS 18/36.
4. **NON-LOCAL AIRCRAFT ARR AND DEP**
   a. 15 MIN holding fuel RQ for visiting ACFT ARR at Pearce.
   b. All visiting ACFT are to PLN via Perth for ARR and DEP. ARR - Expect STAR with vectors for Pearce WI 10DME Perth. DEP - on CLR issue expect tracking via Perth TFC Management RTE. Tracking is dependent on RWY in use at Perth.
   c. **REJOINS**. The preferred APCH for visiting ACFT (including fast jets) is via base leg or 5NM straight-in final to the duty RWY. ACFT rejoining via initial are to restrict speed to not ABV 350KT IAS.
5. **MILITARY AIRSPACE - ACCESS PROCEDURES**

5.1. Access to MIL airspace is available as follows:
Non pressurised flights 5,000FT and BLW (levels up to 10,000FT may be available on request) may plan to transit R156/R163/M166/M171A via a track established on W14 route from OTKUN (YRTI) - UPTEK - BUVEL (YJUR) or reverse. All ACFT planning this route are to be equipped with a serviceable transponder. A Class D radar service will be provided by Pearce ATC on this route. If M147 is active, ACFT are to plan via the following diversion routes:
   a. IFR ACFT are to plan UPTEK - OTLED - OPONA - BUVEL or reverse.
   b. VFR ACFT are to plan UPTEK - LANC - YCVS - BUVEL (YJUR) or reverse, and track via VFR route 1 or 2 as appropriate.
   c. ACFT can expect to transit at 4,000FT and below in Class G airspace (levels up to 10,000FT may be AVBL on request and provided with a Class C radar service).

5.2. Flights other than those wishing to track via the transit areas are to obtain prior authority as FLWS:
   a. VFR operators wishing to transit PEA restricted areas are to contact PEA ATC at least 10MIN prior to the restricted area boundary and request clearance. The availability of the clearance will be determined by MIL flying activity. Clearance to transit R155AB will not normally be available.
   b. Tracking via the COT is AVBL outside of Pearce Restricted Areas.
   c. Separation will be provided for VFR flights in Pearce Restricted Areas in accordance with a Class C radar service.
   d. ACFT wishing to operate in PEA Restricted Areas during normal PEA OPR HR are required to obtain prior authority by telephoning Approach Supervisor (08 9476 8622) not later than 0700 UTC on the last normal working day prior to the activity.

Note: Authority to OPR WI these areas does NOT constitute an AWY Clearance. SPECIFIC AWY Clearance for individual flights must be obtained prior to OPR WI these areas.

Information may be continued on the next page: PTO

6. **ATC CLEARANCES TO OPERATE IN CTA/R**
   a. If active, contact Pearce APP 130.2 MHz for entry into R153A-D, R155AB, R156, M171AB, M166, R163, M170AB, M182A-G and M161 at least 10NM prior to training area entry point to confirm flight details and obtain clearance.
   b. **Survey/Photography Aircraft**
   ACFT requesting to conduct survey or photography work within PEA restricted airspace are to email a survey map detailing: area of operation(s), date(s), time(s), level(s), flight category, ACFT type and registration. File size should be kept to a minimum, APRX 2MB in size. Email requests to Pearce Approach Supervisor: pea44wg.aprspr@defence.gov.au. With a minimum of 48HR PN to avoid denial of airborne clearances.
7. **REMOTELY PILOTED AIRCRAFT SYSTEMS (RPAS)**
   a. All RPAS requests are to be emailed to: pearce.rpas@defence.gov.au.
   b. A minimum of 7 days notice is required. Approval subject to nature and location of flight, ATC workload and MIL traffic.
   c. The following information shall be provided in the request email:
      (i) Date (with alternate if applicable).
      (ii) Time.

   Note: That requests for operations outside airfield hours have a higher chance of being approved.
      (iii) RPAS type, weight, and brief description (required for NOTAM).
      (iv) Operating height.
      (v) Area of operations, including LAT/LONG. Include a map or screenshot where possible.
      (vi) Operator certificate.
      (vii) Contact details including a primary and secondary contact.
   d. ATC approval of operation does not constitute approval for photography of any defence installation. CTC ABOC 08 9571 7888 for photographic approval.
8. **AIR TRAFFIC SERVICES**
   a. Class D ATS provided to state ACFT and AUTH CIV ACFT within Pearce RA and CTR.
   b. Other ACFT receive class C ATS with respect to all ACFT in Pearce RA. Class C VMC applies for all ACFT in Pearce RA, excluding Pearce and Gingin circuit area where class D VMC applies to MIL and AUTH CIV ACFT.
9. **OUTSIDE TWR HR**
   a. Aircrew OPR FM Pearce AH are to notify Fire Section on phone 08 9571 7666 to advise EOBT/ETA and for ACT of AD LGT if required. Airborne ACFT must CTC “Base Fire” on TWR FREQ 118.3 to advise accurate ETA 20MIN BFR ARR.
   b. Flights planned to enter PH CTR/CTA must contact Perth centre 135.25 for clearance.

CTAF - AFRU 118.3
Outside TWR HR.

ADDITIONAL INFORMATION

1. Civil Pearce Flying Club OPR from Greenside AD APRX PEARCE 337/8.9NM (313148S 1155648E), APRX 4NM north of Muchea township outside TWR HR. Greenside AD circuit ACFT MNT 118.3 and 135.25.
2. RWY 23 THR may be occupied by ACFT conducting compass swings H24.
3. Visiting MIL aircrew planning to OPR FM Pearce CTC Air Operations Coordinator on 08 9571 7004, 0417 181 456, Fax 08 9571 7457 or pea.airopscoord@defence.gov.au prior to or on ARR at Pearce.
4. Model ACFT OPR FM PSN 314430.00S 1160236.00E (APRX 4.8NM SSE of AD), may be active outside TWR HR JF in VMC up to 1,000FT AGL.
5. Model ACFT may OPR WI 500M of PSN 313630.85S 1154713.48E (APRX 13NM WNW of AD) up to 400FT AGL during periods of R155A activation. Outside of TWR HR model ACFT may OPR up to 1,500FT AGL HJ.
6. Animal hazard exists. Increased kangaroo and bird hazard (corella) in VCY of AD BTN 0800 - 0900 UTC in addition to dawn and pre dusk.

7. Caution:
   a. RWY sweeper and barrier crew may be OPR AD.
   b. Due to terrain shielding taxiing ACFT and/or ground vehicles operating at one end of the airfield cannot hear taxiing ACFT and/or ground vehicles operating at the other end on the CTAF.
   c. Uncontrolled Intersection: TWY B1 and TWY E1 intersect with a vehicle access road. Carriage of a radio is not required by vehicles crossing at this INT. Watch for vehicles approaching FM both sides. Exercise caution during CTAF HR and during periods of low VIS
8. An airfield inspection service can be requested from ARFF on the CTAF if required to establish the presence of other operators. ACFT with multiple antennae must use upper antennae in preference.
9. ACFT wash facility AVBL for select MIL ACFT only. CTC PEA ABOC PH: (08) 9571 7888 for activation instructions.

CHARTS RELATED TO THE AERODROME

1. WAC 3351, 3462.
2. MIL Aerodrome Obstruction Chart Type A: DEC 2024.
3. Also refer to AIP Departure and Approach Procedures.

PENFIELD

ELEV 1150

FULL NOTAM SERVICE NOT AVBL

VIC		UTC +10	YPEF
373048S	1444154E	VAR 12 DEG E	UNCR

AD OPR Penfield Enterprises Pty Ltd, 295 Settlement Road, Sunbury, VIC, 3429. PH AD Owners 0418 373 246.

REMARKS

1. Private airfield, PPR CTC owner or manager 0418 373 246 or 0417 381 551.
2. Radio is mandatory and must be used.
3. After several days of heavy rain, contact AD MGR for RWY condition.
4. Twin engine ACFT by approval of owner.
5. Landing and overnight PRKG fees apply - all ACFT.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL.

PASSENGER FACILITIES

WC.

AERODROME OBSTACLES

1. Pine trees in TKOF splay RWY 36 and on APCH to RWY 18.
2. Concrete traffic bollards across the end of RWY 18, at the end of the over run area.

PHYSICAL CHARACTERISTICS

15/33	25c	Unrated. Grass. RWY LEN 750M.	WID 30	RWS 45
18/36	40c	Unrated. Grass. RWY LEN 1,230M.	WID 30	RWS 45

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	135.7 On Ground

LOCAL TRAFFIC REGULATIONS

1. TKOF from RWY ends (noise abatement) except for TGL.
2. Use taxiways for RWY 18/36 and RWY 15.
3. For RWY 33 taxi via taxiway for RWY 18 heading to the intersection, then backtrack RWY 33.
4. Precautionary search training not permitted. Noise abatement.
5. All ACFT must park facing W on flight line. Entry is E of flight line and egress W of flight line.
6. Overnight PRKG AVBL.

Information may be continued on the next page: PTO

FLIGHT PROCEDURES

1. All CCTS to the W at 2,000FT AMSL and W of Riddell Road.
2. Ultra-light ACFT (MAX 55KTS) CCTS to the W but E of Riddell Road.
3. Do not overfly pine forest W of RWY intersection below 1,700FT AMSL. Paintball may be in progress.
4. Straight in approaches or base joins not permitted.

CTAF 121.6

ADDITIONAL INFORMATION

1. Airfield used for ab Initio training. Students may be operating in solo CCTS.
2. CAUTION: Note close proximity of CTA (S, E and above 2,500FT AMSL also Riddell Creek Airport 2.2NM N with CCTS to E.
3. Birds in the VCY of AD and RWY.

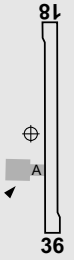
CHARTS RELATED TO THE AERODROME

WAC 3469, 3470.

PENNY

ELEV 1563

FULL NOTAM SERVICE NOT AVBL



WA		UTC +8	YPEN
284942S	1184948E	VAR 0 DEG E	UNCR

AD OPR Penny Operations Pty Ltd, Level 13, 58 Mounts Bay Road, Perth, WA 6000. PO Box 2714, Cloisters Square PO, WA, 6850.
Email: abhishekkumar@rameliusresources.com.au. PH ARO/AD MGR 0455 555 306 H24. PH 08 9940 3777. Website: www.rameliusresources.com.au.

REMARKS

1. PPR.
2. HJ only.

HANDLING SERVICES AND FACILITIES

Parking allocation and ground handling services by prior arrangement with AD MGR.

APRONS AND TAXIWAYS

1. TWY A unrated. Gravel. WID 15M.
2. APN unrated. Gravel.

PHYSICAL CHARACTERISTICS

18/36	59c	PCR 90/F/B/1.57 MPa/T Gravel. RWY LEN 1,800M. Slope 0.24% down to N.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 18/36 PTBL(1) BY PRIOR ARRANGEMENT

(1) E-Flares for emergencies only. 90 MIN PN.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 124.8

LOCAL TRAFFIC REGULATIONS

1. All fixed wing must make MAX RAD turns at MNM speed at turn pads to avoid SFC damage.
2. All ACFT to use idle power for movements on the APN with the exception of breakaway thrust to initiate taxi.
3. RWS not available for flight operations.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3351.

PERCH PLATFORM

ELEV 80

AVFAX CODE 9710

FULL NOTAM SERVICE NOT AVBL

VIC		UTC +10	YUPE
383409S	1471921E	VAR 13 DEG E	UNCR

AD OPR ESSO Australia Pty Ltd., Garretts Road, Longford, VIC, 3851. PH 03 5143 4200.

REMARKS
1. Offshore oil and gas platform.
2. CASA approved operators only.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 124.0

CTAF 129.75

ADDITIONAL INFORMATION
Perch Platform is part of the Bass Strait maritime security zone.

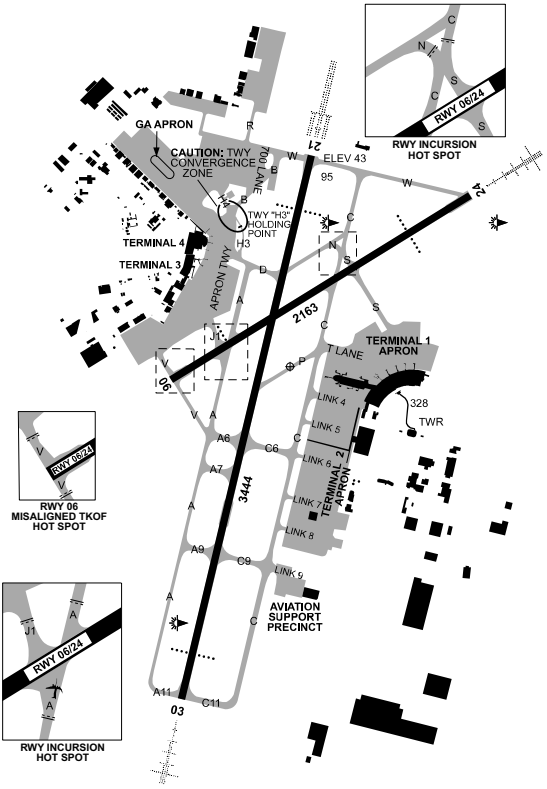
CHARTS RELATED TO THE AERODROME
1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

PERTH — ELEV 67

AVFAX CODE 6001

WA UTC +8 YPPH
315625S 1155801E VAR 2 DEG W CERT

AD OPR Perth Airport Pty Ltd, PO Box 6, Cloverdale, WA, 6105. Email: adm@perthairport.com.au.
PH 08 9478 8888. ARO Airfield Duty Manager 08 9478 8424: 0419 195 790 H24.
Fax 08 9478 8428. Website: www.perthairport.com.au.



REMARKS
1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport.
3. Follow me service AVBL on REQ to ATC.

Information may be continued on the next page: PTO

HANDLING SERVICES AND FACILITIES

AIR BP: H24 Phone: 08 9478 9898, 0400 205 728. JET A1, F34, AVGAS. AIR BP carnet.
Viva Energy Aviation: 0400-0100 Local DLY. Phone 08 9277 2800, 0409 205 046,
Fax 08 9478 2280. JET A1. Fuel2Sky Carnet cards.
Revesco Aviation: FBO services and VIP lounge H24. Civil and MIL ACFT, customs/AQIS with PN, fuel sales & ENG support on request. Phone: OPS H24 +61 8 9321 4455,
Email: fbo@revescoaviation.com.au, VHF: 129.6 callsign 'Revesco Aviation'.
Airflite: FBO services, ground handling, lounge, fuel sales and hangar facilities. PVT ACFT. OPS H24. Phone 0487 818 599 or 08 9478 9087. Email: perthops@airflite.com.au.
Website: www.airflite.com.au.
GA and itinerant operators must appoint a ground handling agent 48HR prior to OPR at Perth.
Limited power out OPS AVBL to general aviation. Refer to:
www.perthairport.com.au/Home/corporate/work-with-us/operating-at-perth-airport/aeronautical-charges.

General

The AD OPR does not provide ACFT marshalling services. Where ACFT marshalling is required, the pilot should confirm arrangements with Ground Handlers prior to landing.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 9 H24.
2. 131.0 MHz AVBL H24.

AERODROME OBSTACLES

1. Antenna 144FT AMSL, BRG 035 DEG MAG 0.78NM FM ARP, infringing TNS.
2. RWY 06/24 TNS may be infringed by ACFT tails parked on Bays 901-904 by MAX 5.75M.
3. Lit (LIOL) and marked TWR at positions:
   a. Control TWR 328FT AMSL, PSN 315636.33S 1155830.44E.
   b. Western PWR TWR 1,191FT AMSL, PSN 315907.15S 1160404.30E.
   c. Optus TWR 282FT AMSL, PSN 315816.48S 1155949.35E.
   d. 6IX TWR 266FT AMSL, PSN 315605.06S 1155456.01E.
4. Lit BLDG:
   a. Central Park Building (Rio Tinto) 859FT AMSL, PSN 315713.55S 1155119.94E.
   b. Palace Tower (Bank West) 813FT AMSL, PSN 315716.17S 1155125.38E.
   c. EQ West (Elizabeth Quay) 614FT AMSL, PSN 315730.98S 1155118.47E.
5. Lit (HIOL HJ and MIOL HN) and marked TV 10 TWR 1,654FT AMSL, PSN 320045.39S 1160342.10E.
6. Lit (MIOL) and marked TWR at positions:
   a. Broadcast ABW 2 TWR marked 1,594FT AMSL, PSN 320038.63S 1160504.27E.
   b. TV 7 TWR 1,598FT AMSL, PSN 320030.02S 1160503.10E.
7. Unmarked floodlight poles ranging BTN 117FT AMSL and 140FT AMSL. Infringing RWY 06/24 TNS by MAX 21FT:
   a. Bays 901-911, in a line centred at PSN 315618.2S 1155731.0E
   b. Bay 915, in a line centred at PSN 315613.5S 1155746.2E
8. Crane:
   a. 639FT AMSL PSN 315701.0S 1155117.0E. Infringes outer HZS by 85FT.
   b. 595FT AMSL PSN 315650.8S 1155109.7E. Infringes outer HZS by 41FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, TAF3 H24, AD WRNG, WS WRNG.
2. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM MWO 08 9263 2255.
3. AWIS PH 08 6216 2633 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

03/21	016	113a	PCR 700/F/A/1.70 MPa/T Grooved	WID 45	RWS 300
06/24	061	71a	PCR 700/F/A/1.70 MPa/T Grooved	WID 45	RWS 300

1. All RWY ends ungrooved start of TKOF through to 100M.
2. RWY 03/21 transitional SFC infringed W side 300M FM RWY 03 THR. OBST is illuminated WDI 94FT AMSL.

AERODROME AND APPROACH LIGHTING

RWY 03/21	HIRL		SDBY PWR AVBL
RWY 03/21	MIRL		SDBY PWR AVBL
RWY 03/21	PAPI(2)	3.0 DEG71FT	SDBY PWR AVBL
RWY 03/21	RCLL(1)		SDBY PWR AVBL
RWY 03	HIAL-CAT I		SDBY PWR AVBL
RWY 21	HIAL-CAT III(4)		SDBY PWR AVBL
RWY 21	RTZL		SDBY PWR AVBL
RWY 06/24	HIRL		SDBY PWR AVBL
RWY 06/24	MIRL		SDBY PWR AVBL
RWY 06	PAPI(3)	3.0 DEG64FT	SDBY PWR AVBL
RWY 24	HIAL-CAT I		SDBY PWR AVBL
RWY 24	PAPI(2)	3.0 DEG71FT	SDBY PWR AVBL

(1) 15M spacing.
(2) Both sides and coincide with RWY Aim Point Markings.
(3) Left side only and coincide with RWY Aim Point Markings.
(4) Associated SFL 600M.

1. **ALS type and length**
   a. RWY 21 - HIAL ASFL III barrette CL: 900M.
   b. RWY 24 - distance coded CL: 900M.
   c. RWY 03 - distance coded CL: 900M.
2. RWY edge light spacing: 03/21: 60M; 06/24: 60M.
3. Stop Bars and RGL at all RWY/TWY INT.

OTHER LIGHTING

TWY LGT: Green CL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	PERTH CENTRE		135.25 (4)
ACD	PERTH DELIVERY		118.55 (5)
APP	PERTH APPROACH		123.6 132.95
ATIS	PERTH	(2)	113.7 (3) 123.8
DEP	PERTH DEPARTURES		118.7
SMC	PERTH GROUND		121.7 (6) 122.2 (7)
TWR	PERTH TOWER		127.4
VOLMET	AUSTRALIA		6676 (1) 11387 (1)

(1) H24, BCST 00 - 05 & 30 - 35. Refer AIP GEN 3.5.
(2) ATIS AVBL H24 via telephone 08 9476 8800.
(3) Perth VOR.
(4) Call for ATC Clearances for DEP HLS/ALA WI Perth CTR or Pearce AD (when Pearce deactivated) or IFR/VFR by night DEP Jandakot directly into Perth CTA/CTR. VFR ACFT intending to enter PH TMA CTA/CTR areas call this FREQ with flight details prior to requesting ATC clearance (see Special Procedures section).
(5) Call for ATC Clearances for DEP FM Perth AD.
(6) W of RWY 03/21.
(7) E of RWY 03/21.

Information may be continued on the next page: PTO

RADIO NAVIGATION AND LANDING AIDS

DME	IGD	109.5/ 32X (RWY21)	315553.0S	1155809.8E	(7)
GP	IGD	332.6 (RWY21)	315553.0S	1155809.5E	(9)
ILS	IGD	109.5 (RWY21)	315742.9S	1155731.6E	(2)
LOC	IGD	109.5 (RWY21)	315742.9S	1155731.6E	
DME	IPH	109.9/ 36X (RWY24)	315601.1S	1155836.9E	(8)
GP	IPH	333.8 (RWY24)	315600.7S	1155836.6E	
ILS	IPH	109.9 (RWY24)	315631.9S	1155724.6E	(5)
LOC	IPH	109.9 (RWY24)	315631.9S	1155724.6E	
DME	IPN	110.1/ 38X (RWY03)	315722.0S	1155742.6E	(4)
GP	IPN	334.4 (RWY03)	315721.9S	1155742.3E	(10)
ILS	IPN	110.1 (RWY03)	315533.5S	1155809.2E	(6)
LOC	IPN	110.1 (RWY03)	315533.5S	1155809.2E	
DME	PH	113.7/ 84X	315642.2S	1155734.4E	(3)
VOR	PH	113.7	315642.2S	1155733.2E	(1)

(1) Voice AVBL for EMERG use.
(2) TCH 50FT. Close proximity to PEA ILS. ILS RWY 21 Performance Classification III/E/4.
(3) Antenna ELEV 84FT.
(4) Antenna ELEV 75FT.
(5) Close proximity to PEA ILS. TCH 51FT.
(6) TCH 50FT, ILS RWY 03 Performance Classification I/T/1.
(7) Antenna ELEV 61FT.
(8) Antenna ELEV 72FT.
(9) Caution GP false indications due ACFT lining up from the East TWY W.
(10) Caution GP false indications due ACFT lining up from TWY C11.

LOCAL TRAFFIC REGULATIONS

1. **RUNWAY INCURSION HOT SPOTS**
   a. TWY J1 and A due ACFT slow to vacate RWY 24 after misidentifying exit, intersection complexity and distance of holding points from RWY.
   b. TWY C, N and S due intersection complexity and distance of holding points from RWY.
2. **RUNWAY MISALIGNED TAKEOFF HOT SPOTS**
   a. When lining up on RWY 06 from TWY V (from the north or south), ensure the aircraft is on the runway centreline to prevent misaligned TKOF due wider runway end. RWY 06 has no centreline lights.
3. **TAXIWAY AND APRON RESTRICTIONS**
   a. ACFT 19,000KG/24M MAX wingspan and BLW
      (i) GA Taxilane.
   b. Code C ACFT and BLW (50,000KG MTOW) and E-190.
      (i) TWY W west of TWY R and W Lane.
   c. Code C ACFT and BLW
      (i) Intermediate hold point of TWY A6;
      (ii) Link 4 BTN Bay 146 and Bay 202;
      (iii) Link 1, 2, 5, 6, 7, 8 and 9;
      (iv) Terminal 3 Taxilane;
      (v) TWY C and TWY W for RWY 24 behind Code E ACFT or ABV at Holding Point for RWY 21;
      (vi) Via TWY C, TWY S and TWY N intersection when ACFT holding on TWY C or TWY N short of RWY 06/24;
      (vii) TWY R, TWY H4, Hotel Lane and 500 Lane.
   d. Code C ACFT and BLW (except A321)
      (i) TWY H3;
      (ii) Link 3.
   e. ACFT A330 and BLW
      (i) Link 4 BTN TWY C and Bay 147;
      (ii) Intermediate hold point of TWY D BTN RWY 03/21 and TWY A.

f. Code E ACFT and BLW
   (i) APN TWY BTN TWY B and V;
   (ii) TWY V BTN RWY 06/24 and APN TWY;
   (iii) TWY D, B, A and J1;
   (iv) Terminal 1 APN taxilane BTN Bay 154 and 156.

4. **TURNING LIMITATIONS**
   a. A332, Code C ACFT and BLW
      (i) Left turn FM TWY J1 to APN TWY;
      (ii) Right turn to TWY J1 FM APN TWY.
   b. Code C ACFT and BLW
      (i) Exit RWY 21 left via TWY P HJ only.
   c. 5,700KG MTOW and BLW due to no turn fillets
      (i) Exit RWY 06 left into TWY S;
      (ii) Exit RWY 21 left into TWY N;
      (iii) Exit RWY 24 right into TWY C.
   d. Code C ACFT and BLW except A321
      (i) Left turn FM TWY H3 via TWY B to southbound on APN TWY (and this RTE in reverse) HJ only;
      (ii) Right turn FM TWY H3 via TWY D to northbound on APN TWY (and this RTE in reverse) HJ only.
   e. Pilots to exercise caution and apply judgemental oversteer when negotiating TWY intersections at Central Domestic Apron and at 900 Lane/TWY J1.

5. **TWY/TAXILANE INFRINGEMENTS**
   a. Taxilane W by pushback from Bay 601.
   b. TWY W by pushback from Bay 701.
   c. TWY B by pushback and tow forward from Bay 703.
   d. Link 2 by pushback from Bay 7.
   e. TWY H4 by pushback from Bay 604.
   f. Terminal 3 APN TWY BTN Bay 911 and Bay 915 infringed when ACFT holding Northbound on TWY J1. Terminal 3 APN TWY BTN Bay 911 and Bay 915 reduced to Code C ACFT and BLW when Code C ACFT at RWY holding point on TWY J1, Terminal 3 APN TWY BTN Bay 911 and Bay 915 not AVBL when Code D and E ACFT at RWY holding point on TWY J1.
   g. Holding on TWY H3 and H4 may be required due TWY strip convergence. ACFT OPR on TWY H3 may be instructed to hold at the HLDG PSN located on TWY H3 (abeam Bay 13 marked by intermediate holding point and yellow cones) in the FLW cases:
      (i) Taxiing of Code D or ABV ACFT OPS with any other OPS;
      (ii) Any other OPS when ACFT are pushed tail north or south from Bay 12, except Code C and BLW pushed behind Bay 10; and
      (iii) Any other OPS when ACFT are pushed tail north from Bay 13.
   h. Simultaneous OPS between TWY H4 and B to/from the north not AVBL with:
      (i) ACFT pushed back into TWY B mouth from Bay 12; and
      (ii) ACFT OPS BTN APN TWY and TWY H3 via TWY B.
   i. A380 may use TWY A, A9, A11 and D subject to AD OPR approval due to an unserviceability of TWY C. TWY A6, A7 and A9 must be vacant for A380 taxiing on TWY A.
   j. ACFT to use MNM power when entering, exiting and operating on all aprons.
   k. Engine ground running on aprons only permitted by approval from AD OPR and to be conducted not above ground idle power setting.
   l. RWY 21 holding point on TWY W eastern side, is located 210M FM RWY 21 centre-line.
   m. All aircraft must provide their parked position/gate number to ATC on airways clearance readback.
   n. All OPS on Perth Airport APN areas must be in accordance with relevant ACFT PRKG plans. Plans to be obtained from AD OPR.
   o. ACFT ENG overhanging TWY edges where no blast protection is provided are requested to be OPR at low PWR to prevent erosion and ENG damage.

Information may be continued on the next page: PTO

p. OPS not AVBL due jet blast hazard:
(i) BTN TWY H4 and B when Code D and ABV taxi after tail north push-back Bay 13;
(ii) BTN TWY H3 and B or H4 when Code D and ABV taxi after tail north push-back Bay 14; and
(iii) ACFT Code B and BLW must hold abeam Bay 703 when Code D ACFT and ABV push-back into TWY B from Bay 12.
q. CAUTION: Jet blast hazard may exist for light ACFT OPR on TWY H3 from ACFT OPR on apron edge TWY.
r. Reversing of ACFT under own power is not permitted without prior approval of AD OPR.

6. Refer to *AIP DAP* for A380 Ground Movement Chart.

FLIGHT PROCEDURES

1. ESTIMATED AIRBORNE TRAFFIC DELAYS

1.1. Estimated airborne traffic delays for ARR ACFT may be expected due to terminal area traffic density:
MON to FRI
a. 0100-0500 UTC: 20 MIN.
b. 0500-0900 UTC: 10 MIN.
c. 0900-1300 UTC: 20 MIN.
Note: Actual holding times may differ from holding estimates. Historical data on actual holding is available from the NOMC.

2. ATC TRAFFIC MANAGEMENT SPEED

When not on a SID or STAR (including vectoring) - ACFT ARR or DEP PH must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.

3. ARRIVAL PROCEDURES

By day, ATC may use 2,400M RWY separation between ACFT ARR to RWY 03/21. Both ACFT may occupy the RWY during application of the standard.

4. AIR TRAFFIC FLOW MANAGEMENT PROCEDURES

4.1. Strategic ATFM:

Strategic International Air Transport Association (IATA) slot management is applicable to all airline and ACFT operators using Perth airport. All flights operating into and out of Perth must obtain an IATA slot from the Capacity Optimisation Group (COG) in accordance with *AIP ENR 1.9.*

4.2. Ground Delay Program Arrival (GDP-A) Perth

4.2.1. GDP-A is run on demand for Perth and promulgated by NOTAM between 0030-1400 UTC MON-FRI. GDP-A is applicable to all fixed wing, non-priority flights departing from all Australian domestic airports, and arriving at Perth. In addition, flights departing from Jandakot for a landing at Perth must contact Perth Centre on 135.25 prior to starting engines. All flights to Perth must obtain both an COG IATA slot and a GDP-A Calculated Off Blocks Time (COBT) in accordance with *AIP ENR 1.9*. Details including the allocation and use of Calculated Off Blocks Time (COBT), can be found in *AIP ENR 1.9*.

4.3. Airport Collaborative Decision Making (A-CDM)

4.3.1. Perth A-CDM is run continuously H24. A-CDM is applicable to all IFR fixed wing non-priority flights departing Perth, who are required to comply with A-CDM in accordance with procedures outlined in *AIP ENR 1.9*. Compliance with a Target Off Blocks Time (TOBT) is required. All flights departing Perth Airport are required to submit a TOBT through a local Designated Ground Handling Agent (DGHA) or local Fixed Base Operator (FBO). Further enquiries can be made via your company or designated ground handler.

4.4. Start and Pushback Procedures:

a. Departing aircraft with ground power must CTC Perth Delivery ready for pushback or start. ACFT will be instructed to stand-by for Perth Ground once compliant with any applicable ATFM procedures. Perth Ground will approve pushback or start clearance when able.

b. Departing ACFT without ground power are approved to start at own discretion, advising Perth Delivery when start complete. ACFT for pushback will be instructed to stand-by for Perth Ground once compliant with any applicable ATFM procedures. ACFT for taxi from bay will be instructed to CTC Perth Ground for taxi clearance once compliant with any applicable ATFM procedures. Perth Ground will approve pushback or taxi when able.

5. TRAINING FLIGHTS

a. IFR training flights inbound to Perth to conduct aerial work from the Northeast through East to Southeast shall plan via either VILIN - PH or VEMON - PH at or BLW 8,000FT.

b. Practice Instrument APCH and circuit training is permitted BTN 2300-1400 UTC.

c. All training flights RQ prior ATC approval. Pilots must book a slot at www.wa.bookawk.com.

6. TRAINING, SURVEY AND AWK FLIGHTS

a. Before submitting a Flight Notification for training, survey and airwork flights WI CTA, pilots/operators are RQ to contact the appropriate ATS unit BTN 0700-1900 Local on the preceding day for pre-flight briefing and approval.

b. Contact numbers are:
Perth TCU - 08 9476 8620^; Fax 08 9476 8614;
Email: perth.tcu@airservicesaustralia.com
RAAF Pearce Approach: 08 9476 8622; Fax 08 9476 8614.

c. Training, survey and AWK are at the discretion of ATC and TFC as workload permit.

d. Punctuality with allocated time for training is critical and availability of multiple IAL limited.

e. AWK and training will not normally be accepted for the following peak periods at PH: MON-FRI 0100-0500 and 0900-1300 UTC.

f. Additional AWK restrictions may apply, refer to training flight restrictions.

7. Survey operations MON-FRI may be subject to delays and, where practicable, should be conducted outside the notified periods of traffic holding and/or on weekends.

8. ATC CLEARANCES TO OPERATE IN CTA/R

a. DEP ACFT must request clearance on the following VHF FREQ:
(i) ACFT DEP Perth Airport contact Perth Delivery on 118.55 for clearance.
(ii) ACFT DEP HLS/ALA within Perth CTR, or PEA AD when deactivated, or IFR/VFR by night DEP Jandakot directly into CTA/CTR, contact Perth Centre on 135.25 for clearance.

b. Airborne VFR ACFT wishing to enter Perth controlled airspace within 36NM Perth, contact Perth Centre on 135.25 MHz.

c. ACFT wishing to conduct airwork within Pearce Training Areas, see Pearce Aerodrome entry. Transit ACFT wishing to enter Pearce Restricted Areas directly from Class G airspace:
(i) check NOTAM for status;
(ii) if deactivated, contact appropriate civil ATC FREQ (See para a and b above) prior to civil CTA boundary;
(iii) if active, contact Pearce APP 130.2 MHz for entry into R153A-D, R155AB, R156, M171AB, M166, R163, M170AB, M182A-G and M161 at least 10NM prior to training area entry point to confirm flight details and obtain clearance.

d. There may be delays for IFR arrivals at Jandakot due to higher priority traffic at Perth airport. See Jandakot entry.

9. LOW VISIBILITY OPERATIONS

a. For CASA approved operators:

RWY 21 is capable of supporting localiser guided take-offs with an RVR not less than 75M.
RWY 03 is capable of supporting take-offs with an RVR not less than 125M.
RWY 06/24 is capable of supporting take-offs with an RV of not less than 350M.

Information may be continued on the next page: PTO

b. For CASA approved operators:

RWY 21 is capable of supporting CAT IIIb approaches (and is normally used for low VIS arrivals);

No arrivals will be allowed when RVR is less than 75M at TDZ.

c. For CASA approved operators:
   (i) RWY 03 is capable of supporting SA CAT I approaches;
   (ii) RWY 24 is capable of supporting CAT I approaches.
d. No intersection departures permitted.
e. Approved TWY exits in RVR conditions below 350M are TWY A9, C9, A11, C11 and TWY D.
f. During RVR/RV conditions below 350M, the following TWY are not AVBL: A6, A7, C6, P, N and H3.
g. TWY W BTN TWY C and RWY 06/24 AVBL in RV not less than 350M.
h. Secondary PWR switchover time: 1 SEC during LVP 15 SEC OT.
i. Refer to *AIP DAP* for Aerodrome Ground Movement Charts.

10. LOW VISIBILITY PROCEDURES

a. Instrumented RVR is provided for RWY 03/21. In the event of failure of RVR, or non-availability of RWY 03/21, manual RWY visibility assessments will be provided.
b. ATC uses Advanced Surface Movement Guidance Control System (ASMGCS) to monitor ACFT and vehicles on the manoeuvring area. In the event ASMGCS is unserviceable, ATC will restrict OPS on the manoeuvring area.
c. In the event that Stop Bars are unserviceable, ATC will restrict OPS on the manoeuvring area.
d. Preparations for activation of LVP commence when meteorological conditions prevent all or part of the manoeuvring area from being visually monitored by ATC.
e. LVP must be fully implemented when cloud ceiling is 300FT or less, visibility for take-off is below 550M RV/RVR, visibility for approaches is below 550M RV/RVR RWY 03/21 or 800M RV RWY 06/24.
f. Only one RWY will be nominated when LVP is in progress, normally RWY 21.
g. When LVP are in force, ATC will limit vehicle access on the manoeuvring area to ARFF and airfield OPS. ACFT position reporting procedures may also be implemented.
h. Flight Crew must notify ATC if a follow me service is RQ.
i. LVP measures are progressively lifted when the Cloud Ceiling reaches 300FT and the VIS reaches 800M and is increasing.

11. HELICOPTER OPERATIONS

a. There are no helipad facilities. HEL parking AVBL.
b. ENG Ground running with rotors turning is not permitted WI 20M of other aircraft, motor vehicles or BLDGs.
c. TAXIING: Pilots shall MNTN a continuous listening watch on Perth Ground (SMC), or, when instructed, Perth TWR FREQ. Where SFC taxiing is involved, existing TWY system is to be utilised to avoid pavement contamination by grass. Air taxiing is not permitted WI 20M of other ACFT, motor vehicles or BLDGs. This DIST may be increased when taxiing over unsealed SFC.
d. **DEPARTURES/ARRIVALS:** TKOF or LDG from outside airport manoeuvring area will not be permitted without prior approval. The point of TKOF or LDG will be specified by ATC, however, pilots may REQ alternative LCA WI the manoeuvring area. Initial DEP or final approach instructions will be provided by Perth TWR. Whenever DEP or ARR into prevailing wind is RQ the pilot should REQ such ARR or DEP.

12. VFR OPERATIONS IN PERTH CTR

a. VFR ACFT departing Perth, or transiting Perth CTA, to Jandakot can expect to vacate Perth CTA via Class G for Class D arrival. See Jandakot entry.
b. VFR transits within the vicinity of Perth Airport are not normally permitted. Alternative clearances may be AVBL via Victor 65 or Victor 66
c. When AVBL, scenic flights over Perth City can expect clearance via the VICTOR 65 route i.e. CTE-PCTY-HKE.
d. Flights ARR Perth for Overshoot
   (i) AVBL as per Flight Procedures para 3 and 4 for Training and AWK flights;
   (ii) ATC will process outbound leg to Observation City (OBC);
   (iii) RWY24 Not AVBL for overshoot.

NOISE ABATEMENT PROCEDURES

Noise Abatement Procedures (NAP) apply. Refer AIP DAP.

ADDITIONAL INFORMATION

1. SEV TURB may be experienced BLW 3,000FT in the terminal area during summer months when easterly wind gradients prevail.
2. Low-level windshear may exist for arriving ACFT on RWY 06 when wind is from the N to NW at 37KT or greater.
3. Bird Hazard exists as follows:
   a. Galah and corella present in large flocks DRG Spring.
   b. Flocks of Ibis species periodically overflying airfield in large flocks DRG Winter and Spring.
   c. Nankeen kestrels present in RWY strip areas year round peaking in the Spring and Summer.
   d. Duck species present DRG winter and spring with peak ACT DRG winter and following extended periods of heavy rain.
   e. Black cockatoos present throughout the year with historical data peak ACT DRG January to May. These species overflying the airfield east to west in the mornings and west to east in the afternoons.
4. Weather balloon launch APRX 2315 and 1115 UTC FM 1.5KM NE ARP. Launches may occur at other times.

CHARTS RELATED TO THE AERODROME

1. WAC 3351, 3462.
2. Aerodrome Obstruction Chart Type A:
   a. RWY 03/21 Version 32 (DEC 2025).
   b. RWY 06/24 Version 31 (DEC 2025).
3. Also refer to AIP Departure and Approach Procedures.
4. Precision Approach Terrain Charts AVBL for RWY 03/21.

Information may be continued on the next page: PTO

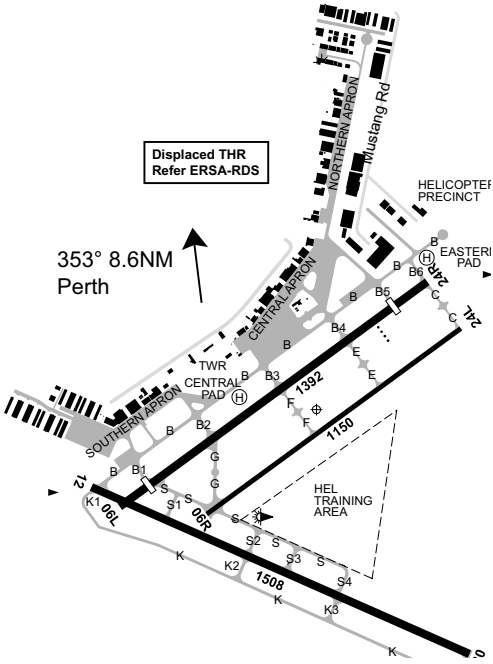
PERTH/JANDAKOT

ELEV 99

AVFAX CODE 6002

WA		UTC +8	YPJT
320551S	1155252E	VAR 2 DEG W	CERT

AD OPR Jandakot Airport Holdings Pty Ltd (JAH), 16 Eagle Drive Jandakot, WA, 6164.
Email: jah@jandakotairport.com.au. PH 08 9417 0900. ARO 0417 827 557 (24HR).
Website: www.jandakotairport.com.au.



REMARKS

1. Visitors needing airside/landside access are to contact AD OPR. Use of AD is permitted in accordance with 'Jandakot Airport Conditions of Access and Use' document, AVBL from the Airport Management Centre or AD OPR website.
2. AD Charges: All ACFT - fees and charges as per Schedule of Charges published on AD OPR website. COR holder is responsible for all charges incurred.
3. AD not AVBL to ACFT ABV 5,700KG MTOW without PPR from AD OPR.
4. ACFT with wingspan greater than 15M requiring parking, needs PPR from AD OPR.
5. No lit itinerant parking AVBL.

HANDLING SERVICES AND FACILITIES

AIR BP: 2300-1100 UTC DLY. Call-out fees apply Christmas Day and AH. H24 AVGAS card bowser (BP Card). Phone 08 9414 1515 (diverts to mobile if not answered).
AH MOB 0455 543 186. VHF 129.9 CS "AIRBP ". AVGAS, JET A1, JET A1+FSII and Phillips Oils. AirBP Sterling and credit cards (V and MC).
VIVA ENERGY: Bel-Air Refuelling Services - AVGAS, JET A1, JET PLUS, aviation oils. JET A1 and JET Plus AVBL H24. AVGAS AH AVBL by prior arrangement. Phone 08 9310 9999. Mobile 0409 142 039. VHF 121.8 CS "Viva Energy". Viva Energy Fuel2Sky and credit cards (V and MC).

General

AD OPR does not provide ACFT marshalling services. All requests for ACFT marshalling should be directed to a Fixed Base Operator.

AERODROME OBSTACLES

1. Lit TWR 255FT AMSL PSN 320535.66S 1155100.79E APRX BRG 281 DEG MAG 1.6NM FM ARP.
2. Unlit PWR pole 241FT AMSL PSN 320520.77S 1155115.73E APRX BRG 292 DEG MAG, 1.46NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI, AD WRNG
2. AWIS Phone 08 6216 2618 - Report faults to BoM.
3. AWIS FREQ 128.65, 281 AVBL outside TWR HR - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

06L/24R	056	46a	PCR 35/F/A/Y/T	WID 30	RWS 90
06R/24L	056	38a	PCR 35/F/A/Y/T	WID 18	RWS 90
12/30	116	49a	PCR 35/F/A/Y/T	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 06L/24R	MIRL	PAL+AA 123.9		SDBY PWR AVBL
RWY 24R	PAPI(1)	PAL+AA 123.9	3.0 DEG25FT	SDBY PWR AVBL
RWY 12/30	MIRL	PAL+AA 123.9		SDBY PWR AVBL

(1) Activated by PAL outside TWR HR. On request to ATC during TWR HR.

1. RWY edge light spacing: 06L/24R: 60M; 12/30: 60M.
2. PAL AVBL outside TWR HR.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 SEC. Automatic switchover.
2. TWY LGT: Blue edge on TWY B, B1, B2, B3, B4, B5, B6 and K, K1, K2, K3 and K4. Green centreline on APN.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	PERTH CENTRE		135.25 On Ground (Outside JT TWR HR)
ATIS	JANDAKOT ATIS	(1)	128.65 281
SMC	JANDAKOT GROUND		124.3
TWR	JANDAKOT TOWER		118.1 119.4

(1) ATIS AVBL by phone 08 9476 8755 H24.

1. TWR HR:
   a. JUN-AUG: MON-FRI 2300-1200 UTC. SAT-SUN 0000-1000 UTC.
   b. SEP-MAY: MON-FRI 2300-1300 UTC. SAT-SUN 0000-1000 UTC.
   Phone: 08 9476 8833^ for urgent operational matters.
   Email: jandakot.tower@airservicesaustralia.com for routine matters.
2. Jandakot TWR provides ATS within Class D airspace SFC to 1,500FT during TWR HR.
3. Outside TWR HR, airspace becomes Class G with SIS provided by Perth Centre.

RADIO NAVIGATION AND LANDING AIDS

NDB	JT	281	320609.7S	1155312.2E	Range 30 (HN 30)	(1)

(1) Pilot monitored

LOCAL TRAFFIC REGULATIONS

1. Start approval required for fixed wing aircraft conducting circuit training operations during tower hours.
   a. Contact Jandakot Ground on 124.3 to obtain start approval.
   b. Aircraft that have not taxied within 15 minutes of receiving start approval may lose priority.
2. Aircraft REQ clearance to DEP into Perth CTA/CTR - contact Perth Centre on 135.25 prior to starting engines.
3. Agricultural aircraft calibration test and training are not permitted.
4. Pilots planning survey operations require 24HR prior notification to Jandakot Tower. Survey flights below 7,000FT can expect to incur delays. Where practicable surveys are to be conducted outside notified periods of traffic holding at Perth and Jandakot.
5. Run-up bays not AVBL HN.

Information may be continued on the next page: PTO

FLIGHT PROCEDURES

1. **GENERAL REQUIREMENTS**

a. All airborne aircraft should display landing light in and around the Jandakot CTR where practicable.
b. Practice instrument approaches are not available.
c. Simulated engine failure after take-off in single engine fixed wing aircraft must be conducted over the RWY and recovery initiated prior to the airside boundary. ATC approval required prior to each manoeuvre.
d. If frequency congestion or failure does not allow aircraft arriving from Class C airspace to obtain frequency transfer instructions from PH ATC, aircraft must contact Jandakot TWR on 118.1 MHz at 3NM Jandakot.

2. CIRCUIT PROCEDURES

2.1. **Circuit altitude**

a. 1,000FT for fixed wing and rotary wing aircraft (unless specified otherwise).
b. 800FT for rotary wing aircraft remaining north of RWY 06L/24R.

2.2. **Circuit Directions**

a. During tower hours

RWY	HJ	HN
06L	Left	Right
06R	Right	Not Available
12	Left	Left
24R	Right	Left
24L	Left	Not Available
30	Left	Left

b. Outside tower hours: see OUTSIDE TWR HR below.

3. **VFR PROCEDURES**

3.1. **VFR departures HJ**

a. Departure altitude is 1,000FT (see FREM departure procedure below for exception).
b. Departure directly into Class C airspace from the JT CTR is not available.
c. Aircraft departing to the west and northwest:
   (i) RWY 06L and 24R: track from the end of crosswind to Fiona Stanley Hospital then to FREM.
   (ii) RWY 12: extend the downwind leg until clear of base and final traffic, then track via Fiona Stanley Hospital to FREM.
   (iii) RWY 30: turn right from upwind and track via Fiona Stanley Hospital to FREM.
   (iv) After tracking over Fiona Stanley Hospital, climb to reach 1,500FT as soon as practicable.

Caution - inbound traffic to the S on the Powerhouse to Adventure World track.

d. Aircraft departing to the south:
   (i) RWY 06L, 24R and 30: depart circuit leg to track YGB, then TOML.
   (ii) RWY 12: depart the CTR by extending the right crosswind leg.
   (iii) As soon as practicable after leaving the Jandakot CTR aircraft should climb to an altitude above 1,500FT, remaining in Class G airspace.
e. Aircraft departing to the east:
   (i) RWY 06R: track from upwind to SHOP, remaining clear of Perth CTR.
   (ii) RWY 12: track from upwind to SHOP.
   (iii) RWY 24L: track from the end of crosswind to SHOP, remaining clear of FDL.

Caution – inbound aircraft are on FDL to Jandakot track at 1,500FT.

   (iv) RWY 30: depart via a right circuit. From the end of downwind track to SHOP, remaining clear of Perth CTR and final RWY 30.
   (v) As soon as practicable after leaving the Jandakot CTR aircraft should climb to an altitude above 1,500FT, remaining in Class G airspace.

3.2. **VFR arrivals HJ**

a. CTR entry altitude is 1,500FT
b. Arriving VFR aircraft should track via and establish two-way communication with Jandakot Tower at BOAT, POWR, OAKF or RUSS.
c. After establishing two-way communication at BOAT or POWR:
   (i) track via and report at ADWD, then
   (ii) join the circuit as directed by Jandakot Tower.
d. After establishing two-way communication at OAKF or RUSS,
   (i) track via and report at FDL, then
   (ii) if the duty RWY is 06L or 24R, overfly the aerodrome between the control tower and the upwind end of the duty RWY, then
   (iii) report overhead the aerodrome if no instruction has been received from Jandakot Tower, then
   (iv) join the circuit as directed by Jandakot Tower.
e. For aircraft arriving from D104 when RWY 06/24 is in use the preferred route is via BOAT and ADWD.
f. For aircraft requesting circuit operations on RWY 06R/24L the preferred route is OAKF to FDL. Expect a circuit joining instruction when reporting at FDL.

3.3. **VFR departures HN**

a. Departure altitude 1,500FT unless higher required for LSALT.
b. Aircraft may plan to track via preferred route.
c. Aircraft requiring clearance in Class C airspace due to LSALT requirements must obtain airways clearance while on the ground at Jandakot by contacting Perth Centre on 135.25 MHz.

3.4. **VFR arrivals HN**

a. CTR entry altitude 1,500FT unless higher required for LSALT.
b. Aircraft arriving from Class G airspace during tower hours must contact Jandakot Tower by 6NM for clearance.
c. Aircraft requiring clearance in Class C airspace due to LSALT requirements must obtain airways clearance by contacting Perth Centre on 135.25 MHz.

3.5. **VFR communication failure**

3.5.1. In the event of a communication failure:

a. Carry out Communication Failure procedures in EMERG.
b. Continue to transmit intentions.
c. Track via an appropriate published VFR arrival route.
d. Enter the CTR at 1,500FT.
e. Proceed to overhead the aerodrome at 1,500FT.
f. Ascertain RWY in use, descend to join the appropriate circuit at 1,000FT (remain clear of the opposite circuit).
g. When parallel RWY are in use the appropriate RWY is 06L/24R.
h. Proceed with normal circuit and landing, maintaining separation from other aircraft.
i. Watch for light signals from the tower.

4. **IFR PROCEDURES**

a. When not on a SID or STAR (including vectoring), aircraft arriving or departing JT via Class C airspace must not exceed 250KT IAS when below 10,000FT AMSL. Advise ATC if a higher speed is operationally required.

Note: Pilots must also comply with Class D airspace speed limits. Cancellation of ATC traffic management speeds does not cancel Class D airspace speed limits.

b. Pilots electing to commence or terminate an IFR flight under the VFR should communicate such intention at the earliest possible time to ensure their arrival or departure is processed efficiently.
c. IFR aircraft planning at or above 9,000FT may be issued STAR clearances.

Information may be continued on the next page: PTO

4.1. **Airborne traffic delays**

a. Estimated airborne traffic delays for arriving IFR aircraft due to terminal area traffic density:
   (i) MON-FRI 0100-0500 UTC: 10 MIN.
   (ii) MON-FRI 0500-0900 UTC: 5 MIN.
   (iii) MON-FRI 0900-1300 UTC: 10 MIN.

Note: Actual holding times may differ from holding estimates. Historical data on actual holding is available from the National Operations Management Centre (phone 1800 020 626^).

5. **HELICOPTER OPERATIONS**

a. Unless otherwise specified, helicopters must comply with fixed wing procedures.
b. Pilots should keep hover time to a minimum whilst operating on aprons.
c. Departing helicopters must advise departure details to Jandakot Ground (124.3 MHz).
d. Pilots must nominate the HLS they wish to use on initial contact with ATC.
e. Unless otherwise specified, circuit legs to or from a HLS must be parallel to the fixed wing circuit.
f. Taxi clearance required to or from the Eastern and Central Pad.
g. For SHOP departure, RWY 06R/24L or the helicopter training area are the preferred departure locations when RWY 06 or 24 is in use.
h. Practice auto-rotative landings are only permitted in marked maintained area within the helicopter training area.

5.1. **Helicopter precinct operations**

a. Take-off or landing directly to or from the helicopter precinct not permitted unless operationally required.
b. Pilots should use the Eastern Pad when arriving or departing from the helicopter precinct.

5.2. **Northern apron operations**

a. Departures:
   (i) If RWY 24R is the duty RWY, track via the apron or Mustang Road then pass between the control tower and taxiway B, or as cleared by ATC.
   (ii) If RWY 12 or 30 is the duty RWY, track via the apron until the northern or southern end of the apron and clear of buildings, then track parallel to the duty RWY. Avoid tracking over the helicopter precinct.
b. Arrivals:
   (i) If RWY 06L is the duty RWY, track between the control tower and taxiway B then via the apron or Mustang Road to the landing site, or as cleared by ATC.
   (ii) If RWY 12 or 30 is the duty RWY, track parallel to the duty RWY remaining clear of buildings and the helicopter precinct, then via the apron to the landing site.

5.3. **Helicopter training area**

a. The helicopter training area is located on the grassed area bound by (but not including) the 06R/24L RWS, taxiway S (east of the 06R/24L RWS) and the airport perimeter road (extended to intersect the 06R/24L RWS near taxiway E).
b. Helicopters must remain 50M or more from the anemometer and windsock.
c. Unless cleared differently by ATC, helicopters operating in the helicopter training area must:
   (i) remain 100M or more from the duty RWY unless conducting operations in ground effect only.
   (ii) remain at or below 200FT AGL unless conducting a circuit.
   (iii) remain clear of taxiway S.
   (iv) hold short of all RWY.
d. Slope landing training may be conducted in the grassed drain adjacent to taxiway S between S2 and S4. Advise ATC when conducting slope training.
e. When RWY 06R/24L is in use, and subject to ATC clearance, training may be conducted over RWY 30 out to perimeter road north of RWY 30. Helicopters must remain north of taxiway K and at or below 200FT AGL.
f. Unnotified personnel and vehicles may be operating on perimeter road.
g. If RWY 06 or 24 is in use, contact Jandakot Tower (119.4 MHz) to obtain clearance to cross RWY 06R/24L. Contact Jandakot Ground (124.3 MHz) other times.

h. ATC will only pass traffic information about vehicles and other helicopters in the helicopter training area upon first entering the helicopter training area. Pilots are responsible for avoiding the specified traffic during the period of their operations in the helicopter training area.
i. With prior permission from the aerodrome operator and subject to ATC clearance, training may be conducted within the aerodrome boundary in treed areas adjacent to the helicopter training area.
j. Operations outside the aerodrome boundary are not permitted below 500FT AGL except when taking off or landing.
k. Sprinklers operate in the helicopter training area around the aiming point HN.
l. Circuits may be conducted from the training area subject to the following conditions:
(i) Circuits parallel to RWY 24L or RWY 12 are left circuits.
(ii) Circuits parallel to RWY 06R or RWY 30 are right circuits.
(iii) Circuit altitude 800FT AMSL.
(iv) Circuits to be flown inside the corresponding fixed wing circuit. The downwind leg is recommended to be no wider than the aerodrome boundary.
(v) A continuous lookout for helicopter and fixed wing traffic must be maintained.
(vi) Pilots must report BECOMING AIRBORNE to ATC prior to commencing take-off. ATC will not control take-offs or landings, nor provide sequencing instructions.
(vii) Circuits beginning or terminating outside the helicopter training area are subject to ATC approval will be controlled. A take-off or landing clearance in the helicopter training area will be required.

6. LOW VISIBILITY OPERATIONS

a. Low Visibility Operations not available.

7. OUTSIDE TWR HR

a. RWY 06R/24L not available.
b. Listening watch must be maintained on CTAF whilst taxiing.
c. Class C airspace above 1,500FT remains active.
d. During HJ standard Class D departure and arrival tracking points should be used.
e. Aircraft planning to enter Perth CTR/CTA must obtain SSR code and ATC frequency from Perth Centre (135.25 MHz) on the ground.
f. Helicopters must land or take-off from a RWY or HLS.

7.1. **Circuit procedures outside TWR HR**

a. Aircraft conducting circuit training outside TWR HR should broadcast intentions on downwind.
b. Circuit directions:
(i) RWY 06L – right hand circuit.
(ii) RWY 12, 24R and 30 – left hand circuit.
c. Recommended fixed wing circuit altitude is 1,000FT.
d. Maximum of 5 aircraft may conduct circuit training.

CTAF - AFRU 118.1

Outside TWR HR.

NOISE ABATEMENT PROCEDURES

1. Preferred runways during tower hours:
a. RWY 06R/24L is preferred for circuit training and departures via SHOP.
b. RWY 06L/24R is preferred for arrivals and other departures.
c. ATC will consider nominating an alternative RWY when the crosswind exceeds 12KT HJ, 10KT HN or when there is tailwind.
2. Circuit training operations are only permitted:
a. MON-FRI 2300-1430 UTC (0700-2230 Local).
b. SAT-SUN 0000-1000 UTC (0800-1800 Local).
3. Fly Neighbourly flight procedures:
a. Repetitive formation circuits not permitted.
b. Repetitive low-level circuits not permitted on RWY 06L/24R.
c. Circuit size should be as compact as practicable.
d. Heavy/twin engine ACFT to conduct full length TKOF where possible.
e. Adopt rate of climb/descent which minimises noise over residential areas.

Information may be continued on the next page: PTO

f. Operate not BLW 1,000FT AGL over residential areas outside circuit area.
g. Reduce engine RPM as soon as possible.
h. Perform aerobatics at least 600M laterally off the coastline or away FM residential areas when over land.

ADDITIONAL INFORMATION

1. Wake Turbulence Hazard
   a. Wake turbulence may be encountered in the Jandakot control zone (mainly in the northeast quadrant), due to aircraft over flying in Class C airspace. Delays may occur due super wake turbulence category aircraft operating above or near the Jandakot control zone.
2. Bird hazard exists as follows:
   a. Cockatoo and corella flocks overfly AD DRG spring.
   b. Crows and magpies in grassed areas across AD, most prevalent DRG winter and spring.
   c. Swallow flocks across AD all year.
   d. Ibis flocks overfly AD DRG winter and spring.
   e. Birds of prey (e.g. eagles, kites, kestrels) may hover at altitude.
   f. NOTAMS will be issued for other short term/seasonal hazards.

CHARTS RELATED TO THE AERODROME

1. WAC 3462.
2. Also refer to AIP Departure and Approach Procedures.

PETERBOROUGH **ELEV 1838**

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YPTB
330018S 1385054E VAR 8 DEG E UNCR
AD OPR District Council of Peterborough, PO Box 121 Peterborough, SA, 5422.
PH 08 8651 3566. ARO 0458 513 566 or 0429 100 626.

PASSENGER FACILITIES

PT/WC

PHYSICAL CHARACTERISTICS

17/35 49a Unrated. Sealed. WID 18 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 17/35 LIRL PAL 120.6

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 123.9

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3458.

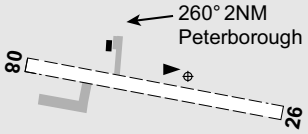
PETERBOROUGH/GREAT OCEAN ROAD ELEV 111

AVFAX CODE 3076 **FULL NOTAM SERVICE NOT AVBL**

VIC UTC +10 YPBH

383624S 1425422E VAR 11 DEG E UNCR

AD OPR Glenample Air Pty Ltd, 9400 Great Ocean Road, Port Campbell, VIC, 3269.
Email: rich@12apostleshelicopters.com.au. PH 03 5598 8283.
Website: www.12apostleshelicopters.com.au.



REMARKS

1. PPR. PH AD OPR.
2. Landing Charges: All ACFT.
3. AD AVBL HJ only.

HANDLING SERVICES AND FACILITIES

AVGAS and JET A1 AVBL. PN required, PH AD OPR. Call-out fee applies.

AERODROME OBSTACLES

Trees:

a. 75FT AMSL BRG 265 MAG 607M FM ARP infringes TNS SFC by 2FT.
b. 74FT AMSL BRG 264 MAG 601M FM ARP infringes TNS SFC by 4FT.
c. 72FT AMSL BRG 261 MAG 780M FM ARP infringes TNS SFC by 12FT.
d. 67FT AMSL BRG 264 MAG 653M FM ARP infringes TNS SFC by 3FT.
e. 64FT AMSL BRG 261 MAG 784M FM ARP infringes TNS SFC by 8FT.

PHYSICAL CHARACTERISTICS

08/26 37a Unrated. RWY LEN 1,142M. Slope 1.9% down to W. WID 30 RWS 90

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.8

CTAF 127.1

ADDITIONAL INFORMATION

1. ERSA FN 8 - Peterborough/Port Campbell National Park.
2. Scenic flights to operate from YPBH and two HEL east of Port Campbell, YGHP and YPHP.
3. Parachuting activity within 2NM of AD up to FL150.

CHARTS RELATED TO THE AERODROME

WAC 3469.

Information may be continued on the next page: PTO

PETRO STATION

ELEV 443

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YPET
335000S 1423906E VAR 10 DEG E UNCR
AD OPR goFARM Australia Pty Ltd, PO Box 4190, Richmond East, VIC, 3121.
Email: ksemmens@gofarmaustralia.com.au. PH 03 9046 1998.
Website: www.gofarmaustralia.com.au.

REMARKS

1. PPR. CTC AD OPR.
2. Private dry weather strip.

PHYSICAL CHARACTERISTICS

17/35 43c Unrated. Unsealed graded red loam. RWY LEN 1,300M. WID 30

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 122.1

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3458.

PHILLIP ISLAND HELIPORT

ELEV 43

FULL NOTAM SERVICE NOT AVBL

VIC UTC +10 YPID
383112S 1451936E VAR 12 DEG E UNCR
AD OPR Island Helicopters Pty Ltd, 1 Veterans Drive Newhaven, VIC, 3925.
Email: info@islandhelicopters.au. PH 0449 998 844 BH.

REMARKS

1. PPR.
2. Heliport OPS: Island Helicopters PH AD OPR for INFO.
3. HEL LDG fees apply.
4. All RWY closed to fixed wing ACFT.

HANDLING SERVICES AND FACILITIES

AVGAS and JET A1 AVBL with prior arrangement with HLS OPR.

AERODROME OBSTACLES

1. Lit TWR, 178FT AGL BRG 245 MAG 260M FM HLS.
2. Lit TWR, 115FT AGL BRG 100 MAG 40M FM HLS.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 123.35 On Ground

CTAF 119.1

NOISE ABATEMENT PROCEDURES

Avoid over flying houses North of the heliport.

ADDITIONAL INFORMATION

A Fly Neighbourly protection area has been established around Cape Woolamai, Observation Point and Summerland Peninsula. Refer to ERSA GEN Special Procedures FN 12 for detailed information.

CHARTS RELATED TO THE AERODROME

WAC 3469, 3470.

PINKENBA

ELEV 13
FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YAAP
272608S 1530644E VAR 11 DEG E UNCR
AD OPR Airbus Helicopters Australia Pacific, 701 MacArthur Ave, Central Pinkenba, QLD, 4008.
Email: hsemanager.aap@airbus.com. PH 0438 367 990. Website: www.airbusgroupap.com.au.

REMARKS

1. Private property, PPR unless in the case of an EMERG.
2. HJ OPS only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	125.7
ACD	BRISBANE DELIVERY	118.85
APP	BRISBANE APPROACH	124.7 125.6
ATIS	BRISBANE ATIS	113.2 125.5
TWR	BRISBANE TOWER	118.0 120.5

LOCAL TRAFFIC REGULATIONS

Overnight HEL parking AVBL on the grassed area with prior permission.

FLIGHT PROCEDURES

1. ARR ACFT FM the SE, 327DEG MAG or as directed by ATC.
2. DEP ACFT to the SE 147DEG MAG or as directed by ATC based on onward flight route.
3. CTC Brisbane TWR on the ground prior to DEP on 07 3866 3694 for status and/or CLR.

NOISE ABATEMENT PROCEDURES

APCH and DEP FM and to the SE over water to avoid local nearby properties, or as advised by Brisbane TWR.

ADDITIONAL INFORMATION

1. No H pad marking or concrete pad is present.
2. CAUTION: HLS is within 0.5NM of the Helitech and Holt St HLS and within 2NM of YBBN CTR airspace.
3. Windsock located on corner of concrete garage abeam HLS.
4. Bird hazard exists.

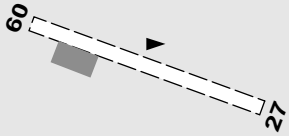
CHARTS RELATED TO THE AERODROME

WAC 3340.

PINNARENDI

ELEV 2450
FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YPNA
180218S 1445300E VAR 7 DEG E UNCR
AD OPR Ronald John Atkinson, 22971 Kennedy Highway, Mount Garnet, QLD, 4872.
Email: coffee@thebrickoven.com.au. PH 0419 201 622.



HANDLING SERVICES AND FACILITIES

AVGAS AVBL - CTC AD OPR. No self-service, card facilities at cafe or on account with NQ Flying Fuels.

PASSENGER FACILITIES

Cafe/mobile phone coverage.

AERODROME OBSTACLES

TWR HGT 2,501FT AMSL BRG 320 DEG M 2,100M FM ARP.

PHYSICAL CHARACTERISTICS

09/27 51c Unrated. Grass. RWY LEN 1550M WID 30

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	124.6

CTAF 126.7

ADDITIONAL INFORMATION

Animal hazard (kangaroos and cattle) exists.

CHARTS RELATED TO THE AERODROME

WAC 3219.

PINNAROO

ELEV 330

FULL NOTAM SERVICE NOT AVBL

18
36

SA		UTC +9:30	YPNN
351530S	1405641E	VAR 9 DEG E	UNCR

AD OPR Southern Mallee District Council, Day Street, PO Box 49, Pinnaroo, SA, 5304. Email: council@southernmallee.sa.gov.au. PH 08 8577 8002.

REMARKS

PPR.

PASSENGER FACILITIES

PT/WC

AERODROME AND APPROACH LIGHTING

RWY 18/36 LIRL PAL 119.65

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	124.3 2500FT

CTAF 126.7

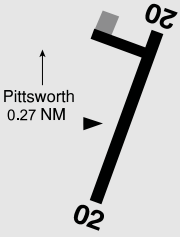
CHARTS RELATED TO THE AERODROME

WAC 3458.

PITTSWORTH

ELEV 1690

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YPWH
274400S	1513800E	VAR 11 DEG E	UNCR

AD OPR Toowoomba Regional Council, PO Box 3021, Toowoomba, QLD, 4350. Email: aerodrome@tr.qld.gov.au. PH BH Aerodrome 07 4688 6117. Council PH AH 0497 099 111. Website: www.tr.qld.gov.au/aerodromes.

REMARKS

1. AD charges apply: see website.
2. ACFT BLW 2,000KG day use only.
3. Pavement concession required for larger ACFT. Contact AD OPR.
4. Access AVBL in accordance with Toowoomba Region Aerodromes. Conditions of Access and Use: see website.
5. Due to safety/security hazards, please ensure vehicle gates are closed and locked when not in use.

PASSENGER FACILITIES

WC

APRONS AND TAXIWAYS

1. TWY to APN and hangar area.
2. Grass APN.
3. TWY between RWY and private lease area up to 3.5% longitudinal slope.

AERODROME OBSTACLES

1. Transitional OLS infringement exists up to 24FT right of APCH to N THR 20 end.
2. Tower on hill 2,055FT AMSL, 2.6KM WNW of AD infringes the conical OLS by 155FT.
3. Fence BRG 338 DEG MAG 43M FM THR 20. Infringes APCH SFC by APRX 4FT.

PHYSICAL CHARACTERISTICS

02/20 29a/c 2000 kg/0.60 MPa Grass. Central 10M sealed. RWY LEN 880M. AVG Slope 0.37% down to S (FM N end 0.35% up to S for 595M, then 1.61% down to S). WID 18 RWS 60

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 121.2 500FT

FLIGHT PROCEDURES

Right hand circuits RWY 02 due township and noise abatement.

CTAF 126.7

ADDITIONAL INFORMATION

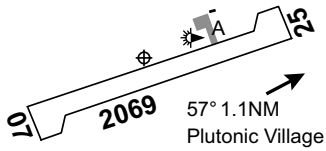
1. Assume that bird and animal hazard exists. Arriving ACFT should conduct an aerial RWY inspection prior to landing.
2. Pilot to be satisfied that the ALA is suitable for their OPS. CTC AD OPR for serviceability information.
3. Tyre pressure is in accordance with AIP unrated pavements.
4. Unsealed areas not suitable in wet weather or after rain.
5. Qantas Group Pilot Academy operates from YBWW. CAUTION: Increased flight training traffic YPWH circuit and ADJ areas extending to Leyburn, Millmerran and Cecil Plains.

CHARTS RELATED TO THE AERODROME

WAC 3340.

PLUTONIC ELEV 1896

AVFAX CODE 6613



WA UTC +8 YPLU
251900S 1192524E VAR 1 DEG E CERT
AD OPR Catalyst Metals Ltd, Level 1, 30 Richardson Street, West Perth, WA, 6005. Email: plutonic.aro@sirromcorp.com. PH 08 6324 0090: AD MGR 0400 134 718.
ARO 0484 311 325.

REMARKS

Restricted OPS: PPR from AD OPR. CTC ARO in first instance.

AERODROME OBSTACLES

1. Lit mast 2,070FT AMSL BRG 74.9 MAG 1.4NM FM ARP. Infringes inner HZS by 45FT.
2. Unlit TWR 2,058FT AMSL BRG 108 MAG 0.86NM FM ARP. Infringes inner HZS by 33FT.
3. Terrain 2,047FT AMSL PSN BTN BRG 104-121 MAG 0.84-1.94NM FM ARP. Infringes inner HZS by 23FT.

PHYSICAL CHARACTERISTICS

07/25 065 68c PCR 130/F/A/Y/T Unsealed WID 30 RWS 90

The stated PCR is limited to a B462 all-up mass limitation of 38,600KG.

AERODROME AND APPROACH LIGHTING

RWY 07/25 PTBL(1) BY PRIOR ARRANGEMENT

(1) 90MIN PN required.

AD LGT not AVBL EXC for EMERG OPS.

OTHER LIGHTING

SDBY PWR AVBL with 90MIN PN for windsock and APN.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 122.6 5,000FT

Information may be continued on the next page: PTO

LOCAL TRAFFIC REGULATIONS

1. ACFT PRKG advised by ARO on CTAF or as indicated by the marshaller.
2. To avoid damage FM heavy braking, ACFT must use full length and back track to TWY. All ACFT must turn at turn pads.
3. APN AVBL HN for medical evacuation only.
4. All ACFT: on-site marshalling service is provided. CTC the Duty ARO via CTAF or phone.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

RPA operations occur in the vicinity of the aerodrome and mine site. RPA operators monitor CTAF during operations. For further information, CTC Chief RPA Pilot, TEL 0405 740 663 or email aporo@catalystmetals.com.au.

CHARTS RELATED TO THE AERODROME

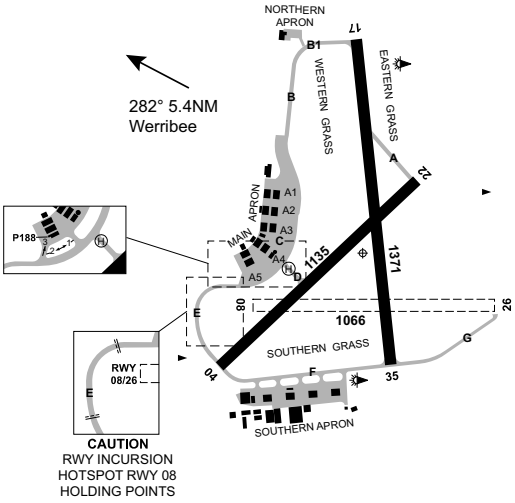
WAC 3346.

POINT COOK — ELEV 14

AVFAX CODE 3006

VIC		UTC +10	YMPC
375556S	1444512E	VAR 12 DEG E	MIL

AD OPR RAAF Airbase Operations Centre, RAAF Base Point Cook Aerodrome, VIC, 3030.
Email: pck.aboc@defence.gov.au. PH 03 7301 5531.



REMARKS

1. CIV ACFT landings not permitted without prior approval FM aerodrome commanding officer.
2. Airbase Operations Centre is manned 0700-1600 Local MON-THU and 0700-1500 Local FRI. AH CTC AD OPR.
3. All Point Cook based and itinerant civil ACFT: CTC AD OPR prior to operating at Point Cook.
4. AD Charges: All civilian ACFT as applicable.

APRONS AND TAXIWAYS

1. ALL TWYS provide CLR for ACFT with wingspan up to and including 40.41M. The 26M PRKG CLR line is permanently active, unless advised by NOTAM.
2. Pilots to exercise caution due to close proximity of parked aircraft, and on APN areas at night due to low levels of APN lighting.
3. APN areas A4 and A5: PCR 350/R/D/X/T C130J.
4. TWY edge drop off exceeds 50MM BTN:
   a. TWY B and western grass
   b. TWY D western edge and grass SFC; and
   c. TWY F southern edge.
5. ACFT ABV 5,700KG are to avoid 180DEG turns on all sealed RWY. ACFT shall use TWY where possible.

AERODROME OBSTACLES

1. Lit towers (sporting field light towers) 99FT AGL BRG 348 DEG MAG 2,980M FM SOT RWY 35.
2. Vehicular traffic may infringe OLS for RWY 04, RWY 35 and RWY 26 due to proximity of perimeter road. Perimeter road crosses inside RWY 17 flight strip. All vehicular traffic shall give way to ACFT.
3. Illuminated wind indicators:
   a. 26FT AGL, BRG 238 DEG MAG FM THR RWY 35. Infringes TNS by 17FT.
   b. 25FT AGL, BRG 106 DEG MAG FM THR RWY 17. Infringes TNS by 15FT.
4. Northern frangible fence infringes OLS for RWY 17.
5. Vegetation infringes OLS for RWY 17/35 and OLS for RWY 08/26.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS Phone 03 8470 3226 - Report faults to BoM.
3. AWIS FREQ 122.675 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

04/22	036	37a	PCR 350/R/D/1.00 MPa/T	WID 45	RWS 150
08/26	079	35c	Unrated. Grass. Black loam	WID 45	RWS 150
17/35	164	45a	PCR 350/R/D/1.00 MPa/T	WID 45	RWS 150

Grass areas AVBL WI RWS and Western Grass.

AERODROME AND APPROACH LIGHTING

RWY 17/35 LIRL AFRU+PAL 126.2 SDBY PWR AVBL

RWY edge light spacing: 17/35: Non STD 85.6M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 135.7 On Ground

LOCAL TRAFFIC REGULATIONS

1. Authorised movement areas are as follows:
   a. Western grass OPR area, bounded by RWS 17/35 and RWS 04/22 and TWY B, C and D.

   Caution: ACFT wingspan greater than 23M on TWY B, C or D will infringe Western Grass OPR area. ACFT taxiing on TWY B, C or D and RWY may conflict with ACFT LDG and TKOF Western Grass OPR area. All pilots exercise caution when taxiing.

   Caution: AAFC EFTS APN and TWY connecting to TWY B is for use by AAFC ACFT only. Vigilance RQ due to narrow TWY (7M wide).
   b. RWY 17/35, 04/22 and 08/26 which includes the grass area WI the RWS.
   c. Other sealed movement areas.
2. RWY incursion hotspots grass RWY 08/26 and TWY E. HLDG point markings INSTL on TWY E for RWY 08/26. ACFT are to hold for ACFT OPR on RWY 08/26 and BCST crossing undershoot of RWY 08. HLDG points RWY 08/26 are not to be confused with HLDG point for RWY 04.

Information may be continued on the next page: PTO

FLIGHT PROCEDURES

1. Special CCTS and operational PROC apply due to intensive Point Cook based flying training and dissimilar ACFT types. All pilots refer to *SPECIAL PROCEDURES* section.
2. All ACFT shall illuminate all AVBL external lighting when established within 3NM Point Cook ARP.
3. **Caution:** CTA LL 2500 to N.
   a. R330A not active: Transiting ACFT should BCST intentions and overfly Point Cook AD recommended 2,500FT AMSL when within 3NM of ARP, or remain outside 3NM - WX permitting.
   b. R330A active: Transiting ACFT overflying Point Cook AD require a clearance FM ML APP to transit at or above 2,500FT AMSL.
4. Join via straight-in approach or BASE not recommended when CCTS OPR.
5. Right hand CCTS RQ for CIV ACFT OPR RWY 04, 08 and 35.
6. Circuit height 1,000FT AMSL for ALL ACFT. Pilot OPR not at 1,000FT AMSL (e.g. low LVL CCTS, practice forced landing, glide) shall broadcast intentions and give way to TFC conforming to circuit height.
7. MIL high performance ACFT can enter the circuit at any time for OPS WI D383.
8. The minimum radio broadcasts are: Taxiing, Departure, Inbound, Joining and BASE:
9. BASE broadcast is to include a nominated ACFT LDG sequence number, determined by PSN behind preceding airborne ACFT. (e.g.'ABC Cessna 172, BASE 17 touch and go, number 2, Point Cook'.)
10. **CIRCUIT TRAINING**
    a. Circuit training permitted BTN the FLW HR:
       (i) MON-SAT 0730-2230 Local, during HDS 0730-2330 Local.
       (ii) SUN 0730 Local - Last Light.
    b. Crosswind CCTS:
       (i) All circuit TFC should operate to the same RWY if suitable. Pilots OPR to crosswind RWY shall give way to ACFT RQ most into wind RWY.
       (ii) All circuit TFC shall OPR to the same RWY when contra CCTS OPR due to conflicting flight tracks if OPR to crossing RWY. Refer to *SPECIAL PROCEDURES*.
11. Pilots conducting a practice RNP RWY 35 and not intending to land shall fly the APCH descend to not BLW 1,610FT to the MAPT then conduct the published missed APCH.
12. Pilots practising simulated engine failure RWY 35 are to discontinue the manoeuvre before reaching the northern AD BDRY and are to be established in the climb no later than the BDRY.
13. **SPECIAL PROCEDURES - ALL ACFT**

13.1. R330AB for conduct of flying displays by MIL and Warbird ACFT. OPS include AVM and low LVL formation flights. Display ACFT may RQ use of RWY other than the into wind RWY. ACFT not involved should remain clear of the AD manoeuvring area during a display.

13.2. **Special circuit procedures**
   a. Contra CCTS operate HJ. There is no dead side (non-active side) at Point Cook when contra CCTS may OPR.
   b. Warbirds will and MIL ACFT may conduct contra CCTS to the RWY or nominated grass area. FLW PROC apply to all ACFT when contra CCTS OPR:
      (i) Pilot initiating go-around must remain to their respective active side of RWY CL.
      (ii) Pilots OPR contra CCTS direction must clearly state intentions.
   c. **Western Grass OPR area**
      (i) Western grass RESTR to AUTH ACFT.
      (ii) Pilots vacating RWY 17/35 must give way to ACFT OPR on Western Grass OPR area and vacate via sealed RWY and TWY.

14. **VISUAL ARRIVAL**

14.1. There is no dead side (non-active side) at Point Cook HJ during contra CCTS OPR. Pilots of arriving ACFT must confirm status of contra CCTS OPR. Proceed when contra CCTS may be OPR:

a. **Altitude.** CIV ACFT OPR not BLW 1,500FT AMSL within 3NM when on the contra side of the RWY in use.

b. **Upwind.** Join the circuit area via published VFR approach points then overhead the AD via UPWIND leg at 1,500FT AMSL until ID circuit TFC. Descend to circuit height on the respective active side of RWY CL.

c. **Downwind.** If positioned on the respective active side of the circuit, pilots may join at circuit height via DOWNWIND remaining clear of established circuits TFC.

d. **Initial and pitch.** Warbird and MIL ACFT may rejoin via initial and pitch to contra CCTS direction provided circuit TFC has been identified and is clear. Initial point is 1NM downwind from LDG THR at 1,500FT AMSL. Pilots shall descend on the respective active side of RWY CL to circuit height prior to pitch. Pilot must not use MIL terminology. Radio calls must state position, altitude, intentions and circuit altitude.

15. **VISUAL DEPARTURE**

15.1. Depart turning in the direction of the respective active side of CCTS. If departure requires track via overhead Point Cook, recommended not BLW 2,000FT AMSL. If unable to depart on respective active side of circuit or via overhead procedure, clearly broadcast intentions and give way to arriving ACFT and circuit TFC.

CTAF - AFRU 126.2

NOISE ABATEMENT PROCEDURES

Werribee Open Range Zoo (APRX BRG 286 DEG true, 6.2NM FM ARP) is a noise sensitive area. Pilots should avoid overflight of this area where practicable.

ADDITIONAL INFORMATION

1. Bird and animal (livestock) hazard exists.
2. Small arms firing range APRX BRG 217 DEG MAG 540M FM THR RWY 04. Periods of range operation are notified by NOTAM. When in use:
   a. Marked by red flags and flashing red light on firing range butts.
   b. Range hazard area is SFC to 500FT AGL bounded by a semicircle to S, radius of 150M centred on the firing range butts.
   c. ACFT to remain clear of the range hazard area.
   d. RWY 04 closed for approach and landing.
3. Carriage and use of ADS-B equipment recommended for ACFT operating in D383AB.
4. ACFT conduct aerobatic OPS HJ WI D383B. ACFT monitor CTAF 126.2.
5. Caution: High velocity exhaust plume located at 375029S 1444718E up to MAX height 2,900FT AMSL.

CHARTS RELATED TO THE AERODROME

1. WAC 3469, 3470.
2. Also refer to AIP Departure and Approach Procedures.

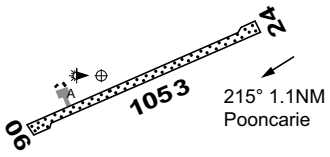
Information may be continued on the next page: PTO

POONCARIE

ELEV 154

AVFAX CODE 2223

NSW UTC +10 YPCE
332223S 1423506E VAR 9 DEG E CERT
AD OPR Shire of Wentworth, PO Box 81, Wentworth, NSW, 2648. PH 03 5027 5027.
ARO 0429 660 096 H24. Website: www.wentworth.nsw.gov.au.



REMARKS

1. AD charges apply.
2. Access AVBL in accordance with Council AD conditions of access and use. Refer to website.

PASSENGER FACILITIES

PT/WC.

AERODROME OBSTACLES

Lit masts:

a. 386FT AMSL BRG 212 DEG MAG 1,887M FM ARP. Infringes inner HZS by 83FT.
b. 412FT AMSL BRG 208 DEG MAG 1,716M FM ARP. Infringes inner HZS by 112FT.

PHYSICAL CHARACTERISTICS

06/24 054 35c 5700 kg/0.58 MPa Gravel WID 18 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 06/24 LIRL PAL+AA 120.6 SDBY PWR AVBL
RWY 06/24 edge light spacing: 60M.

OTHER LIGHTING

1. TWY LGT: Blue edge.
2. SDBY PWR switchover time: 40SEC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 122.1 2000FT

LOCAL TRAFFIC REGULATIONS

1. RWS not intended for take-off and landing.
2. Carriage and use of radio is required by the aerodrome operator.

CTAF 126.7

ADDITIONAL INFORMATION

Animal hazard may exist. Increased number of kangaroos, birds of prey and pelicans may be present in VCY of AD.

CHARTS RELATED TO THE AERODROME

WAC 3458.

POREPUNKAH

ELEV 935

FULL NOTAM SERVICE NOT AVBL



VIC			UTC +10	YPOK
364304S		1465324E	VAR 12 DEG E	UNCR

AD OPR Porepunkah Airfield Association, PO Box 4, Porepunkah, VIC, 3740. Email: info@ypok.org.au. PH 0490 175 178. Website: www.ypok.org.au.

REMARKS

1. PPR for all OPS including commercial and flight training. Register landing on website.
2. AD charges: refer to website.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL.

PHYSICAL CHARACTERISTICS

18/36 27c 3600 kg Unrated. Grass. RWY LEN 820M reduced to 740M DRG winter. Slope 1.4 degrees to N. WID 30

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.2 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. Carriage and use of radio is required by AD OPR.
2. Backtrack on RWY to avoid hangars.
3. Take-off on RWY 18 not recommended due to upslope and rising terrain.
4. Ground handling/training and commercial Helicopter OPS at YPOK. Ground handling OPS will be required to vacate RWY for all ARR and DEP ACFT.

CTAF 126.0

ADDITIONAL INFORMATION

1. High terrain in circuit area.
2. AD users include GA, RA, HEL, EMERG services, gliders, trikes, paragliders and model aircraft.
3. Pilot information on website.

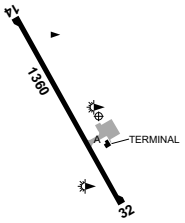
CHARTS RELATED TO THE AERODROME

WAC 3470.

PORMPURAAW

ELEV 11

AVFAX CODE 4525



QLD			UTC +10	YPMP
145351S		1413639E	VAR 5 DEG E	CERT

AD OPR Pormpuraaw Aboriginal Shire Council, Post Office, Edward River, QLD, 4871. Email: airlineagency@pormpuraaw.qld.gov.au. PH 0458 714 019: 0458 714 014 (AH on call). Council PH 07 4060 4603.

REMARKS

1. AD Charges: Landing, handling and parking fees apply to all ACFT.
2. PPR FM AD OPR for all AH flights. AH fees apply.
3. AD on Aboriginal Reserve. Only public area is AD proper. PPR to enter from Pormpuraaw Community Council.
4. Aerodrome operating hours 0730 - 1630 Local MON - FRI. For AH service CTC AD OPR with 60MIN PN.
5. Alcohol is restricted in Pormpuraaw Shire. Heavy penalties apply. Special provisions apply for alcohol being transported on consignment, and restrictions may vary from time to time. For latest information visit: https://www.qld.gov.au/firstnations/community-alcohol-restrictions/remote-discrete-communities and/or call 13 QGOV (13 74 68).

Information may be continued on the next page: PTO

HANDLING SERVICES AND FACILITIES
Nil fuel AVBL.

PASSENGER FACILITIES
WC/LG (air conditioned) and outside seating also AVBL.

AERODROME OBSTACLES
Lit mast 350FT AMSL, 0.8NM E of AD. Infringes HZS.

PHYSICAL CHARACTERISTICS
14/32 145 45a PCR 80/F/B/Y/T Sealed. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING
RWY 14/32 LIRL AFRU+PAL 126.7 SDBY PWR AVBL

OTHER LIGHTING
SDBY PWR switchover time: 8 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 118.2 8,000FT

LOCAL TRAFFIC REGULATIONS
1. Due to new seal, no hard turning or breaking by aircraft.
2. Avoid tight manoeuvres, 180 deg turns, or stationery wheel rotation.
3. Use Designated turning areas or shoulders wherever possible.
4. Minimise ground service vehicle use on RWY.
5. Do not operate on soft or bleeding areas.
6. Restrict high tyre pressures or heavy loads.

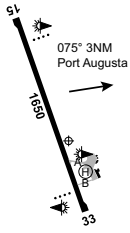
CTAF - AFRU 126.7

ADDITIONAL INFORMATION
Bird hazard exists at AD and is increased around RWY14/32 THR.

CHARTS RELATED TO THE AERODROME
1. WAC 3112.
2. Also refer to AIP Departure and Approach Procedures.

PORT AUGUSTA ELEV 56

AVFAX CODE 5004



SA UTC +9:30 YPAG
323025S 1374300E VAR 7 DEG E CERT
AD OPR Port Augusta City Council, 4 Mackay St (PO Box 1704), Port Augusta, SA, 5700. ARO 0488 776 904 H24. Council PH 08 8641 9100 H24.

REMARKS
1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES
Flying Fuels: 24HR carnet card and credit card swipe bowsers; AVGAS and JET A1. Others; call out fee applies. Phone 0429 695 728 if unanswered call 0412 602 447. EMERG SDBY PWR AVBL for fuel depot.

PASSENGER FACILITIES
PT/ME

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT C, METAR/SPECI.
2. AWIS PH 08 8150 3814 - Report faults to BoM.

PHYSICAL CHARACTERISTICS
15/33 152 54a PCR 145/F/B/0.98 MPa/U WID 30 RWS 150

AERODROME AND APPROACH LIGHTING
RWY 15/33 LIRL PAL+AA 122.8 SDBY PWR AVBL
RWY 15/33 PAPI(1) PAL+AA 122.8 3.0 DEG45FT SDBY PWR AVBL
(1) Left side only.
RWY edge light spacing: 15/33: 60M.

OTHER LIGHTING
1. TWY LGT: Blue edge on A and B.
2. Standby PWR switchover time: 15 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 123.9 Circuit Area (limited coverage on ground)

LOCAL TRAFFIC REGULATIONS
1. Apron and TWY limited to ACFT with MAX wingspan of 29M.
2. TWY B limited to ACFT with MAX 5,700KG MTOW and MAX wingspan 18M.
3. HLS suitable for refuelling and parking.

FLIGHT PROCEDURES
Right hand circuits when OPR RWY 33.

CTAF - AFRU 126.9

ADDITIONAL INFORMATION
Bird and animal hazard exists.

CHARTS RELATED TO THE AERODROME
1. WAC 3459.
2. Also refer to AIP Departure and Approach Procedures.

PORT CAMPBELL

VIC UTC +10 POCA
384000S 1431500E VAR 11 DEG E NO AD

REMARKS
See ERSA GEN SPECIAL PROCEDURES - FN8: PORT CAMPBELL NATIONAL PARK - FLY NEIGHBOURLY ADVICE for guidance and depiction.

PORT CAMPBELL HELIPORT

ELEV 250
FULL NOTAM SERVICE NOT AVBL

VIC UTC +10 YPHP
383744S 1430226E VAR 11 DEG E UNCR
AD OPR 12 Apostles Helicopters, Glenample, Princetown, VIC, 3269. PH 03 5598 8283.

REMARKS
1. HLS charges: $50/landing.
2. PPR for all OPS - PH 03 5598 8283.
3. Heliport closed before 0800 and after 1HR before sunset DLY.

HANDLING SERVICES AND FACILITIES
12 Apostles Helicopters: PN required 03 5598 8283. AVGAS AVBL with prior arrangement with HLS OPR, V and MC.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 125.8

CTAF 127.1

CHARTS RELATED TO THE AERODROME
WAC 3469.

Information may be continued on the next page: PTO

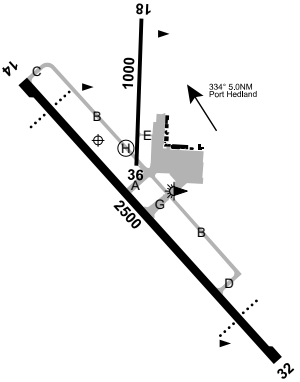
PORT HEDLAND

ELEV 33

AVFAX CODE 6801

WA		UTC +8	YPPD
202240S	1183735E	VAR 1 DEG E	CERT

AD OPR PHIA Operating Company Pty Ltd, Port Hedland International Airport, PO Box 356, Port Hedland, WA, 6721. Email: operations@phia.com.au. ARO 0417 108 850 (H24).
Website: www.porthedlandairport.com.au.



REMARKS

1. All non-RPT arrivals and departures must be notified to AD OPR prior to OPS, refer to website.
2. AD charges: ALL ACFT. Refer to website for latest information for landing and parking fees.
3. This is a security controlled airport. Security requirements:
   a. All pilots are required to maintain the safety and security of passengers airside at all times.
   b. ASIC to be worn and clearly displayed when airside.
   c. Irrespective of size of ACFT, security screening is required for all passengers departing from the Terminal within the operational period of RPT - 90 MIN prior to arrival and 30 MIN after DEP.
4. Air Terminal AVBL 2200-1100 UTC, PPR AH contact ARO.
5. Emergency gate access contact ARO.
6. GA access via terminal electronic doors not AVBL.
7. All persons excluding PAX operating or accessing airside must wear high VIS attire at all times.

HANDLING SERVICES AND FACILITIES

AIR BP: 0700-1800 Local JO, AH 1HR PN - out of hours fees apply. Phone: 0429 031 306, Email: airbpporthedland@mssgroup.com.au, Fax: 08 7109 0050. H24 AVGAS card bowser, JET A1.
AERO REFUELLERS/3 DOGS AVIATION: JET A1 plus FSII refuellers, single point and overwing, Aeroshell lubricants. 0600-1800 Local MON-FRI, AH 1HR PN - out of hours fees apply.
Aero Refuellers Carnet, MC and V. INTL and DOM ground handling AVBL on request.
TEL 0418 459 060. Email: shane@3dogsaviation.com.
NORTHWEST AVIATION SERVICES: Ground handling AVBL on request. TEL 0429 011 222 or 0459 224 313. Email: opsmanager.pheairport@nwas.net.au.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 6
   a. MON - FRI: 2315-1130 UTC.
   b. SAT: 2315-0500 UTC
   c. SUN: 0415-1130 UTC.
2. 131.0 MHz AVBL HO.

APRONS AND TAXIWAYS

1. TWY B, C and D not AVBL to ACFT ABV 20,000KG MTOW.
2. All ACFT ABV 20,000KG must use TWY A or G.
3. TWY E not AVBL to ACFT ABV 5,700KG.
4. Northern APN not AVBL to ACFT ABV 5,700KG.
5. Main APN PRKG Bays 1-6 and 8, 48HR PN to AD OPR for PRKG ACFT other than RPT.
6. ACFT taxiing or holding on TWY A for RWY 14/32 may infringe ACFT APP SFC for RWY 36 or TKOF on RWY 18.
7. The following TWY are not lit, and are suitable for daylight OPS only:
   a. TWY C;
   b. TWY B BTN TWY A and TWY D;
   c. TWY B BTN TWY C and RWY 18/36;
   d. TWY D;
   e. TWY E.
8. TWY A restrictions: ACFT ABV 50,000KG MTOW to use TWY G H24, TFC flow permitting.
9. GA APN: TWY and TXL MNM separation DIST FM parked ACFT and fixed obstacles not guaranteed for Code B ACFT.

AERODROME OBSTACLES

1. LIOL BRG 103 DEG MAG 0.73NM FM ARP, 162FT AMSL.
2. Unlit masts:
   a. BRG 222 DEG MAG 2.6NM FM ARP, 224FT ABV AD ELEV.
   b. BRG 120 DEG MAG 1.1NM FM ARP, 171FT AGL.
   c. BRG 297 DEG MAG 0.56NM FM ARP, 74FT AGL. Infringes transitional SFC by 10FT.
3. Cranes in area (Wedgefield) 330FT AMSL BTN BRG 258 and 294 DEG MAG, 1 to 2.4NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI.
2. AWIS Phone 08 6216 2634 - Report faults to BoM.
3. AWIS FREQ 133.2 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

14/32	137	82a	PCR 390/F/A/X/T 60M either end not grooved.	WID 45	RWS 300
18/36	182	33a	PCR 80/F/A/Z/U	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 14/32	MIRL(1)	AFRU+PAL 119.9		SDBY PWR AVBL
RWY 14/32	PAPI(2)	AFRU+PAL 119.9	3.0 DEG49FT	SDBY PWR AVBL
RWY 18/36	LIRL	AFRU+PAL 119.9		

(1) ACT DRG AFIS HR. PAL will ACT outside of AFIS HR.
(2) Double sided. ACT DRG AFIS HR. PAL will ACT outside AFIS HR.
1. Also AVBL by key operated switching for scheduled RPT OPS and EMERG.
2. RWY 14/32 longitudinal LGT spacings 60M.
3. PAL activates stage 2 lighting. All other stages operated manually by AFIS or Duty Airport Operations Officer.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. PAL activates main APN lighting.
3. TWY LGT: Green CL.

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	118.6 On Ground (Outside AFIS HR)
AFIS	HEDLAND INFORMATION	119.9 (2)
ATIS	HEDLAND ATIS	133.65 (1)

(1) Also AVBL 08 9158 5995.
(2) Callsign HEDLAND INFORMATION.

1. AFIS HR:
   a. MON-FRI: 2330-1040 UTC
   b. SAT: 2330-0615 UTC
   c. SUN: 0400-1040 UTC
   Phone: 08 9158 5940^ or email: hedland.tower@airservicesaustralia.com
   Note: AFIS HR may change at short notice. Check status of airspace with ATS or Port Hedland ATIS.
2. Hedland provides a TFC INFO service in the PD Broadcast Area, 20NM radius of PD to 8,000FT AMSL.
3. Outside AFIS HR the PD Broadcast Area remains Class G, with non-towered aerodrome PROC applying and FIS provided by ML Centre.

RADIO NAVIGATION AND LANDING AIDS

DME	PD	114.1/ 88X	202242.5S	1183722.3E		(1)
NDB	PD	260	202316.2S	1183837.6E	Range 100 (HN 75) OW 140 (OW HN110)	(2)
VOR	PD	114.1	202242.5S	1183721.8E		

(1) Antenna ELEV 46FT.
(2) 298/1.2 to ARP

LOCAL TRAFFIC REGULATIONS

1. Pilots are REQ to minimise ground running of turboprop ACFT in the vicinity of parking Bays 1-5 to reduce noise levels in terminal.
2. 48HR PN to AD OPR REQ for PRKG of ACFT ABV 5,700KG MTOW.
3. All ACFT ABV 20,000KG LDG RWY 14/32 must roll through to RWY end prior to executing 180 DEG turn using turning nodes. Full back track to TWY A or G.
4. Skid equipped HEL restricted to authorised helipads only.
5. Wide body ACFT to use yellow dash lines when taxiing from RWY 14/32 onto TWY A.
6. Departing ACFT from Bays 1-8 must use turn out lines.
7. No DCT APCH LDG or DEP from the APN areas. All ARR and DEP to be conducted from designated TWY or RWY.

CTAF - AFRU 119.9

ADDITIONAL INFORMATION

1. CAUTION: significant wildlife hazard exists. Corella, ibis, and gulls flocking OHD AD. SFC to 100FT AGL, with ACT peaking around dawn and dusk.
2. Port Hedland Heliport (YHIP) BRG 321MAG 4.7NM FM ARP.
3. HEL OPS WI 30NM of YHIP using night vision goggles primarily over water for maritime transfer may not be displaying external lighting.
4. Weather balloon launch APRX 2315 UTC FM 240M E RWY 18 THR. Launches may occur at other times.

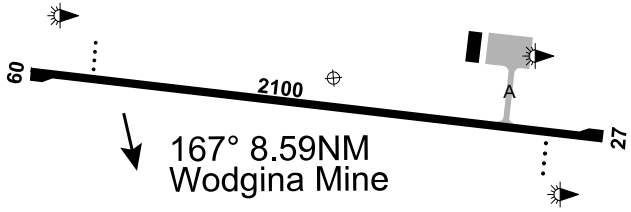
CHARTS RELATED TO THE AERODROME

1. WAC 3229.
2. Also refer to AIP Departure and Approach Procedures.
3. Type A Chart: RWY 14/32: November 2023.

PORT HEDLAND/WODGINA ELEV 411

AVFAX CODE 6836

WA UTC +8 YWGA
210209S 1183837E VAR 1 DEG E CERT
AD OPR Wodgina Lithium Pty Ltd, 20 Walters Drive, Osborne Park, WA, 6017.
Email: wodginaairportsupervisor@mrl.com.au. PH AD Supervisor: 0417 451 395.
ARO 0475 187 291.



REMARKS

1. PPR from AD OPR.
2. PRI source of PWR is derived from a generator.

HANDLING SERVICES AND FACILITIES

VIVA Energy Australia Pty Ltd. JET A1 AVBL. 2HR PN RQ. CTC PH 0475 187 291.

PASSENGER FACILITIES

WC/RF/LG and Telstra 4G reception.

AERODROME OBSTACLES

Unlit Terrain 673FT AMSL BRG 195DEG MAG 2.63NM FM ARP, Infringes conical SFC by 10FT.

PHYSICAL CHARACTERISTICS

09/27 095 69a PCR 450/F/C/X/T Grooved WID 30 RWS 300

AERODROME AND APPROACH LIGHTING

RWY 09/27 LIRL PAL+AA 120.6 SDBY PWR AVBL
RWY 09/27 PAPI(1) PAL+AA 120.6 3.0 DEG53FT SDBY PWR AVBL
RWY 09/27 PTBL(2) BY PRIOR ARRANGEMENT

(1) Left side only.
(2) AVBL with 2HR PN.

1. RWY edge light spacing: 09/27 60M.
2. No mains PWR AVBL.

OTHER LIGHTING

1. SDBY PWR switchover time: 6 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 118.6 Circuit Area
UNICOM WODGINA UNICOM 132.225 (1)

(1) AVBL for scheduled movements.

LOCAL TRAFFIC REGULATIONS

1. RWY 09/27: All fixed wing ACFT ABV 20,000KG must make MAX RAD turns at MNM speed at all turning nodes to avoid SFC damage.
2. PRKG by prior arrangement from ARO.
3. Itinerant PRKG to SW end of APN.
4. All ACFT to follow APN markings.
5. All jet ACFT to use idle power for movements on the APN with the exception of breakaway thrust to initiate taxi. ACFT that cannot comply with this restriction must advise the AD OPR prior to departure.

FLIGHT PROCEDURES

Due to terrain no circling south of RWY 09/27.

CTAF - AFRU 126.7

Information may be continued on the next page: PTO

ADDITIONAL INFORMATION

Blasting details; CTC AD Manager/ARO. Occurs at the following:

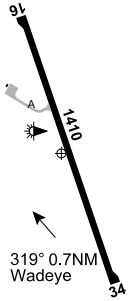
a. BRG 168.88 DEG MAG 9.39NM from ARP.
b. BRG 098.65 DEG MAG 14.64NM from ARP.
c. BRG 094.61 DEG MAG 14.69NM from ARP.

CHARTS RELATED TO THE AERODROME

1. WAC 3229.
2. Also refer to AIP Departure and Approach Procedures.

PORT KEATS — ELEV 111

AVFAX CODE 8051



NT UTC +9:30 YPKT
141500S 1293145E VAR 2 DEG E CERT
AD OPR West Daly Regional Council, PO Box 36294, Winnellie, NT, 0821.
Email: info@westdaly.nt.gov.au. PH BH 08 7922 6403. ARO 0488 259 549.

REMARKS

1. AD Charges: All ACFT.
2. All personnel excluding PAX operating or accessing airside must always wear high visibility attire.

PASSENGER FACILITIES

Telstra 5G mobile reception.

AERODROME OBSTACLES

Trees:

a. Line of trees 150FT AMSL MAX, BTN 332 and 333 DEG MAG, 556M to 680M FM ARP. Infringes TNS up to 32FT.
b. Line of trees 173FT AMSL MAX, BTN 163 and 233 DEG MAG, 113M to 653M FM ARP. Infringes TNS by up to 27FT.
c. Fence line 116FT AMSL MAX, BTN 163 and 176 DEG MAG, 75M to 378M FM ARP. Infringes TNS by up to 3FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D - METAR/SPECI.
2. AWIS PH 08 7922 2512 - Report faults to BoM.
3. AWIS FREQ 124.75 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

16/34 159 46a Unrated. Sealed WID 23 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 16/34 LIRL(2)
RWY 16/34 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG only. 40MIN PN.
(2) Automatically ACT HN.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.15 FL110

LOCAL TRAFFIC REGULATIONS

Tie-downs have not been load tested.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

1. Bird hazard exists.
2. Possibility of animals on movement area.

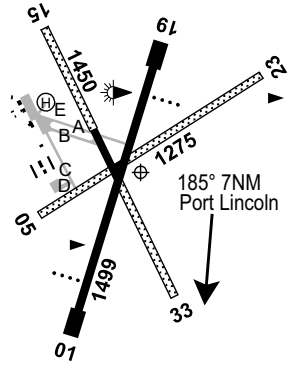
CHARTS RELATED TO THE AERODROME

1. WAC 3109.
2. Also refer to AIP Departure and Approach Procedures.

PORT LINCOLN

ELEV 36

AVFAX CODE 5008



SA UTC +9:30 YPLC
343619S 1355249E VAR 7 DEG E CERT
AD OPR District Council of Lower Eyre Peninsula, 32 Railway Terrace, Cummins, SA, 5631. ARO H24 0428 762 106. Council PH 08 8676 0400.

REMARKS

1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

World Fuel Services: H24 self-serve bowser JET A1 and AVGAS. World Fuel Services cards, V and MC accepted via smartphone APP. Call-out fee may apply. Others minimum 1HR notice PH: 0448 874 251.

APRONS AND TAXIWAYS

1. TWY A MAX 8,000KG/880 (128PSI), Sealed.
2. TWY B Sealed, unrated.

SURFACE MOVEMENT GUIDANCE

Lateral spacing of lights 49M RWY 01/19 only.

AERODROME OBSTACLES

NBN TWR 325FT AMSL 2,385M (1.29NM) 267 DEG MAG FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS PH 08 8150 3815 - Report faults to BoM.
3. AWIS FREQ 133.1 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

01/19	010	49a	PCR 165/F/C/0.98 MPa/U	WID 30	RWS 150
05/23	051	42c	5700 kg/0.52 MPa Gravel	WID 30	RWS 90
15/33	147	48c	PCR 70/F/C/0.85 MPa/U Sealed high strength BTN TWY B and RWY 01/19	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 01/19	LIRL	PAL+AA 124.1		SDBY PWR AVBL
RWY 01/19	PAPI(1)	PAL+AA 124.1	3.0 DEG45FT	SDBY PWR AVBL
RWY 15/33	LIRL	PAL+AA 124.1		SDBY PWR AVBL

(1) Left side.

RWY edge light spacing: 01/19: 90M, 15/33: 90M

OTHER LIGHTING

1. TWY LGT: Blue edge on A, B and E.
2. Secondary PWR switchover time: 15 SEC

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.9 On Ground

RADIO NAVIGATION AND LANDING AIDS

NDB	PLC	389	343615.9S	1355223.7E	Range 70 (HN 70) OW 85 (OW HN85)

LOCAL TRAFFIC REGULATIONS

1. One HEL PRKG position AVBL NE of RPT apron.
2. Sealed apron is restricted to RPT ACFT, unless prior arrangements have been made.
3. RPT ACFT to use turning nodes on RWY 01/19.
4. TWY A not AVBL to ACFT ABV 8,000KG MAX all up weight.
5. TWY C not AVBL to ACFT ABV 5,700KG MTOW.

Information may be continued on the next page: PTO

FLIGHT PROCEDURES

Right hand circuits RQ when OPR on RWY 01, RWY 05 and RWY 33.

CTAF - AFRU 128.0

ADDITIONAL INFORMATION

1. Bird hazard exists.
2. RWY grass strips not maintained for ACFT OPS.

CHARTS RELATED TO THE AERODROME

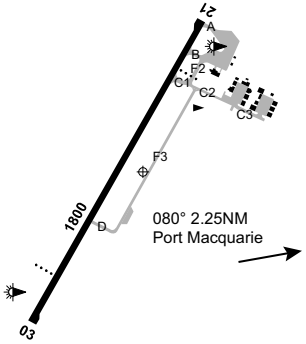
1. WAC 3459.
2. Also refer to AIP Departure and Approach Procedures.

PORT MACQUARIE — ELEV 15

AVFAX CODE 2015

NSW		UTC +10	YPMQ
312609S	1525148E	VAR 12 DEG E	CERT

AD OPR Port Macquarie-Hastings Council, PO Box 84, Port Macquarie, NSW, 2444.
Email: airport.operations@pmhc.nsw.gov.au. ARO H24 0418 408 529.



REMARKS

1. AD Charges: All ACFT. Additional charges for PAX through RPT terminal.
2. This AD is a Security Controlled Airport.
3. Conditions of use are promulgated at www.pmhc.nsw.gov.au or www.portmacquarieairport.com.au or by request through ARO.
4. Gate Code access to airside AVBL to bona fide aircrew by contacting ARO.
5. Pilots, crew and operators must display a current ASIC when airside and have a bona fide reason to be in the Security Restricted Area.

HANDLING SERVICES AND FACILITIES

Air BP: Todd Millerd PH 0402 839 657. MON-FRI 0800-1730 Local. AH call-out and/or opening fees apply. AVGAS and JET A1.
Helicopter fuel bowser OPS RESTR to MAX R44 (AVGAS). Turbine helicopters to use helicopter PRKG area (blue cones) and truck refuelling.

PASSENGER FACILITIES

PT/TX/HC/RF/WC/LG

APRONS AND TAXIWAYS

1. TWY A at RWY 21 THR for RPT APN Bay 3, 3A and 4.
2. TWY B for RPT APN Bay 1, 1R, 2, 3A and 3AR.
3. Use of the RPT Bays 1 to 4 is restricted to RPT ACFT and aerial ambulance (excluding helicopters). Other ACFT ABV 5,700KG as approved by AD OPR with 72 HR PN. All Code B ACFT BLW 5,700KG to use GA TWY C and GA aprons.
4. TWY C2 and C3 not AVBL to ACFT ABV 5,700KG MTOW and wingspan greater than 18M.
5. TWY C1 and F2 restricted to MAX 20,000KG MTOW and MAX 28M wingspan.
6. TWY D and F3 not AVBL to ACFT ABV 5,700KG MTOW and wingspan greater than 15M.

AERODROME OBSTACLES

1. Lit group of TWR:
   a. Transit Hill, BRG 109 DEG MAG 6,297M FM ARP, 529FT (MAX) AMSL. Infringes outer HZS.
   b. APN and car park, BRG 022 DEG MAG 570-845M FM ARP, 95FT (MAX) AMSL. Infringes transitional SFC (east).
2. OBST:
   a. BRG 079 DEG MAG 3,240M FM ARP, 204FT AMSL. Infringes COS.
   b. BRG 084 DEG MAG 2,735M FM ARP, 210FT AMSL. Infringes inner HZS.
   c. BRG 095 DEG MAG 1,910M FM ARP, 252FT AMSL. Infringes inner HZS.
3. TWR BRG 072 DEG MAG 4,888M FM ARP, 272FT AMSL. Infringes COS.
4. Lit TWR:
   a. BRG 260 DEG MAG 4,022M FM ARP, 214FT AMSL. Infringes inner HZS.
   b. Marked HJ and lit HN, BRG 123 DEG MAG 2,666M FM ARP, 177FT AMSL. Infringes inner HZS.
   c. Marked HJ and lit HN, BRG 091 DEG MAG 2,984M FM ARP, 172FT AMSL. Infringes inner HZS.
   d. 220FT AMSL PSN 312751.0S 1524916.0E. Infringes COS.
5. RWY 21 approach surface - trees:
   a. BRG 009 DEG MAG 1,440M FM ARP. Infringes approach by 20FT.
   b. BRG 017 DEG MAG 1,536M FM ARP. Infringes approach by 12FT.
   c. BRG 011 DEG MAG 1,522M FM ARP. Infringes approach by 18FT.
   d. BRG 018 DEG MAG 1,203M FM ARP. Infringes approach by 20FT
   e. BRG 018 DEG MAG 1,413M FM ARP. Infringes approach by 20FT.
   f. BRG 013 DEG MAG 1,372M FM ARP. Infringes approach by 20FT.
   g. BRG 006 DEG MAG 1,351M FM ARP. Infringes approach by 24FT.
   h. BRG 007 DEG MAG 1,362M FM ARP. Infringes approach by 25FT.
6. RWY 03 approach surface - trees:
   a. BRG 198 DEG MAG 2,538M FM ARP. Infringes approach by 26FT.
   b. BRG 201 DEG MAG 3,749M FM ARP. Infringes approach by 20FT.
   c. BRG 200 DEG MAG 2,514M FM ARP. Infringes approach by 21FT.
   d. BRG 200 DEG MAG 1,218M FM ARP. Infringes approach by 24FT.
   e. BRG 208 DEG MAG 1,442M FM ARP. Infringes approach by 15FT.
   f. BRG 205 DEG MAG 3,866M FM ARP. Infringes approach by 27FT.
   g. BRG 194 DEG MAG 2,988M FM ARP. Infringes approach by 18FT.
   h. BRG 200 DEG MAG 1,218M FM ARP. Infringes approach by 24FT.
   i. BRG 207 DEG MAG 1,849M FM ARP. Infringes approach by 27FT.
   j. BRG 205 DEG MAG 2,701M FM ARP. Infringes approach by 30FT.
   k. BRG 198 DEG MAG 1,370M FM ARP. Infringes approach by 43FT.
   l. BRG 201 DEG MAG 1,292M FM ARP. Infringes approach by 29FT.
   m. BRG 196 DEG MAG 2,628M FM ARP. Infringes approach by 29FT.
   n. BRG 197 DEG MAG 2,568M FM ARP. Infringes approach by 25FT.
   o. BRG 202 DEG MAG 3,453M FM ARP. Infringes approach by 23FT.
   p. BRG 200 DEG MAG 1,498M FM ARP. Infringes approach by 17FT.
   q. BRG 202 DEG MAG 1,138M FM ARP. Infringes approach by 20FT.
   r. BRG 204 DEG MAG 1,760M FM ARP. Infringes approach by 18FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS Phone 02 9353 6447 - Report faults to BoM.
3. AWIS FREQ 128.45 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

03/21	017	59a	PCR 240/F/C/1.40 MPa/T Grooved		WID 45	RWS 150

RWY end turning nodes, 54 WID.

AERODROME AND APPROACH LIGHTING

RWY 03/21	LIRL(1)	PAL 122.3		SDBY PWR AVBL
RWY 03/21	PAPI	PAL 122.3	3.0 DEG54FT	SDBY PWR AVBL

(1) PAL HN only

RWY edge light spacing: 03/21: 60M.

Information may be continued on the next page: PTO

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge on A, B, C1 and F2.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.55 Circuit Area

For on ground COM, contact Brisbane Centre on 126.6.

RADIO NAVIGATION AND LANDING AIDS

NDB PMQ 395 312608.4S 1525200.3E Range 35 (HN 35) OW 70 (OW HN70)

LOCAL TRAFFIC REGULATIONS

1. Parking - RPT Apron not AVBL for GA, Helicopters or itinerant ACFT parking with the exception of Air Ambulance, RAAF and freight OPR. Other requests considered with 72 HR PN. Written approval required for ACFT that require RPT apron due to mass or wingspan limitations and/or pavement concessions. ACFT parking and Passenger fees apply.
2. GA ACFT engine runs and run-ups should be conducted in dedicated/marked run-up bays located off TWY F3. Contact ARO for other location requests.
3. ACFT ABV 20,000KG MTOW to execute 180DEG turns at RWY end turning nodes.
4. HEL approach and departures to be made on RWY or within RWS. No direct approaches to be made to HEL PRKG area (marked by blue cones). HEL taxilane to/from HEL PRKG located S TWY C1, W TWY F3 (marked by blue cones).

FLIGHT PROCEDURES

1. Mandatory CTAF broadcasts required before operating on RWY.
2. RWY 03/21 RWY sight distance does not comply with MOS Part 139 - para 6.2.7.2. CTC AD OPR.
3. Pilots are requested to avoid flying over residential buildings.
4. **Seaplanes**
   a. CCTS to be made out to sea at 500FT.
   b. OPR only in VMC.
   c. To be radio equipped and make calls entering and in the circuit.

CTAF - AFRU 118.1

ADDITIONAL INFORMATION

1. PJE WI 2NM AD up to 10,000FT AMSL. Parachuting ACFT will broadcast on CTAF and area FREQ.
2. Flying fox activity exists during twilight periods.
3. Aerobatic area - 1KM S PMQ golf course, 1KM N Lake Cathie, 1NM E and parallel to coast and E of PMQ - Lake Cathie road.
4. Seaplanes OPR on the Hastings River N and NE of RWY 21 THR.

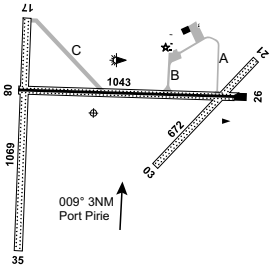
CHARTS RELATED TO THE AERODROME

1. WAC 3357.
2. Also refer to AIP Departure and Approach Procedures.

PORT PIRIE

ELEV 39

AVFAX CODE 5032



SA UTC +9:30 YPIR
331420S 1375942E VAR 8 DEG E CERT
AD OPR Port Pirie Regional Council, PO Box 45, Port Pirie, SA, 5540. PH 08 8633 9777. ARO 0407 602 077 H24.

HANDLING SERVICES AND FACILITIES

Flying Fuels AVGAS 100 and JET A1, H24 credit card swipe bowsers. Compac Pay APP PH: 0412 602 447 H24.
PH: 0407 602 077.

PASSENGER FACILITIES

TX/WC/RF/LG

PHYSICAL CHARACTERISTICS

03/21	034	22c	Unrated. Natural.	WID 30	RWS 90
08/26	083	34a/c	Unrated. Gravel. Central 18M sealed.	WID 30	RWS 90
17/35	173	35c	Unrated. Gravel.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 08/26 LIRL AFRU+PAL 126.9 SDBY PWR AVBL
RWY 08/26 edge light spacing 60M.

OTHER LIGHTING

ABN FLG 3 W
1. SDBY PWR switchover time: 30MIN PN.
2. TWY LGT: Blue edge on B.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 123.9 On Ground

CTAF - AFRU 126.9

CHARTS RELATED TO THE AERODROME

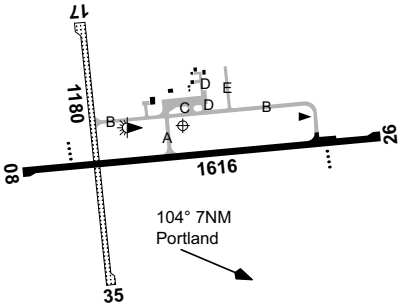
1. WAC 3459.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

PORTLAND ELEV 266

AVFAX CODE 3013

VIC UTC +10 YPOD
381905S 1412816E VAR 10 DEG E CERT
AD OPR Glenelg Shire Council, PO Box 152, Portland, VIC, 3305. PH 0427 360 578 H24. Council PH 03 5522 2200. Fax Council 03 5522 2290.



REMARKS

AD Charges: All commercial ACFT.

HANDLING SERVICES AND FACILITIES

Portland Aero Club: AVGAS H24 self-service bowser. V and MC. Phone 0417 163 324.
Glenelg Shire Council: JET A1 H24 self-service bowser. V and MC. Phone 0427 360 578.

APRONS AND TAXIWAYS

1. TWY A, TWY B (FM TWY A to TWY C) and TWY C, sealed, unrated.
2. TWY D and TWY E, sealed MAX 5,700KG.
3. TWY B west of TWY A and east of TWY E, grassed MAX 5,700KG.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 03 8470 3204 - Report faults to BoM.
3. AWIS FREQ 118.75 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

08/26	077	53a	PCR 90/F/B/0.87 MPa/U	WID 30	RWS 150
17/35	167	39c	5700 kg/0.55 MPa Natural Surface. Central 23M Gravel	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 08/26	LIRL	AFRU+PAL 127.95		SDBY PWR AVBL
RWY 08/26	PAPI(1)	AFRU+PAL 127.95	3.0 DEG39.4FT	SDBY PWR AVBL

(1) Left side.

1. RWY edge light spacing: 08/26: 60M.
2. HJ selection of PAL will only activate PAPI. RWY lights will only OPR when poor light levels exist.
3. PAL 30 MIN cycle, 10 MIN warning.

OTHER LIGHTING

1. Secondary PWR switchover time: 20 SEC.
2. TWY A, TWY B (from TWY A to TWY C) and TWY C Green CL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.8 Circuit Area

CTAF - AFRU 127.95

ADDITIONAL INFORMATION

Bird and animal hazard exists.

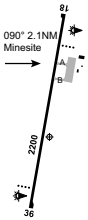
CHARTS RELATED TO THE AERODROME

1. WAC 3469.
2. Also refer to AIP Departure and Approach Procedures.

PROMINENT HILL

ELEV 741

AVFAX CODE 5206



SA UTC +9:30 YPMH
294304S 1353128E VAR 6 DEG E CERT
AD OPR BHP Copper SA, 2 Hamra Drive, Adelaide Airport, SA, 5950.
Email: prominenthillaerodrome@bhp.com. PH Aviation Supervisor 0488 051 628.
ARO H24 0427 594 817.

REMARKS

Restricted OPS: PPR FM AD OPR.

HANDLING SERVICES AND FACILITIES

VIVA Energy Aviation: JET A1 CTC ARO.
Marshalling, parking allocation and ground handling by prior arrangement with AD OPR.

PASSENGER FACILITIES

LG/RF/WC. Telstra 4G mobile reception.

AERODROME OBSTACLES

1. Lit:
   a. Radio mast 936FT AMSL, PSN 294329.78S 1353412.61E. Infringes COS.
   b. TWR 817FT AMSL, PSN 294338.79S 1353340.47E. Infringes HZS by 16FT.
2. Multiple cranes 948FT AMSL, BTN APRX BRG 092 and 088 DEG MAG 2.2NM FM ARP. Infringes COS.
3. Light pole on stockpile 853FT AMSL, PSN 294249.68S 1353344.23E. Infringes HZS by 52FT.

PHYSICAL CHARACTERISTICS

18/36 184 72a PCR 240/F/B/1.08 MPa/T WID 30 RWS 150
Pavement concessions to be assessed by AD OPR for ACFT exceeding published PCR 240.

AERODROME AND APPROACH LIGHTING

RWY 18/36 LIRL PAL+AA 122.8
RWY 18/36 PAPI(1) PAL+AA 122.8 3.0 DEG45FT
RWY 18/36 PTBL(2) BY PRIOR ARRANGEMENT
(1) Left side.
(2) 60MIN PN. CTC ARO.
1. RWY edge light spacing: 18/36: 60M.
2. Selection of PAL HJ will activate PAPI only EXC where low LGT conditions exist due WX. Normal RWY LGT activation HN.
3. APN LGT AVBL Bay 3 only.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 122.0 7000FT

LOCAL TRAFFIC REGULATIONS

1. RWY 18/36 ACFT ABV 5,700KG MTOW must make MAX radius turns at MNM speed at turn pads to avoid SFC damage.
2. Refuelling AVBL Bay 3 only.

FLIGHT PROCEDURES

1. Right hand CCTS RQ when OPR RWY 18.
2. ACFT to avoid overflying the mine and plant areas E of AD due obstacles and blasting.

CTAF - AFRU 126.6

ADDITIONAL INFORMATION

Bird hazard exists. Nankeen Kestrel may be present in VCY of AD.

CHARTS RELATED TO THE AERODROME

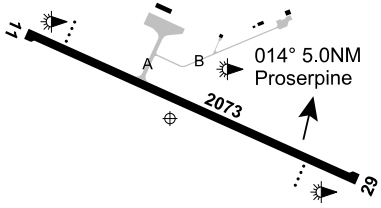
1. WAC 3354.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

PROSERPINE/WHITSUNDAY COAST ELEV 82

AVFAX CODE 4405

QLD UTC +10 YBPN
202942S 1483308E VAR 8 DEG E CERT
AD OPR Whitsunday Regional Council, PO Box 104, Proserpine, QLD, 4800.
Email: wca@wrc.qld.gov.au. ARO 0417 762 235. Website: www.whitsundayrc.qld.gov.au.



REMARKS

1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport.
3. High VIS clothing required for pilots and crew.
4. A valid ASIC must be displayed by pilots, crew and staff at all times while airside.
5. For all itinerant aircraft operations using the main ATO APN, passenger access to the terminal building and facilities is via pedestrian Gate 4A.
6. For all itinerant aircraft operations using the GA APN, passenger access to the terminal building and facilities is via pedestrian Gate 7A.

HANDLING SERVICES AND FACILITIES

VIVA Energy: HR vary with airline RPT schedule. AH call out fee applies, PN advised.
PH 0428 269 457. JET A1 and AVGAS 100LL. Viva Fuel2Sky card, Universal Aviation Australia, World Fuel Services (Australia) and credit cards (V and MC).
IOR Aviation Pty Ltd. JET A1 AVBL truck over-wing and under-wing. AVGAS 100LL AVBL H24 7 days 0800 - 1600 Local. AH call-out AVBL, fees apply $275 plus GST. Payment method via IOR Aviation account holders, V and MC and EFTPOS. PH: 0409 193 513 or 1300 457 467.
Note: AVGAS not AVBL at night due to no lighting on TWY B (see Local Traffic Regulations Note 6). Limited Vodafone coverage in vicinity of bowser.

General

AD OPR does not provide marshalling services. For ground handling support, contact Precision Aviation Services 0436 030 262.

PASSENGER FACILITIES

WC. Located landside adjacent to the airport management building and also within the passenger terminal building during operational hours. For General Aviation users, access to these toilet facilities is via Gate 7A. For access assistance PH 0417 762 235.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 6:
   a. MON, WED, FRI and SUN 0000-0905 UTC.
   b. TUE and THU 0000-0605 UTC.
   c. SAT 0000-0625 UTC.
2. EMERG FREQ 131.0MHz AVBL HO.

AERODROME OBSTACLES

Unlit fence 8.5FT AGL 114M N of THR RWY 11 extend CL infringes 300M APCH inner edge. GRAD 71.6.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI.
2. AWIS Phone 07 3564 3732 - Report faults to BoM.
3. AWIS FREQ 126.25 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

11/29 106 68a PCR 520/F/A/X/T Grooved. WID 45 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 11/29	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL
RWY 11/29	PAPI	AFRU+PAL 126.7	3.0 DEG50FT	SDBY PWR AVBL
RWY 11	RTIL(1)	AFRU+PAL 126.7		SDBY PWR AVBL

(1) Activated in conjunction with PAPI H24 in three stages: Day, Twilight and Night.

1. RWY edge light spacing: 11/29: 60M.
2. For EMERG activation Phone 0417 762 235.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Green CL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 135.5

For on GND COM contact Brisbane centre on 134.7.

RADIO NAVIGATION AND LANDING AIDS

DME	PN	113.7/ 84X	202948.7S	1483310.2E	(2)
VOR	PN	113.7	202948.8S	1483310.7E	(1)

(1) UNREL BTN 260-270 radials.

(2) Antenna ELEV 97FT.

LOCAL TRAFFIC REGULATIONS

1. All local and charter ACFT requiring access to main RPT apron must park on Bay 1. Notification is required in advance for permission to park on main apron.
2. **RPT operations on Bay 2, 3 and 4 only**
   a. Deplaning local commuter and charter ACFT. While RPT operations are in progress pilots of all other ACFT will escort their passengers directly to gate 4A not mixing with RPT passengers.
   b. Emplaning local commuter and charter ACFT. While RPT operations are in progress pilots of all other ACFT will escort passengers directly through gate 4A ensuring passengers do not mix with RPT passengers.
   c. Whitsunday Regional Council as airport operator reserves the right to change these conditions at any time.
3. All itinerant ACFT BLW 5,700KG are to park in the designated light ACFT PRKG area via TWY B unless prior approval obtained for main apron. Safety officer (0417 762 235).
4. Parking of non RPT ACFT ABV 5,700KG is AVBL after approval from Safety Officer (0417 762 235) or AD OPR.
5. Confine OPS to paved surfaces only, unless specifically approved by the AD OPR.
6. Light ACFT TWY B night OPS not permitted.
7. Use of airport by GA and Sport Recreation ACFT requires prior approval. Requests to be made via form submission on website: www.whitsundaycoastairport.com.au.
8. ACFT ABV 30,000KG MTOW must use RWY end turning nodes.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Wildlife activity increases following sustained rainfall, call ARO on CTAF for real time activity report.

a. Year round: crow, kite and ibis activity present.
   Ibis, magpie goose, Australian pelican and black swan in vicinity of AD, particularly E of RWY 29.
b. JAN-MAR: duck and lorikeet activity increases.
c. APR-JUN: egret and eagle activity increases.
d. JUL-SEP: lapwing (plover), cormorant, martin and swallow activity increases.
e. OCT-DEC: eagle and lorikeet activity increases.

CHARTS RELATED TO THE AERODROME

1. WAC 3234, 3235.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

PUCKAPUNYAL **ELEV 550**

AVFAX CODE 3036 **FULL NOTAM SERVICE NOT AVBL**

VIC UTC +10 YPKL

365958S 1450346E VAR 12 DEG E UNCR

AD OPR Puckapunyal Range Control, Passchendale Parade, Puckapunyal, VIC, 3662.
PH 03 5735 7769. Mobile 0408 435 633. Fax 03 5793 1076.

REMARKS

1. MIL AD - not AVBL for public use.
2. PPR for MIL, MED and EMERG.
3. Night fixed wing OPS permitted.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 122.4 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. ACFT DEP YPKL for Mangalore AD (YMNG) BCST intentions on 122.4.
2. Contact range control on 03 5735 7769 prior to DEP to CFM FREQ RQMNTS.

FLIGHT PROCEDURES

1. **Clearance requirements for R350, R351 and R352**
   a. R350A, R350B and R352 Puckapunyal. ACFT to CTC Agency Range Control (callsign Puckapunyal Range Safety) 30NM inbound; FM FREQ 72.350 (primary) or 162.450 (secondary). Phone 03 5735 7769 or 0408 435 633.
   b. R351A, R351B and R351C Graytown. ACFT to CTC Agency Range Control (callsign Graytown Operations) 30NM inbound; note duplex radio system is in use. ACFT to transmit on FM FREQ 389.2 and receive on 383.2. Ph 03 5794 3218 during working hours, AH - security detachment 03 5794 3211 or Duty Officer on 0417 028 505.
   c. R352 Puckapunyal. Use of AD or HLS (Hospital) may involve operations in R352. SFC - 3000 by NOTAM. ACFT to CTC Puckapunyal Range Control (callsign Puckapunyal Range Safety) 30NM inbound; FM FREQ 72.350 or 162.450 or confirm on 03 5735 7769 or Fax 03 5793 1076.

   Note: A separate clearance is required for each individual area. A clearance for one area does not constitute clearance for any other area.
2. **Hospital HLS approach and departure procedures**
   a. Approach path 200DEG. By night approaching abeam a red light turn left towards the HLS. By day turn left as required to reach the HLS.
   b. Departure path 335DEG. By night turn right to about 020DEG at approximately 100M prior to reaching abeam a red light. By day after departure turn right to about 020DEG for best departure path.
   c. Approach and departure 131/311DEG. If terrain clearance is required during a CAT A departure turn left about 30 DEG approaching the road.

CTAF 121.1

ADDITIONAL INFORMATION

1. PJE OPS HJ from 10,000FT.
2. Cautions:
   a. HLS – Puckapunyal Hospital is LCA 3700.2S 14502.9E, 244 DEG MAG 0.67NM FM THR RWY 03, ELEV 528FT. Frequent air ambulance HEL OPS.
   b. This aerodrome is not subject to routine serviceability inspection or NOTAM advice of unserviceabilities. Additional aerodrome data is available from the AD OPR.
   c. Puckapunyal Range Control will be manned by duty personnel who may not necessarily be trained or familiar with ATC or SAR Alerting PROC.
3. MIL users consult *Aircraft Pavement Strength Evaluation Manual* (adf.ces@defence.gov.au) for latest data.

CHARTS RELATED TO THE AERODROME

WAC 3469, 3470.

PUNGALINA

ELEV 80

FULL NOTAM SERVICE NOT AVBL

NT UTC +9:30 YPUG
164319S 1372524E VAR 4 DEG E UNCR
AD OPR Pungalina Station, Tennant Creek, NT, 0862. PH 08 8975 8951 or 0418 379 263.

REMARKS
PPR.

HANDLING SERVICES AND FACILITIES
Limited drum fuel available with prior notice.

PHYSICAL CHARACTERISTICS
Strip 09/27. 1,300M hard packed red dirt/gravel.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 125.7

CTAF 126.7

ADDITIONAL INFORMATION
Animal hazard exists.

CHARTS RELATED TO THE AERODROME
WAC 3221.

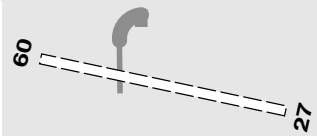
Information may be continued on the next page: PTO

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QUEENSTOWN

ELEV 867

FULL NOTAM SERVICE NOT AVBL



TAS		UTC +10	YQNS
420432S	1453151E	VAR 14 DEG E	UNCR

AD OPR West Coast Council, PO Box 63, Queenstown, TAS, 7467. PH 03 6471 4700. ARO 0475 444 247: 0427 803 711.

REMARKS

1. Prior permission of the AD OPR REQ for all OPS.
2. Visit West Coast council website for further information regarding airport activities that may affect landing approvals.
3. Night OPS and ACFT above 5,700KG MTOW not permitted without prior approval from the Area Manager, CASA Southern Region Office, Moorabbin.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	123.95 Circuit Area

LOCAL TRAFFIC REGULATIONS

CAUTION: Abandoned RWY 18/36 only AVBL for taxiing. Not AVBL for any other OPS.

CTAF 124.2

ADDITIONAL INFORMATION

Model aircraft OPS (H24) WI 1,000M radius of ARP. OPR will MNT CTAF. SFC to 1,000FT AGL. CTC PH: 0418 136 238.

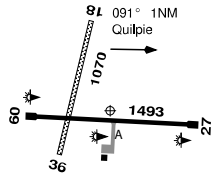
CHARTS RELATED TO THE AERODROME

WAC 3556.

QUILPIE

ELEV 655

AVFAX CODE 4107



QLD		UTC +10	YQLP
263631S	1441526E	VAR 8 DEG E	CERT

AD OPR Quilpie Shire Council, 50 Brolga Street, Quilpie, QLD, 4480. Email: admin@quilpie.qld.gov.au. ARO 0419 230 115 (H24). Website: www.quilpie.qld.gov.au.

REMARKS

1. YQLP is a public AD.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

Quilpie Shire Council. AVGAS and JET A1 bowser AVBL 24HR, credit card and paywave accepted. PH: 07 4656 0500 EMERG: PH ARO.

PASSENGER FACILITIES

RF/WC/LG

AERODROME OBSTACLES

Lit COM TWR, PSN 263711.60S 1441547.21E, APRX 803FT AMSL at BRG 144MAG/0.75NM FM ARP. Infringes inner HZS by APRX 13FT.

PHYSICAL CHARACTERISTICS

09/27	086	49a	PCR 150/F/C/1.00 MPa/T Sealed.	WID 30	RWS 90
18/36	187	35c	Unrated. Red sand clay.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 09/27	LIRL	PAL+AA 120.6	SDBY PWR AVBL
RWY 09/27	PTBL		BY PRIOR ARRANGEMENT

RWY edge light spacing 09/27: 60M.

Information may be continued on the next page: PTO

OTHER LIGHTING
1. TWY LGT: Blue edge.
2. SDBY PWR switchover time: 15 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA	BRISBANE CENTRE	118.8 7000FT

LOCAL TRAFFIC REGULATIONS
1. All ACFT below 5,700KG must park on the GA apron area only.
2. ACFT PRKG on the main APN is only for RPT service and larger ACFT with prior permission.

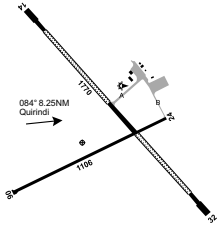
CTAF - AFRU 126.7

ADDITIONAL INFORMATION
Animal hazard exists.

CHARTS RELATED TO THE AERODROME
1. WAC 3341.
2. Also refer to AIP Departure and Approach Procedures.

QUIRINDI — ELEV 1058

AVFAX CODE 2024



NSW		UTC +10	YQDI
312955S	1503105E	VAR 12 DEG E	CERT

AD OPR Liverpool Plains Shire Council, PO Box 152, Quirindi, NSW, 2343. PH 02 6746 1755. Website: www.liverpoolplains.nsw.gov.au.

REMARKS
AD Charges: refer to Council's fees and charges on website.

PASSENGER FACILITIES
PT/WC

AERODROME OBSTACLES
Powerlines on APCH at NW end 1,380M FM RWS end.

PHYSICAL CHARACTERISTICS
06/24	054	36a	5700 kg Unrated. Sealed.	WID 18	RWS 90
14/32	128	58c	5700 kg/0.58 MPa Gravel. 185M FM each RWY end and central 295M sealed only.	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING
RWY 14/32 LIRL PAL+AA 125.3
RWY edge light spacing: RWY 14/32: 100M.

OTHER LIGHTING
TWY LGT: Blue edge on TWY A.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA	BRISBANE CENTRE	127.1 Circuit Area

LOCAL TRAFFIC REGULATIONS
1. All ACFT movements restricted to designated RWY, TWY and APN only.
2. Light ACFT with tail skid must not taxi on gravel.

CTAF 127.8

ADDITIONAL INFORMATION
1. Bird and animal hazard exists.
2. Loose SFC stones.
3. Mobs of feral pigs frequently observed in VCY of AD and RWY.

CHARTS RELATED TO THE AERODROME

1. WAC 3357.
2. Also refer to AIP Departure and Approach Procedures.

QUORN **ELEV 831**

FULL NOTAM SERVICE NOT AVBL

SA		UTC +9:30	YQRN
321912S	1380606E	VAR 7 DEG E	UNCR

AD OPR Flinders Ranges Council, 1 Seventh Street, Quorn, SA, 5433. PH 08 8620 0500. Mobile 0428 486 031.

REMARKS

PPR

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	123.9 3000FT

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3358, 3459.

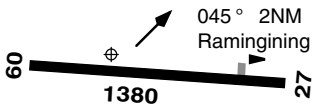
Information may be continued on the next page: PTO

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RAMINGINING

ELEV 216

AVFAX CODE 8052



NT UTC +9:30 YRNG
122123S 1345351E VAR 3 DEG E CERT
AD OPR East Arnhem Regional Council, CMB 10 via Winnellie, NT, 0822. PH 08 8979 7836 AH 0427 755 027. ARO H24 0428 845 969.

REMARKS

This AD is a Security Controlled Airport.

PASSENGER FACILITIES

Telephone facilities not AVBL.

AERODROME OBSTACLES

Trees:

a. 294FT AMSL BRG 163 DEG MAG 253M FM ARP. Infringes TNS by 20FT.
b. 277FT AMSL BRG 087 DEG MAG 120M FM ARP. Infringes TNS by 14FT.
c. 254FT AMSL BRG 270 DEG MAG 1,301M FM ARP. Infringes TNS by 20FT.
d. 271FT AMSL BRG 258 DEG MAG 1,135M FM ARP. Infringes TNS by 23FT.

PHYSICAL CHARACTERISTICS

09/27 089 45 Unrated. Sealed WID 18 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 09/27 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG use only. IWI and SDBY lighting requires 1HR PN to ARO.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 123.4 Circuit Area

LOCAL TRAFFIC REGULATIONS

RWY 09/27 - ACFT to carry out MAX RAD turns on all sealed pavements. 180 DEG turns at RWY ends only.

CTAF 127.5

CHARTS RELATED TO THE AERODROME

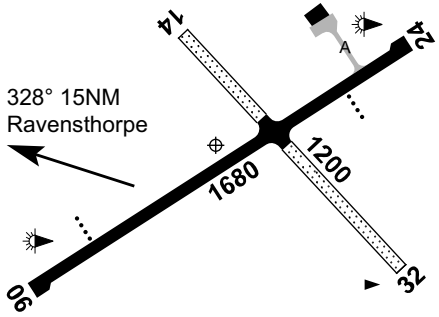
WAC 3109.

RAVENSTHORPE

ELEV 209

AVFAX CODE 6303

WA UTC +8 YNRV
334750S 1201229E VAR 0 DEG W CERT
AD OPR Shire of Ravensthorpe, PO Box 43, Ravensthorpe, WA, 6346. Email: shire@ravensthorpe.wa.gov.au. ARO 0427 977 489: AH 0427 381 098. Council PH 08 9839 0000. Fax 08 9838 1282. Website: www.ravensthorpe.wa.gov.au.



Information may be continued on the next page: PTO

REMARKS

1. AD Charges: RPT, Charter and GA.
2. This AD is a Security Controlled Airport.
3. Access to apron is via personnel gate with coded analogue lock (access air side only - exit is via a turn latch). PH AD OPR for code.
4. Personnel gate must not be secured in open position at any time while unattended.
5. 48HR PPR - CTC ARO.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL.

PASSENGER FACILITIES

WC (H24). LG only AVBL during scheduled operations.

PHYSICAL CHARACTERISTICS

06/24	059	55a	PCR 210/F/B/Y/T Sealed	WID 30	RWS 150
14/32	139	39c	PCR 45/F/B/Y/T Gravel	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 06/24	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL
RWY 06/24	PAPI(1)	AFRU+PAL 126.7	3.0 DEG42FT	SDBY PWR AVBL

(1) Left side.

1. RWY edge light spacing: 06/24: 60M.
2. Manual activation of lighting requires at least 2 HR PN to AD OPR.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.4

LOCAL TRAFFIC REGULATIONS

1. Itinerant PRKG to W end of RPT apron.
2. RWY 06/24 45 M WID turning nodes at each end.
3. RWY 06/24: ACFT ABV 5,700KG must use turning nodes for 180 DEG turns.
4. All ACFT to make MAX RAD turns at MNM speed to avoid SFC damage.
5. DH8D, E190 and F100 to use outer lead in line.
6. In the event that emergency ACFT and non-emergency ACFT should find themselves congested, Ravensthorpe ground staff will direct non-emergency ACFT to the gravel PRKG bay, W of the APN. It is under strict site guidelines that non-emergency ACFT stay in the position allocated until emergency ACFT complete their OPS and it is safe to vacate APN.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

Bird hazard exists in VCY of AD. Flocks of Australian ravens, pink and grey galahs, plovers and black cockatoos.

CHARTS RELATED TO THE AERODROME

1. WAC 3461.
2. Also refer to AIP Departure and Approach Procedures.

RAYNER PLACE HELIPORT

ELEV 1660
FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YRYP
345146S 1485602E VAR 12 DEG E UNCR
AD OPR Paul Schofield Aviation, Rayner Place, Yass, NSW, 2582. PH 0418 265 155.

REMARKS
PPR for all OPS.

HANDLING SERVICES AND FACILITIES
Paul Schofield Aviation - 2200-0700 UTC DLY.

METEOROLOGICAL INFORMATION PROVIDED
AWIS FREQ 123.65 (requires three one-second pulses to activate) - Report faults to AD OPR.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 124.1 In circuit area

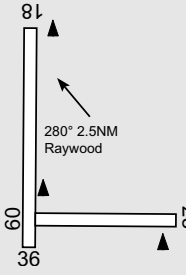
LOCAL TRAFFIC REGULATIONS
1. APCH/DEP OPS when possible to and FM the SE.
2. Keep well clear of all houses to the W of heliport.

CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3456, 3457.

RAYWOOD

ELEV 450
FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YRYW
363230S 1441428E VAR 11 DEG E UNCR
AD OPR Bendigo Gliding Club Inc, PO Box 846, Bendigo, VIC, 3552.
Email: secretary@bendigogliding.org.au. PH 0492 923 215.
Website: www.bendigogliding.org.au.

REMARKS
1. PPR.
2. Aerotow and winch launching OPS.
3. Gliding OPS HJ DLY.

HANDLING SERVICES AND FACILITIES
Nil fuel AVBL.

PHYSICAL CHARACTERISTICS
09/27 30c Unrated. Grass. RWY LEN 900M. WID 90
18/36 43c Unrated. Grass. RWY LEN 1,300M. WID 90

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 126.8

FLIGHT PROCEDURES
1. Gliders and tugs may fly contra CCTS.
2. Gliders and tugs normally operate inside and below standard 1000FT circuit.
3. RWY 09 not available if gliders launching on RWY 36.
4. RWY 36 not available if gliders launching on RWY 09.

CTAF 119.3

CHARTS RELATED TO THE AERODROME
WAC 3469, 3470.

Information may be continued on the next page: PTO

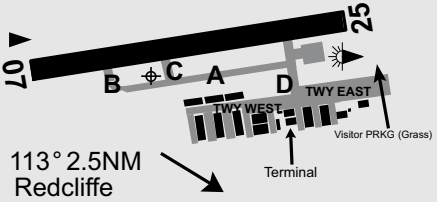
REDCLIFFE

ELEV 7

FULL NOTAM SERVICE NOT AVBL

QLD		UTC +10	YRED
271224S	1530404E	VAR 11 DEG E	UNCR

AD OPR City of Moreton Bay (CMB), PO Box 159, Caboolture, QLD, 4510. PH 07 3205 0555 H24. ARO 0408 493 614 BH.



REMARKS

1. All ACFT engaged in commercial OPR (including FTO) PPR from the AD OPR.
2. Limited ACFT parking AVBL. Contact ARO prior to visit.
3. AD limited to ACFT up to 5,700KG MTOW.
4. AD Charges: contact AD or see website for schedule of ACFT charges.

HANDLING SERVICES AND FACILITIES

BP: AVGAS, O117, O125. 2200-0700 UTC JO, AH 1 HR PN. Self-service bowser AVBL H24, Air BP carnet card. Phone 0417 757 215.
World Fuel Services: JET A1. Self-service bowser H24, WFS carnet card, V and MC via Compaq Pay smartphone APP. Phone 0437 785 045.

PASSENGER FACILITIES

RF/WC/ME.

PHYSICAL CHARACTERISTICS

07/25 28 PCR 45/F/D/0.67 MPa/T RWY LEN 853M. WID 18 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 07/25 LIRL PAL+AA 122.8

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.7 On Ground

LOCAL TRAFFIC REGULATIONS

1. All ACFT DEP other than “touch and go” OPS are to commence TKOF roll FM the start of the RWY if operationally expedient.
2. TKOF on RWY 07 except when operationally unacceptable.
3. All pilots should be considerate of ground OPS and avoid manoeuvring BTN hangars where possible or signed.
4. Carriage and use of radio is required by AD OPR.

FLIGHT PROCEDURES

1. Right hand circuits RQ on RWY 25.
2. CCTS for YRED resident ACFT and HEL permitted BTN 0700-2030 Local MON-SAT and 0700-1800 Local SUN.
3. CCTS for non-resident ACFT and HEL only with prior permission FM the AD OPR BTN 0700-1800 Local.
4. To the extent practical, circuit heights should be 1,000FT to avoid conflict with the overlying controlled airspace with a base of 1,500FT.

CTAF 127.15

NOISE ABATEMENT PROCEDURES

1. AD AVBL 2000-1200 UTC (0600-2200 Local). After hours, AD only AVBL to ACFT on MED flight, EMERG and MIL use.
2. Pilots are requested to avoid low flying over residential areas.
3. W end of AD AVBL for HEL OPS 2100-0800 UTC (0700-1800 Local) local operators only.

ADDITIONAL INFORMATION

1. CAUTION: Bird and animal hazard exists. Contact AD OPR for more information
2. Training and circuits conducted frequently.
3. Aerodrome users are advised that CMB Local Laws apply for on ground activities.
4. Model ACFT operations may occur at Mueller College oval (neighbouring YRED). Coordinator CTC: 0408 640 569.

CHARTS RELATED TO THE AERODROME

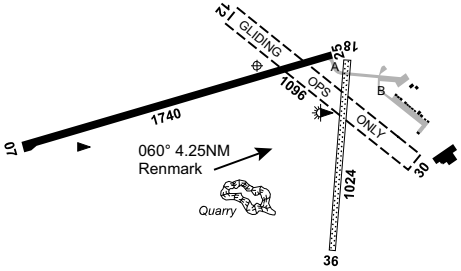
WAC 3340.

RENMARK — ELEV 115

AVFAX CODE 5012

SA		UTC +9:30	YREN
341147S	1404026E	VAR 9 DEG E	CERT

AD OPR Renmark Paringa Council, PO Box 730, Renmark, SA, 5341.
Email: council@renmarkparinga.sa.gov.au. PH 08 8580 3000. PH AH 0438 866 564.
Fax 8580 3030.



REMARKS

Landing fees apply see: www.renmarkparinga.sa.gov.au (council fees and charges).

HANDLING SERVICES AND FACILITIES

Flying Fuels: AVGAS 100 and JET A1. 24HR. Account card or Compaq Pay APP (V and MC), organisation code: 389KP4. For enquiries contact 0412 602 447.

PASSENGER FACILITIES

WC (Plus Showers)

AERODROME OBSTACLES

1. Mast lit and painted - 479FT AMSL (301FT AGL), 209DEG M/2.4NM (4,500M), FM ARP. Infringes HZS.
2. Mast lit and painted - 715FT AMSL (567FT AGL), 238DEG M/7.6NM (14.2KM) FM ARP.
3. Mast unlit and unmarked, 493FT AMSL (329FT AGL), 5NM (9,200M), 206DEG M FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 08 8150 3817 - Report faults to BoM.
3. AWIS FREQ 128.35 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

07/25	065	57a	PCR 69/F/C/0.82 MPa/T	WID 30	RWS 90
18/36	176	34c	5700 kg/0.55 MPa Gravel.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 07/25 LIRL PAL 122.3
RWY 07/25 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG only.
RWY edge light spacing: 07/25: 90M.

OTHER LIGHTING

TWY LGT: Blue edge on A.

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	124.3 On Ground

LOCAL TRAFFIC REGULATIONS

1. All ACFT to carry out MAX RAD turns on bitumen SFC.
2. Gliders OPS WI marked gliding strips and RWS 18/36.

CTAF 126.7

ADDITIONAL INFORMATION

Kangaroos in VCY of AD.

CHARTS RELATED TO THE AERODROME

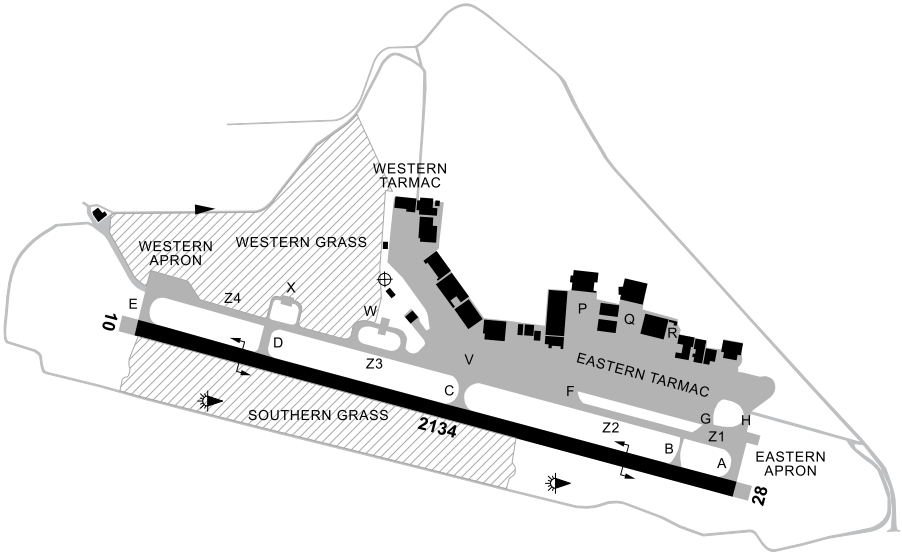
1. WAC 3458.
2. Also refer to AIP Departure and Approach Procedures.

RICHMOND (NSW) ELEV 67

AVFAX CODE 2004

NSW		UTC +10	YSRI
333602S	1504651E	VAR 13 DEG E	MIL

AD OPR RAAF, Airbase Operations Centre - RAAF Base, Richmond, NSW, 2755.
Email: ric.aboc@defence.gov.au cc ric.atc@defence.gov.au. PH 02 4587 2888,
CS RICCOM 261.7 MHz.



REMARKS

1. 24HR PN. CTC RIC TWR on either: ric.atc@defence.gov.au or ric.aboc@defence.gov.au or 02 4587 1201 for notification of AH movements.
2. Airbase Operations Centre HR: MON-THU 2100-0630 UTC and FRI 2100-0430 UTC (1 hour earlier during HDS). OT CTC Duty Member 0409 650 341.
3. PPR for civil ACFT OPS. RAAF approval number to be quoted in FPL RMK.

HANDLING SERVICES AND FACILITIES

F34 O128 O133 O135 O142 H515 H576 H578 S737 S738 S747 SKD5 MMX45 WTA HPOX LHOX LOX LPOX. Other services AVBL are: E5 E6 E10 E11 E12 E13 E14 A1.
Movements section: Aviation fuel services and MIL ACFT handling services RQ 24HR PN for non-scheduled and AH services. Alternate CTC: Duty Air Movements Officer 0408 481 655 or RIC22SQNAMS.OPS@defence.gov.au
Regular MIL handling services (duty crew, GSE, stairs, cargo, PAX etc.) AVBL BTN 2130-0930 UTC DLY (1HR earlier during HDS). CTC RIC ABOC 02 4587 2888, 1300 333 362 or ric.aboc@defence.gov.au

Fuel

1. Regular aviation fuel service AVBL 2130-1100 UTC DLY (1HR earlier during HDS).
2. Refuelling (F34) by tanker AVBL to all positions. In-ground hydrant refuelling limited to PRKG positions 1A, 1B, 2A, 2B, 3A, 3B and 4. Fuel services outside published OPR HR may be subject to prior arrangement and service delays.
3. CTC Duty Aviation Fuel Operator 0417 274 704 or UHF channel 8.

General

1. CUST, IMG and Biosecurity RQ 48HR PN for any service.
2. Regular MIL handling services (Duty crew, GSE, Stairs, Cargo, PAX etc.) AVBL BTN 2130-0930 UTC DLY (1HR earlier during HDS). CTC RIC ABOC 02 4587 2888, 1300 333 362 or ric.aboc@defence.gov.au.
3. Movement sections (CS “Movements Richmond” 361.6, 15MIN prior to ARR) HS, Check NOTAMs or UHF channel 11.
4. ACFT potable water SER not AVBL.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 6: 2100-1300 UTC DLY (1HR earlier during HDS). CAT 4: OT.
2. ARFF vehicles carry water, foam and complementary agents recommended by ICAO.

APRONS AND TAXIWAYS

1. TWY B not AVBL to ACFT ABV 20,000KG.
2. APN areas infringe Z2 and Z3 TWY strip for Code E ACFT with wingspan of 52M (170.6FT) or greater. Code E and higher ACFT taxi via RWY to avoid Z2 and Z3.
3. APN TWY do not provide RQ OBST CLR for code D ACFT and ABV (wingspan 36M and greater).
4. TWY D. The TWY D/TWY Z intersection does not have TWY guideline markings or centre line lighting to facilitate a left turn from TWY D onto TWY Z4 and vice versa.
5. TWY F. Only C130, P3, C27J and other ACFT MTOW 7,000KG or less may enter the Eastern Tarmac via TWY F.
6. TWY G. When APN PRKG position 12 is occupied TWY G affords inadequate wingtip clearance to Code E ACFT (wingspan 52M or greater). Do not use.
7. TWY H. Code E ACFT proceeding to position 2/3 shall use TWY A and H.
8. TWY B and TWY X are unlit.
9. Strength/PCR:
   a. TWY A, E, F, G, H, P, Q, R, V, W, Z1, Z3, Z4, Eastern Apron, Western Apron, eastern tarmac and western tarmac PCR 470/R/C.
   b. TWY C, D and Z2 PCR 470/F/C.
   c. TWY B PCR 50/F/C.
   d. TWY X PCR 300/F/D.

AERODROME OBSTACLES

1. GP Antenna 50FT AGL S of RWY, 305M FM THR RWY 28, offset 115M FM CL. Infringes TNS.
2. Six PERM tower cranes centred on PSN BRG 228 DEG MAG 1.9NM FM THR RWY 10. The radius of the six towers about this point is 210M. MAX HGT of the six tower cranes is 43M (141FT), MAX ELEV AMSL 65.8M (216FT). Infringes inner HZS.
3. NBN tower 132FT AGL (880FT AMSL) PSN BRG 289 DEG MAG 7.8NM FM ARP. Infringes OLS.
4. Lighting mast 102FT AMSL BRG 193 DEG MAG 527M FM ARP (southern grass). Infringes OLS.
5. TACAN marked and lit 92FT AMSL BRG 078 DEG MAG 527M FM THR RWY 28.

Information may be continued on the next page: PTO

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, AD WRNG.
2. AWIS Phone 02 9353 6448 - Report faults to BoM.
3. AWIS FREQ 126.3 and 274.55 AVBL outside TWR HR - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

10/28 095 70a PCR 470/F/C/X/T WID 45 RWS 150

1. 91M (300FT) concrete ends. Distance to Run Marker Boards each RWY.
2. RWY 10/28 bitumen surface grooved. 180 DEG turns should be done wherever possible on the concrete THR for all ACFT. If a 180 DEG turn is RQ on the bitumen SFC, turns should be at MAX radius possible and locked wheel turns are not permitted.

ARRESTING GEAR

RWY 10	BAK 12/14 (R)(B) 374 (1,226)	--------	BAK 12/14 (R)(B) 374 (1,226)	RWY 28

Recessed bi-directional BAK 12/14 hookcables INSTL 374M (1,226FT) FM THR RWY 10/28. Marked by dayglo orange disks. DIST BTN cables 1,386M (4,547FT). NML OPR PSN: arrestable ACFT OPR - DEP end up, APCH end - down, no arrestable ACFT OPR or outside TWR HR - both ends down. No crossing restriction in down PSN. In the event of a PWR failure, cables will rise to a HGT of 10CM until PWR restored - recommend ACFT not approved to trample hookcables OPR BTN cables during CTAF HR. CONC absorber housing 1FT high ADJ RWY edge.

AERODROME AND APPROACH LIGHTING

RWY 10/28	HIRL	AFRU+PAL 135.5		SDBY PWR AVBL
RWY 10/28	PTBL(1)			BY PRIOR ARRANGEMENT
RWY 10	PAPI	AFRU+PAL 135.5	3.0 DEG47FT	SDBY PWR AVBL
RWY 28	HIAL-CAT I	AFRU+PAL 135.5		SDBY PWR AVBL
RWY 28	PAPI	AFRU+PAL 135.5	3.0 DEG48FT	SDBY PWR AVBL
RWY 28	SFL	AFRU+PAL 135.5		SDBY PWR AVBL

(1) 15MIN PN

1. **ALS type and length**
   a. RWY 28 - distance coded CL: 902M.
2. AFRU+PAL AVBL during CTAF HR.
3. Fixed LGT INTST settings when PAL in use. Fixed LGT INTST settings may RQ increased ILS LDG VIS minima.
   a. PAL day mode LGT INTST PAPI stage 6, HIRL/HIAL/SFL/TWY off.
   b. PAL evening mode LGT INTST PAPI/HIRL/HIAL stage 4, SFL/TWY stage 2.
   c. PAL night mode LGT INTST HIRL/HIAL/PAPI stage 2, SFL off, TWY stage 1.
   d. Modes are based on automatic sensors and may not coincide with first/last light.
4. PAL override/manual activation: For manual activation or change of AD LGT INTST, CTC 'RICHMOND BASE FIRE' FREQ 135.5 and REQ 'PAL OVERRIDE'.
5. RWY 10/28 no RWY CL LGT INSTL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	SYDNEY CENTRE		124.55 On Ground
APP	RICHMOND APPROACH	(1)	135.9 363.8P
ATIS	RICHMOND		126.3 274.55
SMC	RICHMOND GROUND		128.25
SMCV	RICHMOND GROUND		121.65
TWR	RICHMOND TOWER		135.5 243.0 257.3

(1) R479 ABV 1500FT, R480 and R481.

1. TWR HR: 2200-1300 UTC MON-THU (1HR earlier during HDS), 2200-0830 UTC FRI-SUN and PH. 0830-1300 UTC O/R (1HR earlier during HDS) 24HR PN.
2. EMERG FREQ, guarded, MNT by RI TWR when active.
3. ATIS BCST on 126.3 and 274.55 DRG ATS HR. AWIS OT. ATIS/AWIS AVBL phone ATIS 02 4587 2589; AWIS 02 9353 6448.
4. Retransmit BTN FREQ: 135.5 and 257.3; 128.25 and 121.65 DRG ATS HR.

RADIO NAVIGATION AND LANDING AIDS

DME	IRI	111.9/ 56X (RWY28)	333626.9S	1504723.3E	(4)
GP	IRI	331.1 (RWY28)	333626.9S	1504723.3E	(3)
ILS	IRI	111.9 (RWY28)	333601.8S	1504600.8E	(2)
LOC	IRI	111.9 (RWY28)	333601.8S	1504600.8E	
TAC	RIC	110.7/ 44X	333626.2S	1504756.1E	(1)

(1) RESTRICTION: Terrain shielding BLW 4,000FT beyond 25NM and BLW 7,500FT beyond 40NM in the sector 260 to 355 - TACAN check boards: RWY 28, 270/0.3: RWY 10, 275/1.4.
(2) ILS critical areas not protected outside TWR hours.
(3) Restriction: Use within 7DEG of CL.
(4) Antenna ELEV 50FT.

1. All NAV AID Pilot MNT outside TWR HR.
2. Radar coverage UNREL BLW 2000FT W and NW of RI.

LOCAL TRAFFIC REGULATIONS

1. RWY 28 is the preferred RWY at Richmond.
2. Parking position advice will be passed to ARR ACFT by RI SMC during ATC hours. Outside ATC hours aircraft are to proceed to pre-coordinated parking area or taxi for parking position 5 and look out for AMS marshaller in that vicinity.
3. PRKG position 29 not AVBL due OBST.
4. PRKG positions 20 to 31 not AVBL for HVY wake turbulence ACFT EXC with YSRI approved marshaller.
5. ACFT DEP for SY, NAV aid training SY or AWK WI S SY TMA, RQ start approval.
6. ACFT RQ pushback, prior to taxi, are to advise SMC.
7. ACFT on INSTR FNA TR are to display LDG LGT and strobes in visual COND.
8. INSTR APCH TRAINING SUBJ ATC approval under the FLW COND:
   a. CIV ACFT: Do not phone Richmond TWR requesting availability of instrument APCH training.
   b. MIL ACFT priority.
   c. FPL with AMDT for DEP DLA greater than 30 MIN RQ.
   d. YSRI NOTAM RQ.
   e. LDG and strobe LGT must be displayed on FNA TR when in visual COND.
   f. ATC may RQ DLA/HLDG prior to APCH.
   g. ATC may RQ full stop LDG, touch and go or HLDG in circuit prior to DEP. Full stop LDG, touch and go not AVBL to civil aircraft (RRFC excepted) outside TWR HR.
9. DEP RTE RESTR (refer ERSA GEN Route Flight Planning Requirements).
10. Low initial/flypasts, low passes and unusual manoeuvres. The low initial run in shall be to the northern side of RWY 10/28.
11. ACFT REQ transit of R479/R480/R481 should submit FPL. Transit SUBJ DLA due MIL OPS.
12. ACFT conducting airwork within Richmond Airspace (e.g. circuits, MIL INSTR APCH training, local training area, drop zone OPS and survey) are to book via: www.raaf.bookawk.com. Bookings are not AVBL for civil INSTR APCH training, except on an ad hoc basis and SUBJ to conditions in para 9. All survey requests are to contact Richmond Tower prior to becoming airborne for briefing and approval.
13. Where the requirement for special VFR exists (*AIP ENR 1.2*) Special VFR clearances may be issued WI R479, R480 and R481.
14. **RICHMOND FLYING CLUB**
   a. ACFT may operate in the circuit or training areas in R479 and R480 (Northern Training Area and Southern Training Area are defined in *FIHA AD2 SUPP YSRI*) subject to ATC priorities, military operations and other traffic.
   b. ACFT must have serviceable VHF radio. CTAF procedures apply outside TWR HR.
   c. ACFT shall remain above 400FT AGL and will not overfly houses, buildings or livestock during:
      (i) Practice forced landing training.
      (ii) Practise engine failure after take-off training.
   d. No circuit or INSTR APCH training prior to 0700 Local without prior approval from ABOC.
   e. No circuit or INSTR APCH training after 2300 Local (1HR earlier during HDS).

Information may be continued on the next page: PTO

FLIGHT PROCEDURES

1. **GENERAL AVIATION ROUTE THROUGH RICHMOND TERMINAL AIRSPACE**
   a. Applicable during TWR HR. Refer ATS Communications section and NOTAM.
   b. Expect to transit GA RTE at A015.
   c. Routes (marked on VTC):
   d. **Northbound:**
      (i) Approaching the boundary of R479 at Penrith Lakes contact Richmond Tower on 135.5 for airways clearance.
      (ii) Only when in receipt of a clearance, enter R479 tracking north via the main powerlines.
      (iii) Report at 'KURMOND' (KRMD); the intersection of the main north/south powerlines and the Bells Line of Road, with an EST for 'WISEMANS FERRY' (WSFR).
      (iv) Thence TR 043 DEG MAG to WSFR.
   e. **Southbound:**
      (i) At 'WISEMANS FERRY' (WSFR) contact Richmond Tower on 135.5 for airways clearance.
      (ii) Only when in receipt of a clearance, enter R479/R480 and advise EST for KRMD.
      (iii) TR 223 DEG MAG to KRMD; the intersection of the main north/south powerlines and the Bells Line of Road.
      (iv) Report at KRMD then TR S via the powerlines to the boundary of R479 at Penrith Lakes.
2. RWY visibility assessments may not be AVBL during low visibility procedures.
3. The activation of restricted airspace R560A-B and R570A-H affects routes to/from YSRI. Refer *GEN-FPR paragraph 1.4 Richmond Departures*, and check airspace status WWX (Williamtown) prior to FLT planning.
4. **UNMANNED AIRCRAFT OPERATIONS (INCLUDING RPAS)**
   a. All operators must hold the appropriate certifications endorsed by CASA.
   b. Requests for approval must be sent with all essential information at least 48 hours prior to commencement time.
   c. Contact the airspace arbiter via email: ric.atc@defence.gov.au.
   d. Approval remains at the discretion of the airspace arbiter.
5. Richmond circuit area defined as 6NM radius of Richmond ARP, SFC to 1,500FT AMSL. Standard circuit direction is left. All 'low level' circuits shall be conducted to the north and require ATC approval.
6. The initial points are 5NM downwind of active RWY, displaced deadside, left pitch/circuit.
7. Outside TWR HR ACFT planning to enter CTA IMT after DEP, CTC Sydney Centre 124.55 MHz prior to ENG start to REQ AWY CLR.
8. ACFT with EMERG CTC RFFS CS "Richmond Base Fire" FREQ 135.5 MHz. Civil aircraft with declared emergency that have not previously coordinated to land at RIC should vacate onto TWY Charlie if able, shut down and wait for military escort.

CTAF - AFRU 135.5

Outside TWR HR.

NOISE ABATEMENT PROCEDURES

All ACFT EXC those OPR via SID are to comply with the FLW PROC:

1. Do not turn before DER.
   a. Visual DEP RWY 10 - to avoid Windsor township, MNTN RWY track 095 MAG. At 1,000FT adopt DEP instructions;.
   b. Visual DEP RWY 28 - to avoid Richmond township, turn right track 285 MAG. At 1,000FT adopt DEP instructions.
2. HEL ARR FM S are to remain visually CLR of the racecourse and associated stables.
3. To avoid stud farm and Hawkesbury University, ACFT are not to fly BLW 1,000FT AGL, EXC in EMERG when OPR WI 1NM S of RWY 10/28.
4. All low LVL CCTS to be conducted to the N.

ADDITIONAL INFORMATION

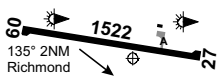
1. Bird hazard exists BTN 2 to 3NM on final RWY 28.
2. 25 Metre Ground Firing Range. APRX position 315DEG M/460M from ATC Tower. Active on display of red flags. NIL lateral or vertical safety limits.
3. Southern Grass. The 'Southern Grass' is bounded by the perimeter road to the south, the RWY 10/28 gable markers to the north and the two unnamed bitumen roads east and west. Caution unmarked obstructions.
4. Western Grass. The 'Western Grass' located in the North-West quadrant of the aerodrome is bounded by TWY Zulu, the Perimeter Rd, concrete barriers and the Western Apron. Caution unmarked obstructions.
5. Model ACFT OPR WI 400M RAD of PSN 333512.00S 1505054.00E at Pitt Town, New South Wales, BRG 064 MAG 3.5NM FM ARP. SFC to 400FT AGL.
6. Model ACFT OPR WI 500M RAD of PSN 333426.4S 1504620.4E BRG 330 MAG 1.5NM FM ARP. SFC to 400FT AGL.
7. UA (model ACFT) OPR HJ WI 400M RAD of PSN 333548.00S 1504748.00E (Rickabys Drop Zone) BRG 052 MAG 0.076NM FM Richmond (NSW) AD (YSRI) SFC to 400FT AGL.
8. New ATC TWR not commissioned - observe old TWR for light signals.
9. RAAF Richmond Flying club typically operate to RWY 10 in light variable winds.
10. GLD OPS parallel RWY 10/28 S side of RWY or FM grass area NW of TWR.
11. Caution:
    a. R479/R480 SUBJ activation at short notice. CK status with SY CENTRE (124.55 MHz).
    b. WAE may be operating on or near RWY and other ACFT MOV areas.
    c. A high voltage transmission line crosses the approach path to RWY 28 N to S at 3.2NM TACAN at the closest point and 317FT high on QNH at the highest point.

CHARTS RELATED TO THE AERODROME

1. WAC 3456.
2. MIL Aerodrome Obstruction Chart Type A: FEB 2018.
3. Also refer to AIP Departure and Approach Procedures.

RICHMOND (QLD) ELEV 677

AVFAX CODE 4306



QLD		UTC +10	YRMD
204207S	1430653E	VAR 7 DEG E	CERT

AD OPR Richmond Shire Council, PO Box 18, Richmond, QLD, 4822.
Email: llo@richmond.qld.gov.au. PH 07 4741 3277. PH AH 0448 243 283.

REMARKS

1. This AD is a security controlled airport.
2. AD Charges: All ACFT.

HANDLING SERVICES AND FACILITIES

Liberty Oil Australia Pty Ltd. AVGAS self-serve bowser H24 - Compac Pay APP, V and MC, EFTPOS, Shell carnet card, Liberty local account white card. JET A1 by drums with PN. Call-out fee applies. PH 0408 736 256.

PASSENGER FACILITIES

PT/WC/LG

AERODROME OBSTACLES

1. TV repeater mast 963FT AMSL BRG 134 MAG 3.74NM FM ARP.
2. Lit mast 920FT AMSL BRG 139 MAG 2.12NM FM ARP, infringes inner HZS.
3. APN LGT towers 62FT AGL 162M N FM RCL. Infringes TNS by 26FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 07 3564 3733 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

09/27	092	50a	PCR 85/F/D/0.79 MPa/U	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 09/27	LIRL	AFRU+PAL 126.7	SDBY PWR AVBL

Information may be continued on the next page: PTO

OTHER LIGHTING
1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue Edge.
3. RWY 09/27 edge light spacing: 60M.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 123.95 3500FT

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME
1. WAC 3233.
2. Also refer to AIP Departure and Approach Procedures.

RIDDELL
ELEV 1150

FULL NOTAM SERVICE NOT AVBL

VIC UTC +10 YRID
372848S 1444306E VAR 12 DEG E UNCR

AD OPR Riddell Airfield Pty Ltd, PO Box 164, Riddell's Creek, VIC, 3431. PH 0402 042 015: 0417 056 582.

REMARKS
1. PPR.
2. Charges apply.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 135.7 On Ground

LOCAL TRAFFIC REGULATIONS
No precautionary search or engine failure training permitted.

FLIGHT PROCEDURES
1. No straight in approaches permitted for any RWY.
2. Subject to operational requirements, pilots are to adopt appropriate PWR settings for TKOF, CCTS and landings to minimise noise levels.
3. A limit of six consecutive CCTS for any ACFT within any three hour period. A limit of three ACFT within the circuit at any one time.
4. All CCTS to the east.

CTAF 121.6

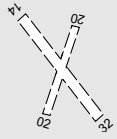
ADDITIONAL INFORMATION
1. Animal hazard and windshear may exist.
2. PH to confirm grass RWY serviceability.

CHARTS RELATED TO THE AERODROME
WAC 3469, 3470.

ROBE
ELEV 6

AVFAX CODE 5010

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YRBE
371035S 1394816E VAR 9 DEG E UNCR

AD OPR District Council of Robe, PO Box 1, Robe, SA, 5276. ARO 0429 799 614. Council PH 08 8766 2003: 0419 009 442. Website: www.council.robe.sa.gov.au.

PASSENGER FACILITIES
AC 08 8768 2465

AERODROME OBSTACLES
1. Overhead powerline 49 FT AGL 204DEG MAG 300M FM THR RWY 02.
2. Lit TWR 190FT AMSL 304DEG MAG 1,170M FM THR RWY 14.

METEOROLOGICAL INFORMATION PROVIDED
METAR/SPECI.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.8

CTAF 126.7

ADDITIONAL INFORMATION

1. Vintage ACFT OPR.
2. Bird hazard exists.
3. Horses may be present.

CHARTS RELATED TO THE AERODROME

WAC 3469.

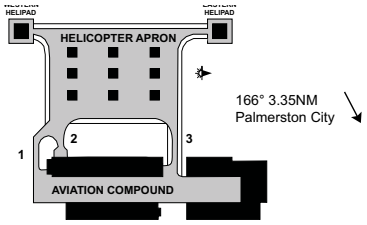
ROBERTSON BARRACKS ELEV 105

AVFAX CODE 8015

NT UTC +9:30 YRBK

122530S 1305824E VAR 2 DEG E MIL

AD OPR 1st Aviation Regiment, Robertson Barracks, Shoal Bay, NT, 0830. PH 08 8925 1071. Mobile 0438 719 805.



REMARKS

1. This is a security controlled enclosure.
2. PPR.
3. Less than 500FT clearances exist BTN terrain and CTA lower limit.
4. HEL OPS that will exceed PCR limits are to seek Pavement concessions FM Defence Support Group.

AERODROME OBSTACLES

1. Tower 120FT AGL on SE and SW corners of apron - LIOL.
2. Numerous masts within 1NM to W of HLS up to 150FT AGL - Unlit.
3. Mast 0.75NM to NNW 545FT AMSL - Lit.
4. Perimeter fence (9FT) located APRX 15M FM Final Approach Take-off (FATO) path at the Eastern and Western Helipads.

PHYSICAL CHARACTERISTICS

PCR 100/F/A/1.00 MPa/T

AERODROME AND APPROACH LIGHTING

1. HLS and APN lighting on request - PTBL AVBL.
2. PRKG pad LGT permanently disabled.
3. Eastern and western Touchdown and Lift Off area (TLOF) lights white (until rectified to green).

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.15 Circuit area

LOCAL TRAFFIC REGULATIONS

1. APCH and DEP FM marked HLS pads only.
2. DEP OCTA towards east gate position 3NM E of HLS.
3. ARR OCTA FM SE sector and join downwind or straight in.
4. Avoid hover taxi on APN where possible.
5. Parking PSN 1-9 are LTD to ARH Tiger parking only due to length. All HEL OPS exceeding MAX length of 16.3M to CTC Defence Support Group for bay allocation prior to ARR.

CTAF 126.6

Information may be continued on the next page: PTO

NOISE ABATEMENT PROCEDURES

1. Noise sensitive area 4NM to SE.
2. Avoid flight over accommodation areas and hospital buildings on RBKS.

ADDITIONAL INFORMATION

1. Blasting at quarry site 1.5NM SE - NIL NOTAM.
2. ACFT conduct LL circuits day and night using light enhancing devices (NVD).
3. Visiting ACFT will be advised of the common MIL FREQ.
4. Refer to AIP Darwin VTC for OBST and restricted areas.
5. Expect LL helicopters ARR and DEP FM YPDN.

CHARTS RELATED TO THE AERODROME

WAC 3109.

ROBINHOOD

ELEV 1509

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YROB
185055S	1434240E	VAR 6 DEG E	UNCR

AD OPR Robinhood Cattle Co, PMB 26, Cairns, QLD, 4870. PH 07 4062 5305.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 119.8 Circuit Area

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3220.

ROBINVALE

ELEV 284

AVFAX CODE 3037



VIC		UTC +10	YROI
343902S	1424658E	VAR 10 DEG E	CERT

AD OPR Swan Hill Rural City Council, PO Box 488, Swan Hill, VIC, 3585.
Email: council@swanhill.vic.gov.au. PH 03 5036 2333 (BH only).
ARO 0475 223 116: 0407 505 607. Fax 03 5036 2340 (BH only).
Website: www.swanhill.vic.gov.au.

REMARKS

1. AD charges: All ACFT refer to website for terms of use.
2. PPR FM AD OPR for pavement concessions and RPT OPS.
3. Night curfew for circuit training between 2200-0700 Local.

HANDLING SERVICES AND FACILITIES

AVGAS in drums AVBL. 72HR PN PH 03 5026 3539 during business hours only.
Note: Fuel is not stored at the aerodrome.

AERODROME OBSTACLES

TWR 405FT AMSL 2100 SSE of ARP.

PHYSICAL CHARACTERISTICS

01/19	019	37a	PCR 30/F/D/0.60 MPa/U	WID 18	RWS 90
12/30	124	39c	5700 kg/0.45 MPa Grass sand silt	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 01/19 LIRL PAL 122.3
RWY 01/19 PTBL(1) BY PRIOR ARRANGEMENT
RWY 12/30 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG ONLY - Phone 0409 706 466

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 122.1 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION

Bird and wildlife (kangaroo) hazard exists.

CHARTS RELATED TO THE AERODROME

WAC 3458.

ROCHEDALE

ELEV 240
FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YRCD
273444S 1530751E VAR 11 DEG E UNCR
AD OPR John Bell Transport Repair, 72 Shettleston St, Rocklea, QLD, 4106. PH 07 3277 7677. PH 07 3277 1626.

REMARKS

AD charges: Nil. Private use HLS AVBL for EMERG Services. All other HEL EMERG only.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL.

PHYSICAL CHARACTERISTICS

The HLS is situated on an escarpment on the E side of the large Owner's house and is a "one way" HLS. No approaches are to be made from the W. Touchdown and Liftoff (TLOF) with Aiming Point 15M x 15M concrete pad enclosed within 22M diameter concrete FATO, with surrounding grass Safety Area 35M in diameter. Parking on TLOF only.

AERODROME AND APPROACH LIGHTING

Solar lighting installed for: lead in centreline lights, FATO, TLOF, aiming point and windsock.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.7 If operating to the EAST and SOUTH

FLIGHT PROCEDURES

1. Approach and departures from/to E only (one way) on a centre line parallel to the property boundary 266/086 DEG M. Approaches to commence over the quarry 0.7NM E not below 1,000FT. Departures are aligned to the centreline of the property to the quarry before any turns are made. Do not approach or depart over neighbouring properties.
2. If operating to the W, comply with Archerfield procedures.
3. Archerfield Inbound Reporting Point TARGET is 2NM S.
4. DO NOT overfly the residential areas to the W below 1,000FT. Approaches or departures are not possible from/to the W.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3340.

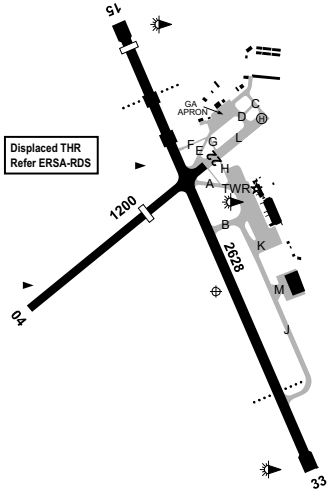
Information may be continued on the next page: PTO

ROCKHAMPTON ELEV 36

AVFAX CODE 4024

QLD UTC +10 YBRK
232255S 1502831E VAR 9 DEG E CERT

AD OPR Manager, Rockhampton Airport, Rockhampton Regional Council, PO Box 1860, Rockhampton, QLD, 4700. ARO 24HR Duty ARO 0409 368 314: 0448 619 596. Council PH 07 4936 8018. Website: www.rockhamptonairport.com.au.



REMARKS

1. AD Charges: Current schedule of fees and conditions of use can be obtained FM AD OPR or website.
2. Customs AD by prior approval for each flight.
3. This AD is a Security Controlled Airport.
4. For airside access CTC AD OPR. OPR hours 0500-2000 Local. Call-out fee will apply AH.

HANDLING SERVICES AND FACILITIES

Ampol: L.D and H.M Day: 2000-0800 UTC DLY, AH 1HR PN. Phone 0411 163 210, 07 4927 3181, AH 0411 163 210. JET A1.
Viva: 2000-0800 UTC DLY, AH 1HR PN. Phone 0411 163 210, 07 4927 3181, AH 0411 163 210. JET A1.
World Fuel: 2000-0800 UTC DLY, AH 1HR PN. Phone 0411 163 210, 07 4927 3181, AH 0411 163 210. JET A1.
Air BP: Bob Crewe and Tim Rayner 2100-0700 UTC MON-FRI, AH 1HR PN. Phone 0408 764 070, 0417 624 422 (AH). JET A1.
AVGAS: H24 self-serve bowser.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 6:
   a. MON-FRI 2015-1155 UTC.
   b. SAT 2015-0925 UTC.
   c. SUN 2300-1155 UTC.
2. 131.0 MHz AVBL HO.

AERODROME OBSTACLES

1. Lit (HN) building 200FT AMSL BRG 069 DEG MAG 2NM FM ARP. Infringes inner HZS.
2. Towers:
   a. Unlit 895FT AMSL BRG 016 DEG MAG 6.88NM FM ARP. Infringes outer HZS.
   b. Unlit 2,123FT AMSL BRG 056 DEG MAG 6.2NM FM ARP. Infringes HZS.
   c. Marked and lit (HN) 410FT AMSL BRG 208 DEG MAG 2.8NM FM ARP. Infringes COS.
   d. Lit (HN) 568FT AMSL BRG 184 DEG MAG 4.3NM FM ARP. Infringes outer HZS.
   e. Lit (HN) 340FT AMSL BRG 094 DEG MAG 1.0NM FM ARP. Infringes inner HZS.
   f. Lit (HN) 144FT AMSL BRG 034 DEG MAG 0.83NM FM ARP. Infringes inner HZS.
   g. Lit (HN) 2,114FT AMSL BRG 054 DEG MAG 6.2NM FM ARP. Infringes outer HZS.
   h. Lit (Red) Communications TWR 2,086FT AMSL BRG 055 DEG MAG 6.2NM FM ARP. Infringes outer HZS.
3. Masts:
   a. At hospital - lit by steady red LGT (HN) 284FT AMSL BRG 073 DEG MAG 1.1NM FM ARP. Infringes inner HZS.
   b. Lit (HN) 2,084FT AMSL BRG 054 DEG MAG 6.2NM FM ARP. Infringes outer HZS.
   c. Lit (HN) 283FT AMSL BRG 097 DEG MAG 1.09NM FM ARP. Infringes inner HZS.
4. Primary IWI lit by steady red light (HN). Infringes TNS (E side).
5. Unlit trees 247FT AMSL BTN BRG 128 and 136 DEG MAG 1.6NM FM ARP. Infringes inner HZS.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, AD WRNG.
2. AWIS Phone 07 3564 3734 - Report faults to BoM.
3. AWIS FREQ 133.325 - (requires 1 SEC pulse to ACT) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

04/22	043	39a	PCR 230/F/C/1.00 MPa/T	WID 23	RWS 80
15/33	148	86a	PCR 740/F/C/1.60 MPa/T Grooved.	WID 45	RWS 300

1. BAK 12 bi-directional, removable, hook cable, 100MM high, installed 487M (1,600FT) FM THR RWY 33, rigged for MIL OPS only. Notified by TWR/NOTAM.
2. **CAUTION:** Permanent concrete y-absorber housings 0.3M (1FT) high located each side of RWY, 14M (46FT) FM RWY edge.

AERODROME AND APPROACH LIGHTING

RWY 15/33	MIRL(1)	AFRU+PAL 118.1		SDBY PWR AVBL
RWY 15/33	PAPI(2)	AFRU+PAL 118.1	3.0 DEG70FT	SDBY PWR AVBL
RWY 15/33	RTIL(3)	AFRU+PAL 118.1		SDBY PWR AVBL

(1) AFRU+PAL outside TWR HR.
(2) Both sides
(3) AFRU+PAL outside TWR HR. Non-standard RTIL configuration RWY 15. RWY 15 RTILS located 75M in front of threshold.

1. RWY 15/33 edge light spacing 60M.
2. AFRU+PAL lighting status confirmed on AFRU+PAL FREQ. PAL cycle 30MIN. Last 10MIN Primary IWI flashing continuously.

OTHER LIGHTING

ABN ALTN 6 WG On TWR - AVBL with AFRU+PAL. OPS continuous HN.

1. Secondary PWR switchover time: 1 SEC during LVP; 15 SEC other times.
2. TWY LGT: Green CL on A, B, E, F, J and K.
3. Blue edge lighting on RWY 15/33 turning node.
4. RWY guard lights on RWY 15/33 TWY intersections.
5. Green CL on THR turn pad line RWY 15/33.
6. Blue taxiway edge lighting west of Bay 4 and 5 around grassed island.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	119.55 Outside TWR and APP HR
APP	CORAL APPROACH (RK)	123.75
ATIS	ROCKY	116.9 128.5
SMC	ROCKY GROUND	121.8
TWR	ROCKY TOWER	118.1

Information may be continued on the next page: PTO

1. TWR HR:
   a. MON-FRI: 2030-1035 UTC.
   b. SAT: 2030-0930 UTC.
   c. SUN: 2100-1035 UTC.
2. Phone RK TWR: 07 4931 5205^. BN CEN: 07 3866 3224^.
3. Rocky TWR provides Class D TWR services within Rockhampton CTR, SFC to 1,000FT AMSL. CTC TWR for CLR.
4. During TWR HRS, CORAL APP provides ATS:
   a. WI the CTA steps Class D ABV 1,000FT AMSL to an upper level of 4,500FT AMSL.
   b. WI the Class C airspace contained within the boundaries of the Rockhampton CTA steps 36NM north and 36NM south of YBRK ABV 4,500FT AMSL to an upper level of FL150.
   c. Radar services and radar-based traffic information service within 20NM of Rockhampton below 6,000FT limited due radar coverage. Delays and restrictions may occur.
5. Outside TWR HR Brisbane Centre provides:
   a. ATS within Class C airspace ABV 4,500FT AMSL.
   b. Class G service at and below 4,500FT AMSL.

   Note: Outside TWR HR, CTC Brisbane Centre for TAX and on ground reports in this airspace.

   Note: TWR and APP may operate independently, hours or airspace responsibility may change at short notice. Check status of airspace with ATS, NOTAM or Rocky ATIS.

RADIO NAVIGATION AND LANDING AIDS

DME	RK	116.9/116X	232258.1S	1502818.0E		(1)
NDB	RK	257	232215.3S	1502831.1E	Range 65 (HN 65)	
VOR	RK	116.9	232258.1S	1502817.5E		

(1) Antenna ELEV 57FT.

LOCAL TRAFFIC REGULATIONS

1. Circuit training for ACFT ABV 5,700KG permitted 2100-1200 UTC.
2. TWY B, J and K - ACFT TAX with engines overhanging TWY edge must avoid using power above idle thrust to prevent shoulder erosion and ENG damage.
3. TWY A and APN edge TAX lane BTN TWY A and TWY K restricted to 36M MAX wingspan.
4. ACFT ABV 5,700KG MTOW RQ pavement concession to use light ACFT TWYs and refuelling areas.
5. RPT APN is a Security Restricted Area. Access for non RPT operators by permission from Airport Management only.
6. IFR circuit training requires prior ATC approval. Pilots must book a slot time online at qld.bookawk.com.
7. All ACFT planning SVY, practice IAL, NAVAID training, require prior ATC approval within Class C and D airspace. Pilots must book a slot time online at qld.bookawk.com. CTC Brisbane Centre Shift Manager TEL 07 3866 3306 for approval.
8. A340-600, A380-800 and B777-300 ACFT OPS: ACFT should exercise caution during turns as normal CLR to TWY edge may not be AVBL. Pilots should apply judgemental oversteer when negotiating TWY to TWY and RWY to TWY turns. Where the aircraft's ground manoeuvring cameras are not AVBL, the pilot should request marshalling assistance from the company's agent.
9. Primary PRKG bays on the RAAF APN are marked for standard type F/A-15E. ACFT type designators are not marked at the stop lines. PRKG on this APN is only AVBL by prior permission from airport management.
10. Parallel TWY separation for TWY J and RPT APN TWY is restricted to code C separation. Simultaneous OPS not permitted if one ACFT is greater than 36M wing span.
11. ACFT ABV MTOW 22,000KG to execute turns at RWY ends or turning node. THR RWY 15 anti-clockwise marked by green CL lighting and THR RWY 33 clock-wise not lit.
12. ACFT ABV 5,700KG CTC AD OPR 48HRS prior for PRKG approval.
13. TWY E RESTR to 24M MAX wingspan.
14. No turn AVBL FM TWY F to TWY E or TWY E to TWY G.

FLIGHT PROCEDURES

1. Flying Training in D706 and Radio Failure Procedures

1.1. **ATC Requirements**

ACFT proceeding to, from or operating within D706 up to 4,500FT AMSL shall:

a. Do so in accordance with the Airways Clearance issued (see below).
b. Report when established in D706.
c. Report on 123.75 at the OPS NORMAL time/s nominated by CORAL approach.
d. Report on 123.75 when ready to depart D706 for CLR.

1.2. **Operating Clearance.**

A CLR to "Track to and operate within the Training Area not above A045", will mean:

a. Enter the Training Area (D706) tracking direct to the Stanwell Power Station.
b. Operate within D706 not above A045, leaving and re-entering CTA as required.

1.3. **Radio Failure**

IF an ACFT is unable to report arrival in D706 or make a nominated OPS NORMAL call, THEN the ACFT must:

a. Remain within D706 until 10 minutes after either,
   (i) the missed Arrival Report Time, or
   (ii) the expiry of the OPS NORMAL Time,
b. Squawk SSR Code 7600.
c. Attempt to contact Rocky Tower by mobile.
d. Make "blind" transmissions of intentions.
e. Listen out on ATIS for any instructions.
f. Return to Rockhampton tracking via Gracemere Hill at 1,500FT.
g. From Gracemere Hill, make a visual APCH to the preferred RWY via:
   (i) Straight-in for RWY 04, or
   (ii) Right Base for RWY 15, or
   (iii) Left Base for RWY 33 or 22,
h. On final, look for a light signal from the tower.
i. Proceed in accordance with the light signal from the tower.

Note: In the event of a missed APCH, make a Left Circuit for the same or appropriate alternative runway.

2. Low Visibility Procedures

a. LOW VIS TKOF are not supported by manual RV assessments.
b. Transmissometers are not installed.
c. ARO will assist pilots to access RWY for RV assessments.
d. RWY 15/33 is capable of supporting TKOF with RWY VIS not less than 800M.
e. Procedure AVBL for LVP from AD OPR.

3. Outside TWR HR, ACFT in the circuit are to operate as follows:

a. RWY 15 and 22 - Right hand CCTS;
b. RWY 04 and 33 - Left hand CCTS.

4. Initial and Pitch Procedures

a. Initial and Pitch (I&P)/Military Stream Arrival procedures are subject to ATC approval.
b. **Initial point**. The Rockhampton initial point (IP) is located at 5NM Final for the assigned runway. Aircraft shall be at 2,000FT AMSL straight and level prior to IP.
c. **Traffic**. ACFT will receive relevant traffic at the IP.
d. **Go-around procedure**. ACFT conducting a go-around must initially climb on runway track and remain in the CTR, remain visual and await instructions from ATC. If the aircraft cannot clear obstacles on runway track, the aircraft may turn.

CTAF - AFRU 118.1

Outside TWR HR.

NOISE ABATEMENT PROCEDURES

Noise Abatement Procedures (NAP) apply. Refer AIP DAP.

Information may be continued on the next page: PTO

ADDITIONAL INFORMATION

1. Hang gliding at Mt Helen 155/28NM FM Rockhampton AD, HJ JF. MAX 4,000FT AMSL.
2. Significant bird hazard exists:
   a. Waterfowl (ibis, duck, pelican and cormorant) hazard significantly increases on airfield and in vicinity after period of rainfall.
   Note: Increased in the undershoot of RWY 33.
   b. Seasonally migratory species increase in the terminal airspace in spring to summer (SEP-JAN).
   c. Flying-fox, micro-bat and waterfowl risk increased after sunset due to increased activity and decreased detectability.
   Note: Flying fox hazard increased before first light and in the vicinity of the AD.
   d. Check the Bird Watch reports and NOTAM for real-time wildlife hazard information.

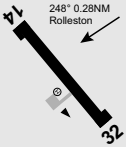
CHARTS RELATED TO THE AERODROME

1. WAC 3235.
2. Aerodrome Obstruction Chart Type A: 7th Edition (September 2021). Can be obtained FM AD OPR or website.
3. Also refer to AIP Departure and Approach Procedures.

ROLLESTON

ELEV 727

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YRLL
242742S 1483738E VAR 9 DEG E UNCR
AD OPR Central Highlands Regional Council, PO Box 21, Emerald, QLD, 4720.
Email: airport@chrc.qld.gov.au. PH 1300 242 686. Mobile 0408 194 913 (H24).
Fax 1300 242 687. Website: www.chrc.qld.gov.au.

REMARKS

1. PPR FM AD OPR. Day use only.
2. Commercial and charter OPS not permitted over 2,000KG MTOW.
3. White cone markers, no NAVAIDS.

AERODROME OBSTACLES

OBST (tree, power poles, fences WI etc) are in the immediate vicinity of the AD and infringe the OLS.

PHYSICAL CHARACTERISTICS

14/32 38a 2000 kg Unrated. Sealed. RWY LEN 1,148M. WID 15 RWS 45

1. Common RWY/RWS length.
2. Tyre pressure is in accordance with AIP 'unrated pavements'.
3. Helipad, concrete.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.3

LOCAL TRAFFIC REGULATIONS

1. ACFT to park on W edge of the APN.
2. All ACFT must roll through and make MAX RAD MNM speed turns at turn pad only.

CTAF 126.7

ADDITIONAL INFORMATION

Assume bird activity, wildlife and stock hazard exists.

CHARTS RELATED TO THE AERODROME

WAC 3340, 3341.

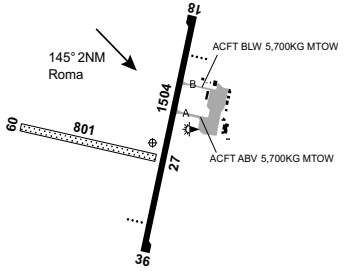
ROMA

ELEV 1027

AVFAX CODE 4101

QLD		UTC +10	YROM
263243S	1484630E	VAR 10 DEG E	CERT

AD OPR Maranoa Regional Council, PO Box 620, Roma, QLD, 4455.
Email: airport@maranoa.qld.gov.au. ARO 0407 730 531. Council PH 1300 007 662.
Fax 07 4624 6990. Website: www.maranoa.qld.gov.au.



REMARKS

1. PPR for ACFT ABV 5,700KG MTOW.
2. AD Charges: For current fees and charges refer to website.
3. This AD is a Security Controlled Airport. A valid ASIC is to be displayed at all times when airside.
4. Terminal is closed to airside access except for RPT or AD approved services. Passenger and baggage screening may be in operation.

HANDLING SERVICES AND FACILITIES

AIR BP – Scott Rodgers: 2100-0700 UTC JO: PH 07 4622 1175, Mobile 0417 958 399, Fax 07 4622 1176. AVGAS 24HR Air BP Carnet Cardswipe Bowser, JET A1 (vehicle). Cash and Air BP Carnet Card. No credit cards or cheques accepted. HJ AH call-out fee applies – cash only. Agent - IOR Aviation Pty Ltd. JET A1 (vehicle) and AVGAS 100LL (vehicle and drums), AVBL H24, 1HR PN required 2100-0600 UTC MON-FRI and 2200-0600 UTC SAT and SUN. AH call-out fee applies. IOR Mobile 0499 002 781. Payment via EFTPOS, IOR account holders or PH 1300 457 467.

PASSENGER FACILITIES

TX/PT/HC/AC/LG/WC/RF/ME.

APRONS AND TAXIWAYS

TWY limitations:

a. TWY A ABV 5,700KG MTOW;
b. TWY B BLW 5,700KG MTOW.

AERODROME OBSTACLES

TWR LIOL:

a. 1,407FT AMSL BRG 103 DEG MAG 4.4NM FM ARP.
b. 1,318FT AMSL BRG 091 DEG MAG 3.5NM FM ARP.
c. 1,138FT AMSL BRG 163 DEG MAG 1.65NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 07 3564 3735 - Report faults to BoM.
3. AWIS FREQ 122.125 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

09/27	092	26c	Unrated. Grassed black clay	WID 18	RWS 80
18/36	182	49a	PCR 202/F/D/1.02 MPa/T	WID 30	RWS 150

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING

RWY 18/36	LIRL	AFRU+PAL 126.95		SDBY PWR AVBL
RWY 18/36	PAPI(1)	AFRU+PAL 126.95	3.0 DEG49FT	
RWY 18/36	PTBL(2)			BY PRIOR ARRANGEMENT

(1) Left side.
(2) EMERG only. 90MIN PN.
1. RWY 18/36 AGL light spacing: 90M.
2. PAL activates all lighting.
3. During HJ, PAL will activate PAPI only. RWY LGT will only OPR during HJ when poor light levels exist.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 SEC.
2. TWY A LGT: Blue edge.
3. Bay 1 unlit.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	126.0 On Ground

RADIO NAVIGATION AND LANDING AIDS

NDB	ROM	377	263235.1S	1484654.1E	Range 90 (HN 70)

LOCAL TRAFFIC REGULATIONS

1. RWY 18/36: All ACFT ABV 5,700KG must roll through and use MAX radius turns on the RWY end turning nodes.
2. Bays 2 and 3 are Security Restricted Areas, PRKG restrictions apply during screening OPS.
3. HEL APN N of GA for LifeFlight use only.

CTAF - AFRU 126.95

ADDITIONAL INFORMATION

Bird hazard may exist - species specific NOTAM will be raised during periods of increased activity.

CHARTS RELATED TO THE AERODROME

1. WAC 3340, 3341.
2. Also refer to AIP Departure and Approach Procedures.

ROMSEY

ELEV 1500

FULL NOTAM SERVICE NOT AVBL

VIC		UTC +10	YRSY
372330S	1444418E	VAR 12 DEG E	UNCR

AD OPR Neale Jackson, 89 Black Range Road, Romsey, VIC, 3434. Mobile 0408 393 808.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	135.7 On ground

CTAF 121.6

CHARTS RELATED TO THE AERODROME

WAC 3469, 3470.

ROSE BAY

FULL NOTAM SERVICE NOT AVBL

NSW		UTC +10	YRAY
335212S	1511547E	VAR 13 DEG E	UNCR

AD OPR NSW Roads and Maritime Services, Lyne Park, Rose Bay, NSW, 2029.
Email: reservations@seaplanes.com.au. PH Seaplane Base 02 9388 2802:
Head Office 02 9388 1978. Website: www.seaplanes.com.au.

REMARKS

This area is not recommended for recreational or light sport ACFT due potentially rough water surface conditions. Call Seaplane Base Operator for local briefing.

PHYSICAL CHARACTERISTICS
Unmarked water alighting area. Generally defined by the boundary of Rose Bay in Sydney Harbour. Northern limit of the water alighting area is defined by lines that connect Woollahra Point to Shark Island and Shark Island to Steel Point.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	SYDNEY CENTRE	124.55

FLIGHT PROCEDURES
Alighting area is surrounded by densely populated areas. For noise abatement, OPS are to be confined to overwater at all times. Do not overfly land areas or moored boats.

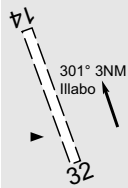
CTAF 120.8

ADDITIONAL INFORMATION
1. Caution boat traffic, boat wakes and rough water for takeoff and landing.
2. Alighting area entirely within R407B and bounded by YSSY class C airspace. Refer ERSA YSSY for details of R407.

CHARTS RELATED TO THE AERODROME
WAC 3456.

ROSE VALE

ELEV 800
FULL NOTAM SERVICE NOT AVBL



NSW		UTC +10	YRVL
345058S	1474649E	VAR 12 DEG E	UNCR

AD OPR AR & FE Hamilton, Rose Vale, Illabo, NSW, 2590.
Email: afhamilton@bigpond.com. PH 0427 245 446.

REMARKS
Prior arrangements appreciated.

AERODROME OBSTACLES
Tree right of centreline on short final, RWY 32.

PHYSICAL CHARACTERISTICS
RWY 14/32 length 1,000M. Unrated smooth dirt SFC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	134.65 3000FT

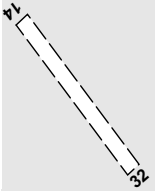
CTAF 126.7

ADDITIONAL INFORMATION
1. Animal hazard exists.
2. AD can become slippery after heavy rain.

CHARTS RELATED TO THE AERODROME
WAC 3456, 3457.

ROSEBERTH

ELEV 180
FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YRSB
255000S	1393900E	VAR 7 DEG E	UNCR

AD OPR Roseberth Station, via Birdsville, QLD, 4482. PH 07 4656 3250.

AERODROME OBSTACLES
Unlit tower 370FT AGL, 055/5NM from ARP.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	125.4 Circuit Area

Information may be continued on the next page: PTO

CTAF 126.7

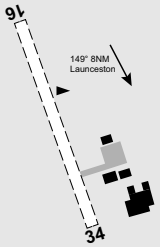
CHARTS RELATED TO THE AERODROME

WAC 3342.

ROSTELLA

ELEV 30

FULL NOTAM SERVICE NOT AVBL



TAS UTC +10 YRST

411953S 1470301E VAR 15 DEG E UNCR

AD OPR Charles Booth, 135 Rostella Road, Dilston, TAS, 7252.
Mobile 0419 879 270.

REMARKS

PPR.

APRONS AND TAXIWAYS

TWY to PRKG E of RWY, grass WID 15M.

PHYSICAL CHARACTERISTICS

16/34 29c Unrated. Grass. RWY LEN 872M. WID 30

ATS AND AERODROME COMMUNICATION FACILITIES

FIA LAUNY CENTRE (1) 123.8

(1) Outside LT TWR and APP HR ML CENTRE.

LOCAL TRAFFIC REGULATIONS

In nil wind conditions RWY 34 is the default RWY.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3556.

ROTTNEST ISLAND

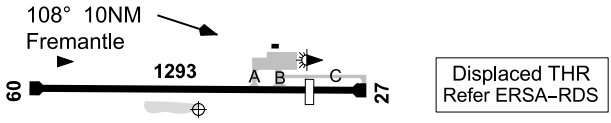
ELEV 12

AVFAX CODE 6004

WA UTC +8 YRTI

320024S 1153223E VAR 2 DEG W CERT

AD OPR Rottnest Island Authority, 1 Mews Road, Fremantle, WA, 6160.
PH AD Manager BH 0400 631 696: 08 9372 9788. PH AH Ranger 08 9372 9788.



REMARKS

1. AD Charges: All ACFT.
2. OPR HR: HJ.
3. PPR from AD MGR for ARR/DEP DRG HN.

PASSENGER FACILITIES

LG/WC/BU

APRONS AND TAXIWAYS

TWY Charlie MAX wingspan 15M.

AERODROME OBSTACLES

1. Lighthouse 282FT, BRG 270 DEG MAG 1.9NM FM ARP.
2. Lit wind turbine 289FT, BRG 303 DEG MAG 1.25NM FM ARP.
3. RWY 09 transient object - train on railway to S border encroaches W end of airstrip.
4. Hill 79FT AMSL BRG 092 DEG MAG 0.57NM FM ARP. Infringes RWY 27 APCH.

5. Signs:
   a. 19FT AMSL BRG 270 DEG MAG 0.23NM FM ARP.
   b. 18FT AMSL BRG 092 DEG MAG 0.26NM FM ARP.
6. Bushes:
   a. 26FT AMSL BRG 271 DEG MAG 0.35NM FM ARP.
   b. 19FT AMSL BRG 271 DEG MAG 0.27NM FM ARP.
   c. 31FT AMSL BRG 276 DEG MAG 805M FM ARP. Infringes RWY 09 APCH by 3FT.
7. Trees:
   a. 76FT AMSL BRG 095 DEG MAG 1,175M FM ARP. Infringes RWY 27 APCH by 8FT.
   b. 77FT AMSL BRG 99 DEG MAG 0.38NM FM ARP.
   c. 71FT AMSL BRG 98 DEG MAG 0.37NM FM ARP.
   d. 74FT AMSL BRG 101 DEG MAG 0.33NM FM ARP.
   e. 29FT AMSL BRG 270 DEG MAG 0.36NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS Phone 08 6216 2635 - Report faults to BoM.
3. AWIS FREQ 134.35 (requires a one-second pulse to activate). AWIS will transmit for 90 SEC. Report faults to AD MGR.
   Note: AWIS located BRG 270 DEG MAG 1.8NM FM ARP.

PHYSICAL CHARACTERISTICS

09/27 092 42a PCR 35/F/C/Y/T WID 18 RWS 90
90(295) X 45(148) wide turning nodes each end.

AERODROME AND APPROACH LIGHTING

RWY 09/27 LIRL(1)
(1) EMERG only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA PERTH CENTRE 135.25 On Ground

LOCAL TRAFFIC REGULATIONS

1. All HEL to park on area defined by blue cone markers N of RWY near WDI.
2. Nil PRKG AVBL on brick-paved area or unsealed area of terminal BLDG. PRKG on sealed APN only.
3. Training not permitted BTN 2000-0600 Local without special arrangement with the AD Manager.
4. All ACFT must make MAX radius turns at MNM speed to avoid SFC damage.

FLIGHT PROCEDURES

1. RWY 09 right hand CCTS required during daylight hours.
2. ACFT to avoid over flying settlement on N side of island.

CTAF 126.0

ADDITIONAL INFORMATION

1. Wildlife hazard (marsupial quokka and migratory birds) on and in VCY of RWY 09/27. For dispersal HN, CTC AD MGR.
2. CAUTION PJE OPS:
   a. Bickley Bay BRG 094 DEG MAG 0.8NM.
   b. Salmon Bay BRG 230 DEG MAG 1.2NM.
   c. Thompson Bay BRG 066 DEG MAG 0.6NM.
3. RFDS must CTC AD MGR for RWY check 30MIN prior to ARR HN.

CHARTS RELATED TO THE AERODROME

1. WAC 3462.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

ROYAL NORTH SHORE HOSPITAL

ELEV 363

FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YXNS
334916S 1511131E VAR 13 DEG E UNCR
AD OPR Royal North Shore Hospital, Pacific Highway, St Leonards, NSW, 2065. PH Hospital Switch 02 9926 7111: Security 02 9926 7190: 02 9926 7724.

REMARKS

1. MAX size/Mass - BH412 or equivalent (5,400KG).
2. Medical EMERG OPS only.

HANDLING SERVICES AND FACILITIES

Medical EMERG only.

AERODROME OBSTACLES

1. Three large television towers in close proximity.
2. Plant room at E end of HLS.
3. Taller buildings to the N, E and SE.

PHYSICAL CHARACTERISTICS

HELIPAD - 26M x 40M Rooftop HLS with 2 9M x 9M concrete LLAs.

AERODROME AND APPROACH LIGHTING

Pilot Actuated Airport Lighting Control (PAALC) - 120.05 - Yellow perimeter lights, Hospital HLS markings.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA SYDNEY CENTRE 124.55
Operations are within NORTH SHORE LANE - FREQ 120.8

LOCAL TRAFFIC REGULATIONS

1. Notify details of inbound patients to emergency department on 02 9436 1863.
2. Skid under carriage HEL on LLA.

FLIGHT PROCEDURES

APPROACH/DEPARTURE PATHS

a. Over Gore Hill cemetery (Inbound - 083DEG MAG; Outbound - 263DEG MAG)
b. Over Gore Hill oval (Inbound - 290DEG MAG; Outbound - 110DEG MAG)

CTAF 120.8

CHARTS RELATED TO THE AERODROME

WAC 3456.

ROYAL PRINCE ALFRED HOSPITAL

ELEV 96

FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YRPA
335322S 1511102E VAR 13 DEG E UNCR
AD OPR Royal Prince Alfred Hospital, Missenden Road, Camperdown, NSW, 2050.

REMARKS

1. Location: UBD City Link Map 14D3
2. 1:25K Map 9130 grid 319485

PHYSICAL CHARACTERISTICS

1. 26M Rooftop Helipad atop new wing (Level 11).
2. Maximum design weight 5,400KG.
3. 19M Dashed white circle.
4. Standard Hospital HLS Symbol.
5. 12 x white omnidirectional perimeter lights.
6. 2 x white, illuminated flight path arrows.
7. Manually-activated flood light on request.
8. Lighted windsock with beacon.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA SYDNEY CENTRE 124.55

LOCAL TRAFFIC REGULATIONS

1. Lee-side turbulence in west wind due to building alongside.
2. Possible turbulence due low velocity air discharge from plant rooms immediately below northern flight path.
3. Magnetic Resonance Imaging Unit (MRI) bearing 290DEG 70M.

FLIGHT PROCEDURES

1. PREFERRED FLIGHT PATHS:

a. 165DEG M in/345DEG M out.

b. 330DEG M in/320DEG M out.

2. Minimise ground running.

CTAF 126.7

ADDITIONAL INFORMATION

1. Buildings below 8:1 flight path gradient about 600M South.
2. Emergency equipment stored adjacent to HLS.
3. CO2 & Dry Chemical Fire Extinguishers.
4. Fire Hose Reel with “chrome foam”.
5. Chem-spill Bucket.
6. Fire Blanket.
7. “Hot Line” to NSWFB.
8. Video Surveillance.
9. Push-button to open access doors & prioritise lifts.

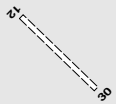
CHARTS RELATED TO THE AERODROME

WAC 3456.

RUTLAND PLAINS

ELEV 50

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YRTP

153836S 1415036E VAR 5 DEG E UNCR

AD OPR M.D.H. Pty Ltd, Rutland Plains Station, via Normanton, QLD, 4890. PH 07 4060 5215. Fax 07 4060 5196.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	118.6 9500FT

CTAF 126.7

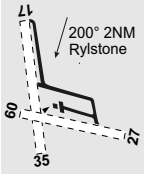
CHARTS RELATED TO THE AERODROME

WAC 3112.

RYLSTONE AIRPARK

ELEV 1990

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YRYL

324615S 1495936E VAR 12 DEG E UNCR

AD OPR Rylstone Aerodrome Airpark Community Association, PO Box 179, Rylstone, NSW, 2849. Email: rob@rylstone.com.au. PH Caretaker 0438 511 836. ARO 0411 816 300. Website: www.rylstoneaerodrome.com.au.

REMARKS

1. This is a privately owned “Community Title” residential airpark.
2. SFC conditions can vary due to weather and aerodrome works. CTC Caretaker or AD OPR for current conditions, hazards and parking.
3. NIL Landing fees - however donations toward maintenance are gratefully accepted.
4. Weather cameras and aerodrome weather information AVBL on website.
5. AD gates locked - Call Caretaker or AD OPR for access and information.

Information may be continued on the next page: PTO

HANDLING SERVICES AND FACILITIES

Skyfuel: AVGAS and JET A1, H24 self service bowsers accepts MC, V and Skyfuel Carnet card. PH 0418 862 100 or 0417 780 280. Refer to www.skyfuel.com.au for site information and orientation.

PHYSICAL CHARACTERISTICS

RWY 2 x Grass SFC.
09/27 900M.
17/35 900M reduced to 800M by 100M displaced threshold at N end of 17 due to dip and rough SFC.

AERODROME AND APPROACH LIGHTING

Nil RWY lighting.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	133.05

LOCAL TRAFFIC REGULATIONS

1. Caution: ACFT DEP 09 NIL VIS of traffic on RWY 09 E of 17/35 INTSC due to hump in RWY.
2. Use sealed taxiway when operating on RWY 17/35.
3. When operating on RWY 09/27 backtrack on grass TWY on S side of RWY.
4. When operating from RWY 17 backtrack on shared tar sealed TWY/roadway on E side of RWY.

CTAF 126.7

ADDITIONAL INFORMATION

1. RWY mowing and farm machinery operate on airfield.
2. Caution potential animal hazards.
3. Visit website for more information.

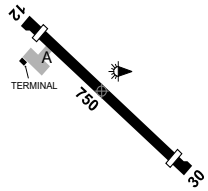
CHARTS RELATED TO THE AERODROME

WAC 3456, 3457.

SAIBAI ISLAND

ELEV 15

AVFAX CODE 4528



QLD UTC +10 YSII
92242S 1423730E VAR 4 DEG E CERT
AD OPR Torres Strait Island Regional Council, PO Box 7336, Cairns, QLD, 4870. Email: saibai.aerodrome@tsirc.qld.gov.au. PH 07 4034 5700. ARO 0439 374 351 (H24).

REMARKS

Restricted OPS: PPR from AD OPR

AERODROME OBSTACLES

1. RWY 12/30 transitional SFC infringed by boundary fence and palm trees NW end of RWY.
2. Light pole 20FT AGL BRG 312 MAG 261M FM ARP. Infringes TNS by 12FT.
3. TWR 220FT AMSL BRG 248 DEG MAG 0.7NM FM ARP. Infringes HZS.
4. Trees:
   a. 33FT AMSL BRG 149 DEG MAG 350M FM ARP. Infringes TNS.
   b. 33FT AMSL BRG 134 DEG MAG 330M FM ARP. Infringes TNS.

PHYSICAL CHARACTERISTICS

12/30 127 25a Unrated. Sealed WID 18 RWS 60

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.3 2000FT

FLIGHT PROCEDURES

For special procedures which apply to Torres Strait biosecurity requirements, see ERSA GEN - SPECIAL PROCEDURES.

CTAF 126.7

ADDITIONAL INFORMATION

Animal hazard (dogs) exist.

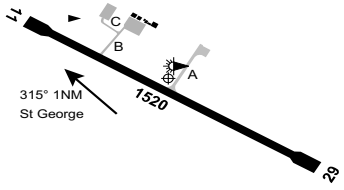
CHARTS RELATED TO THE AERODROME

1. WAC 3097.
2. Also refer to AIP Departure and Approach Procedures.

SAINT GEORGE

ELEV 656

AVFAX CODE 4108



QLD UTC +10 YSGE
280259S 1483543E VAR 10 DEG E CERT
AD OPR Balonne Shire Council, PO Box 201, St George, QLD, 4487. PH 07 4620 8888. ARO 0457 169 921: 0492 273 881: 0429 621 430.

PASSENGER FACILITIES

WC/LG.

AERODROME OBSTACLES

1. Lit COMM TWR LOC APRX 4.1NM on BRG 322.75 DEG MAG FM ARP at 275921.78S 1483335.52E is 298 FT AGL/APRX 1,001 FT AMSL.
2. Lit SRY WDI LOC 121M left of APCH to NW THR 11 end infringes TNS by 2FT.

METEOROLOGICAL INFORMATION PROVIDED

TAF CAT D, METAR/SPECI.

PHYSICAL CHARACTERISTICS

11/29 111 50a Unrated. Level. WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 11/29 LIRL AFRU+PAL 126.7 SDBY PWR AVBL
RWY edge light spacing: 11/29: 60M.

Information may be continued on the next page: PTO

OTHER LIGHTING
1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 118.95 On ground

RADIO NAVIGATION AND LANDING AIDS
NDB SGE 383 280249.8S 1483549.8E Range 40 (HN 40) (1)
(1) Pilot monitored.

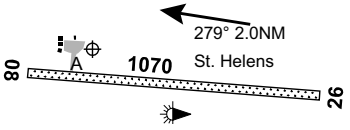
CTAF - AFRU 126.7

ADDITIONAL INFORMATION
1. Bird and animal hazard exists.
2. No SRY WDI is provided to the SE THR 29 end.

CHARTS RELATED TO THE AERODROME
1. WAC 3356, 3357.
2. Also refer to AIP Departure and Approach Procedures.

SAINT HELENS — ELEV 158

AVFAX CODE 7004
TAS UTC +10 YSTH
412012S 1481655E VAR 15 DEG E CERT
AD OPR Break O' Day Council, 32-34 Georges Bay Esplanade, St Helens, TAS, 7216.
PH 03 6376 7900 H24.



REMARKS
AD Charges: All ACFT.

AERODROME OBSTACLES
1. Unlit:
   a. TWR 1,227FT AMSL PSN 412126.8S 1481415.2E. Infringes conical SFC by 700FT.
   b. TWR 298FT AMSL PSN 412001.3S 1481713.1E. Infringes HZS by 14FT.
2. Lit:
   a. TWR 1,205FT AMSL PSN 412127.0S 1481414.0E. Infringes conical SFC by 674FT.
   b. Terrain 315FT AMSL PSN 412017.7S 1481441.6E. Infringes HZS by 32FT.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT D, METAR/SPECI.
2. AWIS PH 03 6283 8606 - Report faults to BoM.

PHYSICAL CHARACTERISTICS
08/26 078 35c 5700 kg/0.55 MPa Grassed grey sand. WID 30 RWS 90
Central 18M gravel

AERODROME AND APPROACH LIGHTING
RWY 08/26 LIRL(1) PAL 122.2 SDBY PWR AVBL
(1) SDBY PWR EMERG only. MAN ACT with 45 MIN PN.

OTHER LIGHTING
TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 126.5 Circuit Area

LOCAL TRAFFIC REGULATIONS
RWS not AVBL for LDG or TKOF.

FLIGHT PROCEDURES
1. Right hand CCTS RWY 26 HN.
2. HN CCTS must remain E of Saint Helens town and over water when ACFT are W of AD.
3. No circling S of RWY 08/26. Refer to AIP DAP.

CTAF 119.1

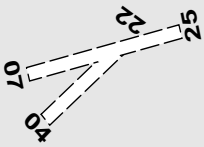
ADDITIONAL INFORMATION
1. Windshear will be experienced on short final RWY 08 with moderate/strong NE winds.
2. Model ACFT OPS HJ WI 300M radius of PSN 411712.00S 1481306.00E BRG 318MAG 4.1NM FM AD SFC to 1,000FT AGL. CTC 0417 118 181.

CHARTS RELATED TO THE AERODROME
1. WAC 3556.
2. Also refer to AIP Departure and Approach Procedures.

SAMARAI

ELEV 1400

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YSAM
271422S	1514104E	VAR 11 DEG E	UNCR

AD OPR Samarai, 2637 Oakey-Cooyar Road, Oakey, QLD, 4401.
Email: samarai1@bigpond.com. PH 07 4692 8205. Mobile 0428 928 250 (not always in range).

REMARKS
1. PPR.
2. Dry weather only. Check strip condition.

PHYSICAL CHARACTERISTICS
1. RWY 07/25 1,400M.
2. RWY 09/27 300M gravel.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	121.2 On Ground
ACD	OAKEY DELIVERY	133.35
APP	OAKEY APPROACH	125.4
ATIS	OAKEY ATIS	124.3 (1)

(1) use when active or PN 4577 7235
See Oakey YBOK ERSA.

LOCAL TRAFFIC REGULATIONS
RWY 09/27 suitable for STOL.

CTAF 126.7

ADDITIONAL INFORMATION
1. AD located within R654 A & C. Consult ERSA and NOTAMS for Oakey airspace procedures.
2. RWY 09/27 located near house APRX 2KM N 271313.32S 1514112.24E.
3. There are patches of vegetation in the vicinity of both strips.
4. Animal hazards exist including possible cattle, kangaroos and birds. Also powerlines and fences.

CHARTS RELATED TO THE AERODROME
WAC 3340.

Information may be continued on the next page: PTO

SCAWFELL ISLAND

AVFAX CODE 4422 **FULL NOTAM SERVICE NOT AVBL**

QLD		UTC +10	YSCF
204601S	1495713E	VAR 8 DEG E	UNCR

AD OPR Auriga Aviation, PO Box 2654, Fortitude Valley QLD, 4006.
Email: eastcoastaviation@auriga.com.au. PH 0438 862 962.

REMARKS
Private use.

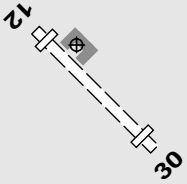
ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 135.5

CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3234, 3235.

SCENIC RIM

ELEV 308
FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YSRA
280509S	1525030E	VAR 11 DEG E	UNCR

AD OPR Scenic Rim Aerodrome, 15 Salisbury Ave, Kooralbyn, QLD, 4285.
Mobile 0418 435 655 or 0478 089 922.

REMARKS
1. PPR.
2. AD charges: Private ACFT.

PASSENGER FACILITIES
PT/RF/WC/AC (Kooralbyn Resort Phone 07 5544 6688).

PHYSICAL CHARACTERISTICS
12/30 39c Unrated. RWY LEN 1,200M. DTHR both ends. WID 10

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 119.5 2500FT

LOCAL TRAFFIC REGULATIONS
Carriage and use of radio is required by AD OPR.

FLIGHT PROCEDURES
1. Right hand CCTS RWY 12.
2. Left hand CCTS RWY 30.

CTAF 126.65

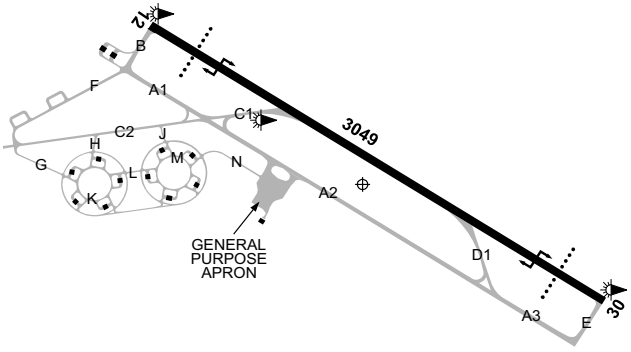
ADDITIONAL INFORMATION
1. Bird and animal hazard exists - pilots use caution.
2. Caution:
   a. Sections of airfield unfenced - watch for pedestrians crossing runway.
   b. Vegetation may infringe approach and departure.
3. Grass areas soft after rain.

CHARTS RELATED TO THE AERODROME
WAC 3357.

SCHERGER (RAAF) ELEV 145

AVFAX CODE 4507

QLD UTC +10 YBSG
123726S 1420514E VAR 5 DEG E MIL
AD OPR RAAF, Airbase Operations Centre - RAAF Base Townsville, QLD, 4814.
Email: tvl.aboc@defence.gov.au. PH 07 4752 1888.



REMARKS

1. All ACFT require H24 PN to RAAF Base Townsville ABOC. PN and support REQ to be made through PH 07 4752 1888 or 0418 405 948 or via email.
2. INTL RAAF FLT are not to plan to enter Australia THRU Scherger WO approval of Department of Customs and Australian Quarantine and Inspection Service (AQIS), EXC in an EMERG.

HANDLING SERVICES AND FACILITIES

AVBL via NOTAM.

RESCUE AND FIREFIGHTING SERVICES

AVBL via NOTAM.

APRONS AND TAXIWAYS

1. TWY C2, G, H, J, K, L, M, N PCR 250/F/C/W/T.
2. TWY F PCR 300/F/C/W/T.
3. TWY F restricted to MAX wingspan 41M.
4. TWY G, H, J, N restricted to Code A ACFT only.
5. RWY and TWY shoulders non-compliant for Code D and Code E ACFT. Reduced WID and edge clearance for Code D ACFT on TWY C1 and D1. TWY edge drops greater than 25mm in areas on TWY A1, A2, A3, C1 and D1.
6. TWY markings non-compliant. C17A ACFT and larger to TAX at 5KT at TWY INT.
7. TWY A1, A2 and A3 AVBL as EMERG RWY.
8. RWY HLDG PSN markings and lighting on TWY B, C1 and D1 non-compliant.
9. Non-STD TWY naming conventions.
10. Nil mandatory instruction movement area guidance signs AVBL at TWY B, C1, D1 and E. INT DEP FM TWY C1 and D1 not assessed for compliance to design RQMNTS DRG initial certification. INT DEP FM TWY C1 and TWY D1 at pilot's discretion.

AERODROME OBSTACLES

IWI at both thresholds penetrate OLS. Not frangible. IWI INTST unknown.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 07 3564 3737 - Report faults to 07 4082 3070.

Information may be continued on the next page: PTO

PHYSICAL CHARACTERISTICS

12/30 117 100a PCR 500/F/C/W/T WID 45 RWS 150
Arrestor system not permanently installed. Units requiring hookcable are to provide system and crew.

AERODROME AND APPROACH LIGHTING

RWY 12/30	MIRL	PAL+AA 120.6		SDBY PWR AVBL
RWY 12/30	PAPI	PAL+AA 120.6	3.0 DEG48FT	SDBY PWR AVBL
RWY 12/30	RTIL	PAL+AA 120.6		SDBY PWR AVBL

1. DIST to run markers lit.
2. PWR supplied by generator on base. SDBY PWR AVBL 15-20 SEC delay.
3. RWY edge LGT and PAPI not AVBL EXC with 24HR PN to RAAF Base Townsville ABOC via email.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.1 Circuit Area
TWR, SMC and ATIS availability and HR of service promulgated by NOTAM.

RADIO NAVIGATION AND LANDING AIDS

TAC SGR 123710.9S 1420520.0E (1)
(1) PTBL FAC ACT as required by MIL authorities. Channel assignment and ACT by NOTAM.

LOCAL TRAFFIC REGULATIONS

180 DEG turns on RWY not permitted for ACFT with outer main gear wheel span greater than 9M.

FLIGHT PROCEDURES

1. **REMOTELY PILOTED AIRCRAFT SYSTEM (RPAS)**

1.1. All RPAS requests and enquiries are to be sent to adf.airspace@defence.gov.au with at least 5 business days PN. OPS are subject to MIL OPS and may be restricted or cancelled at any time.

CTAF 126.7
Except when Scherger CTR and Restricted areas active.

ADDITIONAL INFORMATION

1. Animal hazard exists.
2. Two-way COM BTN ACFT on the ground at Weipa and Scherger on CTAF may be prevented by terrain shielding.
3. No AFRU exists at Scherger. ACFT to coordinate alternate means to check COM. Note that Scherger and Weipa use the same CTAF FREQ and use Weipa AFRU.

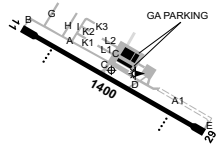
CHARTS RELATED TO THE AERODROME

1. WAC 3112.
2. MIL Aerodrome Obstruction Chart Type A: NOV 2024.
3. Also refer to AIP Departure and Approach Procedures.

SCONE

ELEV 745

AVFAX CODE 2023



NSW UTC +10 YSCO
320214S 1504956E VAR 12 DEG E CERT
AD OPR Upper Hunter Shire Council, PO Box 208, Scone, NSW, 2337.
PH 02 6540 1100: AH AD Manager 0439 428 134. Fax 02 6545 2671.

REMARKS

1. AD Charges: Refer to http://upperhunter.nsw.gov.au/ for current fees and charges. Bookings for ACFT PRKG is compulsory over 5,700KG.
2. Gate access code from landside to main apron is: C then the YSCO CTAF.

HANDLING SERVICES AND FACILITIES

Aero Refuellers - AVGAS and JET A1 H24 self-service bowsers. Accept Aero Refuellers cards, V and MC. PH: 0413 003 808.

PASSENGER FACILITIES

Terminal facilities AVBL in Scone Memorial Airport BLDG. Access code is C then YSCO CTAF. RF (cafe WED-FRI: 0800-1500, SAT/SUN: 0900-1500 Local).

AERODROME OBSTACLES

Trees:

a. 748FT AMSL PSN 320233.88S 1505031.55E. Infringes OLS by 5FT.
b. 745FT AMSL PSN 320234.02S 1505031.84E. Infringes OLS by 1FT.
c. 773FT AMSL PSN 320221.58S 1505013.00E. Infringes TNS by 4FT.
d. 757FT AMSL PSN 320221.74S 1505011.27E. Infringes TNS by 4FT.
e. 755FT AMSL PSN 320222.78S 1505013.29E. Infringes TNS by 3FT.
f. 751FT AMSL PSN 320223.95S 1505015.44E. Infringes TNS by 5FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 02 9353 6449 - Report faults to BoM.
3. AWIS FREQ 134.55 (requires 1 second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

11/29 110 46 PCR 240/F/D/X/T Uneven SFC due to soil movement WID 30 RWS 90 RWS not AVBL due rough SFC.

AERODROME AND APPROACH LIGHTING

RWY 11/29	LIRL(1)	PAL 128.0	
RWY 11	PAPI(2)	PAL 128.0	3.0 DEG45FT
RWY 29	PAPI(3)	PAL 128.0	3.0 DEG46FT

(1) PAL requires three one-second pulses to activate.
(2) Right side. PAL requires three one-second pulses to activate.
(3) Left side. PAL requires three one-second pulses to activate.

OTHER LIGHTING

TWY LGT: Blue edge on TWY C.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	124.8 4000FT

LOCAL TRAFFIC REGULATIONS

1. Exit TWY at the RWY 11 end is 7.5M wide.
2. Two gravel TWY to the fire bombing base is restricted to fire bombing ACFT only.
3. Main TWY BTN ‘Air Pasture’ and hangars not AVBL due to uneven SFC.
4. Helicopter parking AVBL on TWY A between TWY C and D.

CTAF 128.0

ADDITIONAL INFORMATION

1. Animal hazard (kangaroos, foxes and birds) exists WI VCY RWY 11/29.
2. Caution: The pilot in command should be aware of the terrain and obstacles in the circling area prior to conducting Night IFR OPS into Scone.
3. Caution: During rain, GA APN holds excessive water at entrance and near refuelling bowser.

CHARTS RELATED TO THE AERODROME

1. WAC 3456.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

SCOTIA SANCTUARY

ELEV 180
FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YSCA
331218S 1411001E VAR 9 DEG E UNCR
AD OPR Scotia Sanctuary Pty Ltd, via Wentworth, NSW, 2648. PH 03 5027 1200.
Fax 03 5027 1200.

REMARKS
PPR prior to landing.

PHYSICAL CHARACTERISTICS
RWY 17/35, loose gravel south end, WID 20M. 08/26, WID 22M, smooth earth east end of RWY 08.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.6

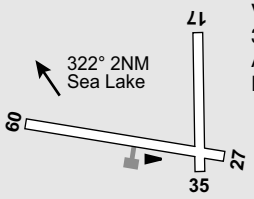
CTAF 126.7

ADDITIONAL INFORMATION
1. CAUTION: Dam at southern end of 17/35, 2nd dam south of 08/26.
2. TV tower 70FT, Solar phone TWR, Wind light tower located at homestead.
3. Operate on UHF channel 1 duplex.
4. Two windsocks, no tie-down facilities.
5. Airstrips prone to surface damage by digging animals.
6. Crosswind landings with care, trees adjacent to both airstrips.
7. Airstrips can be covered with windblown sand.

CHARTS RELATED TO THE AERODROME
WAC 3458.

SEA LAKE

ELEV 184
FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YSLK
353154S 1425326E VAR 10 DEG E UNCR
AD OPR Buloke Shire Council, PO Box 1, Wycheproof, VIC, 3527.
PH 1300 520 520. Fax 03 5493 7395.

PHYSICAL CHARACTERISTICS

09/27	34c	Unrated. Grass	WID 30	RWS 90
17/35	23c	Unrated. Grass	WID 30	RWS 90

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.8 Circuit Area

CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3458.

SEABUOY

AVFAX CODE 6820 **FULL NOTAM SERVICE NOT AVBL**

WA		UTC +8	YSBY
202548S	1164251E	VAR 1 DEG E	UNCR

AD OPR Auriga Group, 14 Argyle St, Albion, QLD, 4010. Email: westcoastaviation@auriga.com.au. ARO 0427 061 441.

REMARKS

All enquiries to Head of Flying Operations (HOFO) via AD OPR. Include “ATTN HOFO” in email subject.

METEOROLOGICAL INFORMATION PROVIDED

AWIS FREQ 135.85 - Report faults to AD OPR.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.4
ATIS	KARRATHA ATIS	134.55
TWR	KARRATHA TOWER	127.35

CTAF 127.35

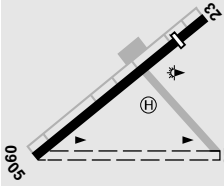
CHARTS RELATED TO THE AERODROME

1. WAC 3229.
2. Also refer to AIP Departure and Approach Procedures.

SERPENTINE

ELEV 30

FULL NOTAM SERVICE NOT AVBL



WA		UTC +8	YSEN
322342S	1155224E	VAR 2 DEG W	UNCR

AD OPR Sport Aircraft Builder's Club of WA Inc, Yangedi Road North, Hopeland, WA, 6125. Email: secretary@sabc.org.au. Website: www.sabc.org.au.

REMARKS

PPR. Email request for permission to committee@sabc.org.au.

HANDLING SERVICES AND FACILITIES

PPR to confirm fuel AVBL. AVGAS and MOGAS 95 AVBL H24. Accepts Dunning Card and credit card (V and MC). Other cards not accepted. For system faults: PH 0407 199 681.

AERODROME OBSTACLES

1. High voltage powerlines running North to South 900M West of AD boundary.
2. Trees to 10M short final RWY 27.

PHYSICAL CHARACTERISTICS

05/23	30a	Unrated. Sealed. RWY LEN 900M. RWY 23 DTHR 100M.	WID 12	RWS 15
09/27	20c	Unrated. Grass. RWY LEN 600M.	WID 24	RWS 30

AERODROME AND APPROACH LIGHTING

RWY 05/23 MIRL PAL 125.3

RWY 05/23 edge LGT spacing: 96M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	PERTH CENTRE	135.25 On ground

LOCAL TRAFFIC REGULATIONS

1. No flight school training permitted.
2. ACFT should manoeuvre on TWY and RWY only due to soft sand.

FLIGHT PROCEDURES

1. RWY 05 MNM CCT HGT 1,000FT.
2. CCTS not permitted before 0800 on SUN.

CTAF 119.1

Information may be continued on the next page: PTO

ADDITIONAL INFORMATION

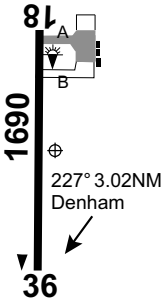
1. Displaced holding point RWY 05 and RWY 09 due overlap.
2. RWY 09/27 grass sprinklers may operate during summer months.
3. Murray Field (YMUL) has identical RWY designators and CTAF.
4. Kangaroo and bird hazard exists.
5. Low level aerobatics in VCY.
6. Emergency Services HEL OPS H24.
7. Refer Perth VTC and VNC.

CHARTS RELATED TO THE AERODROME

WAC 3462.

SHARK BAY — ELEV 129

AVFAX CODE 6504



WA UTC +8 YSHK
255338S 1133438E VAR 1 DEG W CERT
AD OPR RTA Leisure Pty Ltd, PO Box 47, Denham, WA, 6537.
Email: aro@nationwestaviation.au. ARO H24 0401 662 215.

REMARKS

1. Landing fees are $32 (inc GST) for ACFT BLW 5,700KG. Cash only in honour box in terminal. Invoice fee will apply if not paid in cash.
2. Airfield main access gate open 0700-1800 Local. CTC AD Manager/ ARO 24HR PN for arrangements outside operating times.

PASSENGER FACILITIES

LG/WC/AC - Monkey Mia Dolphin Resort, phone: 08 9948 1320.
BU (local shuttle), phone: 0412 626 074. HC - Shark Bay Car Hire, phone: 0474 556 296.

APRONS AND TAXIWAYS

1. TWY A 15M, code C.
2. TWY B 7.5M, code A.

AERODROME OBSTACLES

1. Unlit mast 224DEG/2.55NM FM ARP top height 320FT AMSL.
2. Lit wind farm 228DEG/1.8NM to 238DEG/1.82NM FM ARP top 315FT AMSL.
3. Line of trees 50M both E and W of CL for full length of RWY. Infringes transitional SFC by 5FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 08 6216 2636 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

18/36 179 55a PCR 100/F/A/0.70 MPa/U WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 18/36 LIRL(1) AFRU+PAL 126.7
(1) Powered by onsite generator. SDBY PWR NOT AVBL.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 122.1 2000FT

LOCAL TRAFFIC REGULATIONS

1. All ACFT under 5,700KG to park south of the PRKG clearance.
2. ACFT ABV 5,700KG other than RPT to give AD Manager 24 HR PN.
3. Light ACFT tie-downs not strength rated.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

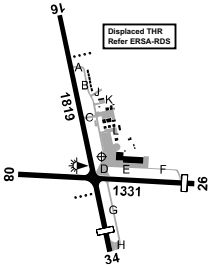
1. Local dust during high winds.
2. Increased animal hazard. Numerous kangaroos observed airside.

CHARTS RELATED TO THE AERODROME

WAC 3346.

SHELLHARBOUR AIRPORT — ELEV 31

AVFAX CODE 2121



NSW UTC +10 YSHL

343340S 1504719E VAR 13 DEG E CERT

AD OPR Shellharbour City Council, Locked Bag 155, Shellharbour City Centre, NSW, 2529. Email: airport@shellharbour.nsw.gov.au. ARO 0421 044 153. Website: www.shellharbourairport.com.au.

REMARKS

1. AD Charges: All ACFT.
2. This AD is a security controlled airport.
3. HI VIS and a current ASIC must be worn/displayed airside.
4. All CHTR ACFT are to CTC ARO prior to arrival.
5. Prior approval FM AD OPR can be obtained for access to the terminal building. After hours call out and other fees may apply.

HANDLING SERVICES AND FACILITIES

Aero Refuellers: AVGAS and JET A1 24HR self-service bowser. Accepts Aero Refuellers card, V and MC. AVGAS and JET A1 by tanker H24 - 1HR PN. AH call-out fees may apply. PH 0438 897 616.

PASSENGER FACILITIES

HC/LG/RF/WC/TX.

AERODROME OBSTACLES

1. TWR 197FT AMSL BRG 330 DEG MAG 2,777M FM ARP.
2. LGT 249FT AMSL BRG 082 DEG MAG 2.3NM FM ARP.
3. Trees:
   a. 46FT AMSL BRG 089 DEG MAG 875M FM ARP. Infringes RWY 08 APCH.
   b. 68FT AMSL BRG 093 DEG MAG 1,015M FM ARP. Infringes RWY 08 APCH.
   c. 56FT AMSL BRG 091 DEG MAG 935M FM ARP. Infringes RWY 08 APCH.
   d. 69FT AMSL BRG 101 DEG MAG 754M FM ARP. Infringes RWY 08 transitional SFC by 7FT.
   e. 62FT AMSL BRG 087 DEG MAG 976M FM ARP. Infringes RWY 08 transitional SFC by 2FT.
   f. 74FT AMSL BRG 100 DEG MAG 805M FM ARP. Infringes RWY 08 transitional SFC by 7FT.
   g. 61FT AMSL BRG 247 DEG MAG 851M FM ARP. Infringes RWY 26 APCH.
   h. 117FT AMSL BRG 158 DEG MAG 1,306M FM ARP. Infringes RWY 34 APCH.
   i. 73FT AMSL BRG 172 DEG MAG 741M FM ARP. Infringes RWY 16 transitional SFC by 5FT.
   j. 68FT AMSL BRG 153 DEG MAG 806M FM ARP. Infringes RWY 34 APCH.
   k. 106FT AMSL BRG 155 DEG MAG 1,217M FM ARP. Infringes RWY 34 APCH.
   l. 73FT AMSL BRG 169 DEG MAG 904M FM ARP. Infringes RWY 16 transitional SFC by 10FT.
   m. 91FT AMSL BRG 336 DEG MAG 1,665M FM ARP. Infringes RWY 16 APCH.
   n. 64FT AMSL BRG 332 DEG MAG 1,518M FM ARP. Infringes RWY 16 APCH.
   o. 49FT AMSL BRG 326 DEG MAG 1,147M FM ARP. Infringes RWY 16 APCH.
   p. 48FT AMSL BRG 326 DEG MAG 1,095M FM ARP. Infringes RWY 16 transitional SFC by 15FT.
   q. 59FT AMSL BRG 329 DEG MAG 1,438M FM ARP. Infringes RWY 16 APCH.
   r. 87FT AMSL BRG 326 DEG MAG 1,645M FM ARP. Infringes RWY 16 APCH.

Information may be continued on the next page: PTO

s. 60FT AMSL BRG 336 DEG MAG 1,103M FM ARP. Infringes RWY 16 transitional SFC by 14FT.
t. 62FT AMSL BRG 332 DEG DEG MAG 1,495M FM ARP. Infringes RWY 16 APCH.
u. 70FT AMSL BRG 331 DEG MAG 1,548M FM ARP. Infringes RWY 16 APCH.
v. 80FT AMSL BRG 336 DEG MAG 1,575M FM ARP. Infringes RWY 16 APCH.
w. 50FT AMSL BRG 231 DEG MAG 554M FM ARP. Infringes RWY 08 transitional SFC by 17FT.
x. 53FT AMSL BRG 337 DEG MAG 910M FM ARP. Infringes RWY 16 transitional SFC by 10FT.
y. 46FT AMSL BRG 325 DEG MAG 915M FM ARP. Infringes RWY 16 transitional SFC by 31FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 02 9353 6461 - Report faults to BoM.
3. AWIS FREQ 120.35 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

08/26	081	44a	PCR 190/F/D/1.21 MPa/U	WID 30	RWS 90
16/34	156	60a	PCR 400/F/C/1.41 MPa/U	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 08/26	LIRL	AFRU+PAL 127.3		SDBY PWR AVBL
RWY 16/34	LIRL	AFRU+PAL 127.3		SDBY PWR AVBL
RWY 16	PAPI	AFRU+PAL 127.3	3.7 DEG69FT	SDBY PWR AVBL
RWY 34	PAPI(1)	AFRU+PAL 127.3	3.4 DEG53FT	SDBY PWR AVBL

(1) Offset 5DEG W.

1. RWY edge light spacing:
   a. 16/34 - 58M.
   b. 08/26 - 60M.
2. Due to terrain shielding, lights may not be activated if keyed at LSALT beyond 10NM West of the coast.

OTHER LIGHTING

1. TWY LGT: Blue edge on D, G and H.
2. SDBY PWR switchover time: 28 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	SYDNEY CENTRE	124.55 Circuit Area

RADIO NAVIGATION AND LANDING AIDS

NDB	WOL	239	343328.6S	1504727.6E	Range 50 (HN 50)	(1)

(1) Range 40 to SW.

LOCAL TRAFFIC REGULATIONS

1. RWY 08
   a. Simulated engine failure EFATO not permitted.
   b. Use RWY full length for TKOF, emergency OPS exempt.
2. RWY grass strips not MNTN for ACFT OPS.
3. TWY A and B not AVBL to ACFT ABV 5,700KG MTOW.
4. TWY G not AVBL to ACFT ABV 30,000KG MTOW.
5. APN Bays 1 to 3 priority to RPT, CHTR and air ambulance. All other ACFT RQ prior approval FM AD OPR.
6. All ACFT taxiing behind large ACFT advised to exercise caution due to prop wash. CTAF communication to determine if ACFT is at idle power.
7. RWY 08 landing not AVBL HN due to high terrain. Not applicable to NVIS operations.

FLIGHT PROCEDURES

1. Right hand CCTS RWY 26 and 34.
2. Helicopter circuit OPS to be conducted in accordance with fixed wing circuit OPS.
3. Due to the possibility of conflicts in the circuit area, mandatory CTAF BCST RQ before joining the circuit or OPR on a RWY.
4. NGT OPS for air transport ACFT ABV 5,700KG MTOW must be flown from a RWY aligned RNP APCH. Not applicable to NVIS operations.

CTAF - AFRU 127.3

NOISE ABATEMENT PROCEDURES

1. RWY 34
   a. Avoid flight over houses on base.
   b. Position crosswind to avoid overflying houses.
2. RWY 16
   a. Turn onto crosswind below 700 to be avoided.
   b. Position base to avoid overflying houses.
3. Circuit training to be avoided before 0800 Local.
4. Avoid TKOF RWY 08 and LDG RWY 26 unless operationally necessary.
5. NGT OPS RWY 16 - avoid TKOF unless operationally necessary.
6. NGT circuit training not permitted after 2200 Local.
7. No run-ups on TWY B N of TWY K.

ADDITIONAL INFORMATION

1. Ultralight ACFT training.
2. PJE OPS:
   a. 500M N of Wollongong Light House, APRX BRG 035 DEG, 10NM FM YSHL ARP, WI 2NM RAD, SFC-FL140.
   b. 1,000M N of Wollongong Light House, APRX BRG 035 DEG, 10NM FM YSHL ARP, exit height up to FL140.
   c. Shellharbour South Beach, APRX BRG 096 DEG, 4.6NM from YSHL ARP, SFC-FL140.
3. Caution: high terrain exists in the circling area. Circling INSTR APCH at NGT not recommended.
4. Bird hazard exists. Species specific NOTAM will be issued during periods of increased activity.
5. Intermittent plume rise SFC to 1,700FT AMSL BRG 010 DEG MAG 2.6NM from ARP. Beacon light indicates operational.
6. Fly Neighbourly Policy can be found at: www.shellharbourairport.com.au/operational-information/fly-neighbourly-practices/

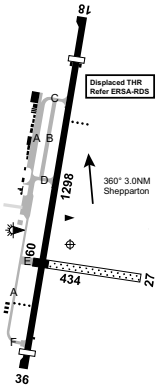
CHARTS RELATED TO THE AERODROME

1. WAC 3456.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

SHEPPARTON ELEV 375

AVFAX CODE 3055



VIC UTC +10 YSHT
362544S 1452333E VAR 12 DEG E CERT
AD OPR Greater Shepparton City Council, Locked Bag 1000, Shepparton, VIC, 3632. ARO BH 03 5832 9700. ARO H24 0409 807 065.

REMARKS

1. AD AVBL to ACFT ABV 5,700KG MTOW by arrangement.
2. Landing fees apply.

HANDLING SERVICES AND FACILITIES

Gawne Aviation: 2200-0700 UTC DLY, AH PN during BH, PH 03 5823 1481. H24 World Fuel Services AVGAS and JET A1 bowser WFS carnet card and credit card (via smartphone APP) PH 0428 946 172.

PASSENGER FACILITIES

PT/TX/HC/AC/LG/RF/WC.

AERODROME OBSTACLES

1. Lit TWR:
   a. 629FT AMSL (255FT AGL) 2.91NM N of ARP (PSN 362249.69S 1452400.91E).
   b. 507FT AMSL (137.1FT AGL) 1,195M NW of ARP (PSN 362512.23S 1452305.44E).
2. Mast
   a. Lit 665FT AMSL (285FT AGL) 6.37NM N of ARP (PSN 362053.24S 1452216.69E).
   b. Unlit 834FT AMSL (434FT AGL) 7.66NM NE of ARP (PSN 362243.84S 1453214.57E).
3. Tree
   a. 75FT AGL BRG 170 MAG 980M FM TKOF RWY 36. Infringes TNS by 7FT.
   b. 70FT AGL BRG 350 MAG 1,000M FM ARP. Infringes TNS by 4FT.
   c. 418FT AMSL PSN 362513.2S 1452331.9E. Infringes TNS by 3FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS Phone 03 8470 3219 - Report faults to BoM.
3. AWIS FREQ 212 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

09/27	088	14c	5700 kg/0.35 MPa Brown gravel	WID 30	RWS 90
18/36	179	43a	5700 kg/0.45 MPa Sealed Surface	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 18/36	LIRL	AFRU+PAL 123.9		
RWY 18/36	PTBL(1)			BY PRIOR ARRANGEMENT
RWY 18	PAPI	AFRU+PAL 123.9	3.0 DEG38FT	
RWY 36	PAPI	AFRU+PAL 123.9	3.3 DEG44FT	

(1) EMERG use only - 45 MIN PN required
RWY edge light spacing: 18/36: 90M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.4 Circuit Area
UNICOM	SHEPPARTON UNICOM	118.8 (1)

(1) 2200-0700 UTC DLY.

RADIO NAVIGATION AND LANDING AIDS

NDB	SHT	212	362542.1S	1452345.7E	Range 30 (HN 30)	(1)

(1) Privately operated.

LOCAL TRAFFIC REGULATIONS
1. 15M wingspan limitation applies to TWY A, B, E and F and Taxilane A.
2. Pilots are to exercise caution while taxiing near parked ACFT.
3. RWY end sealed area north of RWY 36 for ACFT turning only HJ.

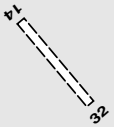
CTAF - AFRU 118.8

NOISE ABATEMENT PROCEDURES
1. Circuit training not permitted BTN 1300-2000 UTC DLY.
2. Practice instrument approaches not permitted below 1,400FT AMSL BTN 1000-2000 UTC DLY.
3. ACFT conducting practice instrument approaches in VMC using RWY 18 must break off the approach and join a normal circuit at 1,400FT AMSL.

CHARTS RELATED TO THE AERODROME
1. WAC 3469, 3470.
2. Also refer to AIP Departure and Approach Procedures.

SHUTE HARBOUR/WHITSUNDAY ELEV 40

AVFAX CODE 4406 **FULL NOTAM SERVICE NOT AVBL**



QLD UTC +10 YSHR
201642S 1484520E VAR 8 DEG E UNCR
AD OPR Whitsunday Airport, PO Box 166, Airlie Beach, QLD, 4802.
PH 07 4946 9180. Website: www.whitsundayairport.com.au.

REMARKS
1. PPR CTC AD OPR.
2. Phone ahead for LDG/PRKG details.
3. AD charges: For current fees, charges and pilot guide information refer to website.
4. Daylight OPS only.
5. Fixed and rotary wing OPS.

HANDLING SERVICES AND FACILITIES
AVGAS, JET A1. Credit cards only for fuel payment.

PASSENGER FACILITIES
AC/RF/TX/Parking

PHYSICAL CHARACTERISTICS
RWY 14/32 1,400M. Asphalt with dual taxiways.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 135.5

LOCAL TRAFFIC REGULATIONS
1. RWY 14 preferred where possible.
2. DEP using RWY 14, maintain RWY heading until crossing main Shute Harbour road.
3. Carriage and use of radio is required by the AD OPR.

FLIGHT PROCEDURES
Right hand CCTS RWY 14/32.

CTAF - AFRU 127.85
For Hamilton Island, CTAF ACT outside TWR HR.

NOISE ABATEMENT PROCEDURES
1. Avoid overflying houses in Shute Harbour and ADJ to RWY 14/32 THR.
2. All engine run-ups to be conducted at designated run-up area.

ADDITIONAL INFORMATION
PJE OPS take place overhead RWY. Pilot of jump ACFT will broadcast intentions on the CTAF.

CHARTS RELATED TO THE AERODROME
WAC 3234, 3235.

Information may be continued on the next page: PTO

SINGLETON

ELEV 150

FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YSGT
323700S 1511200E VAR 12 DEG E UNCR
AD OPR Singleton Air Services Pty Ltd, PMB 5, Singleton, NSW, 2330.
Email: yanda@hunterlink.net.au. PH 02 6572 3100. PH AH 6572 1688. Fax 6572 2757.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 125.7 On Ground

CTAF 126.7

CHARTS RELATED TO THE AERODROME

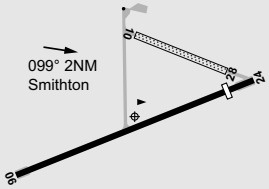
WAC 3456.

SMITHTON

ELEV 31

AVFAX CODE 7008

FULL NOTAM SERVICE NOT AVBL



TAS UTC +10 YSMI
405006S 1450501E VAR 13 DEG E UNCR
AD OPR General Manager, Roads & Public Transport, DIER, GPO Box 936, Hobart, TAS, 7001. PH Smithton 03 6452 1153: Hobart 6233 3613. Fax Smithton 03 6452 1153: Hobart 6233 2785.

REMARKS

AD Charges: All ACFT refer to AD OPR for details.

PASSENGER FACILITIES

PT (local and toll free only)/LG/WC/TX.

SURFACE MOVEMENT GUIDANCE

RWY 06/24 fixed DIST and TDZ markers not provided.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 03 6283 8605 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

06/24	52a	Unrated.	WID 18	RWS 90
10/28	20c	Unrated. Gravel	WID 30	RWS 90

RWY DTHR 174M.

AERODROME AND APPROACH LIGHTING

RWY 06/24 PTBL - EMERG only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 122.6 2500FT

FLIGHT PROCEDURES

Right hand CCTS RQ when OPR on RWY 24 and 28.

CTAF 119.1

ADDITIONAL INFORMATION

Bird hazard exists.

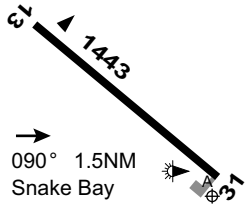
CHARTS RELATED TO THE AERODROME

WAC 3556.

SNAKE BAY

ELEV 173

AVFAX CODE 8012



NT UTC +9:30 YSNK
112522S 1303913E VAR 2 DEG E CERT
AD OPR Tiwi Islands Regional Council, CMB 22, Milikapiti, Melville Island Via Winnelie Mail Centre, NT, 0822.
Email: infrastructure@tiwiislands.nt.gov.au.
PH Austin Wonaeamirri 0488 345 162.
PH Romel Siplon 0415 622 273. ARO 0427 005 571.

REMARKS

1. Night OPS not AVBL EXC for EMERG OPS.
2. LDG fees apply per tonne and part thereof:
   a. Fixed wing ACFT 8,999KG MTOW: $40.00/tonne.
   b. Rotary wing ACFT 2,499KG MTOW: $40.00/tonne.
   c. 2,500KG MTOW and over: $50.00/tonne.
   Note: No charge for Australian Army, Department of Defence, NT Police, balloons and gliders.

PASSENGER FACILITIES

Telstra mobile coverage AVBL.

AERODROME OBSTACLES

1. Line of trees BTN BRG 323 DEG MAG 680M FM ARP infringes transitional SFC by 35FT and BRG 339 DEG MAG 323M FM ARP infringes transitional SFC by 22FT.
2. Tree:
   a. 189FT AMSL BRG 108 DEG MAG 193M FM ARP, infringes RWY 31 APCH by 4FT.
   b. 198FT AMSL BRG 117 DEG MAG 245M FM ARP, infringes RWY 31 APCH by 6FT.
   c. 191FT AMSL BRG 119 DEG MAG 213M FM ARP, infringes RWY 31 APCH by 2FT.

PHYSICAL CHARACTERISTICS

13/31 128 47a PCR 50/F/A/Y/U Sealed. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 13/31 LIRL(1) PAL 126.5
(1) EMERG only.
PTBL LGT (flares) not AVBL.

OTHER LIGHTING

1. Illuminated WDI UNREL.
2. TWY LGT: Blue edge on A.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.15 Circuit Area

CTAF 126.5

ADDITIONAL INFORMATION

AD on Aboriginal Reserve. Only public area is AD proper. PPR to enter township or Aboriginal Reserve.

CHARTS RELATED TO THE AERODROME

1. WAC 3099.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

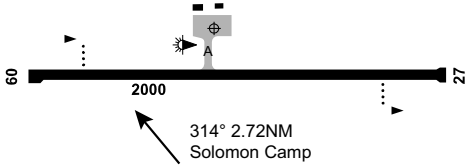
SOLOMON

ELEV 2008

AVFAX CODE 6816

WA		UTC +8	YSOL
221517S	1175058E	VAR 1 DEG E	CERT

AD OPR Fortescue Metals Group Ltd, PO Box 6915, East Perth, WA, 6892.
Email: solomonairport@fortescue.com. ARO MOB H24 0498 498 076.



REMARKS

PPR 24HR notice RQ FM AD Supervisor or ARO for all unscheduled ACFT OPS.

HANDLING SERVICES AND FACILITIES

ACFT marshalling is provided for all ACFT.
AIR BP - JET A1 CTC AD Supervisor/ARO.

APRONS AND TAXIWAYS

APN and TWY suitable for Code 4C ACFT.

AERODROME OBSTACLES

1. Extensive terrain penetrations to the inner HZS and COS to 2,920FT in the north western and north eastern quadrants of the AD BTN BRG 284 DEG through 058 DEG MAG 1,500M to 6,900M from the ARP.
2. Terrain lit by flashing MIOL:
   a. 3,094FT AMSL BRG 284 DEG MAG 3.8NM FM ARP.
   b. 2,346FT AMSL BRG 287 DEG MAG 2.9NM FM ARP.
   c. 2,563FT AMSL BRG 290 DEG MAG 2.0NM FM ARP.
   d. 2,625FT AMSL BRG 313 DEG MAG 1.2NM FM ARP.
   e. 2,661FT AMSL BRG 350 DEG MAG 0.8NM FM ARP.
   f. 2,950FT AMSL BRG 052 DEG MAG 1.7NM FM ARP.
3. Lit TWR 2,398FT AMSL BRG 057 DEG MAG 2.96NM FM ARP.
4. Marked power transmission poles:
   a. 2,201FT AMSL BRG 067 DEG MAG 2.5NM FM ARP.
   b. 2,220FT AMSL BRG 068 DEG MAG 2.2NM FM ARP.
   c. 2,221FT AMSL BRG 070 DEG MAG 1.9NM FM ARP.
   d. 2,230FT AMSL BRG 069 DEG MAG 1.7NM FM ARP.
   e. 2,196FT AMSL BRG 067 DEG MAG 1.4NM FM ARP.
   f. 2,209FT AMSL BRG 063 DEG MAG 1.2NM FM ARP.
   g. 2,194FT AMSL BRG 055 DEG MAG 0.9NM FM ARP.
   h. 2,203FT AMSL BRG 041 DEG MAG 0.7NM FM ARP.
   i. 2,200FT AMSL BRG 017 DEG MAG 0.5NM FM ARP.
   j. 2,202FT AMSL BRG 344 DEG MAG 0.5NM FM ARP.
   k. 2,169FT AMSL BRG 319 DEG MAG 0.6NM FM ARP.
   l. 2,189FT AMSL BRG 304 DEG MAG 0.8NM FM ARP.
   m. 2,178FT AMSL BRG 295 DEG MAG 1.1NM FM ARP.
   n. 2,192FT AMSL BRG 290 DEG MAG 1.3NM FM ARP.
   o. 2,181FT AMSL BRG 286 DEG MAG 1.6NM FM ARP.
   p. 2,183FT AMSL BRG 283 DEG MAG 1.9NM FM ARP.
   q. 2,172FT AMSL BRG 281 DEG MAG 2.2NM FM ARP.
   r. 2,169FT AMSL BRG 279 DEG MAG 2.5NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS FREQ 128.65 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

09/27 089 66a PCR 450/F/B/1.44 MPa/T Grooved. Turn pad for TKOF FM RWY 27 end is centrally located and 45M wide. WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 09/27	LIRL	PAL+AA 120.25		SDBY PWR AVBL
RWY 09/27	PAPI(1)	PAL+AA 120.25	3.0 DEG49FT	SDBY PWR AVBL
RWY 09/27	PTBL(2)			BY PRIOR ARRANGEMENT

(1) Left side only.
(2) 90 MIN PN.
1. RWY edge LGT spacing: 59M.
2. Lateral spacing of RWY and PAPI LGT suits 30M RWY WID.
3. Main and SDBY PWR supplied by generators,
4. All lighting manually activated by ARO 30 MIN prior to scheduled arrival and deactivated 15 MIN after departure.

OTHER LIGHTING

1. TWY LGT: Blue edge.
2. SDBY PWR switchover time: 20 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.7 Circuit Area
BASE	SOLOMON BASE	132.425 (2)
UNICOM	SOLOMON UNICOM	126.7 (1)

(1) AVBL for scheduled movements.
(2) All OPS: Advise AD OPR at least 20 MIN prior to ETA.

LOCAL TRAFFIC REGULATIONS

1. ACFT ABV 5,700KG MTOW to use RWY ends for 180DEG turns.
2. Itinerant PRKG CTC AD Supervisor/ARO. Itinerant PRKG to E end of APN.
3. ACFT ABV 5,700KG to follow turn pad markings and avoid pivot turns.

FLIGHT PROCEDURES

1. Due terrain no circling to the NORTH.
2. Left hand CCTS RWY 27.
3. Right hand CCTS RWY 09.

CTAF - AFRU 126.7

CTAF-AFRU (YBGD) not AVBL on ground, FREQ confirmation by YSOL UNICOM on receipt of TAX DEP call (YSOL UNICOM confirm 126.7).

ADDITIONAL INFORMATION

1. Cautions:
   a. Steep sided open drains ADJ to TWY and APN edges.
   b. Blasting occurs BTN 2NM and 11NM to the north of the ARP BTN 300 DEG MAG and 60 DEG MAG.
   c. Dust plumes may occur following blasting.

CHARTS RELATED TO THE AERODROME

1. WAC 3229.
2. Also refer AIP Departure and Approach Procedures.

SOMERSBY

ELEV 830
FULL NOTAM SERVICE NOT AVBL

NSW		UTC +10	YSMB
332204S	1511759E	VAR 13 DEG E	UNCR

AD OPR Somersby Airfield Pty Ltd, 89 Lackersteens Rd, Somersby, NSW, 2250.
Email: ysmb.air@gmail.com. PH 0433 574 344. Website: www.ysmb.com.au.

REMARKS

1. PPR. AVBL via website.
2. HJ OPS unless by prior arrangement.

HANDLING SERVICES AND FACILITIES

AVGAS PN required PH AD OPR. MOGAS on request (V, MC. PayPal).

Information may be continued on the next page: PTO

PASSENGER FACILITIES
RF/WC/TX/HC/ME. Advise if ground transport required.

PHYSICAL CHARACTERISTICS
17/35 23c Unrated. Natural. Short grass. WID 15 RWS 50
RWY LEN 700M. Slope 2% down to N.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA SYDNEY CENTRE 124.55

LOCAL TRAFFIC REGULATIONS
Visitor parking eastern side mid-field. Hangar parking AVBL on request. Bookings via website.

CTAF 132.1

CHARTS RELATED TO THE AERODROME
WAC 3456.

SOUTH GALWAY

ELEV 380

FULL NOTAM SERVICE NOT AVBL

80 26

QLD UTC +10 YSGW
254029S 1420524E VAR 7 DEG E UNCR
AD OPR South Galway Station, via Windorah, QLD, 4481.
PH 07 4656 4985. Fax 07 4656 4940.

REMARKS
AD OPR can also be contacted on UHF Radio Channel 4.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 118.8 7500FT

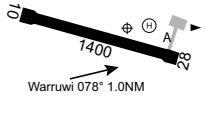
CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3342.

SOUTH GOULBURN ISLAND

ELEV 63

AVFAX CODE 8014



NT UTC +9:30 YGBI
113902S 1332255E VAR 2 DEG E CERT
AD OPR Warruwi Community Inc, South Goulburn Island, via Winnellie, NT, 0822. Email: contracts@westarnhem.nt.gov.au. PH 08 8970 3600 BH.
ARO EMERG Satellite PH 0147 151 623 H24. Mobile 0408 766 015.

PASSENGER FACILITIES
Telephone facilities not AVBL.

METEOROLOGICAL INFORMATION PROVIDED
METAR/SPECI.

PHYSICAL CHARACTERISTICS
10/28 097 46a Unrated. WID 18 RWS 90

AERODROME AND APPROACH LIGHTING
RWY 10/28 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG only. Solar powered, automatically activates.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 123.4 4500FT

CTAF 126.7

ADDITIONAL INFORMATION
Bird and animal hazard exists. Corellas, dogs, wallabies and horses. Seasonal increase in wildlife activity.

CHARTS RELATED TO THE AERODROME
WAC 3098.

SOUTH GRAFTON

ELEV 20

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YSGR
294232S 1525542E VAR 12 DEG E UNCR
AD OPR South Grafton Aerodrome Aircraft Hangar Owners Inc, PO Box 184, South Grafton, NSW, 2460. PH 0410 075 631.

REMARKS

1. Helicopter operations PPR from ARO.
2. PJE OPS not permitted.
3. AD Charges: $10 single engine, $25 twin engine and UL $5 landing fee. Collection box at aero club clubhouse.

HANDLING SERVICES AND FACILITIES

AVGAS not AVBL.

PASSENGER FACILITIES

WC/TX 131 008.

AERODROME OBSTACLES

Tall trees eastern end - DTHR.

PHYSICAL CHARACTERISTICS

08/26 39a/c Unrated. RWY LEN 1,200M. Bitumen sealed first 1,000M FM THR RWY 08, remainder grass. RWY 26 DTHR 200M. Turn pad RWY 08, 20M WID. WID 8 RWS 38

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.6 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. Preferred RWY 26 for DEP.
2. Gyrocopters do close circuits.
3. Carriage and use of radio is required by the AD Operator.

CTAF 126.7

ADDITIONAL INFORMATION

1. Gliding OPS HJ (TUE and SAT) via winch launch on grassed area southern side of paved runway, operating either RWY 08 or 26. Launch possible from SFC to 2,500FT. Joining circuit at mid field crosswind not recommended during gliding OPS. Further details on gliding OPS CTC Bob King (Gliding Club) 0403 088 551.
2. Gliders and launch crew monitor and use CTAF frequency.
3. Animal hazards exist - kangaroos, flying foxes, birds and feral animals.
4. Ponding hazard after rain.
5. Model ACFT OPR HJ WI 0.5NM RAD of RWY 08 at South Grafton AD (YSGR), SFC to 1,000FT AGL. OPR will MNT CTAF.
6. Caution: Mowing machinery may be operating on airfield.

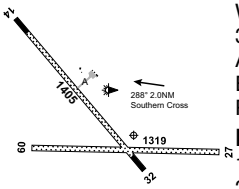
CHARTS RELATED TO THE AERODROME

WAC 3357.

Information may be continued on the next page: PTO

SOUTHERN CROSS ELEV 1163

AVFAX CODE 6104



WA UTC +8 YSCR
311425S 1192135E VAR 0 DEG W CERT
AD OPR Shire of Yilgarn, PO Box 86, Southern Cross, WA, 6426.
Email: yilgarn@yilgarn.wa.gov.au. PH 08 9049 1001.
PH AD MGR 0429 593 586 H24.

REMARKS

1. AD Charges: ALL ACFT.
2. AD 2NM E of Southern Cross Township.
3. PN is required from AD MGR for all OPS EXC MEDEVAC flights.

HANDLING SERVICES AND FACILITIES

Nil fuel AVBL.

AERODROME OBSTACLES

1. Unlit, unmarked mobile radio mast, height 148FT AGL ELEV 1,674FT AMSL PSN 311950.44S 1191648.00E.
2. Towers:
   a. 1,338FT AMSL APRX BRG 283 MAG 1.89NM FM ARP. Penetrates inner horizontal SFC. Lit
   b. 1,326FT AMSL APRX BRG 282 MAG 1.88NM FM ARP. Penetrates inner horizontal SFC. Unlit.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 08 6216 2637 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

09/27	090	43c	PCR 90/F/A/0.81 MPa/U	WID 30	RWS 90
14/32	138	46c	PCR 90/F/A/0.81 MPa/U Sealed 150M from both ends	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 14/32 LIRL(1) AFRU+PAL 126.7
(1) EMERG use only.
RWY LGT laterally spaced 21M and 88M along length.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 123.4 Circuit Area

LOCAL TRAFFIC REGULATIONS

Graded portion of RWY 14/32 and 09/27 strip not AVBL for TKOF and LDG of gliding OPS without prior authorisation from AD OPR.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

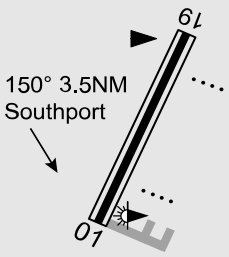
Blasting activity HJ, demolition of explosives at Cornishman minesite, pit blasting activity APRX BRG 180 MAG 2.2NM FM AD.

CHARTS RELATED TO THE AERODROME

1. WAC 3351, 3462.
2. Also refer to AIP Departure and Approach Procedures.

SOUTHPORT ELEV 5

AVFAX CODE 4016 **FULL NOTAM SERVICE NOT AVBL**



QLD UTC +10 YSPT
275518S 1532217E VAR 11 DEG E UNCR
AD OPR Southport Flying Club, PO Box 184, Runaway Bay, QLD, 4216.
Email: info@southportflyingclub.com.au. PH 07 5594 7394.
ARO 0412 412 632: 0407 858 361.
Website: www.southportflyingclub.com.au.

REMARKS

1. Restricted OPS: PPR FM AD OPR.
2. No public or commercial OPS permitted.

HANDLING SERVICES AND FACILITIES

AVGAS, JET A1, ULP, oil AVBL, CTC ARO. Maintenance facility AVBL Jetpoint TEL: 07 5571 5847.

AERODROME OBSTACLES

Transition surfaces infringed by trees.

METEOROLOGICAL INFORMATION PROVIDED

AAIS wind advisory 119.0, 5 quick pulses to activate.

PHYSICAL CHARACTERISTICS

01/19 29a Unrated. Natural. Central 15M sealed. RWY LEN 880M. RWS 60

AERODROME AND APPROACH LIGHTING

RWY 01/19	LIRL	AFRU+PAL 119.0	
RWY 01	PAPI(1)		5.0 DEG50FT
RWY 19	PAPI(2)		5.0 DEG50FT

(1) Right side.
(2) Left side.

OTHER LIGHTING

ABN FLG 5 W
TWY light: Green CL, Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 119.5 On Ground

FLIGHT PROCEDURES

1. Right hand CCTS RWY 19.
2. Straight in approaches not permitted.
3. COASTAL TRANSIT IN CLASS G AIRSPACE
   Due high density TFC low level coastal ACFT should fly:
   Southbound - 1,000FT AMSL
   Northbound - 500FT AMSL
   CAUTION: Concentrated TFC BTN Southport and Gold Coast at 500FT - see also GOLD COAST CTAF procedures.

CTAF - AFRU 119.0

NOISE ABATEMENT PROCEDURES

1. The preferred RWY direction is RWY 01 with a left turn to be carried out before Hansford Rd. Departures to the East and South East from overhead at 1,500FT AMSL.
2. Power reduction to reduce noise should be made as soon as possible after takeoff and when safe to do so.
3. RWY 19 departures requires maintaining RWY heading, at best climb until achieving at least 500FT altitude before making turns either West or East.
4. Avoid flights directly over AB Patterson School during school hours and Arundel Park Riding for Disabled.
5. Night CCTS not permitted.
6. Night curfew 2200 Local, until 1HR before first light.

Information may be continued on the next page: PTO

ADDITIONAL INFORMATION
Bird and animal hazard exists.

CHARTS RELATED TO THE AERODROME
WAC 3340, 3357.

SPRING CREEK

ELEV 1700

FULL NOTAM SERVICE NOT AVBL

QLD		UTC +10	YSPK
183718S	1443406E	VAR 7 DEG E	UNCR

AD OPR PG and NC Fox, PMB 27, Mount Garnet, QLD, 4872. Email: cb.spk@bigpond.com. PH 07 4097 1415. Fax 4097 1432.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	119.8 3000FT

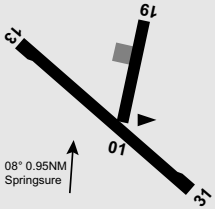
CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3219.

SPRINGSURE

ELEV 1223

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YSPI
240749S	1480512E	VAR 9 DEG E	UNCR

AD OPR Central Highlands Regional Council, PO Box 21, Emerald, QLD, 4720. Email: airport@chrc.qld.gov.au. PH 1300 242 686. Mobile 0408 194 913 (H24). Fax 1300 242 687. Website: www.chrc.qld.gov.au.

REMARKS
1. PPR FM AD OPR - Day use only.
2. Commercial and charter OPS not permitted over 2,000KG MTOW.
3. White cone markers, no lighting, no NAV AIDS.

PASSENGER FACILITIES
Small terminal AVBL with seating and WC.

AERODROME OBSTACLES
OBST (tree, power poles, fences WI etc) are in the immediate vicinity of the AD and infringe the OLS.

PHYSICAL CHARACTERISTICS

01/19	20a	2000 kg Unrated. Sealed. RWY LEN 604M.	WID 15	RWS 45
13/31	40a	2000 kg Unrated. Sealed. RWY LEN 1,208M.	WID 15	RWS 45

1. Common RWY/RWS length.
2. Tyre pressure is in accordance with AIP ‘unrated pavements’.
3. Helipad, concrete.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.3

LOCAL TRAFFIC REGULATIONS
All ACFT must roll through and make MAX RAD MNM speed turns at turn pads only.

CTAF 126.7

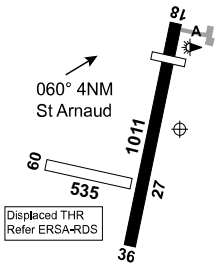
ADDITIONAL INFORMATION
Assume bird activity, wildlife and stock hazard exists.

CHARTS RELATED TO THE AERODROME
WAC 3340, 3341.

ST ARNAUD

ELEV 640

AVFAX CODE 3038



VIC UTC +10 YSTA
363812S 1431109E VAR 11 DEG E CERT
AD OPR Northern Grampian Shire Council, PO Box 580, Stawell, VIC, 3380. ARO 03 5358 8700 (H24).

PHYSICAL CHARACTERISTICS

09/27	087	18c	5700 kg/0.45 MPa Gravel. Loose stones.	WID 18	RWS 80
18/36	177	33c	5700 kg/0.45 MPa Sealed	WID 18	RWS 80

AERODROME AND APPROACH LIGHTING

RWY 18/36 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG use only can be activated on PAL 120.55.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	126.8 to E
FIA	MELBOURNE CENTRE	125.8 to W - On Ground (125.8)

CTAF 119.1

CHARTS RELATED TO THE AERODROME

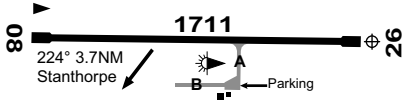
WAC 3469.

STANTHORPE

ELEV 2934

AVFAX CODE 2088

QLD UTC +10 YSPE
283713S 1515926E VAR 11 DEG E CERT
AD OPR Southern Downs Regional Council, PO Box 26, Warwick, QLD, 4380.
Email: mail@sdrc.qld.gov.au. Council PH 1300 697 372.



REMARKS

AD charges apply. See Council *Fees and Charges* document at www.sdrc.qld.gov.au.

APRONS AND TAXIWAYS

1. TWY A - Code C, WID 15M, bitumen sealed.
2. TWY B - Code B, WID 15M, bitumen sealed.

AERODROME OBSTACLES

Hill APRX 3,090FT AMSL LOC 2.03NM W FM W RWS 08 end infringes COS by 41FT.

PHYSICAL CHARACTERISTICS

08/26	080	56a	Unrated.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 08/26 LIRL PAL+AA 120.05
RWY edge light spacing: 08/26: 60M.

OTHER LIGHTING

1. TWY LGT: Blue edge.
2. APN LGT AVBL for EMERG use only with PN.

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	121.2 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION

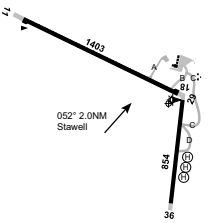
Animal hazard (eastern grey kangaroo) exists WI VCY of AD. Recommend ACFT overfly RWY before landing and conduct a full-length backtrack before departure.

CHARTS RELATED TO THE AERODROME

1. WAC 3357.
2. Also refer to AIP Departures and Approach Procedures.

STAWELL — ELEV 807

AVFAX CODE 3041



VIC		UTC +10	YSWL
370418S	1424425E	VAR 11 DEG E	CERT

AD OPR Northern Grampians Shire Council, Town Hall, Stawell, VIC, 3380. ARO 03 5358 8700 H24.

HANDLING SERVICES AND FACILITIES

Aero Refuellers: JET A1 and AVGAS H24 self-serve bowsers. Accepts Aero Refuellers cards, V and MC. PH 02 6540 1850.

PASSENGER FACILITIES

LG/RF/WC.

AERODROME OBSTACLES

Unlit TWR 1,109FT AMSL PSN 370315.9S 1424719.0E. Infringes COS by 96FT.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 03 8470 3220 - Report faults to AD OPR.
3. AWIS FREQ 122.575 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

11/29	104	46c	PCR 60/F/D/0.65 MPa/T Centre 23 sealed.	WID 30	RWS 90
18/36	175	28a	5700 kg/0.45 MPa Sealed.	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 11/29 LIRL AFRU+PAL 119.1 SDBY PWR AVBL

RWY edge light spacing: 11/29: 58M.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge on A and B.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.8 On Ground

LOCAL TRAFFIC REGULATIONS

1. For all ACFT, casual and short term PRKG use TWY A to the terminal.
2. ACFT below 5,700KG, for longer term PRKG, tie-down area & fuel use TWY B to the APN.

FLIGHT PROCEDURES

1. Right hand CCTS RQ on RWY 18 HJ and RWY 29 HN.
2. Night OPS are prohibited on RWYs 18 and 36.
3. RWY 18 TKOF: At RWY head turn Right to MNTN TR not less than 190DEG MAG.
4. RWY 36 LDG: Base leg must be no further than 2000 FM THR.

CTAF - AFRU 119.1

ADDITIONAL INFORMATION

Kangaroo hazard exists HJ.

CHARTS RELATED TO THE AERODROME

1. WAC 3469.
2. Also refer AIP Departure and Approach Procedures.

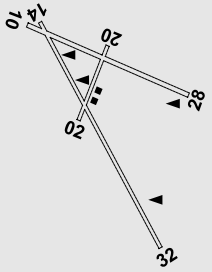
STIRLING NORTH/FLINDERS FIELD

ELEV 110

FULL NOTAM SERVICE NOT AVBL

SA		UTC +9:30	YFFD
323203S	1375129E	VAR 7 DEG E	UNCR

AD OPR Port Augusta Flying Club, 120 Spear Creek Road, Stirling North, SA, 5710.
Email: jhipwell@gmail.com. PH 0412 141 122.



REMARKS

PPR FM AD OPR for all visiting ACFT.

PASSENGER FACILITIES

WC/RF

AERODROME OBSTACLES

1. Unlit Sundrop TWR 210 DEG MAG 1.22NM FM AD, 417FT AGL.
2. Unlit wind turbines to the S and SE. Highest wind turbine 115 DEG MAG 5.6NM FM AD, 1,016FT AMSL.

PHYSICAL CHARACTERISTICS

02/20	21c	Unrated. Clay. RWY LEN 650M
10/28	49c	Unrated. Clay. RWY LEN 1,500M
14/32	66c	Unrated. Clay. RWY LEN 2,000M

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	123.9 On Ground

FLIGHT PROCEDURES

1. OPS on RWY 02/20 to the north only, i.e. take-off FM RWY 02 and land on RWY 20.
2. Right hand CCTS for gliding OPS on RWY 28.
3. Right hand CCTS for powered ACFT RWY 10 and RWY 32.

CTAF 126.9

CHARTS RELATED TO THE AERODROME

WAC 3459.

Information may be continued on the next page: PTO

STIRLING STATION

ELEV 150

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YSTL
171111S 1414242E VAR 6 DEG E UNCR

AD OPR Gulf Coast Agricultural Company Pty Ltd, PMB 8, Cairns MC, QLD, 4870.
Email: contact@gulfcoast.com.au. PH 07 4745 3463. Website: www.gulfcoast.com.au.

REMARKS

1. AD charges: All ACFT.
2. PPR.

AERODROME OBSTACLES

1. Unlit mast 165FT AMSL.
2. Telstra phone TWR near homestead.

PHYSICAL CHARACTERISTICS

RWY 16/34 1,200M. WID 18M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.6

CTAF 126.7

ADDITIONAL INFORMATION

Wallabies on strip around dawn and dusk.

CHARTS RELATED TO THE AERODROME

WAC 3220.

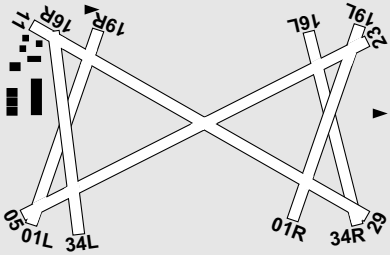
STONEFIELD GLIDING

ELEV 350

FULL NOTAM SERVICE NOT AVBL

SA UTC +9:30 YSFG
342030S 1391830E VAR 8 DEG E UNCR

AD OPR Stonefield Aviation Association, c/-Adelaide University Sports Association, North Tce, Adelaide, SA, 5005. PH 0400 299 571.



REMARKS

1. PPR.
2. AD not AVBL to ACFT ABV 5,700KG.

PASSENGER FACILITIES

WC

AERODROME OBSTACLES

1. Trees THR 01L, 01R, 05, 29 and 34R.
2. Unlit/unmarked powerlines W of AD.

PHYSICAL CHARACTERISTICS

01L/19R	24c	Unrated. Natural SFC. RWY LEN 740M.	WID 40
01R/19L	24c	Unrated. Natural SFC. RWY LEN 740M.	WID 40
05/23	45c	Unrated. Natural SFC. RWY LEN 1,380M.	WID 50
11/29	46c	Unrated. Natural SFC. RWY LEN 1,400M.	WID 50
16L/34R	26c	Unrated. Natural SFC. RWY LEN 780M.	WID 40
16R/34L	24c	Unrated. Natural SFC. RWY LEN 720M.	WID 50

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.3 Circuit area

FLIGHT PROCEDURES

Winch launch wires can extend from SFC to 2,500FT AGL. Avoid overflying AD BLW 3,000FT without positive CTC with STONEFIELD GLIDING BASE 126.7.

CTAF 126.7

ADDITIONAL INFORMATION

1. Gliding OPS HJ. Glider circuit direction at pilot's discretion.
2. Steinfeld airfield 2NM NE of AD. Stonefield West airfield 3NM NW of AD.
3. Wildlife hazard. Visiting ACFT are advised to make a precautionary pass.

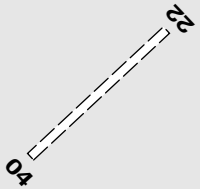
CHARTS RELATED TO THE AERODROME

WAC 3458.

STONEHENGE

ELEV 543

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YSTO

242123S 1431729E VAR 7 DEG E UNCR

AD OPR Barcoo Shire Council, 6 Perkins Street, Jundah, QLD, 4736. PH 07 4658 6900. ARO 0459 892 184.

PASSENGER FACILITIES

Telephone facilities not AVBL.

PHYSICAL CHARACTERISTICS

04/22	41a	Unrated. Bitumen sealed. RWY LEN 1,260M.	WID 18

AERODROME AND APPROACH LIGHTING

RWY 04/22 LIRL(1) PAL+AA 119.65

(1) PAL+AA requires three three-second pulses to activate.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.1 4000FT

CTAF 126.7

CHARTS RELATED TO THE AERODROME

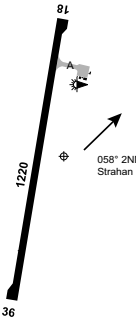
WAC 3342.

Information may be continued on the next page: PTO

STRAHAN

ELEV 66

AVFAX CODE 7009



TAS UTC +10 YSRN
420920S 1451729E VAR 14 DEG E CERT
AD OPR West Coast Council, PO Box 63, Queenstown, TAS, 7467.
Email: sbutler@westcoast.tas.gov.au. ARO 0475 444 247 (H24): 0427 803 711 (H24). Council PH 03 6471 4700. Website: www.westcoast.tas.gov.au.

REMARKS

1. ACFT ABV 5,700KG MTOW - not permitted without prior permission.
2. For all landing fee information visit West Coast Councils website.

PASSENGER FACILITIES

WC (AVBL by request)

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 03 6283 8607 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

18/36 177 40a Unrated. Sealed. WID 18 RWS 90
RWY 18/36 transitional SFC infringed on E side up to 1.2M.

AERODROME AND APPROACH LIGHTING

RWY 18/36 LIRL PAL+AA 122.8
RWY edge light spacing: 18/36: 89M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 123.95 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. All OPS to be restricted to sealed surfaces EXC on APN.
2. Helicopter takeoff and landing to and FM RWY only and taxi to APN REQ.
3. Rotary ACFT must taxi to designated parking at all times.

FLIGHT PROCEDURES

Right hand CCTS RQ when OPR on RWY 18.

CTAF 124.2

ADDITIONAL INFORMATION

1. Wildlife hazards exist.
2. Unsealed areas may be slippery when wet.

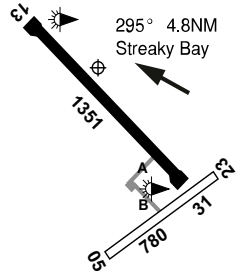
CHARTS RELATED TO THE AERODROME

1. WAC 3556.
2. Also refer to AIP Departure and Approach Procedures.

STREAKY BAY

ELEV 69

AVFAX CODE 5309



SA UTC +9:30 YKBY
325009S 1341734E VAR 6 DEG E CERT
AD OPR District Council of Streaky Bay, PO Box 179, Streaky Bay, SA, 5680. Email: info@streakybay.sa.gov.au. PH 08 8626 1001.
PH AH 0429 600 088.

REMARKS

1. AD Charges: All ACFT.
2. AD AVBL for public use.

PASSENGER FACILITIES

WC

APRONS AND TAXIWAYS

1. TWY A 10.5M sealed.
2. TWY B 15M unrated gravel. MTOW 5,700KG.

AERODROME OBSTACLES

RWY 13/31 transitional SFC N side infringed by fence up to 3.5FT.

PHYSICAL CHARACTERISTICS

05/23	046	26c	Unrated. Gravel	WID 18	RWS 90
13/31	124	44a	Unrated.	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 13/31 LIRL AFRU+PAL 126.7 SDBY PWR AVBL

RWY 13/31 edge light spacing: 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: 30 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 123.5 Circuit Area

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

1. Animal hazard (kangaroo) exists.
2. Caution: ACFT at opposite ends of RWY 13/31 may not be visible to each other.

CHARTS RELATED TO THE AERODROME

1. WAC 3459.
2. Also refer to AIP Departure and Approach Procedures.

SUNNYSIDE

ELEV 705

FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YSNY

354547S 1465433E VAR 12 DEG E UNCR

AD OPR Andrew Kotzur, 60 Commercial St, Walla Walla, NSW, 2659. PH 02 6029 4700.

REMARKS

PPR for all OPS, PH 02 6029 4700.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 119.5

FLIGHT PROCEDURES

Avoid overflying township.

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3457.

SUNRAYSIA GLIDING

ELEV 165

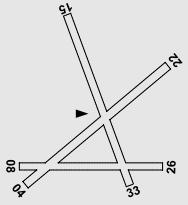
FULL NOTAM SERVICE NOT AVBL

VIC UTC +10 YSRG

341535S 1420330E VAR 9 DEG E UNCR

AD OPR Sunraysia Gliding Club Inc, PO Box 647, Mildura, VIC, 3502.

Email: glidingsunraysia@gmail.com. Mobile 0448 293 927. Website: www.sunraysiaglidingclub.org.



Information may be continued on the next page: PTO

REMARKS
1. PPR.
2. HJ OPS only.

AERODROME OBSTACLES
Trees on approach to RWY 08/26.

PHYSICAL CHARACTERISTICS

04/22	49c	Unrated. Unsealed	WID 30
08/26	43c	Unrated. Unsealed	WID 30
15/33	49c	Unrated. Unsealed	WID 30

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.1

FLIGHT PROCEDURES
1. Right hand CCTS on RWY 04, RWY 08 and RWY 15.
2. Avoid overflying airfield, gliders are winch launched with cable up to 2,000FT AGL.

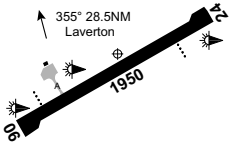
CTAF 118.8

ADDITIONAL INFORMATION
1. AD located 2NM SSW of YMIA.
2. Ultralight ACFT and manned balloons operate from AD.

CHARTS RELATED TO THE AERODROME
WAC 3458.

SUNRISE DAM — ELEV 1346

AVFAX CODE 6109



WA UTC +8 YSRD
290554S 1222719E VAR 1 DEG E CERT
AD OPR Anglogold Ashanti Australia Ltd - GPO Box F377, Perth, WA, 6001. Email: inflightess@anglogoldashanti.com. PH 08 9080 3765 (BH). ARO 0437 413 119 (H24).

REMARKS
Restricted OPS: PPR from AD OPR.

HANDLING SERVICES AND FACILITIES
JET A1 private installation. Contact National Jet Express, PH 08 8154 7444.
Email: rsgroundops@nje.aero.

AERODROME OBSTACLES
Unlit COM TWR 1,590FT AMSL PSN 290452.4S 1222429.8E. Infringes COS by 20FT.

PHYSICAL CHARACTERISTICS

06/24	059	64a	PCR 250/F/B/Y/T	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 06/24	LIRL	PAL+AA 120.25		SDBY PWR AVBL
RWY 06/24	PAPI	PAL+AA 120.25	3.0 DEG49FT	SDBY PWR AVBL
RWY 06/24	PTBL(1)			BY PRIOR ARRANGEMENT

(1) EMERG only. 90MIN PN.
1. RWY edge light spacing: 59M.
2. SDBY PWR is manually activated. 3HR PN for activation.

OTHER LIGHTING
TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	118.4 3,500FT

LOCAL TRAFFIC REGULATIONS
RWY 06/24 - RWY end turning nodes - all turns must be MNM speed MAX RAD.

FLIGHT PROCEDURES
ACFT to avoid flying over mine pit.

CTAF - AFRU 126.8

AFRU signal not AVBL on ground Laverton, Murrin Murrin or Sunrise Dam. AFRU located at Leonora.

ADDITIONAL INFORMATION

1. Bird Hazard in VCY of AD (falcons or hawks).
2. Animal hazard (kangaroos). ARO will conduct additional RWY inspection prior to scheduled ACFT OPS.
3. Seasonal wetlands may be present at western end of RWY, ducks, swans and birds of prey maybe in VCY.

CHARTS RELATED TO THE AERODROME

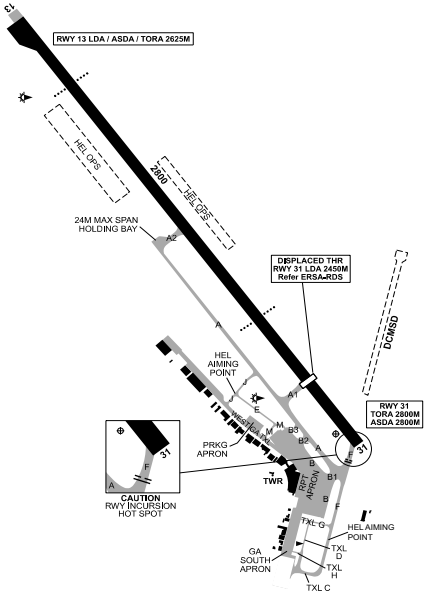
1. WAC 3352.
2. Also refer to AIP Departure and Approach Procedures.

SUNSHINE COAST — ELEV 15

AVFAX CODE 4005

QLD		UTC +10	YBSU
263612S	1530528E	VAR 11 DEG E	CERT

AD OPR Sunshine Coast Airport Pty Ltd, PO Box 9535, Pacific Paradise, QLD, 4564.
PH 1300 993 543. ARO 0419 658 272. PH AH 07 3830 5251.
Website: www.sunshinecoastairport.com.au.



REMARKS

1. AD Charges and Conditions of Use apply to any use of the AD - see website or contact AD OPR for details.
2. Airside access AH requires a call-out (fees apply).
3. This AD is a security controlled airport. All pilots and operators must possess and display a current Aviation Security Identification Card (ASIC) whilst airside unless under escort.
4. GA pilot and pedestrian access/egress via Gate 4 only, 30M north of the fuel bowser. Access to terminal not permitted via Regular Public Transport (RPT) Apron.
5. Limited PRKG for overnight GA ACFT, CTC ARO for PRKG approval.

Information may be continued on the next page: PTO

HANDLING SERVICES AND FACILITIES

Viva Energy Australia (Airport Refuelling Services): DLY 1900-1000 UTC. JET A1 30 MIN PN. PH 0408 711 968 AH surcharges apply. AVGAS 24HR via outdoor payment terminal bowser. Carnet, V and MC.
MACHJET - FBO H24 DLY. PH 0447 182 351 or 07 5457 0778. Email: fbo@machjet.com.au. Full FBO services.
SWISSPORT - FBO email: charters@swissport.com.au or info@skycare.co.nz. PH 0403 455 443.
FLIGHT OPTIONS – FBO PH +61 488 603 132 H24. Email: fbo@flightoptions.com.au.

General

AD OPR does not provide marshalling services.

PASSENGER FACILITIES

PT/TX/HC/BU/LG/RF/WC/ME

RESCUE AND FIREFIGHTING SERVICES

1. CAT 7:
   a. MON 2045-1320 UTC.
   b. TUE-SUN 2045-1155 UTC.
2. 131.0 MHz AVBL HO.
3. Water Rescue Service AVBL.

AERODROME OBSTACLES

1. Mt Coolum lit 710FT AMSL BRG 340 DEG MAG 2.53NM FM ARP. Infringes inner HZS by 551FT.
2. TWR:
   a. Lit 834FT AMSL BRG 258 DEG MAG 5.38NM FM ARP.
   b. Lit communications 212FT AMSL BRG 324 DEG MAG 2.52NM FM ARP. Infringes inner HZS by 49FT.
3. B737/A321 ACFT tail when positioned at TWY F holding point RWY 13/31. Infringes RWY 31 APCH SFC by 14.7FT.
4. Roof unlit 36FT AMSL BRG 084 DEG MAG 240M FM ARP. Infringes RWY 13 TKOF SFC by 4FT.
5. Tree (lit) 257FT AMSL PSN 263541.1S 1530301.5E. Infringes inner HZS by 95FT.
6. Trees (unlit):
   a. 563FT AMSL PSN 263125.6S 1530204.2E. Infringes horizontal section RWY 13 APCH SFC BY 50FT.
   b. 179FT AMSL PSN 263617.3S 1530240.1E. Infringes inner HZS by 17FT.
   c. 51FT AMSL PSN 263613.7S 1530540.5E. Infringes RWY 31 APCH SFC by 2FT.
   d. 57FT AMSL PSN 263611.8S 1530540.1E. Infringes TNS by 10FT.
   e. 81FT AMSL PSN 263436.5S 1530412.6E. Infringes RWY 13 APCH SFC by 16FT.
   f. 86FT AMSL PSN 263431.8S 1530415.1E. Infringes RWY 13 APCH SFC by 16FT.
   g. 74FT AMSL PSN 263439.2S 1530413.1E. Infringes RWY 13 APCH SFC by 14FT.
   h. 60FT AMSL PSN 263446.3S 1530414.4E. Infringes RWY 13 APCH SFC by 12FT.
   i. 54FT AMSL PSN 263448.6S 1530416.3E. Infringes RWY 13 APCH SFC by 12FT.
   j. 62FT AMSL PSN 263447.2S 1530413.1E. Infringes RWY 13 APCH SFC by 14FT.
   k. 49FT AMSL PSN 263455.3S 1530415.3E. Infringes TNS by 6FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, AD WRNG.
2. AWIS PH 07 3564 3738 - Report faults to BoM.
3. AWIS FREQ 119.8 AVBL outside TWR HR - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

13/31	131	92a	PCR 690/F/B/X/T Grooved	WID 45	RWS 300

AERODROME AND APPROACH LIGHTING

RWY 13/31	MIRL	AFRU+PAL 124.4		SDBY PWR AVBL
RWY 13/31	PAPI	AFRU+PAL 124.4	3.0 DEG67FT	SDBY PWR AVBL
RWY 13/31	RTIL	AFRU+PAL 124.4		SDBY PWR AVBL

1. RWY edge light spacing: 13/31: 58M.
2. RGL at all RWY/TWY intersections.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC. Does not support TKOF BLW 800M.
2. TWY LGT: Green CL on TWY A, A1, A2, B, B1, B2, J, M, F BTN TWY B1 and RWY 13/31 and Western GA Taxilane.
3. RWY guard LGT
4. Blue edge LGT at RWY 13 turn node.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE		129.0 CCT area - on GND COM CTC 135.2 (outside TWR HR)
ATIS	SUNSHINE COAST	(3)	114.2 (1) 119.8 (2)
SMC	SUNSHINE COAST GROUND		121.1
TWR	SUNSHINE COAST TOWER		124.4

(1) H24.
(2) TWR HR only.
(3) Also AVBL on PH 07 5458 2955.

1. TWR HR:
   2100-0940 UTC DLY. Phone: 07 5458 2953^.
   Note: TWR HR may change at short notice, check status of airspace with ATS or Sunshine Coast ATIS.
2. Sunshine Coast TWR provides combined TWR and APP CTL services within Class D airspace 4,500FT AMSL and BLW DRG TWR HR. CTC TWR for a clearance.
3. Outside TWR HR, Sunshine Coast Class D airspace 4,500FT AMSL and BLW becomes Class G.
4. Brisbane Centre operates Sunshine Coast Class C airspace H24.
5. FIA on ground COMS may be AVBL with ATS dependent on ACFT location and building shielding.

RADIO NAVIGATION AND LANDING AIDS

DME	SU	114.2/ 89X	263551.7S	1530525.1E		(2)
NDB	SU	380	263531.9S	1530530.2E	Range 50 (HN 50)	(3)
VOR	SU	114.2	263551.7S	1530525.1E		(1)

(1) Coverage reduced in minor arc 169 to 340 due terrain shielding. Radial 169 not to be used outside 40NM. DME ARR is not AVBL on SU VOR 340 radial. Bending and scalloping on 224 radial at low altitudes.
(2) Antenna ELEV 36FT.
(3) 172/0.67 to ARP.

LOCAL TRAFFIC REGULATIONS

1. RWY 31: ACFT ABV 80,000KG MTOW to make 180DEG MAX RAD turns following yellow line at RWY end turning node.
2. ACFT ABV 5,700KG RQ prior approval from the AD OPR to OPR BTN HR of 2300 and 0530 Local. PN for HEL OPS RQ (non EMERG).
3. MAX Code C ACFT to occupy TWY F RWY hold point when ACFT on APCH to RWY 31.
4. Code D and E ACFT to hold short at INT hold PSN located on APN TWY B south of TWY B1 to inform ATC ready when RWY 31 duty RWY.
5. TWY F RWY holding PSN not AVBL during low VIS OPS.
6. ACFT Holding Bay AVBL to ACFT MAX wingspan 24M (e.g. E35L), located northern side TWY A2.
7. Pilots to exercise caution on TWY E, BTN TWY M and TWY J due to lack of VIS FM control TWR.
8. Southern PRKG APN Bays 30 and 31 and GA Southern Apron HJ only.
9. Ground Running of engines for maintenance purposes RQ prior approval FM ARO.
10. **TRAINING FLIGHTS**
    a. All ACFT planning practice instrument APCH and NAVAID training require ATC approval, pilots must book a slot online at www.bookawk.com.
    b. Circuit training requires ATC approval, pilots must book a slot online at www.bookawk.com. Circuit training permitted only BTN HR of 2100 and 1200 UTC.

Information may be continued on the next page: PTO

11. **APN AND TWY AVAILABILITY AND RESTRICTIONS**
    a. TWY A BTN TWY A1 and TWY A2, and TWY A2 restricted to MAX wingspan 36M
    b. TWY B2 and APN TWY B BTN TWY B1 and TWY B3: restricted to MAX B737/A321.
    c. TWY B3: restricted to MAX 24M wingspan and 10,000KG.
    d. TWY F south of TWY B1: restricted to MAX 26M wingspan (B737/A320).
    e. TWY M and TWY J: restricted to MAX 20M wingspan and 10,000KG.
    f. TXL D, TXL G and TXL H: restricted to MAX wingspan 15M and 5,700KG (EXCL Cessna 208).
    g. GA PRKG APN, TWY F BTN TWY B1 and TXL C, TXL D, TXL H, TXL G and TWY B3 unlit and restricted to HJ OPS only.
    h. Code D and Code E ACFT restricted to TWY A1, TWY A BTN TWY A1 and TWY F, TWY B1, APN TWY B BTN TWY B1 and TWY G, TWY F north of TWY B1.
    i. TWY E restricted to helicopter OPS. Access to western TXL is via TWY M or J unless otherwise instructed by ATC.

12. **PARKING**
    a. Bay 19A and 20A: restricted to ACFT MAX 32M wingspan.
    b. Bay 19, 19A, 20 and 20A not AVBL to ACFT without prior approval from the AD OPR.
    c. Bays 30 and 31 (Southern PRKG APN) access via TWY F and TXL C
    d. Due to security requirements, all ACFT ABV 5,700KG and are not RPT must obtain prior approval FM AD OPR if they are programmed to stage through or remain at Sunshine Coast. To obtain such approval 48HR notice is required; PH ARO.
    e. GA ACFT BLW 5,700KG not permitted on Air Transport (RPT) APN without prior approval from AD OPR. Access to the Southern GA APN is via TXL C or TXL G. Access to the western TXL is via TWY J, TWY B3 or TWY M.
    f. For any itinerant/GA ACFT requiring to park on the Air Transport (RPT) APN, a ground handler/FBO is required to be engaged by the ACFT operator prior to ACFT parking being allocated by AD OPR (exceptions: RFDS/medical/emergency operations).

13. **START AND PUSHBACK**
    a. Air Transport (RPT) APN Bays pushback RQ.
    b. CTAF pushback procedures:
        (i) During CTAF, all ACFT on RPT APN Bays RQ to pushback.
        (ii) Additional mandatory CTAF ACFT broadcast. ACFT shall broadcast intention to pushback to nominated disconnect point prior to pushback, followed by TAX broadcast when ready as per *AIP GEN*.

14. **HEL OPS**
    a. Southern GA APN – APCH and depart via TWY F or as directed by ATC.
    b. Western GA precinct – to avoid construction zone, APCH and depart via TWY A or as directed by ATC.

FLIGHT PROCEDURES

1. **ATC TRAFFIC MANAGEMENT SPEED**
   When **not** on a SID or STAR (including vectoring) - ACFT ARR or DEP SU via Class C airspace must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.
   Note: Pilots must also comply with Class D airspace speed limits. Cancellation of ATC traffic management speeds does not cancel Class D airspace speed limits.
2. Outside TWR HR - ALL ACFT OPR in circuit area are to BCST position and RWY being used when an inbound call is received FM an ACFT joining the circuit or a call is received FM an ACFT about to taxi.
3. Right hand circuits required when OPR RWY 13 except as directed by ATC.
4. **LOW VISIBILITY OPERATIONS**
    a. LVO AVBL during TWR HR.
    b. Transmissometers not installed. RVR not AVBL.
    c. RWY VIS assessment measurements AVBL.
    d. RWY 13/31 not capable of supporting TKOF when RWY VIS is less than 800M.
    e. Preparations for LVP activation commence when VIS is likely to reduce below 2,750M.
    f. LVP in force when VIS is 800M or less, or cloud base is 200FT or BLW. ATC will limit vehicle movements on the manoeuvring area to Airport Safety Officer, ARFFS and other EMERG vehicles.
    g. TWY F RWY holding point not used when LVP in force.

CTAF - AFRU 124.4
Outside TWR HR.

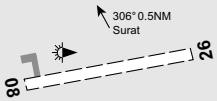
NOISE ABATEMENT PROCEDURES
Noise Abatement Procedures (NAP) apply. Refer AIP DAP.

ADDITIONAL INFORMATION
1. TWY F RWY holding position located 145M from start of take-off RWY 31.
2. Class D airspace is in close proximity to aerodromes in Class G airspace.
3. Fuel/oil clean-up/disposal are chargeable and must meet Government Environmental standards.
4. Bird and animal hazard exists:
   a. Flying fox transiting south to north - HN only.
   b. Nankeen kestrel (birds of prey) present on airfield.
   c. Australian white ibis flocking on airfield HJ.
   d. Increased ducks in VCY of AD, HN.
   e. Increased Fairy martins and Welcome swallows in VCY of RWY 13/31 strip early morning and late afternoon.
5. PJE OPS:
   a. Occasional operations HJ within 1NM of Maroochydore Sporting Complex Oval BRG 194 DEG MAG 3.3NM from ARP, up to FL150.
   b. DLY HJ at Coolum Beach located BRG 351 DEG MAG 4.0NM from ARP, up to FL150.
6. Model ACFT OPR WI 300M radius of PSN 264005.61S 1530048.34E, BRG 216 DEG MAG 5.7NM FM ARP, SFC to 1,000FT AGL. OPS not ABV 400FT AGL WI Sunshine Coast CTR.

CHARTS RELATED TO THE AERODROME
1. WAC 3340.
2. Also refer to AIP Departure and Approach Procedures.
3. Aerodrome Obstruction Chart Type A: October 2025.

SURAT

ELEV 837
FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YSRT
270934S	1490434E	VAR 10 DEG E	UNCR

AD OPR Maranoa Regional Council, PO Box 620, Roma, QLD, 4455.
Email: airport@maranoa.qld.gov.au. PH 1300 007 662.
ARO 0407 730 531. Fax 07 4624 6990.
Website: www.maranoa.qld.gov.au.

REMARKS
1. PPR FM AD OPR.
2. AD Charges: For current fees and charges refer to website.

AERODROME AND APPROACH LIGHTING
PAL+AA 120.05.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	126.0 4000FT

CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3340, 3341.

Information may be continued on the next page: PTO

SWAN BAY

ELEV 15

FULL NOTAM SERVICE NOT AVBL

NSW		UTC +10	YSWB
290257S	1531804E	VAR 12 DEG E	UNCR

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.3

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3357.

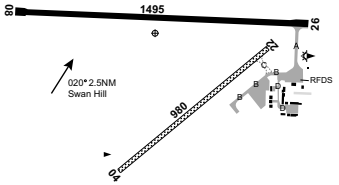
SWAN HILL

ELEV 234

AVFAX CODE 3025

VIC		UTC +10	YSWH
352233S	1433158E	VAR 10 DEG E	CERT

AD OPR Swan Hill Rural City Council, PO Box 488, Swan Hill, VIC, 3585. Email: council@swanhill.vic.gov.au. PH 03 5036 2333 (BH only). ARO 0400 806 604: 0407 505 607. Fax 03 5036 2340 (BH only). Website: www.swanhill.vic.gov.au.



REMARKS

1. AD charges: All ACFT refer to website for terms of use.
2. PPR FM AD OPR for pavement concessions and RPT OPS.
3. Night curfew for circuit training between 2200-0700 Local.

HANDLING SERVICES AND FACILITIES

BP: AVGAS H24. Mid Murray Flying Club via BP carnet card swipe bowser, otherwise PN required. PH 03 5032 2444, 0418 507 221 or Fax 03 5033 1376.
IOR Aviation: JET A1 H24 self-service bowser. Payment via IOR Aviation tag for account holders or the Fuelcharge APP, PH 1300 457 467.

PASSENGER FACILITIES

TX/HC/WC/ME/LG/RF

SURFACE MOVEMENT GUIDANCE

Fixed distance and touchdown markings not provided.

AERODROME OBSTACLES

1. TWR:
   a. 450FT AMSL, 4,950M NNE of ARP.
   b. 492FT AMSL 055 DEG MAG 5,680M from ARP.
2. High fences:
   a. 10FT, 22M W of RWY 08 RWS end.
   b. 6.5FT, at RWY 26 RWS end.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 03 8470 3221 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

04/22	039	32c	5700 kg/0.45 MPa Gravel	WID 23	RWS 90
08/26	081	49a	PCR 30/F/D/0.60 MPa/U Sealed.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 04/22 PTBL(1) BY PRIOR ARRANGEMENT
RWY 08/26 LIRL PAL 120.6
(1) EMERG only. 1 HR PN. CTC ARO.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.8 2500FT

RADIO NAVIGATION AND LANDING AIDS

NDB SWH 407 352249.8S 1433225.1E Range 45 (HN 45)

CTAF - AFRU 119.1

ADDITIONAL INFORMATION

Bird and wildlife (kangaroo) hazard exists.

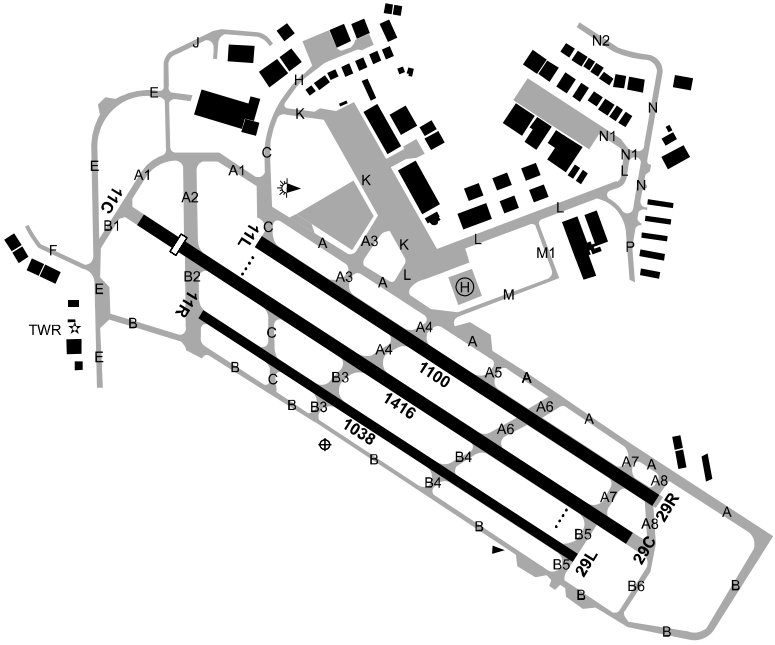
CHARTS RELATED TO THE AERODROME

1. WAC 3458.
2. Also refer to AIP Departure and Approach Procedures.

SYDNEY/BANKSTOWN ELEV 34

AVFAX CODE 2002

NSW UTC +10 YSBK
335528S 1505918E VAR 13 DEG E CERT
AD OPR Bankstown Airport Limited, 16A Airport Avenue, Bankstown Airport, NSW, 2200.
PH 02 8709 9400. ARO 0419 294 432 (0500-2105 daily local time).



REMARKS

1. AD Charges: All ACFT - Contact AD OPR for price structure and conditions of use.
2. Turbojet ACFT to OPR only on RWY 11C/29C or RWY 11L/29R.
3. Pavement concessions AVBL for ACFT ABV 20,000KG MTOW with H24 PN.
4. ACFT with wingspan greater than 29M require prior approval.
5. PPR for non-VH registered ACFT.

Information may be continued on the next page: PTO

HANDLING SERVICES AND FACILITIES

AIR BP – DNA Fuel Pty Ltd: 0600-2000 Local MON-FRI, 0615-1800 Local SAT-SUN. Phone 02 9791 0599, MOB: 0417 687 166 H24, VHF 126.4. AVGAS, F34, JET A1 Plus FSII, Aeroshell Lubricants. Air BP Carnet Card, MC and V. AH call-out fee applies. Taxi arrangements AVBL.
World Fuel Services (Australia) Pty Ltd: MON-FRI 0600-1900 Local (2000 AEDT); SAT/SUN 0600-1800 Local. AVGAS and JET A1 refuelling trucks + FSII, H24 Card Swipe AVGAS Bowser, World Fuel Services cards or V and MC via Compac Pay smartphone APP, Mobil and Phillips 66 Lubricants. BH VHF 119.1 or PH 02 9790 2144. Accept World Fuel Services Carnets, AV Cards, AMEX, MC and V for tanker fuelling. AH 0412 585 550 AH call-out fee applies (JET A1 only), 2 HR PN required.
Viva Energy Aviation - Valiant Aviation - 0500 - 2230 Local MON-THU, 0500-2000 Local FRI, 0600-1800 Local SAT and SUN. AH call-out fees apply. PH 02 9791 0053, MOB 0418 113 490, VHF 129.9. AVGAS, JET A1, JETPLUS (FSII) AVBL. VEA carnet and credit card (MC and V) accepted.
Secure Air Charter FBO: H24. Phone 02 9791 6565. Fax 02 9791 6560. AH 0422 555 555. AH by PN.
NAVAIR - FBO Services: Phone 1300 759 722 or email: charter@navair.com.au. H24, VIP Lounge, parking and hangarage AVBL WI 3HR PN. JET A1 and AVGAS AVBL, all cards accepted.
Falconair: FBO Phone 0426 824 227 or 0418 444 834. Email: admin@falconair.com.au. H24 passenger lounge, aircraft parking, short term hangarage and maintenance.

APRONS AND TAXIWAYS

1. Pilots of ACFT using TWY A, note the MAX wingspan is 29M, when passing the TWY A ACFT run-up bay. Area is marked 'MAX WINGSPAN 29M'.
2. TWY E BTN TWY J and TWY B1 not AVBL outside TWR HR.
3. **Pavement restrictions**
   a. TWY C, J, L, P, N, N1, N2, AVBL for ACFT up to 16,000KG.
   b. TWY A1, A2, A, A3 north of A, L south of K, K, A7, A8 AVBL for ACFT up to 20,000KG.
   c. TWY C BTN RWY 11C/29C and RWY 11L/29R closed due pavement failure.

AERODROME OBSTACLES

1. Lit OBST:
   a. 212FT AMSL BRG 061 DEG MAG 4,550M FM ARP.
   b. 266FT AMSL BRG 065 DEG MAG 4,550M FM ARP.
   c. 300FT AMSL BRG 062 DEG MAG 2,100M FM ARP.
   d. 269FT AMSL BRG 009 DEG MAG 2,100M FM ARP.
   e. 256FT AMSL BRG 044 DEG MAG 3,600M FM ARP.
   f. 222FT AMSL BRG 050 DEG MAG 3,650M FM ARP.
   g. 351FT AMSL PSN 335454.1S 1510208.4E.
   h. COM TWR 200FT AMSL PSN 335632.0S 1505953.8E.
2. Transient vehicles 15FT AGL BTN PSN 335508.96S 1505850.57E and PSN 335502.86S 1505854.95E (APRX BRG 267 to 315 DEG MAG 180M FM RWY 29C RWS end). Infringes 2.2% TKOF GRAD for RWY 29C.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI, AD WRNG.
2. AWIS Phone 02 9353 6403 - Report faults to BoM.
3. AWIS FREQ 122.925 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

11C/29C	111	46a	PCR 200/F/C/X/T	WID 30	RWS 90
11L/29R	111	36a	PCR 70/F/D/X/T	WID 30	RWS 90
11R/29L	111	34a	5700 kg/0.58 MPa	WID 23	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 11C/29C	MIRL	PAL+AA 125.95		SDBY PWR AVBL
RWY 11C/29C	PAPI	PAL+AA 125.95	3.0 DEG25FT	SDBY PWR AVBL
RWY 11C/29C	RTIL	PAL+AA 125.95		SDBY PWR AVBL

1. RWY edge light spacing: 11C/29C: 60M.
2. PAPI AVBL on RQ during ATC HR. RWY 29 remains preferred RWY direction HN. PAPI signal valid for RWY 11C/29C only.

OTHER LIGHTING

ABN FLG 4 W

1. SDBY PWR switchover time: 3 SEC.
2. TWY LGT: Green CL.
3. Aeronautical ground lights positioned at:
   a. BEROWRA (1)
   b. ROUND CORNER (1)
   (1) Strobes aligned with VFR ROUTE BROOKLYN BRIDGE to PROSPECT RESERVOIR as depicted on SYDNEY VTC. Pilot monitored.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	SYDNEY CENTRE	124.55 PRI. On Ground.
APP	BANKSTOWN APPROACH	125.8
ATIS	BANKSTOWN	120.9 (1)
SMC	BANKSTOWN GROUND	119.9
TWR	BANKSTOWN TOWER	123.6 132.8

(1) or Phone 02 9738 3190

1. FIA FREQ subject to shielding. Use in open areas with line of sight to Control TWR.
2. TWR HR:
   a. MON-FRI: 2000-1130 UTC (1 HR earlier HDS)
   b. SAT and SUN: 2100-0900 UTC (1 HR earlier HDS).
3. BK TWR provides ATS within Class D CTR airspace SFC to 1,500FT during TWR HRS.
4. Outside TWR HR airspace becomes Class G. CTAF procedures apply.

LOCAL TRAFFIC REGULATIONS

1. Parking:
   a. ACFT requiring parking in front of Bankstown terminal are required to get prior approval from AD OPR.
   b. Hardstand parking AVBL for twin engine and turbine ACFT only.
2. Start Clearance Required on SMC FREQ 119.9 for all operations excluding EMERG.
3. Taxiing ACFT shall give way to ACFT vacating a RWY.

FLIGHT PROCEDURES

1. **ESTIMATED AIRBORNE TRAFFIC DELAYS**

1.1. For IFR ARR ACFT may be expected due to terminal area traffic density 2000-1300 UTC DLY: 15 MIN.

Note: Actual holding times may differ from holding estimates. Historical data on actual holding is available from the NOMC.

2. **ATC TRAFFIC MANAGEMENT SPEED**

When not on a SID or STAR (including vectoring) - ACFT ARR or DEP BK via Class C airspace must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.

Note: Pilots must also comply with Class D airspace speed limits. Cancellation of ATC traffic management speeds does not cancel Class D airspace speed limits.

3. **IFR OPERATIONS IN VMC**

Pilots electing to commence or terminate an IFR flight under the VFR should communicate such intention at the earliest possible time to ensure their arrival or departure is processed efficiently.

4. **LOW VISIBILITY OPERATIONS**

Low Visibility Operations not AVBL.

5. **LOCAL PROCEDURES**

5.1 **Flight Plan Notification**

   a. All VFR operations within Class D CTA must submit a flight plan.
   b. IFR or VFR ACFT requiring RWY 11C/29C must notify BK TWR ATC on first contact.

Information may be continued on the next page: PTO

5.2. **VFR and IFR Clearances via Class D CTA**

5.2.1. Arrivals

a. IFR

(i) BK CTR is IMC

Expect IFR clearances to BK from CTA via IAP (i.e. RNP N, Y, Z).

(ii) BK CTR is VMC

Expect Visual Approach

b. VFR

(i) Clearances to BK CTR via Class D CTA should be via a published inbound VFR route.

(ii) ACFT will be issued a coded VFR clearance (i.e. Brooklyn Inbound, Lighthorse Inbound), refer 5.4. CODED CLEARANCES to BANKSTOWN via CLASS D CTA.

(iii) Prior to entry into Class D CTA, inbound ACFT must contact SY CEN 124.55 for a SSR code allocation.

(iv) If unsure of position request assistance from SY CEN 124.55.

(v) Once allocated an SSR code, VFR pilots arriving in Bankstown via Class D CTA should initiate communications with BK APP and advise their intentions (e.g. Bankstown Approach, ABC at Nepean Bridge, 1,500FT, request LIGHTHORSE INBOUND), refer 5.4. CODED CLEARANCES to BANKSTOWN via CLASS D CTA.

5.3. **All ACFT**

After landing remain on 132.8 until clear of all active RWY, then contact SMC on 119.9 in accordance with AIP.

Request “taxi guidance” if required.

5.4. **CODED CLEARANCES to BANKSTOWN via CLASS D CTA**

5.4.1. (NORTH) BROOKLYN INBOUND

Track Brooklyn Bridge (BBG), Berilee (BEE), South Dural Tanks at 1,800FT, then Castle Towers (CAST) and Baulkham Hills Reservoir (BKHR). When ready, descend to reach 1,500FT by BKHR, then track to eastern side Prospect Reservoir (PSP) at 1,500FT.

At PSP, contact BK TWR 132.8 for joining instructions into BK CTR, identification services terminated.

Note: Higher altitudes may be available on request

5.4.2. (WEST) LIGHTHORSE INBOUND

From Nepean Bridge (NPBR), track via the M4 to Lighthorse Interchange (LIHR) keeping the M4 and LIHR on your right, then to the eastern side of PSP at 1,500FT.

At PSP, contact BK TWR 132.8 for joining instructions into BK CTR, identification services terminated.

5.4.3. (SOUTHWEST) ST HELENS INBOUND

From St Helens Skate Park (SSKP), track to Campbelltown Railway Station (CRST) at 2,500FT or as directed by ATC, then via the rail line to Crossroads Shopping Centre (CRSC). When ready descend to reach 1,500FT by CRSC keeping the Hume Motorway on your left.

At CRSC, contact BK TWR 132.8 for joining instructions into BK CTR, identification services terminated.

Note: Caution wake turbulence when YSSY RWY 07 is in use.

5.5. **Departures**

5.5.1. All ACFT departing directly from BK CTR to Class G airspace are to change to SY CEN FREQ 124.55 at the BK CTR boundary during TWR HR. Specific transfer instructions will not be issued to VFR ACFT.

5.5.2. AWY CLR requests to enter SY CTR and WS CTA D must be made on BK GND 119.9 during TWR HR, or SY CEN 124.55 outside TWR HR.

5.5.3. ACFT DEP in CTA ABV 1,500FT may experience DEP delay due traffic and CTA limitations.

5.5.4. For Class E operations between 90NM N of Sydney and MAKOR, IFR holding occurs in Class E airspace between 40NM to 90NM N of Sydney (VNC Sydney refers).

5.5.5. Pilots planning VFR flights in the vicinity of MAKOR and beyond should, as far as is reasonable, plan to avoid the Class E airspace in this area due to the intensity of IFR ACFT inbound to and holding for Sydney.

5.5.6. All ACFT requesting an AWY CLR into Class C and Class D CTA contact BK GND 119.9 immediately prior to taxiing with intentions.

5.5.7. ACFT departing BK into CTA

a. IFR

H24 IFR ACFT departing BK via Class C CTA expect to DEP via SID.

b. VFR

RWY 29

Via Mt Annan Outbound

(i) Maintain RWY heading and climb to 1,000FT

(ii) Crossing Hume Motorway, turn left climb to 1,500FT and track to the intersection of Hoxton Park Road and M7

(iii) Track via Mt Annan Outbound (see 5.6.3. (SOUTHWEST) MT ANNAN OUTBOUND)

(iv) Leaving BK CTR and entering WS CTA D, contact BK APP 125.8.

Via Parramatta (PRT)

(i) Maintain RWY heading and climb to 500FT

(ii) At 500FT turn right and track to PRT and climb to 1,000FT

(iii) Crossing the pipeline (APRX 3NM) climb to 1,500FT

(iv) Track via your nominated clearance i.e. Hornsby outbound (see 5.6.1. (NORTH) HORNSBY OUTBOUND) or Penrith outbound (see 5.6.2. (WEST) PENRITH OUTBOUND)

(v) Leaving BK CTR and entering WS CTA D, contact BK APP 125.8.

Via Revesby Station (REVS)

(i) Follow ATC instructions

(ii) At REVS track via Woronora Outbound (see 5.6.4. (SOUTHEAST) WORONORA OUTBOUND)

(iii) Leaving BK CTR and entering SY CTA D, contact BK APP 125.8.

RWY 11

Via Mt Annan Outbound

(i) Maintain RWY until 500FT, then turn left onto downwind, tracking to the Dunc Gray Velodrome, climb to 1,500FT

(ii) At the Dunc Gray Velodrome and not before maintaining 1,500FT track to the intersection of Hoxton Park Rd and M7

(iii) Track via Mt Annan Outbound (see 5.6.3. (SOUTHWEST) MT ANNAN OUTBOUND)

(iv) Leaving BK CTR and entering WS CTA D, contact BK APP 125.8.

Via Parramatta (PRT)

(i) Maintain RWY heading and climb to 500FT, then turn left and track direct to PRT, climb to 1,500FT

(ii) Track via your nominated clearance i.e. Hornsby outbound (see 5.6.1. (NORTH) HORNSBY OUTBOUND) or Penrith outbound (see 5.6.2. (WEST) PENRITH OUTBOUND)

(iii) Leaving BK CTR and entering WS CTA D, contact BK APP 125.8.

Via Revesby Station (REVS) entering SY CTA D

(i) Follow ATC instructions

(ii) At REVS track via Woronora Outbound (see 5.6.4. (SOUTHEAST) WORONORA OUTBOUND)

(iii) Leaving BK CTR and entering SY CTA D, contact BK APP 125.8.

5.6. **CODED CLEARANCES from BANKSTOWN to CLASS D CTA**

5.6.1. (NORTH) HORNSBY OUTBOUND

Track via the applicable departing circuit procedure then via Parramatta (PRT).
Leaving BK CTR contact BK APP 125.8.
Track PRT direct to Carlingford Corner (CFCR) at 1,500FT. After CFCR climb to 1,800FT and track to Pennant Hills Strobe (PENH) then Hornsby (HSY). Leave controlled airspace on track to Patonga (PAA). Remain at 1,800FT until outside Class D airspace.
Leaving Class D CTA control and identification services terminate, squawk 1200, FREQ change approved.
Note: Higher altitudes may be available on request.

Information may be continued on the next page: PTO

5.6.2. (WEST) PENRITH OUTBOUND
Track via the applicable departing circuit procedure then via PRT.
Leaving BK CTR contact BK APP 125.8.
Then track via Seven Hills Train Station (SITS), Victoria Bridge (VCBR) at 1,500FT.
Leaving Class D CTA control and identification services terminate, Squawk 1200, FREQ change approved.

5.6.3. (SOUTHWEST) MT ANNAN OUTBOUND
Track via the departing circuit procedure then via the intersection of the M7 and Hoxton Park Road (HXPR).
Leaving BK CTR contact BK APP 125.8.
Then track via Edmondson Park Station (EMPS). At EMPS climb to 2,500FT, or as directed by ATC, then track southbound via the Hume Motorway keeping the highway on your left.
Leave controlled airspace on track to Mt Annan Gardens Greenhouse (MAGG).
Leaving Class D CTA control and identification services terminate, Squawk 1200, FREQ change approved.
Note: Caution wake turbulence when YSSY RWY 07 is in use.

5.6.4. (SOUTHEAST) WORONORA OUTBOUND
Track via the applicable departing circuit procedure then via Revesby Station (REVS), Casuarina Oval (CASO), Woronora Cemetery (WORC) at 1,500FT.
Leaving Class D CTA Control and Identification Services Terminated, Squawk 1200, FREQ change approved.
Note: Caution wake turbulence when YSSY RWY 07 is in use.
Note: Special Procedures: When RWY 07 is in use at YSSY, wake turbulence separation of 1,000FT from super heavy aircraft is not achievable on the Woronora Outbound, expect delays.

6. **CIRCUIT OPERATIONS**

6.1. Circuit Altitude: 1,000FT QNH.

6.2. Circuit OPS are to be confined within a 2NM radius of the ARP.

6.3. ATC may restrict circuit OPS.

7. **CLASS D CTR**

a. Circuit Directions during TWR HR.
   (i) RWY 11L HJ - left: HN - right (when RWY 11C not AVBL).
   (ii) RWY 11R HJ - right: HN - not AVBL.
   (iii) RWY 11C HJ - left: HN - right.
   (iv) RWY 29L HJ - left: HN - not AVBL.
   (v) RWY 29R HJ - right: HN - left (when RWY 29C not AVBL).
   (vi) RWY 29C HJ - right: HN - left.
b. OPS on RWY 11C/29C shall conform to the 11L/29R circuit direction (i.e.11C/11L - left circuit, 29C/29R - right circuit), unless otherwise advised by ATC.
c. Practice instrument approaches may be approved by ATC.
d. CAUTION: Helicopters overfly runways midfield at 500FT.
e. CAUTION: Helicopters conduct CCTS WI the 11L/29R fixed wing circuit at 700FT. Refer to 10.1. Helicopter operations.

8. **IFR arrivals and departures to the South and South East**

a. Pilots are reminded that R555A, R555F and R521 have RA3 conditional status and a clearance issued by ATC:
   (i) into Class C and D airspace on DEP FM BK; or
   (ii) to leave Class C and D airspace on descent to BK,
   does not authorise entry into a restricted area.

8.1. Fixed wing departures to YSSY
In addition to ATFM procedures described in *Sydney/Kingsford-Smith - Flight Procedures*, pilots must contact SY Flow on 02 9556 6515 prior to starting engines for tactical slot confirmation.

9. **VFR Arrivals and Departures**

a. VFR Coded clearances via Class D CTA to and from BK does not authorise entry into:
   (i) SY CTR,
   (ii) WS CTR,
   (iii) RI CTR.

10. **HELICOPTERS/SEAPLANES**

10.1. Helicopter operations

a. A take-off clearance constitutes a clearance to operate within the CTR or depart the CTR into Class D CTA in accordance with the instructions at 5.5. Departures and 5.6. CODED CLEARANCES from BANKSTOWN to CLASS D CTA.

b. The HEL circuit is based on the HLS to the N of the 11/29 RWY complex (the Main Pad). The circuit direction shall conform to that of the active RWY. The circuit shall be conducted WI the fixed wing circuit.

c. Helicopter arrivals and departures may only be conducted using:
   (i) RWY and designated helicopter landing sites.
   (ii) TWY N2 (PPR from AD OPR).
   (iii) The helicopter APN west of TWY N1 (PPR from AD OPR).
   (iv) Other areas approved by the aerodrome operator.

d. Unless otherwise authorised by ATC:
   (i) Arrivals to and departures from TWY N2 - track parallel to Marion Street.
   (ii) Departures to the west from the helicopter APN - track initially parallel to the runway then parallel to Marion Street.
   (iii) Arrivals from the west to the helicopter APN - track initially parallel to Marion Street then parallel to the RWY.
   (iv) All other arrivals and departures - track parallel to the RWY.
   (v) Turn after take-off not permitted below 500FT.

e. Operations to the north of Marion Street are not permitted below 500FT.

f. Helicopters inbound to BK via CRSC can expect to be processed via CSTH.

g. Three special HEL check points have been devised to segregate HEL traffic by having it ARR or DEP, beneath the fixed-wing circuit at right angles to and midway along the downwind leg. ATC will instruct each ARR and DEP HEL as to the route to be flown.

h. The HEL check points are:
   (i) CHOPPERS NORTH (CNTH) - Northern end of Regents Park Railway Station APRX 300M N of the water pipeline.
   (ii) CHOPPERS WEST (CWST) - Michels Patisserie located 1.2NM W of CNTH on the water pipeline.
   (iii) CHOPPER SOUTH (CSTH) - Intersection of two creeks enclosing a sewage treatment works 2.1NM S of ARP.

10.2. HEL/Seaplane lanes into Class G to/from R407B

a. OUTBOUND
   (i) HEL/seaplane shall advise their intentions or preference with the “READY” report.

b. INBOUND
   (i) HEL/seaplane shall make first contact with BK TWR on 132.8 prior to BK CTR and advise their intentions to track via one of the appropriate VFR lanes below for joining instructions.

c. BK OPS in the 29 direction
   (i) OUTBOUND
   Track CWST, RYB into R407B
   (ii) INBOUND
   From RYB, CNTH to BK

d. BK OPS in the 11 direction
   (i) OUTBOUND
   Track CNTH, RYB into R407B
   (ii) INBOUND
   From RYB, CWST to BK

Information may be continued on the next page: PTO

11. VFR COMMUNICATION FAILURE

a. Carry out Communication Failure procedures in EMERG.
b. Enter BK CTR at 1,500FT and TR to overhead the aerodrome at that altitude.
c. Ascertain landing direction and join the appropriate circuit for the runway selected.
d. The preferred runway for landing should be the runway nominated in the joining or sequencing instruction or the arrivals/departure runway nominated on the ATIS.
e. When ready, descend to circuit altitude remaining clear of the other circuit.
f. Maintain separation from other ACFT.
g. Proceed with normal circuit and landing.
h. Watch for light signals from the TWR.

CTAF - AFRU 132.8

Outside TWR HR.

NOISE ABATEMENT PROCEDURES

All times are in LST (AEST or AEDT, as applicable).

1. FIXED WING
   a. The preferred RWY direction is 29.
   b. Circuit training is permitted only BTN 0600-2200 Local MON-FRI (0600-2230 Local HDS). BTN 0700 Local and last light SAT-SUN.
   c. OPS BTN first light and 0700 Local:
      (i) OPS in the 29 direction shall be confined to RWY 29L, except that RWY 29C may be used if operationally required; and
      (ii) OPS in the 11 direction shall be confined to RWY 11R, except that RWY 11C may be used if operationally required.
   d. BTN 1900 (or last light, if later) and 0700 Local, CCTS must be flown only on the southern side of the AD. RWY 11: right circuit; RWY 29: left circuit.
   e. BTN 2130-2300 Local MON-FRI (2030-2300 Local SAT-SUN), ACFT departing RWY 11 (except circuit TFC) must turn left.
   f. Low level circuit training not AVBL.
2. HELICOPTERS
   a. Low level HEL OPS are only permitted during the following periods:
   MON-FRI: BTN 0600 (or first light, if later) and 1900 Local (or last light, if earlier).
   SAT-SUN/PH BTN 0900-1800 Local (or last light, if earlier).
   b. Use of HEL training circuit is permitted only during the following periods:
   MON-FRI: BTN 0700-1900 Local (or last light, if earlier).
   SAT: BTN 0800-1800 Local (or last light, if earlier).
   SUN/PH BTN 0900-1800 Local (or last light, if earlier).
   c. All other times Fixed Wing Noise Abatement procedures apply.
   d. Pilots should avoid arriving or departing at low level over populous areas adjacent to the airport.

ADDITIONAL INFORMATION

1. Bird hazard exists
   a. Increased activity during and post rainfall and adverse weather events including Australian white ibis, and ducks.
   b. Species specific NOTAM will be issued during periods of increased activity.
2. During winds with a southerly or northerly direction component, building induced mechanical turbulence may be experienced on final for RWY 11L/29R, 11C and 11R/29L.
3. Model ACFT OPS WI 400M radius of PSN 334436.00S 1510536.00E BRG 013 MAG 12.3NM FM Bankstown AD (YSBK) SFC to 800FT AGL.

CHARTS RELATED TO THE AERODROME

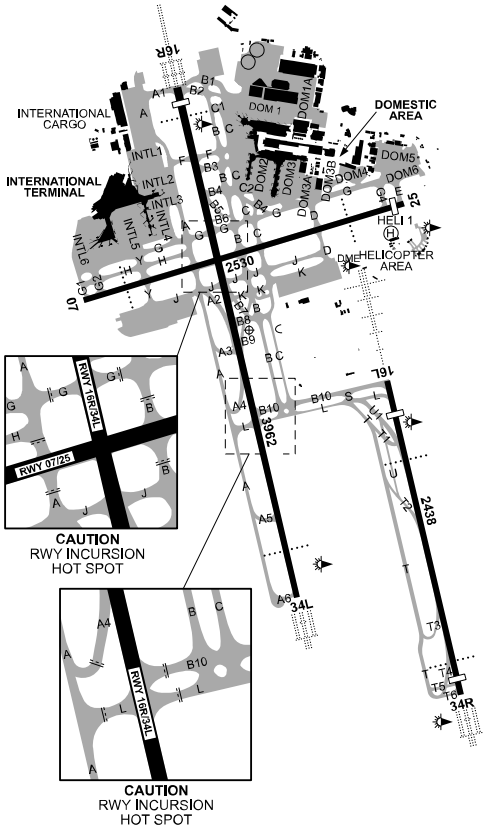
1. WAC 3456.
2. Also refer to AIP Departure and Approach Procedures.

SYDNEY/KINGSFORD SMITH ELEV 21

AVFAX CODE 2001

NSW UTC +10 YSSY
335646S 1511038E VAR 13 DEG E CERT

AD OPR Sydney Airport Corporation Ltd, Locked Bag 5000, Sydney International Airport, NSW, 2020. PH 61 2 9667 9111 (BH). ARO OPS (24HR): Aerodrome Operations Supervisor 02 9667 9824 MOB: 0419 278 208: Email Car2@syd.com.au.
Website: www.sydneyairport.com.au.



REMARKS

1. AD Charges: All ACFT - Phone +61 2 9667 9111 (BH), Email: aeroquery@syd.com.au.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

For information regarding refuellers hours, fuel types available and acceptable payments methods contact the following:
AIR BP – Air Refuel: PH: +61 2 9313 4241 or 0418 619 365, VHF 129.9.
Viva Energy: PH: +61 2 9667 4044 (office), +61 2 9667 1920 or 0418 962 294. 0400-2300 Local.
Execujet: FBO services and VIP Lounge H24. Civil and MIL ACFT. IS-BAH Stage II.
PH +61 2 9693 0888 Email: fbo.yssy@execujet.com.au; VHF: 131.95MHz.
Additional contact details for fuel companies, FBO, catering, ramp and other associated services are available from Sydney's Airport web address:
www.sydneyairport.com.au/corporate/partner-with-us/services

Information may be continued on the next page: PTO

RESCUE AND FIREFIGHTING SERVICES

1. CAT 10.
2. 131.0 MHz AVBL H24. Request via ATC.
3. Water Rescue Service AVBL H24.

AERODROME OBSTACLES

1. RWY 16R GP transmitter building located ADJ the RWY 16R GP antenna infringes the 5 percent plane of RWY 16R/34L flyover area by APRX 2.6FT.
2. Anemometers co-located with each IWDI and obstacle lit where required.
3. Telecommunications TWR 223FT AMSL BRG 263 DEG MAG 2.28NM FM ARP. Unlit.
4. Cargo container trains OPR BTN the following points:
   a. BRG 037 MAG 1.05NM FM ARP and BRG 047 MAG 1.09 FM ARP cause a transient infringement of RWY 25 APCH and RWY 07 takeoff surfaces.
   b. The surfaces are infringed by a maximum of 15FT AGL and the highest point of the containers as they transit is 56FT AMSL.
5. RWY 25 Visual Segment Surface (VSS) penetrated by five trees:
   a. 97FT AMSL BRG 049 MAG 2,083M FM ARP.
   b. 97FT AMSL BRG 047 MAG 2,111M FM ARP.
   c. 97FT AMSL BRG 047 MAG 2,112M FM ARP.
   d. 98FT AMSL BRG 047 MAG 2,118M FM ARP.
   e. 107FT AMSL BRG 047 MAG 2,178M FM ARP.

   Note: Trees remain clear of VSS obstacle clearance surface.
6. For information regarding temporary or other obstacles refer to NOTAM and/or CTC AD OPR.
7. Trees:
   a. 33FT AMSL BRG 095 DEG MAG 1,260M FM ARP.
   b. 35FT AMSL BRG 327 DEG MAG 2,212M FM ARP.
   c. 73FT AMSL PSN 335638.82S 1511117.89E.
   d. 74FT AMSL PSN 335638.09S 1511116.96E.
   e. 69FT AMSL PSN 335637.49S 1511107.01E.
   f. 72FT AMSL PSN 335637.08S 1511115.75E.
   g. 60FT AMSL PSN 335639.85S 1511115.99E.
   h. 56FT AMSL PSN 335639.10S 1511115.13E.
   i. 75FT AMSL PSN 335637.41S 1511116.14E.
8. Low Level Windshear Alerting Service (LLWSAS) equipment 9FT AMSL BRG 317 DEG MAG 693M FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, TAF3 H24, AD WRNG, WS WRNG.
2. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM MWO 02 9296 1526.
3. AWIS PH 02 9353 6450 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

07/25	061	83a	PCR 1430/F/A/X/T Grooved	WID 45	RWS 280
16L/34R	155	80a	PCR 750/F/A/X/T Grooved	WID 45	RWS 280
16R/34L	155	130a	PCR 797/F/A/X/T Grooved	WID 45	RWS 280

1. All RWY have CL markings.
2. RWY 16R/34L and RWY 07/25 RWY shoulders asphalt sealed WID 15M.
3. RWY 16L/34R RWY shoulder asphalt sealed WID 7.5M.
4. TWY are asphalt, concrete or a combination of both.

AERODROME AND APPROACH LIGHTING

RWY 07/25	HIRL		SDBY PWR AVBL
RWY 07/25	PAPI(2)	3.0 DEG64FT	SDBY PWR AVBL
RWY 07	RTIL		SDBY PWR AVBL
RWY 16L/34R	HIRL		SDBY PWR AVBL
RWY 16L/34R	PAPI(2)	3.0 DEG53FT	SDBY PWR AVBL
RWY 16L/34R	RCLL(1)		SDBY PWR AVBL
RWY 16L	HIAL-CAT I		SDBY PWR AVBL
RWY 34R	HIAL-CAT II(3)		SDBY PWR AVBL
RWY 34R	RTZL		SDBY PWR AVBL
RWY 16R/34L	HIAL-CAT II		SDBY PWR AVBL
RWY 16R/34L	HIRL		SDBY PWR AVBL
RWY 16R/34L	MIRL		SDBY PWR AVBL
RWY 16R/34L	PAPI(2)	3.0 DEG64FT	SDBY PWR AVBL
RWY 16R/34L	RCLL(1)		SDBY PWR AVBL
RWY 16R/34L	RTZL		SDBY PWR AVBL

(1) 15M spacing
(2) Both sides
(3) Special Authorisation

1. **ALS type and length**
   a. RWY 16L distance coded CL: 900M layout (951M).
   b. RWY 16R – LED type HIAL ALSF II barrette CL 900M layout (816M).
   c. RWY 34L - HIAL ICAO compliant reduced length, 420M layout (415M length) ALSF II barrette CL array.
   d. RWY 34R - HIAL reduced length of 347M ALSF II barrette CL array.
   e. FM the THR RWY 34R:
      (i) Two side rows of barrettes are provided extending 260.1M.
      (ii) The first side row barrette is located 28.9M.
      (iii) A crossbar is provided at 144.5M that fills the gaps BTN the CL and the side row barrettes.
      (iv) A crossbar is provided at 289M that extends on both sides of the CL barrettes to a distance of 15M FM the CL, the CL barrettes are at longitudinal intervals of 28.9M, with the first CL light 28.9M.
2. RWY edge LGT spacing: 07/25: 57M; 16L/34R: 59M; 16R/34L: 59M.
3. RWY THR LGT: green.
4. RWY end LGT: red.
5. Stop Bar lighting (LED type red with green lead on lights) operating H24 at all RWY/TWY INT.
6. RWY 16L/34R, 16R/34L and 07/25 HIRL, including THR and end lighting are LED type.
7. South west microwave stop bar barrier devices on 1.06M high frangible support posts installed within the obstacle restricted area either side of the following RWY/TWY intersections:
   a. RWY16R/34L,TWY A1, A6, B1, B2, B3, B4, B10, F, G and L.
   b. RWY 07/25, TWY A, B South, C North, D, E, G1, G4 and Y.
   c. RWY 16L/34R, TWY B10, T5 and T6.
8. On RWY 07/25 INT with RWY 16R/34L marked Pattern A RWY HOLD POINT and Stop Bar LGT.
9. The following IWI are in non-standard locations:
   a. Left-hand side of RWY 16R, approximately 220M upwind from the RWY 16R THR.
   b. Right-hand side of RWY 34L, approximately 270M upwind from the RWY 34L THR.
   c. Left-hand side of RWY 25, approximately 310M upwind from the RWY 25 THR.
   d. Left-hand side of RWY 16L, approximately 210M upwind from the RWY 16L THR.
   e. Left-hand side of RWY 34R, approximately 80M downwind from the RWY 34R THR.

Information may be continued on the next page: PTO

10. Wheel clearance over the THR for PAPI all RWY use CASA Manual of Standards special minimum of 6M over the THR. Wheel clearance over all RWY ends is not less than 6M.
11. RWY exit and rapid exit TWY lead off CL lighting ALTN green/yellow until clear of ILS areas. Rapid exit TWY 15M spacing; other TWY exits 7.5M spacing.
12. Heliport:
    a. Helipad H1 circle has white omni-directional lights.
    b. Helipad H1 has omni-directional white final approach lights located 110M FM the centre of helipad H1 on BRG 084DEG, 264DEG and 354DEG.
    c. Green taxiway CL lights are provided at the heliport.
    d. All lights have 3 stages of intensity.
    e. An illuminated WDI is installed to the E of helipad H1.
13. **LIGHTING COLOUR CODING**

13.1. **RWY 07 and RWY 25**

13.1.1. RWY edge lighting - THR to RWY end.
    a. HIRL - white with last 600M yellow.

13.2. **RWY 16R and RWY34L**

13.2.1. Edge lighting THR to RWY end:
    a. MIRL - intensity white.
    b. HIRL - white with last 600M yellow.

13.2.2. Centre line lighting THR to RWY end:
    a. White to 900M FM end, 900M-300M FM end alternating 2 red 2 white, 300M FM end red.

13.3. **RWY 16L and RWY 34R**

13.3.1. Edge lighting THR to RWY end:
    a. HIRL - white with last 600M yellow.

13.3.2. Centre line lighting THR to RWY end:
    a. White to 900M FM end, 900M-300M FM end alternating 2 red 2 white, 300M FM end red.

OTHER LIGHTING

1. Standby PWR switchover time: 1 SEC during LVP: 15 SEC OT.
2. TWY LGT: LED type green CL spaced 30M straight sections, 15M on curved sections. Where RQ yellow intermediate hold point lighting and blue TWY edge and APN edge lights.
3. Runway guard lights (LED type) flashing yellow at all RWY/TWY intersections.
4. Standby PWR generators are alerted when LVP are imminent.
5. LIOL for obstacles on the AD.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	SYDNEY CENTRE		124.55 (14)
ACD	SYDNEY DELIVERY		133.8
APP	BANKSTOWN APPROACH		125.8 (15)
APP	RICHMOND APPROACH		135.9 (16) 363.8
APP	SYDNEY APPROACH NORTH		124.4 (11)
APP	SYDNEY APPROACH SOUTH		128.3 (8)
APP	SYDNEY DIRECTOR E		125.3
APP	SYDNEY DIRECTOR W		126.1
APP	WALTON APPROACH		119.35 (17)
ATIS	SYDNEY ATIS	(2)	118.55
COORD	SYDNEY COORDINATOR		127.6 (19)
DEP	SYDNEY DEPARTURES NORTH		123.0 (5)
DEP	SYDNEY DEPARTURES SOUTH		129.7 (4)
DEP	WALTON DEPARTURES		118.4 (18)
PRM	SYDNEY PRM E		133.95 (9)
PRM	SYDNEY PRM W		119.45 (10)
SMC	SYDNEY GROUND	(3)	121.7 (12) 126.5 (13)
TFC	SYDNEY APPROACH		135.1 (20)
TWR	SYDNEY TOWER		120.5 (6) 124.7 (7)
VOLMET	AUSTRALIA		6676 (1) 11387 (1)

(1) H24, BCST 00 - 05 & 30 - 35. Refer AIP GEN 3.5.
(2) AVBL by phone 02 9556 6566 or 02 9556 6567. MAX BCST 5 MIN.
(3) All ground checks to be carried out on 126.5. Callsign "Sydney Ground" when unable to contact ACD.
(4) Routes S, W & NW
(5) Routes N & E. Low level city coverage unreliable.
(6) RWYs 16R/34L, 07/25
(7) RWYs 16L/34R
(8) BTN 45NM S and 10NM N
(9) RWY 16L/34R
(10) RWY 16R/34L
(11) BTN 45NM N and 10NM S.
(12) E of RWY 16R/34L.
(13) W of RWY 16R/34L.
(14) Class G in the Sydney basin.
(15) BK CTA D and Western Sydney CTA D (excluding BK CTR).
(16) RI CTR ABV 1,500FT.
(17) WS APP CTR ABV 1,500FT outside 20NM SY associated with YSWS airport.
(18) WS DEP CTR ABV 1,500FT outside 20NM SY associated with YSWS airport.
(19) For CDM and related ground OPS.
(20) ALTN for Sydney TMA frequencies as advised by ATC.

PRM FREQ is to be pilot monitored - not for pilot transmission. PRM FREQ not guarded outside HR of PRM OPS.

Information may be continued on the next page: PTO

RADIO NAVIGATION AND LANDING AIDS

GBAS	G07A	CH 22790 (RWY07)	335748.0S	1511105.2E	(11)
GBAS	G16A	CH 21146 (RWY16R)	335748.0S	1511105.2E	(11)
GBAS	G16B	CH 20735 (RWY16L)	335748.0S	1511105.2E	(11)
GBAS	G25A	CH 21557 (RWY25)	335748.0S	1511105.2E	(11)
GBAS	G34A	CH 21968 (RWY34L)	335748.0S	1511105.2E	(11)
GBAS	G34B	CH 22379 (RWY34R)	335748.0S	1511105.2E	(11)
DME	IKN	109.3/ 30X (RWY34R)	335805.8S	1511129.1E	(1)
GP	IKN	332 (RWY34R)	335805.8S	1511129.3E	
ILS	IKN	109.3 (RWY34R)	335651.4S	1511116.1E	(10)
LOC	IKN	109.3 (RWY34R)	335651.4S	1511116.1E	
DME	IKS	109.5/ 32X (RWY16R)	335558.5S	1511015.8E	(12)
GP	IKS	332.6 (RWY16R)	335558.5S	1511016.1E	
ILS	IKS	109.5 (RWY16R)	335801.0S	1511052.8E	(7)
LOC	IKS	109.5 (RWY16R)	335801.0S	1511052.8E	
DME	ISN	110.1/ 38X (RWY34L)	335741.1S	1511053.4E	(6)
GP	ISN	334.4 (RWY34L)	335741.1S	1511053.0E	
ILS	ISN	110.1 (RWY34L)	335539.1S	1511016.0E	(8)
LOC	ISN	110.1 (RWY34L)	335539.1S	1511016.0E	
DME	ISS	110.9/ 46X (RWY16L)	335715.0S	1511127.3E	(2)
GP	ISS	330.8 (RWY16L)	335715.0S	1511127.0E	
ILS	ISS	110.9 (RWY16L)	335824.1S	1511140.2E	(3)
LOC	ISS	110.9 (RWY16L)	335824.1S	1511140.2E	
DME	ISW	109.7/ 34X (RWY25)	335622.9S	1511109.5E	(4)
GP	ISW	333.2 (RWY25)	335622.6S	1511109.4E	
ILS	ISW	109.7 (RWY25)	335638.9S	1510943.0E	
LOC	ISW	109.7 (RWY25)	335638.9S	1510943.0E	
DME	ISY	109.9/ 36X (RWY07)	335638.7S	1511002.8E	(5)
GP	ISY	333.8 (RWY07)	335638.5S	1511002.7E	
ILS	ISY	109.9 (RWY07)	335613.4S	1511131.2E	
LOC	ISY	109.9 (RWY07)	335613.4S	1511131.2E	
DME	SY	112.1/ 58X	335637.6S	1511057.4E	(9)

(1) Antenna ELEV 24FT.
(2) ELEV 31FT
(3) Antenna ELEV 30FT. ILS RWY 16L Performance Classification II/D/3.
(4) Antenna ELEV 34FT.
(5) Antenna ELEV 26FT.
(6) Antenna ELEV 25FT.
(7) ILS RWY 16R Performance Classification II/D/3.
(8) ILS RWY 34L Performance Classification II/D/3.
(9) DME range limited to 90NM. Antenna ELEV 191FT.
(10) ILS RWY 34R Performance Classification II/D/3.
(11) Between 50NM and 23NM from the GBAS site, GLS course deviation information is advisory only. Within 23NM from the GBAS site, GLS course deviation information is approved for the conduct of an Instrument Approach.
(12) Antenna ELEV 22FT.

LOCAL TRAFFIC REGULATIONS

1. All aircraft must provide their parked position/gate number to ATC on acknowledgement of airways clearance.
2. One ENG only permitted to start prior to push back. ACFT with rear mounted ENG 52M wingspan and above not permitted to start on taxilane where a building is located behind ACFT. ACFT permitted to start second ENG at commencement of tow forward or when LCA at tow bar disconnect point.
3. ACFT to use MNM PWR whilst entering and exiting aprons.
4. MD11 type ACFT under PWR not permitted to turn FM TWY C to TWY F or TWY B3 due to jet blast on apron.
5. Intersection DEP RWY 16R/34L FM TWY B3, B4 and B10 restricted to 36M MAX wingspan.

6. Access to corporate aviation apron restricted to 22,000KG MTOW/32M MAX wing span and BLW. ACFT in excess of this are to contact AD OPR prior to arrival for parking arrangements.
7. Pilots of ACFT larger than B737/A320 types to exercise caution at all TWY intersections when taxiing on TWY B between B3 and RWY 07/25 or on TWY A. When ACFT larger than B737/A320 types are holding short of the associated RWY, no ACFT larger than B737/A320 types should taxi behind due to insufficient wingtip clearance.
8. A380-800, A350-1000, B777-300, Antonov AN124, B747-8/F and B777-9 OPR RESTR and specific taxi routes apply. Contact AD OPR on +61 2 9667 9824 for ACFT OPR RESTR document.
9. B777-300/ER and A350-1000 OPR RESTR. RWY 16L/34R is AVBL.
   a. TWY routes:
      (i) Landing RWY 16L vacate onto TWY T6, TWY T, TWY L, right turn onto TWY A.
      (ii) Landing RWY 34R vacate onto TWY L, right turn onto TWY A or vacate onto TWY B10, TWY S, TWY L, right turn onto TWY A.
      (iii) TKOF RWY 16L TWY A, TWY L, TWY S, right turn TWY B10 or continue on TWY L for DEP.
      (iv) TKOF RWY 34R TWY A, TWY L, TWY T, TWY T6.
   b. Additional TWY routes AVBL:
      (i) TWY D.
      (ii) TWY J.
      (iii) TWY K BTN TWY B and TWY D.
      (iv) TWY B BTN TWY G and TWY K.
      (v) TWY C BTN TWY G and TWY K.
10. Pilots of 4 engine ACFT are to exercise caution when applying PWR on outboard ENG whilst taxiing.
11. When ACFT exiting RWY 34L on TWY A2, ACFT northbound on TWY A must hold short of TWY A2 at intermediate holding position marking and ACFT southbound on TWY A must hold short of TWY J or N of RWY 07/25.
12. Compass anomaly for turboprop ACFT on intersection DEP RWY 16R at TWY F East, B-3 and TWY G East.
13. Fixed wing ACFT landing or taking off must confine operations to sealed runways.
14. ACFT turning FM TWY G into TWY G2 use MNM PWR.
15. **TURNING**
   a. TWY A - heading N right turn onto TWY A2, TWY A3, TWY A4,TWY A5 not AVBL.
   b. TWY A2 - No entry FM TWY A or TWY J.
   c. TWY A2 - left turn onto RWY16R/34L not AVBL.
   d. TWY A2, TWY A3, TWYA4, TWY A5 - left turn onto TWY A not AVBL.
   e. TWY B - heading S - right turn onto TWY B2 not AVBL.
   f. TWY B - Turning into TWY B9 not AVBL.
   g. TWY B - Turning west into TWY B3, TWY B4 and TWY B10 restricted to MAX 36M wingspan.
   h. TWY B1 - W end - left turn onto TWY B2 not AVBL.
   i. TWY B2 - W end - right turn onto TWY B1 not AVBL.
   j. TWY B2 - heading E - left turns onto TWYs B and C not AVBL.
   k. TWY B4 - right turn onto TWY G restricted to MAX 36M wingspan.
   l. TWY B4 - heading N - left turn onto TWY C restricted to MAX 36M wingspan.
   m. TWY B5 - right turn onto TWY B6 not AVBL.
   n. TWY B5 - left turn onto RWY 16R/34L not AVBL.
   o. TWY B6 - left turn onto TWY B5 not AVBL.
   p. TWY B7 - left turn onto TWY K not AVBL.
   q. TWY B7 - right turn onto TWY B8 not AVBL.
   r. TWY B7 - turning onto TWY B9 not AVBL.
   s. TWY B8 - Turning into TWY B7 and TWY B9 not AVBL.
   t. TWY B9 - Turning into TWY B7 and TWY B8 not AVBL.
   u. TWY C - heading S - right turn onto TWY B2 not AVBL.

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v. TWY C - heading N - right turn onto TWY B4 restricted to MAX 36M wingspan.
w. TWY DOM2 - heading N - right turn onto TWY B4 not AVBL.
x. TWY DOM2 - left turn onto TWY G restricted to MAX 36M wingspan.
y. TWY G - left turn onto TWY B4 restricted to MAX 36M wingspan.
z. TWY G - right turn onto TWY DOM2 restricted to MAX 36M wingspan.
A. TWY L, TWY T1, TWY T2, TWY T3 and TWY T5 - left turn onto TWY T not AVBL.
B. TWY T - heading N right turn onto TWY L, TWY T1,TWY T2, TWY T3 and TWY T5 not AVBL.
C. TWY T1 - turning onto TWY U not AVBL.
D. TWY T1 - is not AVBL to ACFT exiting RWY 34R.
E. TWY T1 - is not AVBL to ACFT on TWY Tango.
F. TWY T3 and TWY T4 right turn onto RWY 16L/34R not AVBL.
G. TWY T4 - turning onto TWY T5 not AVBL.
H. TWY T4 - left turn onto TWY T6 not AVBL.
I. TWY T5 - turning onto TWY T4 not AVBL.
J. TWY T6 - right turn onto TWY T4 not AVBL.
K. TWY U1 - turning onto TWY U not AVBL.
L. RWY 16R - heading S right turn onto TWY A2 not AVBL.
M. RWY 16L - heading S right turn onto TWY T5 not AVBL.
N. RWY 16L - heading S right turn onto TWY L, TWY T2 and TWY U1 not AVBL except T2 HJ only to non-jet ACFT with 30M MAX wingspan.
O. RWY 34R - left turn onto TWY T4, TWY T5 or TWY T3 not AVBL.
P. RWY 34L - right turn onto TWY B5 not AVBL.

16. **TAXIWAY RESTRICTIONS**

a. TWY B and TWY C BTN TWY K and TWY B10 not AVBL to A380 ACFT due to weight limitations.
b. TWY T1 restricted to 52M MAX wingspan.
c. TWY B5 and B6 not AVBL to ACFT ABV 22,000KG MTOW. MAX tyre pressure 1,400kPa.
d. TWY C BTN TWY B2 and TWY F is restricted to ACFT with MAX 52M wingspan when an ACFT with 65M or greater wingspan operating on TWY B BTN TWY B2 and TWY F.
e. TWY C BTN TWY F and TWY B4 speed restriction MAX 20KTS applies to all ACFT ABV 52M wingspan.
f. TWY C BTN TWY F and TWY B4 restricted to 60.4M MAX wingspan.
g. TWY C2 restricted to MAX 36M wingspan.
h. TWY DOM2 N of TWY B4 restricted to MAX 36M wingspan.
i. TWY DOM3 restricted to MAX 36M wingspan.
j. TWY F west restriction - B747/B767 type ACFT - TWY not AVBL for INT DEP or taxiing east towards RWY 16R/34L. ACFT under tow permitted.
k. TWY K run-up bay RESTR to MAX 23M wingspan.
l. TWY T2, T3, T5, U restricted to ACFT with less than 18M wheel base and MAX 36M wingspan due 15M wide TWY.
m. OPS on DOM 1A at night when VIS is less than 1,200M are not permitted.
n. When an A380 is on TWY B2, TWY B1 restricted to ACFT MAX wingspan 52M.
o. ACFT entering and exiting APN using TWY INTL 1 and INTL 2 are RQ to use MNM PWR.
p. Due to jet blast hazard to OPS on Bays 11 and 12, ACFT with wingspan greater than 52M entering Bays 8, 9, 10, 24 and 25 must not apply breakaway or greater thrust.
q. ACFT with wingspan greater than 52M that have pushed back from Bay 25 and RQ a return to bay will be allocated a new bay and will not be permitted to return to Bay 25.
r. TWY H not AVBL for A380 ACFT when RWY 07/25 in use.
s. TWY H not AVBL during the following:
   (i) RWY 07 arrivals.
   (ii) RWY 25 arrivals when VIS is less than 5,000M or cloud base less than 1,500FT.
t. ACFT travelling westbound on TWY L must not proceed beyond the intermediate holding point short of TWY C until contacting Ground on 121.7 MHz for clearance.
u. TWY K BTN TWY C and TWY D restricted to MAX 36M wingspan.

17. For standard taxiway routes refer to AIP DAP.
18. Simultaneous access to INTL bays 9, 10 and 24 by all ACFT types not permitted.
19. INT DEP RWY 16L FM TWY T1 not AVBL.
20. INT DEP RWY 34R FM TWY T3 not AVBL.
21. DOM1A restricted to MAX 28.5M wingspan. Special PROC apply. OPS WI DOM1A require prior approval CTC Qantaslink movements 134.525.
22. Qantas Bays 64 to 70 use of pilot stop line permitted only when marshaller not AVBL during thunderstorm activity.
23. To prevent jet blast issues on opposite ACFT parking bays where visual docking guidance system or marshaller is not AVBL, ACFT must hold on the taxiway/taxilane until visual docking guidance system or marshaller is AVBL before proceeding onto bay.
24. **U-TURNS ARE <u>NOT</u> PERMITTED AS FOLLOWS:**
    a. RWY 16L/34R all ACFT.
    b. RWY 16R/34L ACFT greater than 36M wingspan.
    c. RWY 07/25 ACFT greater than 36M wingspan.

FLIGHT PROCEDURES

1. **ESTIMATED TRAFFIC DELAYS**

1.1. Estimated airborne traffic delays for ARR ACFT may be expected due to terminal area traffic density and/or single RWY operations:
DLY: 20MIN
EXC 2100-0100 UTC MON-FRI (1HR earlier during HDS), all ACFT that do not meet the requirements for precision RWY monitor (PRM) OPS: 30 MIN.
Note 1: Actual holding times may differ from holding estimates. Historical data on actual holding is available from the NOMC.
Note 2: Outside the hours of daylight saving, FLT SKED BTN 2000-2059 UTC that are earlier than SEMAP arrival fix time - 30 MIN may expect further DLA associated with curfew restrictions.

2. **ATC TRAFFIC MANAGEMENT SPEED**

2.1. When not on a SID or STAR (including vectoring) - ACFT ARR or DEP SY must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.

2.2. At Sydney, a go-around from a visual approach in VMC must be carried out:
    a. in accordance with the GLS or ILS missed approach procedure for the RWY the ACFT is using, or
    b. as directed by ATC.

2.3. Circling APCH PROC to RWY 16L/34R at night is not permitted.

3. **AIR TRAFFIC FLOW MANAGEMENT PROCEDURES**

3.1 **Slot Management Scheme**

Sydney Slot Management Scheme is applicable to all airline and ACFT operators using Sydney Airport. All flights operating into and out of Sydney must obtain an Airport Coordination Limited (ACL) slot in accordance with *AIP ENR 1.9*.

3.2 **Ground Delay Program (GDP) Inbound**

Sydney GDP is run on demand and promulgated by NOTAM BTN 2000-1300 UTC (1HR earlier during HDS). GDP is applicable to all fixed wing, non-priority flights departing from all Australian domestic airports, arriving at Sydney. Flights to Sydney during the operation of GDP must obtain an ACL slot and Calculated Off Blocks Time (COBT) in accordance with *AIP ENR 1.9*. The COBT can be obtained through their company or the National Operations Management Centre on 1800 020 626^.
In addition, flights departing from Bankstown or Camden for a landing in Sydney must contact ATC on 02 9556 6515 prior to starting engines.

3.3. **Tactical Slot Confirmation for Arrivals from YSBK, YSCN, YSHL**

Flights departing from Bankstown, Camden or Shellharbour for a landing in Sydney must contact SY Flow on 02 9556 6515 prior to starting engines.

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3.4. **Airport Collaborative Decision Making (A-CDM)**

Sydney A-CDM is run continuously H24. A-CDM is applicable to all IFR fixed wing non-priority flights departing Sydney, who are required to comply with A-CDM in accordance with procedures outlined in *AIP ENR 1.9*. Compliance with a Target Off Blocks Time (TOBT) is required. All flights departing Sydney Airport are required to submit a TOBT through a local Designated Ground Handling Agent (DGHA) or local Fixed Base Operator (FBO). Further enquires can be made via your company or designated ground handler or Sydney Airport. Contact on +61 2 9667 9921 (option 6).

3.5. **Start and Push Back Procedures**

a. Departing aircraft with ground power must contact Sydney Coordinator FREQ 127.6 MHz ready for pushback or start. Aircraft will be instructed to stand by for Ground on 121.7 MHz or 126.5 MHz once compliant with any applicable ATFM procedures. Do not contact Ground, monitor only. Ground initiate contact and approve pushback or start clearance when able.

b. Departing aircraft without ground power are approved to start at own discretion, advising Sydney Coordinator FREQ 127.6 MHz when start complete. Aircraft for pushback will be instructed to stand by for Ground 121.7 MHz or 126.5 MHz once compliant with any applicable ATFM procedures. Do not contact Ground, monitor only. Ground initiate contact and approve pushback when able. Aircraft for taxi from bay will be instructed to contact Ground for taxi clearance once compliant with any applicable ATFM procedures. Ground will approve pushback or taxi when able.

3.6 **GDP Outbound**

After receiving Airways Clearance, all aircraft subject to GDP are required to report when ready for pushback/taxi on Sydney Coordinator FREQ 127.6 MHz. If required, Sydney Coordinator will check compliance with COBT and apply relevant ATFM procedures. Sydney Coordinator will advise aircraft to monitor Ground on 121.7 MHz or 126.5 MHz as appropriate. Do not contact Ground, monitor only. SMC will initiate contact with the aircraft when able to process.

4. **PRECISION RUNWAY MONITOR (PRM) OPERATIONS**

4.1. When PRM OPS is nominated on the ATIS, pilots must advise ATC prior to 120DME SY (or on first CTC with ATC if departing WI 120DME SY) if unable to participate.

Note 1. Refer to DAP EAST SY PRM User Instructions.

Note 2: During PRM OPS, PRM-capable ACFT will be afforded priority over ACFT that are not PRM capable.

Note 3: A serviceable Mode S transponder is required to participate in PRM operations.

5. **RADIO FAILURE PROCEDURES - INDEPENDENT VISUAL APPROACHES**

5.1 In the event of a radio failure (or blocked FREQ) on the DIRECTOR FREQ, pilots must comply with the following actions:

a. ON PILOT NAVIGATION (IF VISUAL)
SQUAWK 7600 immediately.
Track to intercept final at a MAX 30DEG prior to the IAF of the nominated RWY.
DO NOT PASS THROUGH FINAL FOR THE NOMINATED RWY.

b. ON A RADAR ASSIGNED HEADING
SQUAWK 7600.
Maintain assigned vector for no longer than 2 minutes. Track as required to join final for the nominated RWY at a MAX 30DEG intercept to commence final.
DO NOT PASS THROUGH FINAL OF THE NOMINATED RWY.

5.2 Pilots should attempt to contact the alternate DIRECTOR FREQ (126.1/125.3). Attempts should also be made on the TWR FREQ.

6. **ARRIVAL PROCEDURES**

6.1. By day, ATC may use 2,400M RWY separation between ACFT ARR to RWY 16R/34L. Both ACFT may occupy the RWY during application of the standard.

6.2. ACFT up to and including A330/B787/B772 type may be processed to land on either of the parallel RWY 16L/R or 34L/R.

6.3. ACFT landing RWY 16R RQ approval to vacate to the left on TWY F, B3 and B4.

6.4. ACFT landing RWY 16L/34R are to remain on TWR frequency 124.7 until W of TWY S and then contact Ground frequency 121.7.

6.5. ACFT landing RWY 34R and vacating TWY T2 are to TAX via TWY U and TWY U1 unless otherwise advised.

6.6. ACFT landing RWY 07/25 RQ approval to vacate on TWY C.

6.7. All ARR ACFT are required to advise PRKG bay on first contact with SY GND.

7. **DEPARTURES**

7.1. Departures shall normally be cleared in the order in which they are ready for takeoff, except that deviations may be made from this order to facilitate the maximum number of departures with the least average delay.

a. Intersection DEP by jet ACFT on RWY 34L are NOT PERMITTED, except for medical priority flights. In the event TWY A6 is not available for DEP due TWY or RWY availability, TWY A5 may be used for jet ACFT DEP on RWY 34L.
b. RWY 16R for DEP to S, W and NW, and DEP FM the INTL terminal.
c. RWY 16L for DEP to N and E.
d. RWY 34L for DEP to the W, NW and non-jets to the S, and DEP FM the INTL terminal.
e. RWY 34R for DEP to the N and jets to the S.

Note 1: ACFT which operationally require to use RWY 16R/34L or RWY 07/25 must notify ATC at Clearance Delivery Stage.

Note 2: DEP ACFT up to and including A330/B787/B772 type may request or be offered DEP from RWY 16L/34R at Clearance Delivery Stage.

Note 3: JET DEP to South may be assigned RWY 16L for traffic management purposes.

8. GROUND CONTROL

8.1 Unless directed otherwise by ATC, the following taxiway routes apply:
TWY B - northbound
TWY C - southbound
TWY B10 - eastbound between TWY C and RWY 16L/34R
TWY L - westbound between RWY 16L/34R and TWY B

8.2 **Tug Operations**

All tugs requesting clearance for pushback and/or tow, must make initial contact with Sydney Coordinator on 127.6 MHz.
Sydney Coordinator will advise the tug to stand by for Ground on 121.7 MHz or 126.5 MHz as appropriate.
Do not contact Ground, monitor only.
SMC will initiate contact with the tug when able to process their operation.

8.3 **Repositioning Aircraft**

All aircraft requesting repositioning must make initial contact with the Sydney Coordinator on 127.6 MHz.
Sydney Coordinator will advise the repositioning aircraft to stand by for Ground on 121.7 MHz or 126.5 MHz as appropriate.
Do not contact Ground, monitor only.
SMC will initiate contact with the repositioning aircraft when able to process their operation.

8.4 **Engine Runs**

All aircraft requiring engine runs must make initial contact with the Sydney Coordinator on 127.6 MHz, and advise the relevant engine run approval number (Refer *Additional Information Note 5*).
Sydney Coordinator will advise the aircraft to stand by for Ground on 121.7 MHz or 126.5 MHz as appropriate.
Do not contact Ground, monitor only.
SMC will initiate contact with the aircraft when able to process the engine run.

9. **LOW VISIBILITY**

9.1 **Operations**

9.1.1 For CASA approved operators, RWY 16R/34L and 16L/34R are capable of supporting takeoffs with an RVR of not less than 125M.

9.1.2 For CASA approved operators, RWY 07/25 is capable of supporting takeoffs with an RVR of not less than 350M.

9.2. **Procedures**

9.2.1 Preparations for the activation of Low Visibility Procedures (LVP) are commenced when visibility has reduced to 2,000M. This ensures that the LVP are in force at or just prior to the visibility reducing to 800M.

9.2.2 When visibility reduces to 2,000M or below and/or observed cloud base is BKN or OVC at or below 600FT, ATC will protect the ILS by using the CAT I/II RHP at TWY A and CAT I RHP at TWY T.

9.2.3 All aircraft required to depart from the full length of the assigned runway.

9.2.4 Aircraft under tow during LVP require SYD Safety Vehicle escort. Contact Car 2 on 02 9667 9824 to request Safety Vehicle attendance.

9.2.5 Any pilot unsure of their position whilst operating on the Manoeuvring Area must Hold Position (STOP) and immediately advise ATC.

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9.2.6 Radio failure - Aircraft must hold position and await further guidance from a Follow Me vehicle.
9.2.7 Instrument RVR provided at touchdown zone, midpoint zone and end zone for each RWY.
9.2.8 ATC uses Advanced Surface Movement Guidance Control System (A-SMGCS) to monitor ACFT and vehicles on the Manoeuvring Area.
9.2.9 If A-SMGCS is Unserviceable during LVP:
a. ATC will further restrict aircraft and vehicles access to and movements on the Manoeuvring Area.
b. Position reporting procedures will be implemented as required by ATC.
9.2.10 **A380 ACFT during Low Visibility**
a. During LVP the following TWY RESTR apply to A380 ACFT:
(i) A380 ACFT to DEP FM TWY A1 and A6 when OPR RWY 16R/34L.
(ii) TWY F not AVBL for INT DEP.
(iii) A380 ACFT under TOW not permitted to cross RWY 16R/34L.
b. Additional RESTR apply to A380 ACFT during LVP as the critical and sensitive areas are obstructed by A380 ACFT tail when holding at RWY hold points. For INFO on the RESTR, CTC AD OPR H24 on +61 2 9667 9824 for ACFT OPR RESTR DOC.
c. Refer to *AIP DAP* for Aerodrome Ground Movement Chart.

10. **AIRWORK IN THE SYDNEY TERMINAL AREA**

10.1 Pilots intending to conduct airwork within 45NM of YSSY must obtain approval from Sydney ATC, PH 02 9556 6853^. Survey or airwork maps should be submitted at least 30MIN prior to making contact. Survey flights are subject to TFC and ATC workload. Operational restrictions can be expected, including possible delays.
10.2 Helicopter banner towing is not permitted to or from the aerodrome.
10.3 Flight notification acceptance by radio is subject to ATS workload. VFR operations in Sydney Class C airspace must flight plan prior to departure. Failure to do so may result in lengthy delays.

11. **TRAINING FLIGHTS**

11.1 Training is not permitted at SY except as set out in the following paragraphs.
11.2 At any time, ARR Scheduled ACFT may be permitted to carry out a PILS or LOC APCH at the conclusion of each leg of flights to SY, provided that:
a. the pilot in command has stated that the APCH is RQ for licence renewal purposes; or
b. the ACFT lands straight ahead and does not use a RWY other than the RWY currently in use, merely for the purpose of carrying out the practice.
11.3 All training is at the discretion of ATC as TFC and workload permit.
11.4 ILS training is also AVBL at RI. See separate entry for conditions.
11.5 Flying Operations Inspector test and check flights are permitted on any of the aids in the SY Terminal Area, subject to appropriate warning and ATC TFC handling capacity.
11.6 No helicopter training is permitted to or from the heliport.
11.7 Airline companies may carry out ACFT checking and testing flights, other than under asymmetric COND, but these will be limited to 2 circuits by any company in one day.
11.8 MIL ACFT on PILS or LOC APCH must intercept the LOC at or ABV 3,000FT.

12. **LOW LEVEL POLICE HELICOPTER OPERATIONS**

12.1 Random low level police HEL OPS will occur in Sydney Class C Airspace.
12.2 HEL will operate outside an exclusion area based on each RWY THR at SY and not ABV 700FT.
12.3 Mutual traffic information will not be passed BTN police HEL and fixed wing ACFT arriving and departing SY unless ATC considers TFC information is REQ.
12.4 TFC information will be passed to police HEL about AD HOC OPS and other HEL in SY Class C Airspace.
12.5 Police HEL will be responsible for sighting and avoiding TFC or moving away FM the area of conflict.

13. **HELICOPTER GROUND OPERATIONS**

13.1 Operating procedures helicopter facility:
a. Helipad H1 restricted to 16.4M rotor diameter and BLW.
b. Helipad H2 and company parking pads restricted to 14.7M rotor diameter and BLW.
c. HEL with rotor diameter greater than 14.7M will require special parking position. HEL OPR to contact AD OPR for parking position. Minimum 24HR notice.

d. ATC are required to apply wake turbulence separation standards between simultaneous operations on RWY 07/25 and helipad H1.
e. When parked, no part of a helicopter shall be within 3M of a marked roadway.
f. Helicopter PRKG on paved areas is restricted to marked PRKG positions only.

13.2 **HJ Operations**

13.3 HEL shall arrive and depart H1 as directed by ATC. If H1 is unsuitable for safety reasons, or due to extended occupancy of H1, HEL with MAX rotor diameter of 14.7M may use H2 or company parking positions subject to the following requirements:

a. **INBOUND.** Pilots should advise SY TWR (FREQ 120.5 or 124.7) of their intended landing position (if not H1) prior to descent.
b. **OUTBOUND.** Pilots should advise current parking position and intended departure position (if different) on first contact with Sydney Tower (FREQ 120.5 or 124.7). Movements to and from company parking positions shall be conducted only by pilots employed by or otherwise operating under the OPS manual of a helicopter organisation based at Sydney Airport and who are experienced in such operations. HEL to remain on TWR (AD CTL) FREQ when DEP SY until instructed to call on a discrete FREQ.

13.4 **HN Operations**

a. **INBOUND** HEL required to use H1 and TAX to parking position via H2. For final approach omni directional LGT located 110M FM centre H1 on bearing 062 DEG MAG, 242 DEG MAG, 152 DEG MAG.
b. **OUTBOUND** HEL required to TAX via H2 for DEP FM H1.

13.4.1 TWY for air taxiing HEL FM H1 to RWY 07/25 AVBL H24.

13.4.2 Access to corporate aviation apron as approved by AD OPR, restricted to wheeled HEL and BLW 14.7M rotor diameter. Ground taxiing via the 30M MAX wing span TWY DOM5.

13.4.3 Parking Facilities

H3 - Public. AVBL for short term PRKG - MAX 2HR limit.
H4/H5/H6/H7/H8/H9/H10 - Leased.
Due to security restrictions, access to and from area must be arranged with local FBO.

13.4.4 No helicopter OPS permitted near INTL or DOM terminals or on INTL or DOM aprons.

14. **HELICOPTER ROUTE OPERATIONS**

General

14.1 Procedures are promulgated using coded designators and clearances for routes regularly flown by HEL operating in SY terminal airspace. The route coded clearances and operating requirements are as identified hereunder:

14.2 HEL routes are to be considered as access lanes for the purpose of *CASR 91.265(4)(g)* and *91.267(3)(j)*.

14.3 **Coded Clearances**

14.4 The routes have been given geographical designators and a direction which must be used in all radio communication. Clearance via a specific route authorises a pilot to fly the route at the altitudes specified.

14.5 The clearances are used for flights both inbound to and outbound FM SY Airport, or within designated geographical areas within the Control Zone.

Note 1: The clearance contains route and altitude instructions. If landing at SY Airport, a frequency transfer and clearance limit are specified.
Note 2: If the instruction "MAINTAIN..." is included in the clearance, the descent clearance included within the designated clearance is cancelled.
Note 3: ATC may amend the altitudes specified.

14.6 **Coded Route Clearances and Operating Requirements**

BONDI 5 - SOUTHBOUND

At ALT not above 1,000FT TR from Sydney Heads E of the coast to Ben Buckler (northern headland of Bondi Beach); descend to 500FT by Ben Buckler; thence TR E of the coast to Long Bay headland (southern headland of Maroubra Beach); ALT 500FT. If intending to land at SY Airport contact SY Tower 124.7 approaching Maroubra Beach.

BONDI 5 - NORTHBOUND

TR E of the coast from Long Bay headland (southern headland of Maroubra Beach) to Ben Buckler (northern headland of Bondi Beach); ALT 500FT; thence climb to not above 1,000FT and remain E of the coast to Sydney Heads.

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Special Procedures for Use With BONDI 5

The following should be noted in relation to BONDI 5:

A. The route is designated principally for single engine HEL. Delays may occur when RWY 07 is in use for DEP, or RWY 25 for ARR at YSSY Airport; and

B. The route is not AVBL in either direction when RWY 16 PRM approaches are being conducted at YSSY Airport; and

C. In addition to the ATC FREQ, pilots should maintain a listening watch on 120.8 for information on traffic operating on route VICTOR ONE (V1).

ROSEHILL 5 - INBOUND

TR FM Rosehill Racecourse to Rookwood Cemetery, then via the Cooks River and Canterbury Racecourse to the Novotel (Sydney International Airport) Hotel; ALT 1,000FT. At Canterbury Racecourse descend to 500FT.

Clearance Limit: Novotel (Sydney International Airport) Hotel.

Contact TWR 120.5 at Canterbury Racecourse.

ROSEHILL 5 - OUTBOUND

TR via the Novotel (Sydney International Airport) Hotel and the Cooks River to Rookwood Cemetery, then direct to Rosehill Racecourse; ALT 1,000FT. FREQ change at Rookwood Cemetery approved, control service terminated at Rookwood Cemetery.

HARBOUR BRIDGE 5 - INBOUND (for arrival from R407B)

TR South Pylon of the Harbour Bridge to Darling Harbour thence Central Railway thence via the railway line to Redfern Railway Station, thence via Erskineville Oval; ALT 1,000FT; thence DCT to The Stamford on descent to 500FT.

Clearance Limit: The Stamford.

Contact TWR 124.7 at Erskineville Oval.

HARBOUR BRIDGE 5 - OUTBOUND (for entry to R407B)

TR via The Stamford to Erskineville Oval thence via Redfern Railway Station and the railway line to Central Railway thence DCT to Darling Harbour thence over water to South Pylon of the Harbour Bridge to enter R407B; ALT 1,000FT. FREQ change at Central Railway approved, control service terminated at Central Railway.

BARRACKS 5 - INBOUND

TR FM Rushcutters Bay to Victoria Barracks; ALT 1,000FT; then via the SCG to Moore Park Supa Centre (corner Dacey Avenue and South Dowling Street), thence E of South Dowling Street and Southern Cross Drive via Gardeners Road thence Wentworth Avenue overpasses on descent to 500FT.

Clearance Limit: Road junction overpass at the intersection of Southern Cross Drive and Wentworth Avenue.

Contact TWR 124.7 at the SCG.

BARRACKS 5 - OUTBOUND

TR E of Southern Cross Drive and South Dowling Street to the Moore Park Supa Centre (corner Dacey Avenue and South Dowling Street); ALT 1,000FT, thence via Victoria Barracks to Rushcutters Bay. FREQ change at Rushcutters Bay approved, control service terminated at Rushcutters Bay.

MAROUBRA 5 - INBOUND

TR FM Maroubra Beach via Fitzgerald Avenue to Bunnerong Road (Heffron Park) to East Gardens Shopping Centre; ALT 1,000FT (climb over water), thence N of Wentworth Avenue to the intersection with Southern Cross Drive on descent to 500FT.

Clearance Limit: Road junction overpass at the intersection of Wentworth Avenue and Southern Cross Drive.

Contact TWR 124.7 at Heffron Park.

MAROUBRA 5 - OUTBOUND

TR via Southern Cross Drive and N of Wentworth Avenue to East Gardens Shopping Centre; ALT 1,000FT, thence via Fitzgerald Avenue to Maroubra Beach. E of the coast descend to 500FT. FREQ change at Maroubra Beach approved if entering V1, control service terminated at Maroubra Beach if entering V1.

CAPE BANKS 5 - INBOUND

TR FM Cape Banks, thence via the eastern shore of Botany Bay to the Port Botany Container Terminal; ALT 500FT.

Clearance Limit: Container Terminal.

CAPE BANKS 5 - OUTBOUND

TR via the road junction overpass at the intersection of General Holmes Drive and Foreshore Road, thence via the Mill Stream and the eastern shore of Botany Bay to Cape Banks; ALT 500FT. FREQ change at Cape Banks approved, control service terminated at Cape Banks.

WANDA 5 - INBOUND

TR FM Wanda Beach, thence DCT to Towra Point to Dolls Point, thence via the W shore of Botany Bay to ABM the Brighton Novotel, remaining over water; ALT 500FT.
Clearance Limit: The Brighton Novotel.

WANDA 5 - OUTBOUND

TR via the western shore of Botany Bay to Dolls Point, remaining over water at all times, thence Towra Point to Wanda Beach; ALT 500FT. FREQ change at Wanda Beach approved, control service terminated at Wanda Beach.

15. **HELICOPTER INBOUND/OUTBOUND PROCEDURES**

15.1 The procedures promulgated in *AIP ENR 1.1* for OPS within HEL access corridors apply.

15.2 **Inbound to Sydney Airport:**

a. Contact ATC approximately five (5) minutes before the prescribed entry gate and advise intentions, e.g. “HOTEL ECHO LIMA, REQUEST ROSEHILL 5 INBOUND”; and

b. For the following designated routes, pilots must contact SYDNEY CENTRE 124.55:
BONDI 5 - SOUTH or NORTHBOUND
ROSEHILL 5 - INBOUND
HARBOUR BRIDGE 5 - INBOUND
BARRACKS 5 - INBOUND
MAROUBRA 5 - INBOUND

Note 1: SYDNEY CENTRE will direct the pilot to call the appropriate APP or DEP frequency for clearance.

Note 2: Contact TWR at the frequency transfer point, unless advised otherwise.

c. For CAPE BANKS 5 INBOUND, pilots must contact TWR 124.7 for airways clearance.

d. For WANDA 5 INBOUND, pilots must contact TWR 120.5 for airways clearance.

15.3 **Outbound FM Sydney Airport:**

Contact Sydney Delivery 133.8, advise intentions and request clearance for designated routes:
ROSEHILL 5 - OUTBOUND
HARBOUR BRIDGE 5 - OUTBOUND
BARRACKS 5 - OUTBOUND
MAROUBRA 5 - OUTBOUND
CAPE BANKS 5 - OUTBOUND
WANDA 5 - OUTBOUND

Note: Receipt of this clearance does not constitute a takeoff clearance.

If DEP FM Airport Heliport, contact TWR 120.5 for takeoff clearance for:
ROSEHILL 5 - OUTBOUND
WANDA 5 - OUTBOUND
or contact TWR 124.7 for takeoff clearance for:
HARBOUR BRIDGE 5 - OUTBOUND
BARRACKS 5 - OUTBOUND
MAROUBRA 5 - OUTBOUND
CAPE BANKS 5 - OUTBOUND.

Note: FM elsewhere on the airport contact SYDNEY GND 121.7.

15.4 **Terminal Airspace Sectors for Helicopter Operations:**

a. To reduce FREQ congestion, the following six commonly used geographically defined areas are designated with lateral and vertical limits:

(i) The CITY EAST SECTOR defined as the area bounded by Rushcutters Bay, Sydney Cricket Ground, Southern pylon Sydney Harbour Bridge, Fort Denison, Clark Island, Rushcutters Bay. ALT - not ABV 2,000FT.

Note: “CITY EAST SECTOR” means that the ACFT is cleared to operate within the lateral boundaries of the CITY EAST Sector, not ABV 2,000FT, in compliance with CASR 91.265(4)(g) and 91.267(3)(j).

(ii) The CBD Sector: defined as the area bounded by Rushcutters Bay, Sydney Cricket Ground, Cleveland Street, Regent Street, George Street, Southern pylon Sydney Harbour Bridge, Fort Denison, Clarke Island, Rushcutters Bay. ALT -not ABV 2,000FT.

Note: “CLEARED CBD SECTOR” means that the ACFT is cleared to operate (and leave and re-enter CTA) within the boundaries of the CBD Sector, not ABV 2,000FT, in compliance with CASR 91.265(4)(g) and 91.267(3)(j).

(iii) The NORTH HARBOUR Sector: defined as the area NE of a line Roseville Bridge, Sydney Harbour Bridge North Pylon then via the northern shore of Sydney Harbour to Middle Head then Manly, coincident with R407B. ALT - not ABV 1,500FT.

Information may be continued on the next page: PTO

Note: "CLEARED NORTH HARBOUR SECTOR" means that the ACFT is cleared to operate within the lateral boundaries of the NORTH HARBOUR Sector, not ABV 1,500FT, in compliance with CASR 91.265(4)(g) and 91.267(3)(j).

(iv) The NORTHERN BEACHES Sector: defined as the area east of a line Spit Bridge, Sydney Harbour Bridge North Pylon then via the northern shores of Sydney Harbour to Middle Head then Manly coincident with R407B. ALT - not ABV 1,500FT.

Note: "CLEARED NORTHERN BEACHES SECTOR" means that the ACFT is cleared to operate (and leave and re-enter CTA) within the lateral boundaries of the NORTHERN BEACHES Sector, not ABV 1,500FT, in compliance with CASR 91.265(4)(g) and 91.267(3)(j).

(v) The SOUTH HARBOUR Sector: defined as the area bounded by lines joining Sydney Harbour Bridge North Pylon, Sydney Harbour Bridge South Pylon, then via the southern shoreline of Sydney Harbour to South Head then Manly to Middle Head, then via the northern shoreline of Sydney Harbour to Sydney Harbour Bridge North Pylon. ALT - not ABV 1,500FT.

Note: "CLEARED SOUTH HARBOUR SECTOR" means that the ACFT is cleared to operate within the lateral boundaries of the SOUTH HARBOUR Sector, not ABV 1,500FT, in compliance with CASR 91.265(4)(g) and 91.267(3)(j).

b. HEL (to/FM SY Airport or overfly SY Airport) not cleared via 'coded' routes will normally be cleared as follows:

15.5 When RWY 16 or RWY 34 are in use:

a. via East Lakes Golf Course FM the NE or SE quadrant; or
b. via St George Hospital FM NW or SW quadrant;

15.6 When RWY 07 or RWY 25 are in use:

a. via SCG in the NE quadrant; or
b. via BBH in the SE quadrant; or
c. via CBY in the NW quadrant; or
d. via GRB in the SW quadrant.

16. **OPS IN R407 A AND B (Refer associated diagram)**

GENERAL

16.1 R407 is established for use by SEAPLANES and HEL with MTOW not above 2,500KG; or have been shown by tests of a standard acceptable to the CASA/Airservices Australia, to not exceed the noise limits specified in:

a. (for HEL) ICAO Annex 16 Volume 1 Chapter 8 for a HEL of 2,500KG MTOW, or Chapter 11; or
b. (for SEAPLANES) ICAO Annex 16 Volume I Chapter 6 or Chapter 10.

16.2 The *CASR Part 91, 133* and *138* minimum height rules apply to all operations in R407.

16.3 Operations are restricted to VMC by day. Unless specifically authorised by CASA, HEL operations at night are permitted only by AOC, *Part 141* certificate or aerial work certificate holders conducting NVIS operations in accordance with the relevant rules in *CASR Part 91, 133* or *138*.

16.4 SSR PROCEDURES. All ACFT operating in R407 are to squawk CODE 1200.

16.5 HEL LANES. HEL transit and access lanes are established within R407 A and B details of which are provided BLW. Except as authorised by CASA, OPS by HEL WI R407 A and B must be confined to the HEL lanes, and SEAPLANES must be confined to transit lanes, for other than climb and descent to landing sites immediately adjacent to the lanes.

16.6 MIL HEL ABV 2,500KG MTOW may transit R407B E of Fort Denison over water, not ABV 1,000FT on QNH, for access to MIL establishments WI R407.

16.7 SEAPLANES may operate in R407 A and B as follows:

a. over water at all times;
b. WI R407A not above 500FT on SY QNH;
c. WI R407B not above 1,000FT on SY QNH;
d. no OPS beneath the Sydney Harbour Bridge or Gladesville Bridge except as authorised by CASA and the Sydney Harbourmaster.

16.8 BROADCAST intentions entering and leaving R407 on FREQ 120.8 MHz. This FREQ is not monitored by Airservices Australia.

16.9. Entry into R407B from the east, and departure from R407B to the east, must be made over water via Sydney Heads. Transit from Victor 1 overland into R407B is not permitted.

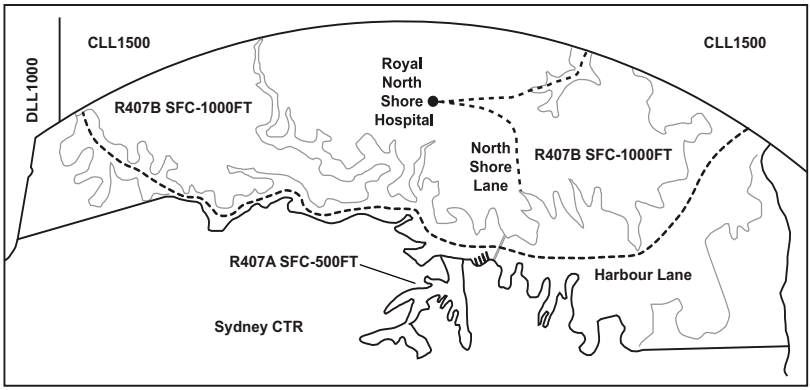
17. **HEL TRANSIT AND ACCESS LANE PROCEDURES (Refer associated diagram)**

17.1. GENERAL REQUIREMENTS

a. Access and transit lane operations shall be conducted at 1,000FT on SY QNH.
b. Pilots are to keep to the right when flying along a HEL lane.
c. Pilots unfamiliar with the HEL lanes and PROC shall obtain a briefing FM a local HELOPR or Flying School.
d. HEL transit lanes are to be considered as access lanes for the purpose of *CASR 91.265(4)(g)* and *91.267(3)(j).(3A).*

17.2. HARBOUR LANE

a. Tracking East
   (i) Track Parramatta River FM Silverwater to Ryde Road Bridge, Gladesville Bridge, the southern pylon of Sydney Harbour Bridge, ABM Bradley's Head, ABM Middle Head, Sydney Heads.
b. Tracking West
   (i) Track Sydney Heads, ABM Middle Head, ABM Bradley's Head, the northern pylon of Sydney Harbour Bridge, Gladesville Bridge, Ryde Road Bridge and Silverwater via the Parramatta River.



18. **HELICOPTER ACCESS LANES**

18.1. NORTH SHORE LANE

a. An access lane for the HLS near the Royal North Shore Hospital is shown on the diagram ABV.

19. **VFR COASTAL ROUTE VICTOR 1**

19.1 **General**

Transit of the Sydney area is available via a VFR Coastal Route within the Class G airspace east of the Sydney Control Zone and Control Area. The route comprises **Victor 1 NORTH** and **Victor 1 SOUTH** which are differentiated by the lower limits of the overlying Class C airspace and by their tracking requirements.

a. The Coastal Route is depicted on the SY VTC and Sydney General Flying Guide (SY GFG) and may be flown in either direction. Operations are restricted to VMC by day only.
b. Pilots are required to use SY Local QNH, available on the SY ATIS. If transponder equipped, squawk code 1200 with ALT.
c. The carriage and use of radio is mandatory.
d. Operations in the Coastal Route share a common VHF broadcast frequency (120.8 MHz) with helicopter and floatplane operations in R407A and R407B over Sydney Harbour.
e. Pilots should broadcast joining the Coastal Route, stating position and intentions. Pilots of opposite direction aircraft should respond with position and intentions. Landing lights and strobes should be activated and pilots should be alert for opposite direction traffic. If possible, keep opposite direction traffic to your left.

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f. Broadcast frequency 120.8 MHz is not monitored by SY ATC. In the event of an emergency, pilots are advised to call Sydney Centre on 124.55 MHz, or to make an emergency broadcast on 121.5 MHz. This frequency is usually monitored by domestic and international transport aircraft.
g. All occupants of single-engine aircraft must wear approved life jackets for the duration of the overwater portions of the Coastal Route.
h. High speed military aircraft are requested to remain clear of the Coastal Route.

19.2 **Procedures for Operations in Victor 1 South**

a. **Victor 1 SOUTH** extends East of the coast between the South Head of Sydney Harbour and Jibbon Point (the southern Headland of Port Hacking) and includes three coastal HLS at Wanda Beach, Cape Baily and Cape Banks. Pilots are required to maintain an altitude of exactly 500FT on Sydney Local QNH when operating in this airspace.
b. The requirement in **Victor 1 SOUTH** is to contain your aircraft in Class G airspace and clear of the SY CTR.
c. To avoid the SY CTR you must NOT Coastal Fly the Sydney southern beaches between Ben Buckler (the northern headland of Bondi Beach) and Long Bay headland (the southern headland of Maroubra Beach), and fly east of a straight line between the eastern most point of Cape Banks and the lighthouse on Cape Solander (the north and south heads of Botany Bay).
d. The term 'Coastal Flying' refers to the practice of flying close to the beach and following the contours of the coastline. This practice is NOT permitted when flying in **Victor 1 SOUTH** between Ben Buckler and Cape Solander.
e. Some helicopters and beach patrol aeroplanes may have been cleared to coastal fly between Bondi and Maroubra and may not continuously monitor 120.8 MHz.
f. The CTA lower limit south of Jibbon Point and east of the coast is 1,000FT. North of Jibbon Point the lower limit of the CTA is 500FT.

19.3 **Wake Turbulence Risk in Victor 1 South**

a. Runway information is available on the SY ATIS and will assist pilots to anticipate aircraft overflying **Victor 1 SOUTH** to or from Sydney Airport and to determine the wake turbulence risk.
b. The wake turbulence standard of 1,000FT vertical separation from heavy aircraft may not always be achievable when flying in **Victor 1 SOUTH**.
c. Under normal circumstances, aircraft arriving and departing Sydney airport will be at least 500FT higher than the CTA step (500FT higher than traffic on **Victor 1 SOUTH**). However, there is always the possibility of an aircraft departing Sydney airport experiencing impaired performance and, under these circumstances, the 500FT vertical separation design buffer might be infringed. Pilots flying in **Victor 1 SOUTH** should be aware of the possibility of this occurrence, and of the requirement to see and avoid all other aircraft.
d. Because of the unpredictable nature of wake turbulence, pilots must remain vigilant of the proximity of a heavy aircraft, and on becoming aware of the presence of such an aircraft, adjust their flight path to remain well clear of the affected airspace.
e. The recommended wake turbulence separation standard behind and below a medium or heavy aircraft is 6NM or 3 minutes.

19.4 **Procedures for Operations in Victor 1 North**

a. **Victor 1 NORTH** extends east of the coast between Dee Why (12DME SY) and the South Head of Sydney Harbour and has a maximum altitude of 1,000FT on SY Local QNH.
b. All operations in **Victor 1 NORTH** must be conducted between 500FT and 1,000FT.
c. Operations in **Victor 1 NORTH** below 1,000FT must remain over water at all times.
d. South Head is the northern limit of **Victor 1 SOUTH** and pilots should ensure that their aircraft remains clear of Class C airspace when transiting from **Victor 1 NORTH** to **Victor 1 SOUTH**.
e. Ensure that you reach 500FT before passing South Head southbound.

20. **SIGHTSEEING FLIGHTS OVER SYDNEY HARBOUR**

20.1 **Harbour Scenic Flights**

a. The airspace above Sydney Harbour is Class C and availability of an airways clearance to enter it will depend on traffic levels, controller workload and VMC.

b. You must submit flight notification before your flight and you may be cleared for the scenic flight route, Harbour Scenic as described below.
c. The routes is flown at an altitude of 1,500FT on Sydney Airport Local QNH, which is available on the SY ATIS.

20.2 **Airways Clearance Requests**

a. Track via Class G airspace to Long Reef. Contact Sydney Centre prior to reaching Long Reef and request a 'Harbour Scenic'.
b. You must remain in Class G airspace until in receipt of a clearance, which will be in the form, 'Cleared Harbour Scenic'.

20.3 **Coded Clearances**

a. A 'Harbour Scenic' clearance authorises you to fly the nominated route at 1,500FT.
b. Your read back of 'Cleared Harbour Scenic' acknowledges that you will track via the nominated route and maintain 1,500FT.

20.4 **Harbour Scenic**

a. At 1,500FT AMSL, track Long Reef direct to the Harbour Bridge.
b. Remain east of the Harbour Bridge and commence a left turn, remaining North of the Opera House.
c. Conduct 2 left orbits, remaining east of the Harbour Bridge, north of the Opera House and west of Garden Island.
d. On completion of the second orbit track to North Head. Report at North Head.

20.5 **Entry into Victor 1 South Following a Harbour Scenic**

a. Request descent into **Victor 1 SOUTH** approaching Manly Beach.
b. Subject to traffic, and when established east of the coast, you may be cleared to leave the control area on descent.
c. Report to ATC leaving 1,500FT then broadcast position and intentions on 120.8 MHz. In aircraft with a single radio you will need approval to leave the ATC frequency to make this broadcast.
d. You must reach 500FT before passing South Head southbound.
e. Report to ATC when established at 500FT in **Victor 1 SOUTH**.

20.6 **Additional Information**

Expanded details and a diagrammatic representation of these procedures are provided on the Sydney General Flying Guide.

NOISE ABATEMENT PROCEDURES

Noise Abatement Procedures (NAP) and Curfew applies. Refer AIP DAP.

ADDITIONAL INFORMATION

1. SECURITY REQUIREMENTS - All fixed wing and HEL crew operating at SY, must hold either Australian or SYD Aviation Security Identity Card (ASIC). Operations must be facilitated through a SY based Fixed Base Operator (FBO) or ground handler to be met on arrival or departure to be escorted to and from the ACFT. Contact details for FBO and Ground Handling Services are available from Sydney Airport Web site: https://www.sydneyairport.com.au/corporate/partner-with-us/services.
2. Animal hazard exists. Increased numbers of the following species are expected during the specified periods: Grey headed flying fox exist after last LGT and numbers can be high DEC-JUN. Peak activity APR-JUN. Australian white ibis numbers can be high JUN-NOV with flocks transiting across RWY 16R/34L BTN TWY B8 and TWY L. Silver gull numbers will be high during periods of rain with flocks transiting across runways in any direction.
3. ACFT carrying dangerous goods Class 1 explosives excluding 1.4 and 1.6 require prior approval from AD OPR. Minimum 48HR notice. Phone 61 2 9693 3290.
4. ACFT carrying livestock require prior approval FM AD OPR. Minimum 24HR notice. Phone 61 2 9667 9921.
5. All ACFT, unless associated with the NORMAL preparation for flight, are not permitted to conduct engine runs, including idle power, without prior authorisation from AD OPR, Phone 61 2 9667 9824 or 0419 278 208.
6. Caution: due to the nature of OPS at YSSY, possible wake turbulence may exist when the wind is from the W to NW at 5KT or greater, during parallel RWY 34 OPS.
7. Weather balloon launch APRX 0545 Local FM 80M W ARP. Launches may occur at other times.

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CHARTS RELATED TO THE AERODROME

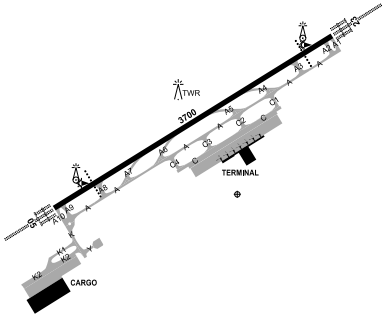
1. WAC 3456.
2. Aerodrome Obstacle Chart Type A: RWY 07/25, 16R/34L, 16L/34R and 16L (15 DEG divergence) - the latest issue is accessible via the Sydney Airport website.
3. Also refer to AIP Departure and Approach Procedures.
4. Precision Approach Terrain Charts RWY 16R/34L and RWY 16L/34R AVBL via the Sydney Airport website.
   Note: For any issues with the Sydney Airport website links contact the Aerodrome Operations Supervisor via phone: 02 9667 9824 or email: car2@syd.com.au.

SYDNEY/NANCY-BIRD WALTON — ELEV 308

AVFAX CODE 2101

NSW		UTC +10	YSWS
335327S	1504306E	VAR 13 DEG E	CERT

AD OPR WSA Co, 40 Nancy Drive, Luddenham, NSW, 2745. Email: aocc@wsiairport.com.au. PH 02 4762 8500. ARO 0461 596 925. PH AH Airport Services Manager 02 4762 8114. Website: www.wsiairport.com.au.



REMARKS

1. PPR.
2. AD Charges: CTC AD OPR.
3. Conditions of Use AVBL FM AD OPR.
4. AD is security controlled.
5. ACFT carrying dangerous goods Class 1 (explosives) RQ approval FM AD OPR. MNM 48HR prior to ETA.
6. Cargo APN Controlled by AD OPR. CTC Walton APN FREQ 126.575 on entry to TXL K1.

HANDLING SERVICES AND FACILITIES

AD OPR does not provide ACFT marshalling. All requests to be directed to airline or ground handling agent.

Skytanking: H24 TEL 0420 305 872.

RESCUE AND FIREFIGHTING SERVICES

CAT 8: H24.

EMERG FREQ 131.0 MHz AVBL H24. Request via ATC.

APRONS AND TAXIWAYS

1. TWY A: Asphalt and 400M Concrete each end PCR 692/F/A/W/T WID 23
2. TWY A1 and A2: Concrete PCR 827/R/A/W/T WID 23
3. TWY A3, A8, C1, C2, C3, C4, K, Y: Asphalt PCR 692/F/A/W/T WID 23
4. TWY A4, A5 and A6: Asphalt PCR 520/F/A/W/T WID 23
5. TWY A7: Asphalt PCR 529/F/B/W/T WID 23
6. TWY A9 and A10: Concrete PCR 1182/R/C/W/T WID 23
7. TWY C: Concrete PCR 826/R/A/W/T WID 23
8. TXL K1 and TXL K2: Concrete PCR 1230/R/C/W/T WID 23
9. Passenger Apron: Concrete PCR 833/R/A/1.62MPa/T
10. Aircraft Isolation Bay: Concrete PCR 791/R/A/W/T
11. Cargo Apron: Concrete PCR 1200/R/C/W/T

SURFACE MOVEMENT GUIDANCE

1. PAX APN: A-VDGS AVBL on all stands EXC 16A, 17A and 18A. Marshalling RQ for 16A, 17A and 18A.
2. Cargo Apron: A-VDGS AVBL on all positions.
3. Movement area guidance sign INSTL on all TWY EXC TWY A3. RWY exit sign for TWY A3 not AVBL when vacating RWY 23.
4. Stop Bar microwave barrier devices (SW MW model 316-33457) on 1.2M frangible support posts installed at all RWY/TWY INT within OBST restricted area.

AERODROME OBSTACLES

1. Various permanent obstacles such as trees and poles in take-off, approach and transitional surfaces.
2. Permanent obstacles such as trees and towers in the inner horizontal and conical surface.
3. For detailed information regarding permanent and temporary obstacles, refer to NOTAM/AIP SUP and/or CTC AD OPR.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, AD WRNG, WS WRNG.
2. AWIS PH 02 9353 6463 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

05/23 047 121a/b PCR 692/F/A/W/T Grooved. 255M RWY ends concrete. WID 45 RWS 280 OFZ exists.

AERODROME AND APPROACH LIGHTING

RWY 05/23	HIAL-CAT III		SDBY PWR AVBL
RWY 05/23	HIRL		SDBY PWR AVBL
RWY 05/23	PAPI	3.0 DEG66FT	SDBY PWR AVBL
RWY 05/23	RCLL		SDBY PWR AVBL
RWY 05/23	RTZL		SDBY PWR AVBL
RWY 05/23	SFL		SDBY PWR AVBL

1. **ALS type and length**
   a. RWY 05/23 - HIAL, barrette CL: 720M.
2. RWY edge light spacing: 60M.
3. RWY CL spacing: 15M.
4. RWY edge LGT: 600M yellow, FM 600M to 3,100M white, FM 3,100M to 3,700M yellow.
5. RWY THR LGT: green, wing bars installed.
6. RWY end LGT: red, wing bars installed.
7. RWY 05/23 CL: 2,800M white, FM 2,800M to 3,400M ALTN red and white. FM 3,400M red.
8. RTZL: white, extends 900M FM threshold.
9. Wheel CLR over THR for PAPI RWY 05/23 complies with *CASA MOS 139* MNM REQ of 6M. Wheel CLR over both RWY ends not less than 6M.
10. RWY stop bars INSTL TWY A1, A2, A3, A8, A9, A10.
11. No entry bar INSTL Rapid Exit TWY (RET) A4, A5, A6, A7.

OTHER LIGHTING

1. SDBY PWR switchover time: 1 SEC for RWY and APCH LGT. 15 SEC for all other LGT.
2. All TWY: Green CL LGT.
3. ADDN elevated blue edge LGT INSTL on TWY C, K and Y within pushback areas. ADDN blue LGT on TWY C is provided at the ends of TWY near the INT with C1 and C4 to confirm the limits of TWY C.
4. Where RQ, yellow inset intermediate holding position LGT AVBL.
5. ILS critical and sensitive areas indicated by ALTN green and yellow TWY CL LGT sequence.
6. RWY guard LGT INSTL all RWY HLDG points.
7. APN flood Lighting AVBL at all bays.
8. LIOL for OBST on the AD.

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ATS AND AERODROME COMMUNICATION FACILITIES

FIA	SYDNEY CENTRE	124.55
ACD	WALTON DELIVERY	118.65
APP	WALTON APPROACH	119.35
APRON	WALTON APRON	126.575 (1)
ATIS	NANCY-BIRD WALTON ATIS	127.0
DEP	WALTON DEPARTURES	118.4
SMC	WALTON GROUND	124.05
TWR	WALTON TOWER	128.1

(1) APN service on cargo APN only.

RADIO NAVIGATION AND LANDING AIDS

DME	IWN	109.1/ 28X (RWY05)	335320.2S	1504154.2E	(2)
GP	IWN	331.4 (RWY05)	335320.5S	1504154.4E	
ILS	IWN	109.1 (RWY05)	335225.0S	1504359.5E	
LOC	IWN	109.1 (RWY05)	335225.0S	1504359.5E	
DME	IWS	111.5/ 52X (RWY23)	335230.5S	1504336.4E	(1)
GP	IWS	332.9 (RWY23)	335230.7S	1504336.5E	
ILS	IWS	111.5 (RWY23)	335335.8S	1504134.0E	
LOC	IWS	111.5 (RWY23)	335335.8S	1504134.0E	

(1) Antenna ELEV 264FT.
(2) Antenna ELEV 310FT.

LOCAL TRAFFIC REGULATIONS

1. ACFT PRKG requests email or PH AD OPR.
2. All ACFT must provide their parked position/gate number to ATC on acknowledgement of airways clearance.
3. GA ACFT PRKG not AVBL.
4. ACFT ENG runs on the stand are restricted to ground idle power only. GND run of ENG above idle requires prior approval via phone.
5. Cross bleed engine starts must be conducted on TWY or TXL.
6. **APN and TWY AVBL and Restrictions:**
   a. TXL K1 is the designated inbound TXL for cargo APN ARR and TXL K2 is the designated outbound TXL unless otherwise instructed.
   b. RET have WT limit of 394,000KG for aborted TKOF, RWY CHG, or taxi via RWY.
   c. ACFT isolation pad AVBL. Pilot stop lines and marshaller stop lines provided.
   d. MNM thrust REQ when turning FM:
      (i) TWY C onto TWY C1, C2, C3 and C4 due jet blast on APN.
      (ii) TXL K2 onto TWY K due jet blast on APN.
      (iii) TWY K onto TWY A due jet blast on airside roadway.
   e. Code F ACFT not permitted to vacate via TWY A8 from RWY 05.
   f. Right turn from TWY K2 to Bay 86 not AVBL.
   g. 180 DEG turns not permitted on RWY or TWY.
   h. APN configuration: Bays 17 to 24 and Bays 27 and 28 single Code E and dual Code C multiple ACFT ramp system. Bays 16, 25 and 26 single Code F and dual Code C multiple ACFT ramp system.
   i. Bays 16A, 17A, and 18A not AVBL to ACFT with wingspan ABV 29M. Secondary parking position markings in use.

   Note: BAE146 ARR on PAX APN required to park on Bays 16L, 16R, 17L, 17R, 18L or 18R only. No PWR-out OPS permitted.
   j. Due noise abatement PROC, BTN 2300–0530 Local, pilots are REQ to minimise use of reverse thrust where OPS acceptable.
   k. TWY K and A10 - sight DIST is at a MNM of 227.1M, affecting VIS of low-profile objects on TWY surfaces from a STD 3M observer height.
7. Training flights:
   a. Circuit training not AVBL.
   b. Instrument approach training other than flights arriving to YSWS not AVBL.

FLIGHT PROCEDURES

1. ESTIMATED AIRBORNE TRAFFIC DELAY

1.1. Estimated airborne traffic delays for ARR ACFT may be expected due to terminal area traffic density: 2000 to 1400 UTC arrival 20MIN; 1400 to 2000 UTC arrival 10MIN, departure 10 MIN (1HR earlier during HDS).

2. AIR TRAFFIC MANAGEMENT SPEED

2.1. When not on a SID or STAR (including vectoring) - ACFT ARR or DEP YSWS must not exceed 250KT IAS when BLW 10,000FT. Advise ATC if a higher speed is operationally required

3. PUSHBACK AND START PROCEDURES

3.1. Departing ACFT with ground power must contact delivery ready for pushback or start. ACFT will be instructed to contact/stand by for apron/ground (as appropriate) once compliant with any applicable ATFM procedures. Apron/Ground will approve pushback or start CLR when able.

3.2. Departing ACFT without ground power are approved to start at own discretion, advising delivery when start complete. ACFT for pushback will be instructed to contact/stand by for apron/ground (as appropriate) once compliant with any applicable ATFM procedures. ACFT for taxi from bay will be instructed to contact apron/ground for taxi clearance once compliant with any applicable AFTM procedures. Apron/Ground will approve pushback or taxi when able.

4. ARRIVAL PROCEDURES

4.1. All ARR ACFT are required to advise PRKG bay on first contact with GND.

5. DEPARTURES

5.1. Departures shall normally be cleared in the order in which they are ready for takeoff, except that deviations may be made from this order to facilitate the maximum number of departures with the least average delay.

5.2. Aircraft departing for aerodromes located within the Sydney basin may require start approval.

6. STANDARD INSTRUMENT DEPARTURE (SID) PROCEDURES

6.1. SID Assignment

6.1.1. DEP ACFT should expect to be cleared on the following SID:

a. Jet - Procedural SID applicable to their cleared route

b. Non Jet:

(i) By day – non-jet SID

(ii) By night – Procedural SID applicable to their cleared route.

6.1.2. WALTON Radar SID may be issued by ATC when required due weather or operational requirements.

6.2. SID Designators

6.2.1. The following SID Designators are used at YSWS:

SID	Use	Expected Timings
D	Day Use - Default SID issued during “Day” mode operations	0530-2300 Local (Outside of YSSY curfew hours)
H	Hot/Heavy - AVBL for ACFT planned via NWA or LEECE at Pilot Request (if unable to meet level restrictions on TONTO Day SID) or issued by ATC when YSWS TEMP ≥ 35 DEG C	
N	Night - issued during ‘night’ mode operations when Reciprocal Runway Operations (RRO) are **not** in use.	2300-0530 Local
Q	RRO - issued during ‘night’ mode when RRO are **in use**.	2300-0530 Local

Information may be continued on the next page: PTO

7. GROUND CONTROL

7.1. Tug Operations

7.1.1. All tugs requesting clearance for pushback and/or tow, must make initial contact with Delivery on 118.65 MHz. Tugs will be instructed to contact/stand by for apron/ground (as appropriate). Any tug request confined to the Cargo apron should contact Apron direct on 126.575 MHz.

7.2. Repositioning Aircraft

7.2.1. All aircraft requesting repositioning, must make initial contact with Delivery on 118.65 MHz. Aircraft will be instructed to contact/stand by for apron/ground (as appropriate).

8. LOW VISIBILITY OPERATIONS

8.1. For CASA approved operators, RWY 05/23 is capable of supporting take-offs with an RVR of not less than 125M for the runway being used.

9. LOW VISIBILITY PROCEDURES

9.1. Instrument RVR provided at touchdown zone, midpoint zone, and end zone for each RWY. Transmissometers and frangible support posts WI OBST restricted area.

9.2. Preparations for the activation of Low Visibility Procedures (LVP) are commenced when visibility has reduced to 2,500M. This ensures that the LVP are in force when:

a. The cloud ceiling is at or below the CAT I minima; or

b. The RVR is at or below 550M.

9.3. LVP initiation and implementation may occur earlier if conditions deteriorate rapidly.

9.4. When RVR is at or below 550M or when the cloud ceiling is at or below the CAT I minima, the ILS critical and sensitive areas are protected and “low visibility procedures in force” is declared.

9.5. All aircraft must depart from the full length of the RWY.

9.6. Aircraft under tow during LVP require WSI Safety Vehicle escort.
Contact Car 2 on +61 461 596 925 to request Safety Vehicle attendance.

9.7. Any pilot unsure of their position whilst operating on the Manoeuvring Area must Hold Position (STOP) and immediately advise ATC.

9.8. Radio failure - Aircraft must hold position and await further guidance from a Follow Me vehicle.

9.9. All TWY are suitable for use in RVR conditions less than 350M.

10. FOLLOW ME SERVICE

10.1. Flight crew must notify ATC if a 'Follow Me" service is required.

NOISE ABATEMENT PROCEDURES

Noise Abatement Procedures (NAP) apply. Refer AIP DAP.

ADDITIONAL INFORMATION

1. Species-specific NOTAM will be issued during periods of increased wildlife activity.
2. ACFT REQ nose tethering, nose loading OPS, or carrying livestock must obtain approval FM AD OPR MNM 48HR prior to ETA.

CHARTS RELATED TO THE AERODROME

1. WAC 3456.
2. Aerodrome Obstacle Chart Type A RWY 05/23 second edition AVBL FM AD OPR.
3. Also refer to AIP Departure and Approach Procedures.

TAMBO

ELEV 1500

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YTMB
245020S 1461735E VAR 8 DEG E UNCR
AD OPR Blackall - Tambo Regional Council, PO Box 21, Blackall, QLD, 4472. PH 07 4621 6600. Fax 07 4621 6660.

PASSENGER FACILITIES

PT/WC

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 124.8

CTAF 126.7

CHARTS RELATED TO THE AERODROME

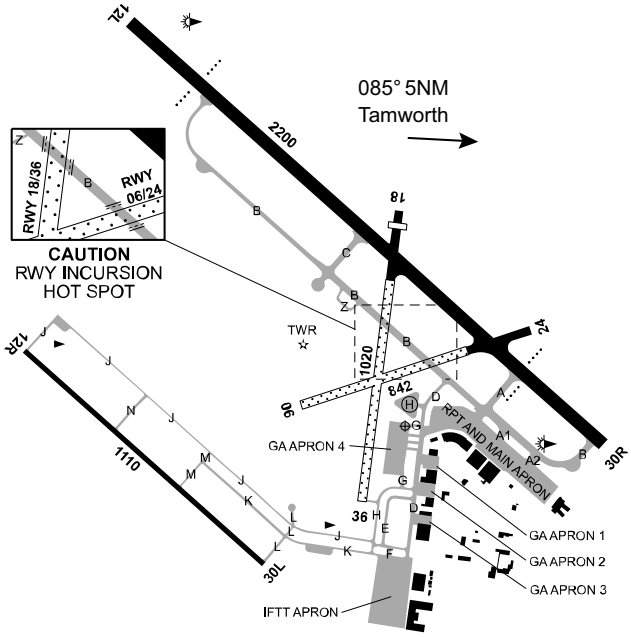
WAC 3341.

TAMWORTH

ELEV 1335

AVFAX CODE 2025

NSW UTC +10 YSTW
310502S 1505048E VAR 12 DEG E CERT
AD OPR Tamworth Regional Council, PO Box 555, Tamworth, NSW, 2340.
Email: airportops@tamworth.nsw.gov.au. ARO H24 02 6767 5546 (Primary CTC).
EMERG 0429 582 400.



REMARKS

1. AD Charges: AVBL on Tamworth Regional Council website - Fees and Charges.
2. Private ILS. Charges apply for ILS approaches as per Tamworth Regional Council published fees and charges.
3. Captains of visiting military aircraft are to contact Airport Management at least 48HR prior to arrival. MIL ACFT requiring civil hardstand are to forward requests to airportops@tamworth.nsw.gov.au for parking allocation.

Information may be continued on the next page: PTO

4. This AD is a Security Controlled Airport:
   a. RPT APN Bays 1 to 4 are Security Restricted Areas. Pilots and crew must display a valid ASIC when airside. Non RPT operators must exit and enter via coded entry gates located adjacent all GA APN.
   b. Direct access FM the main APN into the terminal building is not permitted for MIL, GA or CHTR aircrew or passengers. Security restricted APN may not be traversed by persons excluded under regulations 3.13 and 3.16 of the ATS Act 2004.
   c. ACFT which require PRKG on the main APN outside the Security Restricted Area must obtain prior approval from AD OPR. Bays 8 and 9 are restricted to aeromedical ACFT unless specific approval is granted.
5. GA users use coded exit gates provided adjacent GA PRKG APN. Pilots must note displayed code for re-entry.

HANDLING SERVICES AND FACILITIES

Viva Energy Australia – Northwest Aviation Fuels Pty Ltd: 2030-0630 UTC MON-FRI, AVGAS H24 Viva swipe card/credit card bowser. AH 1HR PN, JET A1 available 24HR. AH call-out fees apply: PH 0419 424 834, 02 6761 5640, VHF 126.4 JO. AVGAS, JET A1, 0125. Viva fuel and fly, carnet and credit cards (V and MC) (NSW and QLD government contract, Department of Defence contract).

PASSENGER FACILITIES

LG/RF/WC/ME

APRONS AND TAXIWAYS

1. ACFT ABV 5,700KG MTOW limited to TWY A, A1, A2, B, C, D and G.
2. TWY B west of TWY C limited to 8,000KG AUW and 23M MAX wing span.
3. Run-up bays for ACFT to 5,700KG and MAX wing span limitations of 12 and 16M.
4. TWY D MAX wingspan 17.65M. ACFT with wingspans ABV 15M and up to 17.65M, accessing the GA parking areas, may only do so via TWY D.
5. 3 sealed GA parking bays are AVBL for MAX 24HR parking. They are length limited. P1 limit 14.5M (47FT), P2 limit 13.5M (44FT), P3 limit 12.5M (41FT).
6. Bays 6 - 9 MAX wing span 23M.
7. IFTT APN covered PRKG and PRKG in front of hangars restricted to ACFT with MAX wingspan 12M.
8. TWY D and G and GA Bays 10-14 MAX AUW 12,500KG.

AERODROME OBSTACLES

1. LIOL ILS GP 1,369FT AMSL BRG 051 MAG 585M FM ARP infringes TNS RWY12L/30R by 16FT and TNS RWY 06/24 by 39FT.
2. LIOL Primary IWI 1,357FT AMSL BRG 089 MAG 429M FM ARP infringes TNS RWY 12L/30R by 6FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI, AD WRNG.
2. AWIS Phone 02 9353 6451 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

06/24	061	28c	Unrated. Grassed brown clay	WID 30	RWS 90
12L/30R	121	72a	PCR 180/F/C/Y/T Grooved.	WID 45	RWS 150
12R/30L	121	36a	5700 kg/0.50 MPa	WID 18	RWS 90
18/36	177	33c	Unrated. Grassed brown clay	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 12L/30R	MIRL(1)	AFRU+PAL 119.4		SDBY PWR AVBL
RWY 12L/30R	PAPI(2)	AFRU+PAL 119.4	3.0 DEG49FT	SDBY PWR AVBL

(1) Outside TWR HR.
(2) Both sides.
RWY edge light spacing: 12L/30R: 59M.

OTHER LIGHTING

1. SDBY PWR switchover time: 1 SEC during LVP; 8 SEC other times.
2. TWY LGT: Green CL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	127.1 Circuit Area (Outside TWR HR)
ATIS	TAMWORTH	116.0 123.8 (1)
SMC	TAMWORTH GROUND/DELIVERY	121.9 (2)
TWR	TAMWORTH TOWER	118.25 (3) 119.4

(1) or Phone 02 6764 5288
(2) Taxi clearance required on all TWY.
(3) HJ only.
1. TWR HR:
   a. MON-FRI: 2100-1015 UTC (1HR earlier during HDS.)
   b. SAT-SUN: 2200-0530 UTC (1HR earlier during HDS.)
   Phone: 02 6764 5271^
   Note: All times 1HR earlier during HDS. TWR HR may change at short notice, check status of airspace with ATS or Tamworth ATIS.
2. Tamworth TWR provides combined TWR and APP CTL services within Class C and D airspace 6,500FT AMSL and BLW DRG TWR HR. CTC TWR for a clearance.
3. Outside TWR HR, Tamworth Class D airspace 4,500FT AMSL and BLW and Class C airspace 8,500FT AMSL and BLW becomes Class G.

RADIO NAVIGATION AND LANDING AIDS

DME	ITW	109.9/ 36X (RWY30R)	310453.0S	1505108.2E		(4)
GP	ITW	333.8 (RWY30R)	310453.0S	1505108.2E		
ILS	ITW	109.9 (RWY30R)	310412.1S	1505008.5E		(3)
LOC	ITW	109.9 (RWY30R)	310412.1S	1505008.5E		(1)
DME	TW	116.0/107X	310357.8S	1504948.3E		(2)
NDB	TW	341	310416.2S	1504952.2E	Range 50 (HN 50)	
VOR	TW	116.0	310357.9S	1504948.9E		

(1) Pilot monitored outside TWR HR.
(2) Antenna ELEV 1285FT.
(3) Private ILS - Fees apply - Operated by AD OPR.
(4) Antenna ELEV 1329FT.

LOCAL TRAFFIC REGULATIONS

1. HEL PRKG ADJ to SGS enclosure. Design ACFT SH-60/MRH 90. Pilots and passengers to exit via gate 15. No direct access into terminal due to security restricted apron.
2. All ACFT above 5,700KG which are not RPT must obtain prior approval of AD OPR if they are programmed to stage through or remain at Tamworth Regional Airport. To obtain such approval 48HRS notice is required. Phone Duty Airport Officer 02 6767 5546 and email airportops@tamworth.nsw.gov.au with details of your request. ACFT must follow lead-in lines.
3. GA ACFT BLW 5,700KG (EXC aeromed) not permitted on main apron. Limited sealed parking and tie-downs for ACFT BLW 5,700KG are AVBL in GA areas. Parking bays P1, P2, P3 MAX 24HR only. Fees apply for parking in excess of 24HR.
4. Bays 1 to 4 on the main apron for RPT services only.
5. Bay 5 pre-flight engine running limited to 5MIN at idle power due noise restrictions. HRS 0630-2300 Local.
6. IFTT APN. All ACFT wishing to park on the IFTT APN require prior permission from AD OPR. Personnel airside on the IFTT APN are to wear high visibility vests at all times.
7. Bays 8 and 9 pilots are requested to minimise ground running with reference exhaust blast directed towards the Westpac hangar facility.
8. Tamworth Airport does not support OPS below 800M RWY VIS.
9. RWY Incursion Hotspots at the intersection of TWY B and grass RWY 18/36 and 06/24.
10. GA parking positions 10-14 are AVBL for ACFT up to 12,500KG AUW. Fees apply in excess of 48HR.
11. RWS not AVBL for ACFT OPS.
12. Night OPS AVBL - PRKG Bays 1-21 one-way access only via TWY D.
13. TWY G1 closed.

Information may be continued on the next page: PTO

FLIGHT PROCEDURES

1. **RUNWAYS**

Circuit Direction

HJ	RWY 12R	right hand circuit	FREQ 118.25 (119.4 Outside TWR HR)
	RWY 30L	left hand circuit	FREQ 118.25 (119.4 Outside TWR HR)
	RWY 12L	left hand circuit	FREQ 119.4
	RWY 30R	right hand circuit	FREQ 119.4
HN	RWY 12L	right hand circuit	FREQ 119.4
	RWY 30R	left hand circuit	FREQ 119.4

2. **LOCAL PROCEDURES - HJ DRG TWR HR**

If unfamiliar, contact TW ATC prior to departure for clarification.
The following procedures must be read in conjunction with the TW VTC.

3. **RUNWAY NOMINATION**

3.1. RWY12R/30L on FREQ 118.25 shall be used for:

a. ALL single engine VFR ACFT ARR and DEP from the 160R through west to the 295R:
   (i) ARRIVALS via Duri Gap (DUA) (see para B)
   (ii) DEPARTURES via GATE SOUTH (GST) or GATE WEST (GWT) (see para 4)
b. single engine ACFT circuit training.

3.2. RWY12L/30R on FREQ 119.4 shall be used for all other OPS.

4. **ARRIVALS VIA DURI GAP (DUA)**

a. Route for single engine VFR ACFT from the 160R through west to the 295R;
b. FREQ 118.25;
c. RWY12R/30L;
d. CAUTION: Pilots can mistake Mt Terrible and Soma MTN for Duri MTN. Pilots should confirm Duri MTN with the location of Currabubula and the Tamworth-Werris Creek railway line. Mis-identification will lead to conflict with any opposite direction traffic outbound via Gate South (GST);



e. Clearance required prior to DUA at **3,000FT AMSL**;
f. CAUTION: D523 is a high traffic density flying training area. ACFT recovering D523 track via DUA at 3,000FT. ACFT approaching DUA must be alert to increased traffic density and visually maintain separation from other ACFT;
g. Report at 5NM for circuit entry instructions;
h. **DO NOT CROSS N OF RWY12R/30L CENTRE LINE** due to operations on the parallel RWY 12L/30R;
i. In the unlikely event of frequency congestion or radio failure after receiving clearance, **MAINTAIN 3,000FT AMSL** and join upwind overhead the duty RWY (12R/30L) threshold. Maintain separation with other aircraft and descend to circuit altitude.

5. **DEPARTURES VIA GATE SOUTH (GST) OR GATE WEST (GWT)**

a. Route for single engine VFR ACFT from the 160R through west to 295R,
b. FREQ 118.25,

c. When number one at the holding point, pilots must report “READY” with intended route; “**READY GATE SOUTH** [or **WEST]**”.

d. **VIA GATE SOUTH (GST)**
   (i) RWY 12R - from right crosswind; or
   (ii) RWY 30L - from left downwind;
   track to ABM Warral Silo (WASL) NOT ABOVE 2,500FT AMSL and remain west and within 1NM of the Werris Creek railway line. From ABM WASL, remain NOT ABV 3,000FT AMSL until clear of controlled airspace.

e. **VIA GATE WEST (GWT)**
   (i) RWY 12R - from right downwind; or
   (ii) RWY 30L - from left crosswind;
   track to become established to the south of the East-West power line NOT ABOVE 2,500FT AMSL. From 5NM (ABM Fullwoods Hill) remain NOT ABV 3,000FT AMSL and track to Gate West remaining south of the power line until clear of controlled airspace.

f. a departure report is not required and pilots should automatically change to the appropriate FREQ when clear of controlled airspace.

6. **CIRCUIT OPERATION**
   a. Report 'ready' in the run-up bay for instructions.
   b. ALT not ABV 2,500FT AMSL.
   c. PPR from AD OPR for NGT CCTS.

7. **INSTRUMENT TRAINING AND AWK**
   a. All ACFT planning practice instrument APCH, NAVAID training or AWK require prior ATC approval. Pilots must book a slot online at www.bookawk.com.
   b. Bookings may be subject to cancellation by ATC:
      (i) on daily review of forecast MET conditions.
      (ii) due to OPR restrictions.
   c. Pilots requesting an APCH to the non-duty RWY may expect extended delay. Conduct of an APCH to the non-duty RWY is not guaranteed.

8. **SIMULTANEOUS PARALLEL RWY OPS**

8.1. During TWR HR, ATC may conduct simultaneous parallel runway operations provided that:
   a. operations are conducted in VMC by day only;
   b. conditions permit continuous visual monitoring by ATC of ACFT on base and during the turn onto final; and
   c. continuous two way communications are maintained between the ACFT and ATC.

8.2. Notification of simultaneous parallel runway operations will be broadcast on ATIS or by directed broadcast to aircraft; “SIMULTANEOUS PARALLEL RUNWAY OPERATIONS IN USE. EXPECT TRAFFIC ON FINAL AND OPPOSITE BASE OF THE PARALLEL RUNWAY”.

8.3. Simultaneous parallel RWY operations will normally be conducted utilising separate frequencies.

8.4. When simultaneous parallel runway operations are being conducted, pilots are responsible for:
   a. ensuring that the runway centre line is not crossed during intercept of final;
   b. accurately tracking the centre line on final and upwind; and
   c. maintaining a visual lookout for ACFT approaching and departing the parallel RWY.

9. **LOW VISIBILITY OPS**

9.1. RWY 12L/30R supports takeoffs down to 800M RV during TWR HR only.

9.2. ATC will initiate Low Visibility Procedures when RV is below 800M or ceiling is 200FT or less.

9.3. Outside TWR HR - CTAF procedures apply.

CTAF - AFRU 119.4

Outside TWR HR.

ADDITIONAL INFORMATION

1. Bird hazard exists.
2. Significant increases in wildlife hazards will be notified by NOTAM.

CHARTS RELATED TO THE AERODROME

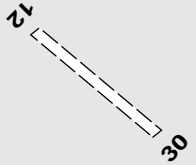
1. WAC 3357.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

TANAMI

ELEV 1400

FULL NOTAM SERVICE NOT AVBL



NT UTC +9:30 YTMN
195800S 1294332E VAR 3 DEG E UNCR
AD OPR Northern Star (Tanami) Pty Ltd, Level 1/388 Hay Street, Subiaco, WA, 6008. Email: TanamiAdmin@nsrltd.com. PH 08 6211 2650.

REMARKS

PPR - Contact AD OPR

AERODROME OBSTACLES

1. RWY 12 APCH surface infringed - stockpile 445M prior to THR 41F ABV inner edge.
2. RWY 30 stockpile 2,174M FM SOT 61.4M L of EXT CL 62FT ABV RWY gradient 2.91%.
3. RWY 30 stockpile 2,209M FM SOT 13.1M R of EXT CL 63FT ABV RWY gradient 2.79%.
4. Refer AD OPR for OBST chart.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	118.9 6500FT
UNICOM	TANAMI MINE	128.9

LOCAL TRAFFIC REGULATIONS

1. Initial contact is on UNICOM 128.9 to Tanami Ground then change to CTAF 126.7.
2. Preferred night OPS - land RWY 30, TKOF RWY 12.

CTAF 126.7

ADDITIONAL INFORMATION

Night OPS for emergencies only i.e. RFDS - land RWY30, TKOF RWY 12

CHARTS RELATED TO THE AERODROME

WAC 3222, 3231.

TARA

ELEV 1180

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YTAA
270924S 1502836E VAR 10 DEG E UNCR
AD OPR Western Downs Regional Council, PO Box 551, Dalby, QLD, 4405.
Email: info@wdrc.qld.gov.au. PH 07 4679 4000. ARO 0437 735 919: 0475 579 399.

REMARKS

1. Avdata fees apply.
2. Approval RQ FM AD OPR for agricultural OPS at AD.

PASSENGER FACILITIES

Passenger facilities AVBL. Telephone facilities not AVBL.

AERODROME AND APPROACH LIGHTING

LIRL. PAL on 119.65.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	123.95 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION

1. Bird and animal hazard exist.
2. AD OPR requires CTAF broadcast for ACFT ground and approach movements.

CHARTS RELATED TO THE AERODROME

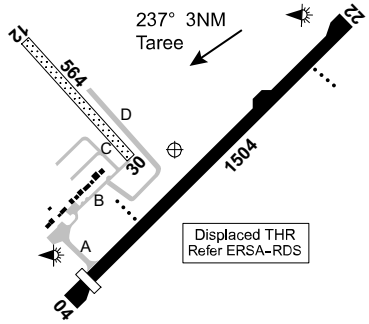
WAC 3340.

TAREE

ELEV 38

AVFAX CODE 2014

NSW UTC +10 YTRE
315319S 1523050E VAR 13 DEG E CERT
AD OPR Midcoast Council, 2 Biripi Way, Taree, NSW, 2430. Email: council@midcoast.nsw.gov.au. PH 02 7955 7777. PH AH 0409 466 396 or 0447 106 605. Fax 02 6591 7363.



REMARKS

AD Charges: All ACFT (collected by Council).

HANDLING SERVICES AND FACILITIES

Aero Refuellers: AVGAS H24 self-service. Accepts Aero Refuellers, V and MC. PH 0428 906 103 or 0407 290 925.
Skyfuel: JET A1 H24 self serve bowser accepts MC, V and Skyfuel carnet card. PH 0418 862 100, 0407 290 925 or 0417 780 280. Refer to www.skyfuel.com.au for site information and orientation.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 02 9353 6452 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

04/22	033	49a	PCR 90/F/D/X/T	WID 30	RWS 150
12/30	125	19c	Unrated. Brown silt clay	WID 18	RWS 60

AERODROME AND APPROACH LIGHTING

RWY 04/22	LIRL	PAL+AA 122.4		SDBY PWR AVBL
RWY 04/22	PAPI(1)	PAL+AA 122.4	3.0 DEG40FT	SDBY PWR AVBL

(1) Left side. PAL activates PAPI H24.
RWY edge light spacing: 04/22: 90M.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.55
On ground COM may be available with ATS dependant on ACFT location and building shielding.

LOCAL TRAFFIC REGULATIONS

No parking on refuelling area.

CTAF 118.1

ADDITIONAL INFORMATION

1. Wildlife hazard may exist – species specific NOTAM will be raised during periods of increased activity.
2. PJE OPS overhead AD, SFC – FL150, HJ only. Pilot of jump ACFT will BCST intentions on CTAF.

CHARTS RELATED TO THE AERODROME

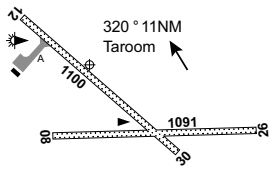
1. WAC 3357, 3456.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

TAROOM

ELEV 786

AVFAX CODE 4031



QLD UTC +10 YTAM
254807S 1495358E VAR 10 DEG E CERT
AD OPR Banana Shire Council, PO Box 412, Biloela, QLD, 4715.
PH 07 4992 9500. ARO AH 0439 768 661. Fax 07 4992 3493.

REMARKS

Night OPS not AVBL EXC for medical EMERG OPS.

PHYSICAL CHARACTERISTICS

08/26	077	36	Unrated. Brown silt clay	WID 30	RWS 90
12/30	120	36c	Unrated. Brown gravel.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 12/30 LIRL AFRU+PAL 126.7 SDBY PWR AVBL
RWY edge light spacing: 12/30: 60M.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 126.0 8000FT

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME

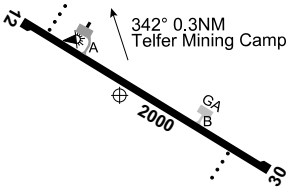
1. WAC 3340, 3341.
2. Also refer to AIP Departure and Approach Procedures.

TELFER

ELEV 975

AVFAX CODE 6834

WA UTC +8 YTEF
214254S 1221342E VAR 1 DEG E CERT
AD OPR Greatland Pty Ltd, 502 Hay St, Subiaco, WA, 6008.
Email: telferairport@greatland.com.au. PH AD Manager 0409 549 615. ARO 08 9158 6896: 0409 156 984.



REMARKS

1. Restricted OPS, 24HR PPR from ARO. Applications to land may not be approved during D106 activation times.
2. D106 Active due mine blasting DLY HJ (WI 2.5NM RAD centred on 214303S 1221127E, SFC-1,600FT).
3. High velocity plume rise at Telfer Mine Power Station located at 2.95NM BRG 214DEG FM AD.
4. All flight crews to wear high visibility clothing whilst walking on the APN areas.

HANDLING SERVICES AND FACILITIES

Greatland Pty Ltd: JET A1. Privately owned stock - CTC ARO.

APRONS AND TAXIWAYS

1. TWY B not AVBL HN.
2. TWY B and GA APN not AVBL to ACFT ABV 5,700KG MTOW.
3. Main APN Bay 1 not AVBL HN.

AERODROME OBSTACLES

1. IWI 400M FM start of TKOF RWY 12, 102M left of CL, infringes transitional OLS by 11FT.
2. PAL antennae 350M FM start of TKOF RWY 12, 82M left of CL, infringes transitional OLS by 12FT.
3. Full length fence:
   a. FM start of TKOF RWY 12, 77M left of CL, infringes transitional OLS by 5FT.
   b. FM start of TKOF RWY 12, 79M right of CL, infringes transitional OLS by 6FT.
4. Extensive terrain (waste dump) penetration of inner horizontal and conical OLS to 1,293FT AMSL, in a south quadrant BTN MAG BRG 145 to 287DEG 2,200M to 5,500M FM ARP lit with obstacle lighting.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 08 6216 2638 - Report faults to BoM.
3. AWIS FREQ 133.25 (requires one-second pulse to activate) - Report faults to ARO.

PHYSICAL CHARACTERISTICS

12/30	120	66a	PCR 210/F/A/Y/U Sealed	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 12/30	LIRL(3)	PAL+AA 119.6		
RWY 12/30	PTBL(1)			BY PRIOR ARRANGEMENT
RWY 12	PAPI(2)	PAL+AA 119.6	3.0 DEG44FT	
RWY 30	PAPI(2)	PAL+AA 119.6	3.0 DEG40FT	

(1) 60 MIN PN
(2) Left side. PAL+AA requires three three-second pulses to activate.
(3) PAL+AA requires three three-second pulses to activate.
RWY edge light spacing: 12/30: 58M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	134.5 On ground
UNICOM	TELFER UNICOM	126.65 (1)

(1) For scheduled charter aircraft movements only.

LOCAL TRAFFIC REGULATIONS

All ACFT ABV 5,700KG are to conduct MAX RAD turns at RWY ends.

FLIGHT PROCEDURES

1. Right hand circuits required when OPR on RWY 30.
2. No circling south of RWY12/30 due mining activities.

CTAF - AFRU 126.65

ADDITIONAL INFORMATION

1. Bird hazard exists (pink and grey galah) numbers peak during October to December. Birds transit across RWY throughout daylight hours. Increased bird activity following rainfall events. Species specific NOTAM will be issued during periods of increased activity.
2. UAV OPR WI 1NM RAD of PSN 2NM SW of ARP. HJ. Not above 400FT AGL. Contact UNICOM 126.65 for information.

CHARTS RELATED TO THE AERODROME

1. WAC 3230.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

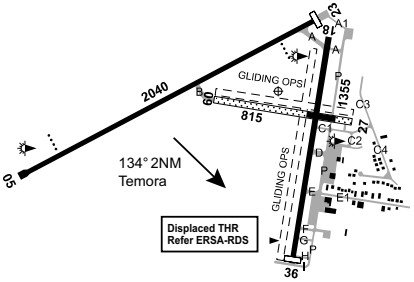
TEMORA

ELEV 921

AVFAX CODE 2203

NSW		UTC +10	YTEM
342517S	1473042E	VAR 12 DEG E	CERT

AD OPR Temora Shire Council, PO Box 262, Temora, NSW, 2666.
Email: temshire@temora.nsw.gov.au. PH 02 6980 1100 H24. ARO AH 0427 455 629.



HANDLING SERVICES AND FACILITIES

Temora Aero Club: 2200-0800 UTC MON-FRI, JF HJ, PN during BH. Phone 02 6977 2733, Fax 6978 1080. AVGAS, O117, O125.
Aero Refuellers: AVGAS bowser. Accepts Aero Refuellers card, V and MC. PH 02 6054 2200 BH or website: www.aerorefuellers.com.au.
Skyfuel Australia: JET A1 + FSII and AVGAS. H24 DLY, card operated pump accepts V, MC and Skyfuel Carnet Card. PH 0418 862 100. Website: www.skyfuel.com.au, for site orientation.

AERODROME OBSTACLES

Lit silo 1,020FT AMSL, 177DEG/2710M FM SOT RWY 18.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS Phone 02 9353 6453 - Report faults to BoM.
3. AWIS FREQ 134.45 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	050	67a	PCR 390/F/D/X/T	WID 30	RWS 90
09/27	087	27c	Unrated. Gravel.	WID 30	RWS 60
18/36	177	44a	PCR 350/F/D/X/T	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 05/23	LIRL	PAL+AA 119.6		SDBY PWR AVBL
RWY 05/23	PAPI(1)	PAL+AA 119.6	3.0 DEG41.3FT	SDBY PWR AVBL

(1) Left side.

OTHER LIGHTING

1. SDBY PWR AVBL with 60 SEC switchover time.
2. TWY LGT: Blue edge TWY A, D and RWY 18/36 BTN TWY A and D.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	134.65 Circuit Area
UNICOM	TEMORA UNICOM	126.15 (1)

(1) UNICOM operates during air display periods.

FLIGHT PROCEDURES

1. Gliding OPS HJ FM separate parallel RWS marked with orange markers immediately W of RWY 18/36 and immediately N of RWY 09/27.
2. Gliding OPS FM RWY 05/23 may be conducted from mid-field TWY B.
3. Gliders and tugs use common left CCTS.
4. Contra CCTS are not permitted under normal circumstances.
5. Independent RWY OPS are not permitted.

CTAF 126.15

ADDITIONAL INFORMATION

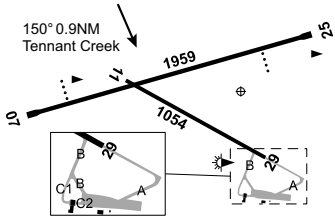
1. Bird hazard exists.
2. Aerobatics 300-5,000FT AGL immediately W of RWY 18/36, HJ.
3. Gliders and Tugs are radio equipped and will broadcast and monitor CTAF 126.15 within 10NM of the AD.
4. Gliders outside 10NM from the AD may use Glider FREQ 122.5, 122.7 or 122.9.
5. Temora Aviation Museum air displays:
   a. D427 and R406 ACT on display weekends.
   b. Check SUA NOTAM for activation details. Check www.aviationmuseum.com.au for display dates.
   c. No flight permitted except with permission of controlling authority - Temora Historic Flight Club - UNICOM 126.15 or 0407 391 431. Non participating aircraft should plan to arrive or depart outside the display times. Priority given to display aircraft except for aircraft in emergency or Emergency Services aircraft.

CHARTS RELATED TO THE AERODROME

1. WAC 3456, 3457.
2. Also refer to AIP Departure and Approach Procedures.

TENNANT CREEK — ELEV 1236

AVFAX CODE 8401



NT UTC +9:30 YTNK
193804S 1341100E VAR 4 DEG E CERT
AD OPR Tennant Creek Airport Pty Ltd, PO Box 796, Alice Springs, NT, 0871. Email: operationstca@adgnt.com.au.
PH 08 8963 3700. ARO 0402 088 160 (primary CTC).
PH AH 0402 088 151.
Website: www.tennantcreekairport.com.au.

REMARKS

1. AD Charges: All ACFT. Copies of Conditions of Use can be obtained from AD OPR or website.
2. AD OPR does not provide ACFT marshalling. All requests to Airline or fixed base operators.
3. PPR for all ACFT ABV 5,700KG MTOW to remain at, transit or use Tennant Creek as planned ALTN. Obtainable FM Tennant Creek Airport Pty Ltd, 24HR PN, email or PH 08 8951 1211 or AH MOB.

HANDLING SERVICES AND FACILITIES

VIVA Energy Australia. JET A1 2200-0800. AH call-out fee applies, weekends by prior arrangement. AVGAS bowser H24. Credit cards or Fuel2Sky cards only. Phone 0419 821 668. Email: tennantcreek@hmair.com.au.

PASSENGER FACILITIES

LG/WC/HC 08 8962 3040.

APRONS AND TAXIWAYS

1. TWY B - PCR 60/F/B/0.70MPa/T.
2. TWY A and eastern portion of apron not AVBL to ACFT ABV 5,700KG MTOW.

AERODROME OBSTACLES

1. Lit TWR 1,403FT AMSL PSN 193842.2S 1341101.5E. Infringes inner HZS by 35FT.
2. Lit TWR 1,565FT AMSL PSN 193803.3S 1341324.9E. Infringes inner HZS by 197FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 08 7922 2513 - Report faults to BoM.
3. AWIS FREQ 128.65 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

07/25	071	64a	PCR 60/F/D/0.70 MPa/T	WID 30	RWS 150
11/29	115	35a	PCR 60/F/B/0.70 MPa/U	WID 23	RWS 90

Information may be continued on the next page: PTO

AERODROME AND APPROACH LIGHTING

RWY 07/25	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL
RWY 07/25	PAPI(1)	AFRU+PAL 126.7	3.0 DEG49FT	SDBY PWR AVBL
RWY 11/29	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL

(1) Left side.

1. RWY edge light spacing: 07/25: 60M, 11/29: 60M.
2. PAL activates for 30MIN.

OTHER LIGHTING

1. Secondary PWR switchover time: 25SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.1 On Ground

RADIO NAVIGATION AND LANDING AIDS

DME	TNK	112.9/ 76X	193805.0S	1341054.1E		(1)
NDB	TNK	272	193839.4S	1341031.2E	Range 100 (HN 60)	(2)
VOR	TNK	112.9	193805.1S	1341055.0E		

(1) Antenna ELEV 1244FT.

(2) 032/0.7 to ARP - No SDBY PWR AVBL.

LOCAL TRAFFIC REGULATIONS

1. ACFT ABV 15,000KG MTOW must use RWY ends for 180DEG turns.
2. Disused portion on RWY 11/29 not AVBL for taxiing when other ACFT OPR RWY 11/29.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

1. Animal and bird hazard exists. Bird hazard is elevated after periods of wet weather around the RWY 29 THR and APN area.
2. During high intensity rainfall events standing water up to a MAX of 50mm may be encountered at the RWY intersection.

CHARTS RELATED TO THE AERODROME

1. WAC 3221.
2. Also refer to AIP Departure and Approach Procedures.

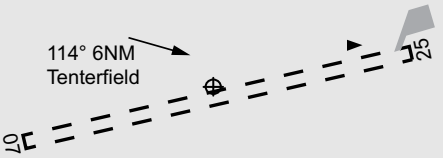
TENTERFIELD

ELEV 2624

FULL NOTAM SERVICE NOT AVBL

NSW		UTC +10	YTFD
285928S	1515547E	VAR 11 DEG E	UNCR

AD OPR Friends of Tenterfield Aerodrome Association Inc, 321 Timbarra Rd, Tenterfield, NSW, 2372. Email: admin@fota.au. ARO 0428 755 180. Mobile MGR 0418 874 799. Website: www.fota.au.



REMARKS

1. Landing Fees:
   a. Private aircraft below 2,000KG MTOW nil (donation towards maintenance appreciated).
   b. Other aircraft $10 per tonne or part thereof MTOW.
2. Parking Fees - All aircraft $5 per day for parking longer than 72 hours.

Note: Honesty System - www.fota.au for payment. Use aircraft registration as payment reference.

HANDLING SERVICES AND FACILITIES

JET A1 available for emergency services operations. Call out fee may apply. PH ARO.

PASSENGER FACILITIES
WC.

PHYSICAL CHARACTERISTICS
07/25 42c Unrated. Grass. RWY undulating with slight rise WID 55 RWS 150
APRX 250M from RWY 25 THR. RWY LEN 1,270M.

AERODROME AND APPROACH LIGHTING
RWY 07/25 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG only. 60MIN PN.
RWY 07/25 edge light spacing: 100M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	126.8 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION
1. RWY soft after heavy rain.
2. Bird and animal hazard exists.
3. Mower may be on RWY at any time HJ.
4. Tenterfield township 10KM south by road.

CHARTS RELATED TO THE AERODROME
WAC 3357.

TESSA SHOALS

AVFAX CODE 6817 **FULL NOTAM SERVICE NOT AVBL**

WA		UTC +8	YTES
203323S	1171437E	VAR 1 DEG E	UNCR

AD OPR Auriga Group, 14 Argyle St, Albion, QLD, 4010. Email: westcoastaviation@auriga.com.au. ARO 0427 061 441.

REMARKS
All enquiries to Head of Flying Operations (HOFO) via AD OPR. Include “ATTN HOFO” in email subject.

METEOROLOGICAL INFORMATION PROVIDED
AWIS FREQ 135.85 - Report faults to AD OPR.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.4
ATIS	KARRATHA ATIS	134.55
TWR	KARRATHA TOWER	127.35

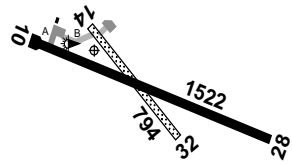
CTAF - AFRU 127.35

CHARTS RELATED TO THE AERODROME
1. WAC 3229.
2. Also refer to AIP Departure and Approach Procedures.

THANGOOL

ELEV 644

AVFAX CODE 4025



QLD		UTC +10	YTNG
242938S	1503434E	VAR 10 DEG E	CERT

AD OPR Banana Shire Council, PO Box 412, Biloela, QLD, 4715. PH 4995 8241. ARO AH 0439 873 182. Council PH 07 4992 9500: Fax 4992 3493. Website: www.banana.qld.gov.au.

REMARKS
AD Charges: refer to website for details.

Information may be continued on the next page: PTO

HANDLING SERVICES AND FACILITIES
Fuel supplied by IOR Aviation Pty Ltd. AVGAS 100LL AVBL H24 Self-Serve Bowser - payment method via IOR Aviation tag for account holders or via the Fuel charge APP. JET A1 H24 Call out fee applies outside 0700 -1700 Local. PH: 0423 393 033.

AERODROME OBSTACLES
Lit TWR:

a. 820FT AMSL, BRG 010 MAG 0.8NM FM ARP. Infringes inner HZS.
b. 1,214FT AMSL, BRG 010 MAG 1.54NM FM ARP. Infringes inner HZS.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT D, METAR/SPECI.
2. AWIS PH 07 3564 3739 - Report faults to BoM.
3. AWIS FREQ 134.05 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

10/28	102	50a	Unrated. Sealed.	WID 30	RWS 90
14/32	130	26c	Unrated. Grey sand silt clay	WID 30	RWS 60

AERODROME AND APPROACH LIGHTING
RWY 10/28 LIRL AFRU+PAL 126.7 SDBY PWR AVBL
RWY 10/28 edge light spacing: 60M.

OTHER LIGHTING
1. SDBY PWR switchover time: APRX 5 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 119.55 Circuit Area

LOCAL TRAFFIC REGULATIONS
APN PRKG not AVBL when DH8C ACFT refuelling. Cone markers placed across front of ACFT.

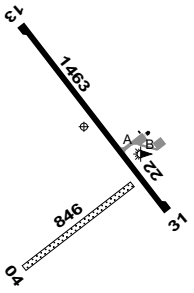
FLIGHT PROCEDURES
Right hand CCTS required RWY 10.

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME
1. WAC 3340.
2. Also refer to AIP Departure and Approach Procedures.

THARGOMINDAH — ELEV 433

AVFAX CODE 4132



QLD UTC +10 YTGM
275911S 1434839E VAR 8 DEG E CERT
AD OPR Bulloo Shire Council, PO Box 46, Thargomindah, QLD, 4492.
ARO 0437 252 979. Council PH 07 4621 8000. Fax 07 4655 3131.

REMARKS
This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES
Phone ARO. AVGAS and JET A1. Self-serve bowser AVBL H24 (Credit card swipe machine (pin only)).

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT D, METAR/SPECI.
2. AWIS PH 07 3564 3740 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

04/22	043	28c	Unrated. Red gravel	WID 30	RWS 90
13/31	132	48a	PCR 150/F/A/0.90 MPa/U	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 13/31 LIRL AFRU+PAL 126.7 SDBY PWR AVBL

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.8 3000FT

LOCAL TRAFFIC REGULATIONS

Itinerant ACFT not permitted to park on RPT apron without prior permission.

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

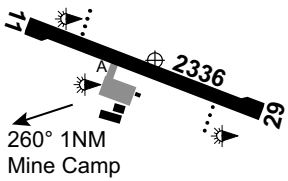
Animals may be present on aerodrome.

CHARTS RELATED TO THE AERODROME

1. WAC 3342, 3355.
2. Also refer to AIP Departure & Approach Procedures.

THE GRANITES — ELEV 1299

AVFAX CODE 8402



NT UTC +9:30 YTGT
203254S 1302100E VAR 3 DEG E CERT
AD OPR Newmont Tanami Pty Ltd, PO Box 8020, Alice Springs, NT, 0871. Email: gts.airport@newmont.com.
PH AD Manager 0407 953 412. ARO 0407 817 493 (H24).

REMARKS

PPR from AD OPR 24HR before intended OPS. Phone AD OPR.

HANDLING SERVICES AND FACILITIES

ACFT marshalling is provided for all ACFT ABV 5,700KG MTOW.

AERODROME OBSTACLES

1. Lit masts:
   a. 225FT ABV ARP, BRG 292 DEG MAG 4,918M FM SOT RWY 29, infringes HZS by 84FT.
   b. 169FT ABV ARP, BRG 274 DEG MAG 3,524M FM ARP, infringes HZS by 31FT.
2. Trees on RWS flyover.
3. RWY 11/29 transition infringement trees 400M E of RWY 11 THR 75M S of RCL infringes TNS by 41FT.
4. Crane 226FT AGL BRG 276 DEG MAG 1.9NM FM ARP, infringes inner HZS by 92FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS FREQ 133.05 (requires three one-second pulses to activate) - Report faults to AD OPR.
3. AWIS PH 08 8993 8382 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

11/29 114 77a PCR 224/F/A/1.08 MPa/U Sealed WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 11/29 LIRL PAL+AA 126.7
RWY 11/29 PAPI(1) PAL+AA 126.7 3.0 DEG52FT
RWY 11/29 PTBL(2) BY PRIOR ARRANGEMENT

(1) Left side. Solar PAPI LED LGT in use. PAPI units mounted on frangible aluminium mounting. PAPI unit solar panels located outside RWS.
(2) EMERG only. 2HR PN.
1. PAL activates AD LGT for 30 MIN.
2. RWY 11/29 edge light spacing: 60M.
3. Solar RWY and TWY LED LGT in use. Polycarbonate LGT fittings with solar panel on frangible aluminium mounting.

Information may be continued on the next page: PTO

OTHER LIGHTING
TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	118.9

LOCAL TRAFFIC REGULATIONS
1. All ACFT to track on RWY CL and turn on turning nodes only.
2. All turns to be MAX RAD and MNM speed to avoid SFC damage.
3. All jet ACFT to use idle power for movements on the APN with the exception of brakeaway thrust to initiate taxi.

FLIGHT PROCEDURES
Right hand circuits required when OPR on RWY 29.

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME
1. WAC 3231.
2. Also refer to AIP Departure and Approach Procedure.

THE LAKES

ELEV 7

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YLKS
314253S 1524329E VAR 13 DEG E UNCR
AD OPR Kym and Grant Burley, Pacific Highway, Johns River, NSW, 2443.
PH 0418 362 972.

REMARKS
Permission **MUST** be granted prior to use of The Lakes facilities.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	120.55

LOCAL TRAFFIC REGULATIONS
Preferred RWY 34 for arrivals and RWY 16 for departures.

FLIGHT PROCEDURES
All CCTS to the East.

CTAF 118.1
The Lakes is close to Camden Haven, YTRE and YPMQ.

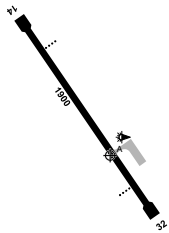
ADDITIONAL INFORMATION
1. CAUTION: Windshear can be severe in approach from either North or South.
2. Bird hazard exists.
3. RWY is bounded by an electric fence.

CHARTS RELATED TO THE AERODROME
WAC 3357.

THE MONUMENT

ELEV 949

AVFAX CODE 4318



QLD UTC +10 YTMO
214843S 1395524E VAR 6 DEG E CERT
AD OPR Incitec Pivot Ltd (Southern Cross Fertilisers), L3, 19 Stanley Street, Townsville, QLD, 4810.
Email: au_ipl_pho_aviation_aros@incitecpivotlimited.onmicrosoft.com.
PH Site 07 4747 0997: AD Manager 0408 297 265: AH 0438 603 224.
ARO 0407 967 029.

REMARKS
Restricted OPS. PPR for all OPS.

HANDLING SERVICES AND FACILITIES
Ground handling and fuel by prior arrangement with ARO.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT C, METAR/SPECI.
2. AWIS PH 07 3564 3741 - Report faults to BoM.
3. AWIS FREQ 129.2 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS
14/32 140 62a PCR 280/F/D/1.01 MPa/U WID 30 RWS 150

AERODROME AND APPROACH LIGHTING
RWY 14/32 LIRL PAL 119.65 SDBY PWR AVBL
RWY 14/32 PAPI(1) PAL 119.65 3.0 DEG49FT SDBY PWR AVBL
(1) Left hand side only.
RWY edge light spacing: 14/32: 90M.

OTHER LIGHTING
1. SDBY PWR switchover time: Manually activated - 1HR PN.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 122.4 5500FT

FLIGHT PROCEDURES
All pilots are required to BCST their intentions inbound on company FREQ 129.45.

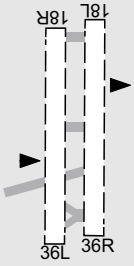
CTAF - AFRU 127.3

CHARTS RELATED TO THE AERODROME
1. WAC 3233.
2. Also refer to AIP Departure and Approach Procedures.

THE OAKS

ELEV 880

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YOAS
340502S 1503337E VAR 13 DEG E UNCR
AD OPR Grahame Onus, 995 Burragorang Road, The Oaks, NSW, 2570.
PH 0421 106 900.

REMARKS
1. Private airfield.
2. AD Charges: $5 all ACFT.
3. Entry gate locked when airfield unattended.

HANDLING SERVICES AND FACILITIES
Nearest AVGAS: Camden AD (YSCN, 7NM ENE).
Nearest MOGAS: BP Service Station, 38 John St, The Oaks (2KM FM airfield).

Information may be continued on the next page: PTO

PHYSICAL CHARACTERISTICS
1. RWY 18R/36L 900M. Grass.
2. RWY 18L/36R 800M. Grass.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA SYDNEY CENTRE 124.55

FLIGHT PROCEDURES
1. All CCT to W of AD.
2. Avoid overflying township of The Oaks.

CTAF 126.7

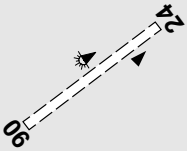
ADDITIONAL INFORMATION
1. CAUTION: All surfaces become soft after heavy rain.
2. CAUTION: Tall trees in close proximity to THR of RWY 36L/R and 18L.
3. CAUTION: Burragorang Rd runs in close proximity to the THR of RWY 18L/R. Cross at a safe height.

CHARTS RELATED TO THE AERODROME
WAC 3456.

THE VALE

ELEV 723

FULL NOTAM SERVICE NOT AVBL



TAS UTC +10 YVAL
412548S 1461548E VAR 14 DEG E UNCR

AD OPR The Vale Tasmania Pty Ltd, 864 Claude Road, Sheffield, TAS, 7306.
Email: airfield@thevale.com.au. PH 03 6287 6995.
Website: www.thevale.com.au/the-vale-airfield.

REMARKS
Landing fees apply for commercial operators. Contact AD OPR for details.

PASSENGER FACILITIES
LG/WC/AC.

AERODROME OBSTACLES
1.2M fence at the end of each RWY.

PHYSICAL CHARACTERISTICS
06/24 43c Unrated. Grass. RWY LEN 1,300M. Slope RWY ends level, centre section 3.6% up to SW then 3.5% down. Turn pad THR RWY 24. WID 35

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 120.7 Circuit Area

LOCAL TRAFFIC REGULATIONS
1. Preferred landing direction RWY 24.
2. Visiting ACFT PRKG on concrete pad.

CTAF 126.7

ADDITIONAL INFORMATION
1. Bird hazard exists.
2. Severe TURB BTW RWY and Mt Roland with southerly wind blowing.
3. Caution due to high trees, high ground and possible wind shear on both approaches.
4. Animal hazards exists.
5. See website for further information.

CHARTS RELATED TO THE AERODROME
WAC 3556.

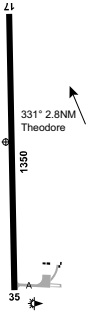
THEODORE

ELEV 560

AVFAX CODE 4065

QLD		UTC +10	YTDR
245911S	1500535E	VAR 10 DEG E	CERT

AD OPR Banana Shire Council, PO Box 412, Biloela, QLD, 4715.
Email: enquiries@banana.qld.gov.au. PH 07 4992 9500, H24 0429 340 390.



REMARKS

AD AVBL HJ only.

AERODROME OBSTACLES

Lit mast 912FT AMSL BRG 311 MAG 2.7NM FM ARP. Infringes horizontal SFC by 214FT.

PHYSICAL CHARACTERISTICS

17/35 170 44a Unrated. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 17/35 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG use only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 135.3 2500FT

CTAF 126.7

ADDITIONAL INFORMATION

1. Kangaroo hazard exists.
2. PRKG bay on APN to be kept clear BTN 0830-1500 Local MON, WED and THU for Saab 340 scheduled CHTR FLT PRKG.

CHARTS RELATED TO THE AERODROME

1. WAC 3340, 3341.
2. Also refer to AIP Departure and Approach Procedures.

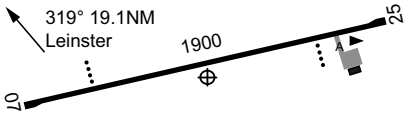
THUNDERBOX

ELEV 1704

AVFAX CODE 6116

WA		UTC +8	YTHN
280914S	1205621E	VAR 1 DEG E	CERT

AD OPR Northern Star (Thunderbox), Locked Bag 2, Leonora, WA, 6438.
Email: tboaerodrome@nsrltd.com. PH 08 6228 9500. ARO H24 0483 188 518.
Website: www.nsrltd.com.



REMARKS

1. PPR from AD OPR.
2. AD AVBL HJ only EXC for EMERG.

HANDLING SERVICES AND FACILITIES

Ground handling and fuel (JET A1) by prior arrangement with AD OPR.

PASSENGER FACILITIES

WC.

Information may be continued on the next page: PTO

AERODROME OBSTACLES

1. Fence parallel to RWY CL, 53M S of RWY CL, infringes transitional SFC by 2FT.
2. Mine site BRG 119 DEG MAG 4.5NM FM ARP.
3. Unmarked and unlit mast 1,893FT AMSL BRG 068 DEG MAG 2.8NM FM ARP, infringes conical SFC by 40FT.
4. Trees located parallel to RWY 07/25 CL, EXTD APRX 100M N, 100M S and along full length of RWY. Infringes transitional SFC by up to 4FT.

PHYSICAL CHARACTERISTICS

07/25 075 62a PCR 230/F/A/Y/T Sealed. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 07/25 PAPI(1) 3.0 DEG52FT

(1) Left side. Manually activated 2HR PN. PAPI intensity manually controlled by ARO via CTAF 126.5.

OTHER LIGHTING

RWY 07/25: Night emergency lights AVBL 2HR PN.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 118.95

LOCAL TRAFFIC REGULATIONS

1. RWY 07/25: all fixed wing ACFT must make MAX RAD turns at MNM speed at all RWY ends to avoid SFC damage.
2. Day VMC OPS only.

CTAF 126.5

CHARTS RELATED TO THE AERODROME

WAC 3352.

THYLUNGRA

ELEV 540

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YTHY

260536S 1432709E VAR 8 DEG E UNCR

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 118.8 6000FT

CTAF 126.7

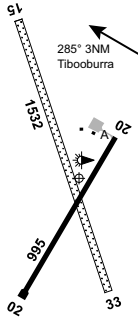
CHARTS RELATED TO THE AERODROME

WAC 3342.

TIBOOBURRA

ELEV 584

AVFAX CODE 2209



NSW UTC +10 YTIB

292704S 1420328E VAR 8 DEG E CERT

AD OPR Tibooburra Aviation Reserve Trust, PO Box 1840, Dubbo, NSW, 2830. PH 02 6883 5400. ARO 0419 283 663. Fax 02 6884 2067.

HANDLING SERVICES AND FACILITIES

Tracy Hotchin (Tibooburra Hotel). Phone to check fuel availability. Airport transfers and accommodation AVBL. PH 08 8091 3310. AVGAS, JET A1.

AERODROME OBSTACLES

1. Lit OBST - 853FT 300 DEG MAG 5,231M from ARP.
2. Unlit OBST - 930FT 286 DEG MAG 5,194M from ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 02 9353 6454 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

02/20	022	33a	Unrated. Sealed	WID 18	RWS 90
15/33	153	50c	Unrated. Red Gravel	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 02/20 - Avlite Solar airfield lights. HN. EMERG only.

OTHER LIGHTING

1. TWY LGT: Blue edge.
2. IWI - Solar powered.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 126.5 On Ground

CTAF 126.7

ADDITIONAL INFORMATION

1. Animal hazard exists. New animal proof fence erected.
2. Beware of unserviceable strips located 1NM NW and SE of town.

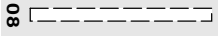
CHARTS RELATED TO THE AERODROME

1. WAC 3355.
2. Also refer to AIP Departure and Approach Procedures.

TILPA

ELEV 280

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YTLP
305532S 1442512E VAR 9 DEG E UNCR
AD OPR Central Darling Shire Council, PO Box 165, Wilcannia, NSW, 2836. PH 08 8091 5927. Fax 8091 5175.

PASSENGER FACILITIES

PT (Local only)/ACC (02 6837 3928, 6837 3963)

AERODROME OBSTACLES

Power line 500M from RWY 08.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 124.9 On Ground

CTAF 126.7

ADDITIONAL INFORMATION

Animal hazard exists

CHARTS RELATED TO THE AERODROME

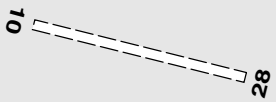
WAC 3356.

Information may be continued on the next page: PTO

TIMBER CREEK

ELEV 51

FULL NOTAM SERVICE NOT AVBL



NT		UTC +9:30	YTBR
153714S	1302644E	VAR 2 DEG E	UNCR

AD OPR Timber Creek Community Government Council, PMB 150, Timber Creek, via Katherine, NT, 0852. PH 08 8975 0860.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.6 FL120

FLIGHT PROCEDURES

Due to the proximity of live firing at the Army Bradshaw Training Area (BFTA), ACFT are to confine OPS to WI 3NM to the N of Timber Creek when the BFTA is active.

CTAF 126.7

ADDITIONAL INFORMATION

Kangaroos frequently on strip.

CHARTS RELATED TO THE AERODROME

WAC 3109.

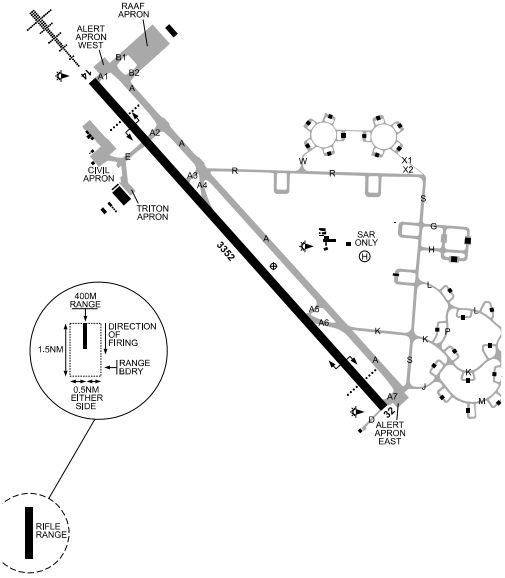
TINDAL

ELEV 443

AVFAX CODE 8002

NT		UTC +9:30	YPTN
143116S	1322240E	VAR 3 DEG E	MIL

AD OPR RAAF, Airbase Operations Centre - RAAF Base, Tindal, NT, 0853. PH 08 8973 6888 (H24).



REMARKS

1. Katherine civil airport OPR: Katherine Town Council, PO Box 1071, Katherine, NT 0851. Civil airport manager phone 0448 821 745, Email: yptnado@ktc.nt.gov.au. ARO on call: 0448 821 745.
2. INTL emergency diversion AD. Availability of ATS for ACFT requiring Tindal as an emergency diversion AD can be ascertained through Tindal ABOC.
3. AD Charges: Parking charges for civil ACFT - Katherine Town Council.
4. 24HR PN required for parking of all ACFT ABV 5,700KG. On call officer Phone 08 8972 5500.
5. Air movements ADMIN (ACFT to AMS (MIL) FREQ 364.6 APRX range 115NM.
6. ATC enquiries phone 08 8973 6705 or 0408 221 783.
7. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

All AVGAS fuelled ACFT to embark/disembark all PAX at terminal before moving to fuel bowsers for refuelling.
Military Airport.
AMS Handling enquiries to be directed through TINDAL Airbase Operations Centre (ABOC) in the first instance as manned H24.
RAAF: Air movements not AVBL, Mobile Air Load Team REQ required. 2200-0700 MON-THU, 2200-0500 FRI. Refuelling SER not AVBL weekends and AH EXC with 72HR PN. Approval RQ for MIL transits. F34, LHOX, LOX. Contact ABOC.
ABOC General Enquiries: PH AD OPR.
AMS General Enquiries: AVBL through ABOC on FREQ 364.6 or PH AD OPR.
Internet, weather and phone services are AVBL in Flight Planning room contained within main AMS terminal facility.
CIVIL ACFT: VIVA Energy Aviation/Air BP - Oz Airports: 0600-1800 Local JO. PH 0467 778 606. Email: yptnado@ktc.gov.au. JET A1, AVGAS H24 bowser. AH PH RQ H24 notice (call out fee applies).

RESCUE AND FIREFIGHTING SERVICES

1. CAT 6 JO DRG Home Base MIL JET OPS. CAT 4 OT.
2. CAT 6 AVBL OT 72HR PN.
3. Higher RFFS CAT up to CAT 8 AVBL 72HR PN through ABOC subject to staffing.
4. Outside TWR HR CTC RFFS via CTAF.

APRONS AND TAXIWAYS

1. TWY A, A1, A2, A7 and E WID 23M.
2. TWY K, R, S, A3, A4, A5 and A6 WID 15M.
3. TWY W, X1 and X2 WID 9M.
4. Civil APN AVBL to ACFT up to 25,000KG MTOW. Code B ACFT.
5. TWY E - PCR 260/F/C/1.93 MPa/U.
6. TWY E not AVBL to ACFT ABV 25,000KG MTOW.
7. TWY K - PCR 300/F/C/1.93 MPa/U.

SURFACE MOVEMENT GUIDANCE

Lit DIST to run markers OVRN 1,000FT.

AERODROME OBSTACLES

1. TWR (lit) 640FT AMSL PSN 143033.76S 1322331.44E. Infringes OLS by 62FT.
2. Sinkholes of varying size can occur anywhere on the Tindal airfield and may be a hazard during a runway excursion. Not all sinkholes will be marked and may also be hidden by vegetation.
3. Radar TWR (lit) 642FT AMSL PSN 142934.36S 1322331.01E. Infringes OLS by 63FT.
4. Antennas:
   a. 603FT AMSL PSN 142934.95S 1322348.48E. Infringes OLS by 24FT.
   b. 614FT AMSL PSN 142934.31S 1322348.70E. Infringes OLS by 35FT.

Information may be continued on the next page: PTO

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, TAF3 issued hourly AVBL during MO HR, AD WRNG.
2. AWIS PH 08 7922 2514 - Report faults to BoM.
3. AWIS FREQ 316.3 - Report faults to AD OPR.
4. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM Defence MO 08 7978 2257 when staffed. AH AVBL FM MWO TEL 08 8920 3814.

PHYSICAL CHARACTERISTICS

14/32 136 110a PCR 630/F/C/1.93 MPa/T Grooved. B747. WID 45 RWS 230

ARRESTING GEAR

RWY 14 (5)	BAK 12/14	--------	BAK 12/14	RWY 32
	451 (1,480)		462 (1,515)	

1. Recessed bi-directional BAK 12/14 Hookcables INSTL 451M (1,480FT) FM THR RWY 14 and 462M (1,515FT) FM THR RWY 32. Marked by dayglo orange disks.
2. DIST BTN Cables 2,440M (8,005FT).
3. NML OPR PSN for arrestable ACFT:
   a. LDG (dry RWY) - both ends down.
   b. LDG (wet RWY or tailwind component) - DEP end up, APCH end down.
   c. DEP (wet/dry RWY) - DEP end up, APCH end down.
   d. DEP end up on pilot REQ at anytime.
4. Non-arrestable ACFT or during CTAF HR, both ends down. In the event of PWR failure, cables will rise to a HGT of 10CM until restored. Recommend ACFT not approved to trample hookcables OPR BTN cables during CTAF HR.
5. CONC absorber housing 1FT high ADJ RWY edge.

AERODROME AND APPROACH LIGHTING

RWY 14/32	MIRL		SDBY PWR AVBL
RWY 14/32	PTBL		
RWY 14	HIAL-CAT I		
RWY 14	PAPI(1)	3.0 DEG57FT	
RWY 14	SFL		
RWY 32	PAPI	3.0 DEG57FT	

(1) Small ACFT may experience harmonisation separation from ILS GP prior to THR.

1. **ALS type and length**
   a. RWY 14 - distance coded CL: 900M.
2. PTBL AVBL for CIV ACFT outside TWR HR. 30 MIN PN.
3. AD LGT (including PAPI) AVBL outside TWR HR. Fixed LGT settings outside TWR HR
4. For AD LGT (including PAPI) outside TWR HR, CTC base fire on 119.7 at 30NM Tindal or on TAX.
5. Ambient light detector determines day/evening/night modes.
6. Settings for day/evening/night modes are changed with REF to long term seasonal conditions.
7. Possible 15-30 SEC switchover period during PWR outage for SDBY PWR.
8. RWY 14/32 edge light spacing: 60M.

OTHER LIGHTING

1. CIV terminal flood LGT switch located outside terminal building on 1HR timer.
2. RPT APN LGT can be turned on by phoning 08 8971 1970, once connected press #2, LGT stay on for 1HR.
3. TWY LGT: Green CL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.6 On Ground (Outside TWR HR)
ACD	TINDAL DELIVERY	128.1 241.2
AFIS	TINDAL INFORMATION	119.7 (2)
APP	TINDAL APPROACH	120.95 243.0 261.4
ATIS	TINDAL	112.3 124.0 (1) 316.3 (1)
SMC	TINDAL GROUND	135.85 264.3
SMCV	TINDAL GROUND	127.25
TFC	TINDAL TRAFFIC	125.8 254.7
TWR	TINDAL TOWER	119.7 243.0 257.3

(1) ATIS BCST 124.0, 316.3 DRG ATS HR. ATIS AVBL H24 on phone 08 7978 2183, AWIS OT. AWIS AVBL H24, see MET.
(2) AFIS may be operating at Tindal outside TWR HR. Activation notified on ATIS, CS "Tindal Information". Procedures and services IAW AIP GEN 3.3 Flight Information Service, plus control of AD LGT, arrestor cables and callout of EMERG services. During hours of operation CTC 08 8973 6740.
1. Automatic retransmit FAC exists BTN FLW FREQ: 120.95/261.4; 119.7/257.3; 125.8/254.7; 135.85/264.3; 130.1/342.5; 128.1/241.2.
2. FREQ 243 - Guarded DUR ATS HR. Test TRANS of 10 SEC DUR 2330-2340 MO.
3. ATS/AD hours as required in support of local MIL and exercise operations. Other ACFT requesting ATS must coordinate requirements through Tindal ABOC (08 8973 6888), tdl.aboc@defence.gov.au, or nominate requirements in Air Tasking Order. Availability of ATS for ACFT requiring Tindal as an emergency diversion aerodrome can be ascertained through Tindal ABOC.
4. CTR may be activated at any time. Pilots RQ to confirm status by monitoring ATIS or through Brisbane Centre 122.6.

RADIO NAVIGATION AND LANDING AIDS

DME	ITN	110.7/ 44X (RWY14)	143039.3S	1322157.6E	(5)
GP	ITN	330.2 (RWY14)	143039.3S	1322157.5E	
ILS	ITN	110.7 (RWY14)	143159.0S	1322315.2E	(3)
LOC	ITN	110.7 (RWY14)	143159.0S	1322315.2E	
TAC	TDL	112.3/ 70X	143124.4S	1322222.8E	(2)(4)
VOR	TN	112.3	143109.1S	1322215.6E	(1)

(1) 101/0.41 to ARP - Voice modulated - Transmits voice to ACFT with COM failure.
(2) TACAN cone of silence 61.7DEG, associated tolerance:
a. 2000FT AGL - 0.004NM
b. 5000FT AGL - 0.1NM
c. 10000FT AGL - 0.21NM
d. 20000FT AGL - 0.42NM
(3) ILS critical area not protected outside ATS HR. Pilot Monitored outside TN ATC HR of SER.
(4) No azimuth guidance inbound and outbound DIST.
(5) Antenna ELEV 426FT.

New intermediate holding point installed on TWY E associated with ILS critical area.

LOCAL TRAFFIC REGULATIONS

1. TWY A (14L/32R), TWY R (09/27) & TWY S (18/36) are marked and can be lit as RWY. Only AVBL for use as a RWY by ACFT unable to divert due fuel or with declared EMERG AND when RWY 14/32 not AVBL.
2. Taxiways East of TWY A not AVBL to CIV ACFT. When ATC active, CIV ACFT may be directed to taxi via TWY R and TWY S.
3. Light ACFT REQ not to conduct engine run-ups on RPT apron.
4. Multi ENG propeller ACFT are not to conduct full PWR ENG runs on paved hardstand due to creation of Foreign Object Debris (FOD).
5. To preserve RWY grooving, ACFT with MTOW of 25,000KG or more RQ 180 DEG turns on RWY, must execute turns at THR ends of RWY (beyond grooved section) unless directed by ATC or NOTAM. ACFT RQ to use MAX radius turns.
6. Parking ACFT on the MIL hardstand is not AVBL unless prior approval has been sought from the Executive Officer, RAAF Base Tindal, 08 8973 6888. Civil ACFT parking is AVBL on Civil Apron. GA ACFT to remain clear of stands 1 & 2.
7. All DEP ACFT are to make first CTC with Tindal ACD to pass details if RQ and obtain AWY CLR. For all arriving and transiting VFR ACFT if FLT details are not known by Tindal make first CTC with Tindal ACD to pass details and obtain SSR code.
8. ATC will not provide the status of Arrestor Systems when they are in the NML OPR PSN.
9. RWY 14/32 runway strip (clear of sealed SFC) not AVBL due to multiple unmarked sinkholes.

Information may be continued on the next page: PTO

FLIGHT PROCEDURES

1. All ACFT REQ circuit CLR shall CTC Tindal SMC on 135.85/264.3 to pass FLT details and obtain SSR code and AWY CLR. Circuits (Circuit Area defined as 5NM radius based on ARP):
   a. Jet - 2,000FT AMSL.
   b. PROP and HEL - 1,500FT AMSL.
   c. Choppers East. An area contained WI the following boundaries. E of TWY A, W of the Old Stuart Highway and not beyond THR RWY 14 or THR RWY 32. HEL area for conducting winch CCTS not above 1,000FT AMSL.
2. CCTS are to be conducted to the W side of 14/32, unless directed otherwise by ATC.
3. **General Aviation Route through the Bradshaw Field Training Area (BFTA)**
   ACFT may transit through R269/R270 via D236A/B, without notification to or clearance FM Dept of Defence. See Darwin/Tindal VNC for depiction. SFC-3,000FT.
4. **Katherine Helicopter Corridor.**
   The Katherine Helicopter Corridor is established for helicopters transiting between the following locations: Katherine Railway Station, Springvale Homestead, Moonraker, Katherine Showgrounds, Katherine Hospital, Katherine Museum, Kumbidgee Lodge Helipad, Maude Creek Airstrip and Katherine Gorge Helipad.
   The corridor is defined as 1NM either side of the Victoria Highway between the Katherine Railway Station and the intersection of the Victoria Highway and Stuart Highway, thence 1NM either side of the Katherine River between the Stuart Highway Bridge and the Katherine Gorge Helipad.
   ACFT east bound will keep to the north of the Katherine River/Victoria Highway. ACFT west bound will keep to the south of the Katherine River/Victoria Highway.
   When Tindal CTR is active, ACFT must CTC Tindal APP prior to becoming airborne. ACFT requesting clearance to any other locations within the corridor will be cleared as such:
   Radio Phraseology:
   ATC “(callsign) clearance via the HEL corridor not ABV 1,000FT”.
   ACFT read back “HEL corridor not above 1,000FT”.
5. **Victoria Highway Corridor**
   a. The Victoria Highway Corridor is a danger area corridor that has been established for civil transits of R250.
   b. The corridor extends 1-2NM either side of the Victoria Highway between the 30NM ARP and 100NM ARP TN, not above 2,500FT.
   c. Aircraft are not required to obtain a clearance from ATC when transiting within the Victoria Highway Corridor (D209).
   d. Eastbound aircraft intending to transit R249 or enter the TN CTR must request clearance on 128.1 MHz leaving the corridor at the Research Centre (30NM TN) and before commencing climb.
   e. Within the corridor, separation will not be provided from other transiting traffic or from MIL aircraft operating within adjacent restricted areas. Traffic information, if time permits, may be passed.
   f. While in the corridor pilots must maintain a listening watch on 130.2 MHz and broadcast their intentions.
   g. Aircraft tracking west within the corridor are to remain north of the Victoria Highway, and aircraft tracking east are to remain south of the Victoria Highway.
6. **Fly Neighbourly Advice 9 and 10**
   a. When operating in the ‘wedge’ refer to Special Procedures FN 9 Nitmiluk (Katherine Gorge) - National Park – Fly Neighbourly Advice.
   b. For Tindal CTR refer to Special Procedures FN 10 – Nitmiluk (Edith River Falls) - National Park – Fly Neighbourly Advice.
7. **Remotely Piloted Aircraft Systems (RPAS)**
   a. Requests are to be sent to the RPAS Liaison Officer (LO) email address: 452sqntdl.fltrpaslo@defence.gov.au.
   b. Three business days PN required. Approval subject to the nature and location of activity.

c. The following information shall be included in the request:
(i) Operator information, with at least two contact numbers.
(ii) Date and timings of operation.
(iii) RPAS details, including: type, weight and description.
(iv) Area of Operation (AO) using LAT/LONG or reference to a known location.
(v) Operating height (FT AGL).
d. Individual approval is required for each RPAS operation. Letter of agreement may be available to ongoing or complex operations. ATC approval does not constitute approval for photography of RAAF Base Tindal. Contact the Airbase Operations Centre for photography approval.

8. In the event of an EMERG, ACFT OPR at Tindal on an unattended airfield basis are to declare the EMERG to Brisbane Centre on 122.6, then advise details to the RFFS Watch Attendant (callsign 'Base Fire'). When active, ACFT may declare the EMERG to 'Tindal Information' AFIS on FREQ 119.7, who will notify RFFS and Brisbane Centre.

9. **Restricted Operating Zones (ROZS) within R250**
a. To facilitate civil operations within R250, civil ACFT may request Tindal ATC establish ROZS. These are low level, TEMP areas in which ACFT will be segregated (not separated) from MIL ACFT.
b. Requests are to be sent to Tindal airspace cell email address: tdl.airspacecell@defence.gov.au.
c. Two business days PN required. Approval subject to MIL TFC requirements. Priority may be given to OPS for the preservation of life or property.
d. The following details are required:
(i) Operator name and CTC information.
(ii) Nature of OPS.
(iii) Date and times of OPS.
(iv) Area of operations (LAT/LONG reference and radius from point preferred) and altitude of OPS.
(v) Details of ACFT involved.
(vi) FREQ monitored.
e. ATS not provided to ACFT operating inside ROZS.

CTAF - AFRU 119.7

1. Outside TWR HR.
2. An additional CTAF broadcast with intentions is strongly recommended 10NM from the airfield.

NOISE ABATEMENT PROCEDURES

1. Sensitive Area YB/S1 Katherine River Gorge APRX 13NM NNE Tindal. Refer FLIP PT 1 Sensitive Areas for geographical coordinates & vertical limits.
2. Katherine Township (TN296008) - Noise sensitive area BLW A020.

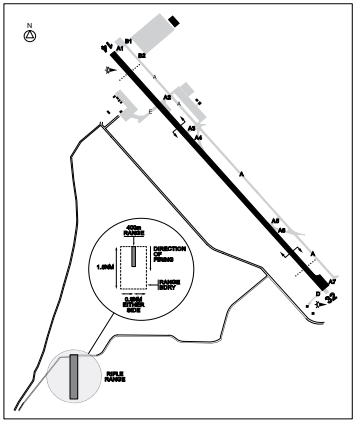
ADDITIONAL INFORMATION

1. Bird and animal hazard. Increased number of the FLW species are expected during specified times which transit through or congregate in critical FLT areas:
a. Year round: magpie-lark, bush stone-curlew, nankeen kestrel, and small number of Australian bustard and flying fox. red-tailed black-cockatoo up to 100, at dusk and dawn. Galah, lorikeet, little corella and cockatiel before 1000 and after 1600 Local.
b. DEC-May: Australian bustard peak period, groups of 10 congregate on RWY before 1000 and after 1600 Local.
c. NOV-APR: masked lapwing breeding period, increased ACT HN around THR.
d. APR-JUN and SEP-DEC: Australian pratincole flocks present WI RWY.
e. SEP-APR: increased wildlife ACT before 1000 and after 1600 Local and periods of wet WX.
f. FEB-APR and SEP-OCT: significant numbers (up to 15,000 per hour) of flying fox encountered BTN 1900-2000 Local.
g. NOV-MAY: black kite.

1.1. Species specific NOTAM may be issued during periods of increased ACT.
1.2. Notify sightings to Tindal ATC when ACT. Other times notify Tindal Base Fire on CTAF 119.7.

Information may be continued on the next page: PTO

1.3. CS 'CHASER' may BCST real-time wildlife observations on CTAF 119.7 when on duty.
2. Ultra LGT OPR FM Maude Creek Homestead, 142218.00S 1322454.00E, 2NM NE of Katherine Gorge Airstrip.
3. A 400M rifle range is LCA APRX 1.4NM SW FM Tindal ARP. ACT is indicated by R flags and ATIS when Tindal ATS is ACT. If ACT ACFT shall remain clear OPR ABV 2,000FT, or lateral avoidance can be achieved by remaining visually outside the pictorially represented area (see diagram) when at or BLW 2,000FT.



4. Demolition Range, position 143106.7S 1322423.1E (085/1.7NM FM YPTN ARP). Check NOTAM for TEMPO Restricted Area activation.
5. RFF SER will conduct AD FOD inspection twice DLY.
6. WAE may be OPR at the hook cable hut sites, inside the RWS - callsign "Cable Party". Cable Party will be on CTAF and will vacate if required for ACFT movements.
7. MIL radar in operation PSN 142934S 1322331E.
   a. Possible avionics interruptions/errors WI 125M BLW 750FT AMSL.
   b. ACFT transporting MIL ordnance to MNTN the FLW separation FM the radar PSN unless ordnance manufacturers specify shorter DIST.
      (i) Hazards of Electromagnetic Radiation to Ordnance (HERO) susceptible WI 250M/BLW 850FT AMSL.
      (ii) HERO unsafe WI 900M/BLW 850FT AMSL.
   c. PPR by ACFT planning to carry HERO susceptible or HERO unsafe ordnance into Tindal 24HR prior to ARR. Contact Tindal ABOC.

CHARTS RELATED TO THE AERODROME

1. WAC 3109.
2. MIL Aerodrome Obstruction Chart Type A: DEC 2024.
3. Also refer to AIP Departure & Approach Procedures.

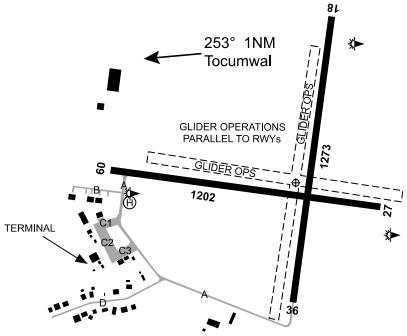
TOCUMWAL

ELEV 372

AVFAX CODE 3056

NSW		UTC +10	YTOC
354839S	1453615E	VAR 11 DEG E	CERT

AD OPR Berrigan Shire Council, 56 Chanter Street, Berrigan, NSW, 2712. Mobile 0407 069 764. Council PH 03 5888 5100.



REMARKS

Operations Manager PO Box 137, Berrigan, NSW, 2712.

HANDLING SERVICES AND FACILITIES

Aero Refuellers: PH 0413 003 808 AVGAS H24 (Aero Refuellers Carnet, MC, V) AVBL, unmanned.

PASSENGER FACILITIES

AC/PT/WC/RF.

AERODROME OBSTACLES

Telephone TWR: 546FT AMSL 277DEG MAG 2.6NM FM ARP.

PHYSICAL CHARACTERISTICS

09/27	087	39a	5700 kg/0.58 MPa	WID 30	RWS 90
18/36	177	42a	5700 kg/0.58 MPa	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 09/27 LIRL AFRU+PAL 125.5
RWY edge light spacing: 09/27: 90M.

OTHER LIGHTING

TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	118.6 4500FT

FLIGHT PROCEDURES

1. Gliding OPS HJ. Simultaneous OPS from parallel RWY.
   CONTRA CIRCUITS IN OPERATION.
   THERE IS NO DEAD SIDE WITH CONTRA CIRCUITS.
2. Gliders and tugs use separate RWS 09L/27R and 18R/36L, marked by orange gable markers. Also AVBL for tailskid-equipped ACFT.
3. Glider and tugs CCTS to N or W, other ACFT CCTS to S or E. Other ACFT must not infringe glider/ultralight CCTS BLW 1500FT AGL.
4. Right hand CCTS RWY 09R and 36R. Gliders/tugs right hand CCTS RWY 18R and 27R.
5. WHERE POSSIBLE ACFT SHOULD CONFORM TO ESTABLISHED RWY DIRECTION IN USE. Join circuit in downwind position or upwind along RWY 09R/27L or 18L/36R. In summary, powered ACFT operate to the S of RWY 09/27 and to the E of RWY 18/36.
6. If use of a crossing RWY is operationally necessary a wide circuit to join a long final clear of established circuit TFC is advised. On DEP maintain RWY heading until clear of other TFC.

CTAF - AFRU 125.5

Information may be continued on the next page: PTO

ADDITIONAL INFORMATION
1. Animal and bird hazard exists.
2. Model ACFT OPR WI 0.6NM RAD of PSN 355649.6S 1454207.3E BRG 138 MAG 9.6NM FM ARP, HJ. OPR will MNT CTAF. OPR CTC TEL: 0429 239 308. SFC TO 2,000FT AGL.

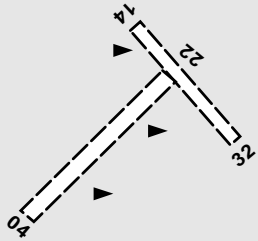
CHARTS RELATED TO THE AERODROME
1. WAC 3457.
2. Also refer to AIP Departure and Approach Procedures.

TOORADIN

ELEV 10

AVFAX CODE 3063

FULL NOTAM SERVICE NOT AVBL



VIC		UTC +10	YTDN
381256S	1452525E	VAR 12 DEG E	UNCR

AD OPR Amber Airports Pty Ltd, PO Box 40, Tooradin, VIC, 3980. PH 03 5998 3722. Website: www.ytdn.com.au.

REMARKS
1. RESTRICTED OPS. PPR from AD OPR via website.
2. Landing fees apply, refer to website.

HANDLING SERVICES AND FACILITIES
AVGAS AVBL DLY, 0900 -1700 Local, CTC AD OPR. Mobile PH and credit card required. MC and V only.

PASSENGER FACILITIES
Undercover waiting area/WC

METEOROLOGICAL INFORMATION PROVIDED
AWIS FREQ 124.75 - Report faults to AD OPR.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 123.35 Circuit Area

FLIGHT PROCEDURES
Right hand circuits REQ when OPR RWY 04 and 32.

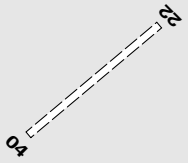
CTAF 124.2

CHARTS RELATED TO THE AERODROME
1. WAC 3469, 3470.
2. Also refer AIP Departure and Approach Procedures.

TOORAWEENAH

ELEV 1380

FULL NOTAM SERVICE NOT AVBL



NSW		UTC +10	YTWN
312630S	1485400E	VAR 11 DEG E	UNCR

AD OPR Gilgandra Shire Council, PO Box 23, Gilgandra, NSW, 2827. PH 02 6817 8800.

PASSENGER FACILITIES
Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 127.1 4000FT

CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3356, 3357.

TOOWOOMBA

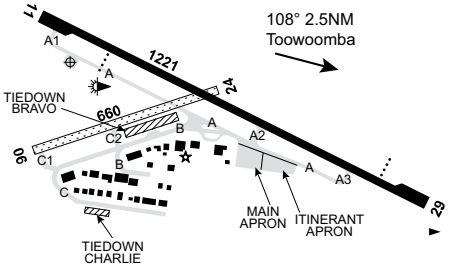
ELEV 2087

AVFAX CODE 4003

QLD UTC +10 YTWB

273229S 1515445E VAR 11 DEG E CERT

AD OPR Toowoomba Regional Council, PO Box 3021, Toowoomba, QLD, 4350.
Email: aerodrome@tr.qld.gov.au. Council PH AH 0497 099 111: BH Aerodrome 07 4688 6117.
Website: www.tr.qld.gov.au/aerodromes.



REMARKS

1. Current AD charges: see website.
2. Itinerant APN PRKG not AVBL September to November due Queensland Fire Department (Firebombers) OPS. Main APN AVBL.
3. This AD is a Security Controlled airport. To re-enter airside, find gate code under flap on airside of exit gates.
4. All ACFT are required to be secured if left unattended.
5. RWY 06/24 restricted to fixed wing ACFT BLW 2,000KG MTOW.
6. Pavement concessions required for PCR greater than 100, CTC AD OPR during BH.
7. Access AVBL in accordance with Toowoomba Region Aerodromes. Conditions of Access and Use. See website.
8. Cameras used to monitor and record ACFT movements. Data is used for billing purposes. Radio transmissions are also monitored. To avoid incorrect billing, operators should broadcast all ground movement intentions e.g. when taxiing to run-up bay for maintenance engine runs.

HANDLING SERVICES AND FACILITIES

AIRPORT FUEL FACILITY - Agent AIR BP/Austrek Aviation. JET A1 1900-0700 UTC MON-FRI. AH 1HR PN required, call out fee applies. BP Carnet, MC and V accepted. Mobile 24HR 0437 697 952. Office 07 4659 0600.

Agent IOR Aviation Pty Ltd/Darling Downs Aero Club Ltd. AVGAS and ULP 98 self-serve 24HR facility and accepts only V and MC. JET A1, IOR Aviation 0500-1700 Local MON-FRI. AH call out fee applies. EFT payment available, 1HR PN required. PH 0410 348 880.

PASSENGER FACILITIES

TX/LG/WC/ME/RF.

Information may be continued on the next page: PTO

APRONS AND TAXIWAYS

1. Main APN unrated.
2. Itinerant APN unrated, restricted to ACFT BLW 5,700KG MTOW.
3. TWY A2 and C unrated.
4. TWY A - FM A1 to A2 - Sealed, Code A, WID 10M, restricted to ACFT with OMGWS less than 5.5M. FM A2 to A3 - Sealed, Code B restricted to ACFT with wingspan of 20M or less.
5. TWY A1 - Sealed, Code A, WID 10M.
6. TWY A2 - Sealed, Code B, WID 22M.
7. TWY A3 - Sealed, Code B, WID 10M, restricted to ACFT with wingspan of 20M or less.
8. TWY B - Sealed, Code B, WID 10M.
9. TWY C - Sealed, Code B, WID 11M.
10. TWY C1 and C2 - Unsealed, Code A, WID 11M.
11. Taxilane B - Sealed Code B, WID 10M. FM TWY B to end Restricted Class B. Restricted to ACFT with wingspan of 18M or less.
12. Taxilane C - Sealed, Code B, WID 11M.

SURFACE MOVEMENT GUIDANCE

RWY 11/29: Lit distance to run markers located on southern side at 600M and 300M.

AERODROME OBSTACLES

1. Power pole 2,277FT AMSL PSN 273139S 1515518E, MIOL (steady red).
2. Communication towers:
   a. 2,482FT AMSL PSN 273034S 1515714E, LIOL (steady red).
   b. 2,528FT AMSL BRG 081 DEG MAG 3.1NM FM ARP, MIOL (flashing red).
   c. 2,309FT AMSL BRG 156 DEG MAG 2.7NM FM ARP, MIOL (steady red).
3. Flag pole 2,470FT AMSL BRG 108 DEG MAG 4.6NM FM ARP, MIOL (flashing red).
4. Water reservoir 2,315FT AMSL BRG 146 DEG MAG 1.3NM FM ARP, MIOL (steady red).
5. Light poles:
   a. Itinerant Apron eastern end 2,110FT AMSL BRG 104 MAG 0.45NM FM ARP, MIOL (steady red).
   b. Main Apron western end 2,126FT AMSL BRG 106 DEG MAG 0.35NM FM ARP, MIOL (steady red).
6. Grain silos (unlit):
   a. 2,238FT AMSL BRG 142 DEG MAG 1.9NM FM ARP.
   b. 92FT AGL PSN 273431.66S 1515522.75E.
7. Cranes 381FT AGL, infringe HZS by 76FT:
   a. PSN 273125.73S 1515623.30E.
   b. PSN 273125.28S 1515620.16E.
   c. PSN 273128.59S 1515619.55E.
   d. PSN 273129.06S 1515622.64E.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 07 3564 3742 - Report faults to BoM.
3. AWIS FREQ 127.05 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

06/24	062	22c	Unrated. Grass	WID 18	RWS 60
11/29	106	40a	PCR 100/F/B/Y/T	WID 30	RWS 90

Pavement concession required for ACR greater than 100.

AERODROME AND APPROACH LIGHTING

RWY 11/29	LIRL(2)	PAL+AA 122.4		SDBY PWR AVBL
RWY 11/29	PAPI(1)	PAL+AA 122.4	3.0 DEG45FT	SDBY PWR AVBL
RWY 11/29	RTIL(2)	PAL+AA 122.4		SDBY PWR AVBL

(1) Right side - ACT by PAL H24. SDBY PWR H24.
(2) ACT by PAL H24. SDBY PWR H24.

1. Highway with route lighting running parallel to RWY 11/29, APRX 150M N of RCL, may be mistaken for RWY. Confirm RWY identification by RWY markings/lights/RTIL.
2. RWY edge light spacing: RWY 11/29: 60M.

OTHER LIGHTING

ABN ALTN 5 WG ACT by PAL H24.

1. SDBY PWR (automatically activated) switchover time: 25 SEC.
2. TWY LGT: TWY A: CL green, TWY B partially lit: CL green, TWY A1, A2 and A3: blue edge.
3. Main and Itinerant aprons flood-lit HO.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 121.2 500FT

On ground communications may be AVBL with ATS dependent on ACFT location and building shielding. FREQ 135.6 may be tried as an alternative for cancellation of SAR.

LOCAL TRAFFIC REGULATIONS

1. Subject to weather/TFC or operational constraints, the following are the preferred departure and arrival procedures.
   a. Departures - Preferred RWYs - RWY 29 and RWY 24.
   b. Arrivals - Preferred RWYs - RWY 11 and RWY 06.
   c. Weather permitting, TKOF from RWY 06 to be avoided due noise abatement.
2. ACFT to use RWY 11/29 turning nodes when back tracking RWY.
3. Due to single lane and obstructed visibility, all TFC using TWY and/or taxilane B or C to check for oncoming ACFT and BCST intentions.
4. Run-ups for RWY 11 are to be carried out at the run-up bay located at the W end of TWY A.
5. Preferred location for maintenance ground runs is the run-up bay located at the W end of TWY A. Maintenance ground runs are not permitted in leased areas.
6. Tie-down Bravo entry/exit at TWY C2.
7. Jet ACFT to use turning nodes to bypass THR for U-turn to commence TKOF FM THR. Jet ACFT MUST commence TKOF FM THR.
8. HEL PRKG at Itinerant APN when AVBL or at Main APN Bay 1.
9. HEL training OPS occur. Contra rotating CCTS may be conducted.
10. Touch and go/stop and go circuits not permitted after 1800 Local on SAT or SUN. Refer *Fly Neighbourly Procedures - Conditions of Access and Use*.
11. Engine testing:
    a. To be conducted in designated area only: yellow-coned area on north side of RWY 06/24 e.g. engines mounted on test bed.
    b. Avoid extended engine test bed runs (longer than 60 MIN) when wind direction may carry noise into residential areas.
12. Main APN PRKG
    a. Bays 1, 2 and 3:
       (i) PPR. 48HR PN FM AD OPR (EXC RFDS).
       (ii) AVBL to ACFT ABV 5,600KG for short-term use only. ACFT requiring more than 3 nights to use Itinerant APN.
    b. Bay 1 up to DHC 8-300. HEL permitted.
    c. Bay 2 reserved for RFDS.
    d. Bay 2 and 3 MAX wingspan 18M.

FLIGHT PROCEDURES

1. Due to RWY crest ACFT **MUST** BCST intentions on the CTAF before OPR on RWY 11/29.
2. ACFT departing west should:
   a. prior to taxiing monitor Oakey ATIS on 124.3 to ascertain Oakey status.
   b. If active IFR must contact Oakey Approach on 125.4; or
   c. VFR must contact Oakey Delivery on 133.35.
3. Clearance through R654A may not be available on the YTWB/BIVAT-MESED-Q484 or Q303 routes. VFR clearances AVBL via the Warrego VFR route.
4. Departures W and SW from Toowoomba will be restricted to not above 10,000FT when R639 is active. Diversion route YTWB-MESED-Q237 or Q303 with climb to higher levels available.
5. When OK airspace is ACT arrivals FM W track MATVI LUKEY BIVAT. R639 may be active.
6. VFR transits of OK CTR via WARREGO VFR route.

Information may be continued on the next page: PTO

7. When OK airspace active, BN CEN and OK will coordinate APCH request through OK airspace for RNP RWY 11. FREQ switch from BN CEN to OK APP will be advised by ATC. Known traffic will be passed to ACFT through ATC. OK APP will transfer to CTAF APRX 2NM from TW2WF.
8. ATC will coordinate any RQMNTS with AMBERLEY when R625B or R625C are active to allow start of RNP RWY 29 instrument procedure in restricted airspace.
9. Hover practice/training to be conducted S of RWY 11 run-up bay for noise abatement.
10. No hover training ADJ to tie-down areas.

CTAF - AFRU 127.65

1. Toowoomba, Oakey and Wellcamp.
2. Excluding Oakey airspace when active.
3. Due to terrain shielding, VHF CTC with ACFT on or close to the ground at Toowoomba/ Brisbane West Wellcamp is not possible.

NOISE ABATEMENT PROCEDURES

1. AD Curfew applies. AD AVBL 1900-1300 UTC (0500-2300 Local). AH, AD only AVBL to ACFT on MED flight, EMERG and MIL use.
2. Compliance with the following Noise Abatement Procedures does not affect a pilot's responsibility to operate in accordance with civil aviation legislation and procedures.
   a. Noise sensitive area N of the AD (housing estates). Pilots are requested to avoid the area if possible, CCTS or transit not BLW 1000FT AGL.
   b. ACFT ARR-YTWB 5NM Straight in APCH preferred.
   c. ACFT DEP-RWY 11 to the S or SW recommend right turn at 3NM or 1500FT AGL.
   d. Simulated engine failure after TKOF in single engine ACFT preferred on RWY 29 or otherwise inside AD boundary.
   e. Simulated asymmetric OPS not permitted.
3. For RWY 29 departure, when practicable, enter at TWY A2 and back-track.
4. Run-ups for RWY 29 are to be carried out at the designated run-up zone east of the Main APN on TWY A. NO run-ups permitted on the Itinerant APN.

ADDITIONAL INFORMATION

1. Bird hazard exists on/in VCY of AD extending to CBD, racecourse and near landfill (BRG 011 MAG 2.0NM FM ARP) and WI circuit area.
2. European hare hazard exists.
3. Flying fox hazard exists after last LGT.
4. ACFT at opposite ends of RWY 11/29 may be out of sight from each other.
5. Qantas Group Pilot Academy operates from YBWW. CAUTION increased flight training traffic YTWB circuit and adjacent areas extending to Leyburn, Millmerran and Cecil Plains.
6. Caution: due to mechanical turbulence, secondary wind indicator may give erroneous readings.

CHARTS RELATED TO THE AERODROME

1. WAC 3340.
2. Also refer to AIP Departure and Approach Procedures.

TORQUAY

ELEV 30

FULL NOTAM SERVICE NOT AVBL

VIC		UTC +10	YTQY
381800S	1442154E	VAR 12 DEG E	UNCR

AD OPR Torqair Pty Ltd, 325 Blackgate Road, Torquay, VIC, 3228.
Email: fly@tigermothworld.com.au. PH 0447 615 100 or 0448 096 066.
Website: www.tigermothworld.com.au.

REMARKS

1. PPR.
2. Landing fees: refer 'Pilot Information' on website.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	123.35 On Ground

CTAF 119.0

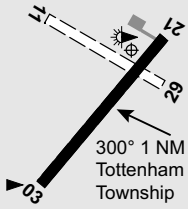
CHARTS RELATED TO THE AERODROME

WAC 3469, 3470.

TOTTENHAM

ELEV 793

FULL NOTAM SERVICE NOT AVBL



NSW		UTC +10	YTOT
321522S	1472208E	VAR 11 DEG E	UNCR

AD OPR Lachlan Shire Council, PO Box 216, Condobolin, NSW, 2877.
PH 02 6895 1900: AH 0428 951 966. Website: www.lachlan.nsw.gov.au.

AERODROME OBSTACLES

RWY 03/21 transitional slope is infringed by trees on west side.

PHYSICAL CHARACTERISTICS

03/21	40a	Unrated. RWY LEN 1,204M.	WID 18	RWS 90
11/29	23c	Unrated. Grassed red clay. RWY LEN 705M.	WID 20	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 03/21 self activated solar LGT.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	123.9 3000FT

CTAF 126.7

ADDITIONAL INFORMATION

Significant animal hazard exists.

CHARTS RELATED TO THE AERODROME

WAC 3456, 3457.

Information may be continued on the next page: PTO

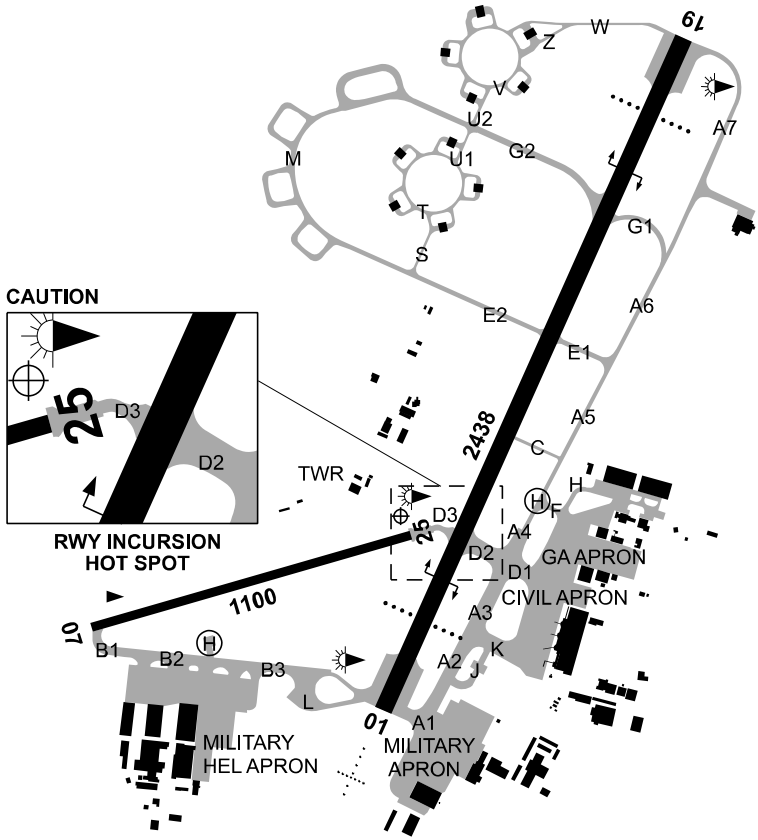
TOWNSVILLE/TOWNSVILLE INTL

ELEV 18

AVFAX CODE 4402

QLD UTC +10 YBTL
191509S 1464555E VAR 7 DEG E JOINT

AD OPR RAAF, Garbutt/Townsville Airport Pty Ltd, PO Box 7636, Garbutt, Townsville, QLD, 4814.
Email: aviation@tsvairport.com.au. PH 07 4727 3211. ARO H24 0418 771 999.
Website: www.townsvilleairport.com.au.



REMARKS

1. Conditions of Use and AD charges apply at Townsville International Airport, AVBL FM website.
2. ATS HR 2000-1200 UTC DLY. CTAF PROC apply AH. AH ATS AVBL SUBJ staffing. Require 48HR PN for approval. Email: tvl.atc@defence.gov.au.
3. This AD is a Security Controlled Airport.
4. All pilots and operators must possess and display a current Aviation Security Identification Card (ASIC) when in all areas airside unless under escort.

HANDLING SERVICES AND FACILITIES

Civil

The Airport Operator does not provide an ACFT marshalling service. All requests for ACFT marshalling should be directed to the airlines or Fixed Base Operations (if applicable).
BP - Air Fuel Townsville: 2130-0730 UTC MON-FRI, SAT-SUN 2200-0800 UTC.
PH (Office) 0420 896 241, for fuel H24 0412 777 160, VHF 126.4 Callsign “AIR BP”.
AVGAS, JET A1, O117, O125, O156. AVGAS BP Carnet bowser. EFTPOS and BP Carnet.
Skyfuel/Viva: 0430-1930 Local MON-FRI, 0445-1830 Local SAT, 0445-1830 Local SUN. AH 60MIN PN. PH 0411 423 955 (office), PH 0407 167 346 (all fuel orders). JET A1, Viva Carnet card accepted.

Military

LHOX and LOX AVBL. First point of contact is Airbase Operations Centre.
Duty Crew and 27 Squadron Air Movements Townsville AVBL MON-THU 2130-0630 UTC, FRI 2130-0400 UTC excluding PH. CTC 361.6 MHZ.
Airbase Operations Centre: Phone 07 4752 1888, Mobile 0418 405 948, email: tvl.aboc@defence.gov.au.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 7 H24.
2. AVBL H24 FREQ 131.0. Request via ATC.

APRONS AND TAXIWAYS

1. **Civilian Aircraft Apron Pavement Ratings**
   a. Concrete APN unrated.
   b. Asphalt APN unrated.
   c. GA APN unrated.
2. **TWY Restrictions**
   a. TWY A, N of TWY D reduced to 15M width. Not AVBL to ACFT with wingspan greater than 36M or wheel base greater than 18M. MIL ACFT up to C-17A permitted.
   b. TWY B not AVBL to ACFT with wingspan greater than 36M or wheel base greater than 18M.
   c. TWY C not AVBL to ACFT with MTOW greater than 5,700KG.
   d. TWY D1 not AVBL to ACFT with wingspan greater than 36M.
   e. TWY E1 not AVBL to ACFT with wingspan greater than 29M. E-7A ACFT permitted.
   f. TWY E2 limited to ACFT no larger than C130. Pavement concession required for C-17, BBJ, P-8A and E-7A.
   g. TWY G1 not AVBL to ACFT with wingspan greater than 36M or wheel base greater than 18M. MIL ACFT up to C-17A permitted.
   h. TWY G2 21M wide. No shoulders. KC-30A requires pavement concession.
   i. TWY J not AVBL.
   j. TWY L not AVBL to ACFT with wingspan greater than 36M or wheel base greater than 18M.
   k. TWY M restriction between TWY G2 and Military Ordnance Loading Area (MOLA) 11, see TWY G2. For TWY M restriction between E2 and MOLA 12, see TWY E2.
   l. TWY S, T, U, V, W and Z limited to MIL fast jets.
   m. TWY A7 and G: ACFT outer main gear wheel span clearances may not be achieved on TWY curves and pilots must use judgemental oversteer to maintain edge clearance.
   n. TWY E1 centreline lighting not AVBL HN for existing RWY 01/19.
   o. TWY G1: Entry from RWY 01/19 when taxiing south not AVBL.

SURFACE MOVEMENT GUIDANCE

1. RWY 01/19 Distance-to-run markers installed.
2. RWY 07 300M and 600M to RWY end markers installed left of RWY.

AERODROME OBSTACLES

1. Lit WDI:
   a. 13FT AMSL PSN 191422.82S 1464631.08E. Infringes TNS by 13FT.
   b. 10FT AMSL PSN 191524.55S 1464548.76E. Infringes TNS by 10FT.
2. Lit buildings:
   a. 28FT AMSL PSN 191538.97S 1464557.33E. Infringes TNS by 28FT.
   b. 10FT AMSL PSN 191413.76S 1464623.53E. Infringes RWS and TNS by 10FT.

Information may be continued on the next page: PTO

3. Lit masts:
   a. TACAN, 669FT AMSL PSN 191644.35S 1464433.16E. Infringes HZS by 84FT.
   b. COM TWR, 535FT AMSL PSN 191459.11S 1464758.84E. Infringes HZS by 364FT.
   c. COM TWR, 980FT AMSL PSN 191530.73S 1464808.70E. Infringes HZS by 816FT.
   d. 53FT AMSL PSN 191518.63S 1464552.72E. Infringes TNS by 53FT.
   e. 1,683FT AMSL on Magnetic Island PSN 190817.80S 1464937.57E. Infringes TKOF/APCH by 870FT.
   f. Radar dome, 705FT AMSL PSN 191119.41S 1464553.56E. Infringes HZS by 311FT.
   g. Mt Stuart TWR, 2,345FT AMSL PSN 192036.50S 1464650.27E. Infringes outer HZS by 1,840FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, TAF3 issued hourly AVBL during MO HR, AD WRNG, WS WRNG.
2. AWIS PH 07 3564 3743 - Report faults to BoM.
3. AWIS FREQ 133.5 AVBL outside TWR HR - Report faults to AD OPR.
4. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM MO 07 3239 8731 when staffed. AH AVBL FM MWO 07 3239 8721.

PHYSICAL CHARACTERISTICS

01/19	017	80a	PCR 710/F/C/X/T Grooved. N and S ends concrete ungrooved.	WID 45	RWS 300
07/25	067	36a	PCR 200/F/C/1.05 MPa/T Asphalt.	WID 30	RWS 90

ARRESTING GEAR

RWY 01	BAK 12/14 (R)(B) 445 (1,460)	--------	BAK 12/14 (R)(B) 445 (1,460) RWY 19

1. Recessed bi-directional BAK 12/14 hookcable infrastructure remains 445M (1,460FT) FM THR RWY 01/19. Marked by yellow disks. DIST BTN empty cable housings 1,540M (5,080FT).
2. RWY 01 and RWY 19 hookcable arrestor systems not AVBL (cable removed).

AERODROME AND APPROACH LIGHTING

RWY 01/19	MIRL	AFRU+PAL 118.3		SDBY PWR AVBL
RWY 01/19	PTBL(2)			
RWY 01	PAPI	AFRU+PAL 118.3	3.0 DEG49FT	SDBY PWR AVBL
RWY 01	SALS	AFRU+PAL 118.3		SDBY PWR AVBL
RWY 19	PAPI	AFRU+PAL 118.3	3.3 DEG49FT	SDBY PWR AVBL
RWY 07/25	PTBL(1)			

(1) AVBL EMERG only
(2) 30 MIN PN

1. **ALS type and length**
   a. RWY 01 - distance coded CL: 420M.
2. PTBL LGT - Emergency flare path AVBL H24, laid by ARFFS.
3. PAPI RWY 19 should not be used beyond 5NM FM THR as it does not provide CLR over Magnetic Island.
4. RWY 01 PAPI AZM restricted to 8DEG either side of CL.
5. AFRU+PAL AVBL outside ATS HR. REQ for LGT can also be made THRU Brisbane ATC 120.55. Expect a 10MIN DLA.
6. RWY 01 and RWY 19 RTIL activated when threshold displaced during daylight hours only. RTIL located on both sides of RWY at 574M FM permanent THR position.
7. RWY 01/19 edge light spacing: 60M.

OTHER LIGHTING

HBN	OCC R	Mt Louisa, Mt Stuart, Mt Cook.
HBN	R	CONS - Castle Hill, Many Peaks.

1. Standby PWR generators are activated when LOW VIS procedures are imminent.
2. Standby PWR switchover time: 15 SEC.
3. TWY LGT: Green CL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE		120.55 On Ground (Outside TWR HR)
ACD	TOWNSVILLE DELIVERY	(4)	128.1 236.1
APP/DEP	TOWNSVILLE APPROACH	(2)	126.8P 134.1S 243.0 276.0 (5) 282.4S 307.8P 335.8S
ATIS	TOWNSVILLE ATIS	(3)	114.1 133.5 276
SMC	TOWNSVILLE GROUND (ACFT)		121.8 264.6
SMCV	TOWNSVILLE GROUND (VEHICLES)		119.45
TWR	TOWNSVILLE TOWER		118.3 243.0 257.8 276 (5)
VOLMET	AUSTRALIA		6676 (1) 11387 (1)

(1) H24, BCST 00 - 05 & 30 - 35. Refer AIP GEN 3.5.
(2) FIS AVBL in Class G within 36NM TL during ATS HR.
(3) ATIS available on phone 07 4752 1216.
(4) Arriving VFR ACFT shall CTC ACD to pass FLT details and obtain SSR code.
(5) Transmits voice to ACFT with COM failure.
1. FREQ 243.0 - Guarded EMERG FREQ. Test transmissions every MON FM 2300-2315
2. Automatic retransmit FAC exists BTN FLW FREQ: 126.8/307.8; 134.1/335.8; 118.3/257.8; 121.8/264.6; 128.1/236.1

RADIO NAVIGATION AND LANDING AIDS

DME	ITL	109.3/ 30X (RWY01)	191518.6S	1464552.3E		(6)(7)
GP	ITL	332 (RWY01)	191518.7S	1464552.6E		(5)(8)
ILS	ITL	109.3 (RWY01)	191406.8S	1464632.2E		
LOC	ITL	109.3 (RWY01)	191406.8S	1464632.2E		(5)
DME	TL	114.1/ 88X	191439.1S	1464529.6E		(2)
VOR	TL	114.1	191439.1S	1464529.1E		(1)
NDB	TVL	276	191449.0S	1464544.3E	Range 70 (HN 75) OW 170 (OW HN110)	(3)
TAC	TVL	112.5/ 72X	191644.5S	1464433.4E		(4)(9)

(1) 133/0.6
(2) 134/0.6 - Antenna ELEV 35 FT AMSL.
(3) 145/0.4 - ATIS, voice AVBL for EMERG - POSS BRG FLUC BTN 070 and 270 MAG BLW 11,000FT AMSL - Pilot MNT DRG CTAF HR.
(4) 032/2.0 - Terrain shielding BTN 140 radial - 160 radial beyond 25NM at MSA. TACAN TVL is not paired with or co-located with TL VOR/DME, and therefore is not to be used with:SID, ILS/DME, LOC/DME or VOR/DME approaches. Pilot MNT outside ATS HR.
(5) Pilot MNT outside ATS HR.
(6) Antenna ELEV 30FT AMSL.
(7) Poor coverage below 5500FT AMSL LTD by terrain shielding beyond 12DEG N and beyond 22DEG S of RWY CL.
(8) ILS GP critical area infringed by IWI.
(9) TACAN guidance unusable in sector area BTN 139 radial and 149 radial.

LOCAL TRAFFIC REGULATIONS

1. Code D ACFT or larger LDG RWY 01 require roll through and conduct 180 DEG turn on THR and backtrack to TWY A1 or D2. Code D ACFT or larger restricted to:
   a. TWY A1, A2, A3;
   b. TWY D2 and
   c. TWY K.

Information may be continued on the next page: PTO

2. **LOCAL TRAFFIC**

2.1 **Booking Procedure**

a. ACFT conducting AWK within TVL CTR and CTA including SVY, IAT, or circuit training must contact ATC for approval and slot time.

b. For SVY, OPR are to email AWK maps to tvl.atc@defence.gov.au 7 working days before the planned activity, and prior to contacting ATC. For IAT and CTR OPS (including circuit area), OPR are to book using the online book AWK website: www.qld.bookawk.com.

c. OPR are to contact the following telephone numbers for SVY AWK confirmation, or if unable to book IAT or CTR AWK online:
   (i) CTA AWK (APP): 07 4752 1207.
   (ii) CTA AWK (TWR): 07 4752 1205.

d. For OPS within R751, R752, R736 and R739, OPR are to submit an air activity request to the range control by email to: dotam.rangecontrol.tfta@defence.gov.au in addition to ATC approval.

2.2 **Training Airspace**

a. **Circuit Area.** All ACFT REQ circuit CLR shall CTC TL SMC to obtain SSR Code and airways CLR. TL Circuit Area defined as 5NM radius of TL ARP. Preferred circuit direction is as follows:
   (i) **RWY 01** - Left hand CCTS, avoiding Cape Pallarenda built up areas;.
   (ii) **RWY 07** - Left hand CCTS;
   (iii) **RWY 19** - Right hand CCTS, avoiding Cape Pallarenda built up areas; and
   (iv) **RWY 25** - Right hand CCTS

2.3 **TL North Eastern Training Area (NETA).** The TL NETA is an IFR training area, defined as TL 025-080 VOR radials, 10-30DME. Entry and exit gates are RWY dependant.

a. When RWY 01 is in use:
   (i) Entry gate via KAGES.
   (ii) Exit gate via REGIN.

b. When RWY 19 is in use:
   (i) Entry gate via REGIN.
   (ii) Exit gate via KAGES.

2.4 **Townsville Field Training Area (TFTA)**. MIL HEL regularly OPR WI the lateral boundaries of R736, R739, R751, R752 and D745 whilst the relevant airspace is not ACT. Suggest ACFT OPR in Class G airspace WI the boundaries of this airspace MNT FREQ 126.05 to ensure appropriate situational awareness is maintained with respect to MIL Class G OPS.

2.5 **Town Common.** The Town Common is defined as the area bounded by a line from the Radar Site (RDRS), to the Western airfield boundary fence, through the HF transmitter site to the Bohle River, along the Bohle River and the Coastline back to the RDRS. Town Common has the following sectors that may be used by ATC:

a. **Many Peaks.** The portion of the Town Common North of the Southern slopes of Many Peaks (MYP).

b. **Town Common East.** The portion of Town Common East of the line running South from the Southern point of MYP and south of the southern slopes of MYP.

c. **Town Common West.** The portion of Town Common West of the line running South from the Southern point of MYP and south of the southern slopes of MYP.

2.6 **Helo West.** Helo West is defined as an area within the following lateral limits: in a clockwise direction from the southern slopes of Many Peaks Range to the western edge of the Northern Ordinance Loading Areas (requirement to remain one mile west of the coast) to the NDB (remaining north west of the Navaid) to the HF TX site (remaining east of the facility) to the southern tip of Many Peaks Range (requirement to remain one mile east of the Bohle River). ACFT can expect clearance of Helo West, not ABV 1,000FT AMSL or requested level.

2.7 **D779 (Cape Cleveland).** Suggest ACFT OPR in D779 MNT FREQ 126.05 to ensure appropriate situational awareness is MNTN with respect to OPS in Class G Airspace WI the confines of the Danger Area. Tracking to/from D779 is RWY dependant.

a. When RWY 01 is in use:
   (i) Outbound: via Coastal Southbound
   (ii) Inbound: Townsville via Sunzinc, expect a clearance limit of ‘The Lakes’

b. When RWY 19 is in use:
(i) Outbound: via Sunzinc
(ii) Inbound: Townsville via the Coast, expect a clearance limit of Kissing Point.

2.8 **Nil Transponder Aircraft.** Nil transponder aircraft should expect clearance via a published VFR route not above 1,500FT AMSL. Prior ATC approval is required from ATC on 07 4752 1207.

2.9 **Parking**

a. **Civil Terminal**
All charter/itinerant ACFT with MTOW greater than 5,700KG PRKG requests must be made via Townsville Airport Website> Regulatory> Aircraft Parking or by contacting the Townsville Airport ARO on 0418 771 999 with MNM 48HR PN.

b. **Visual Docking System**
Visual Docking System - Bay 1, 2, 3 and 4 - Combined azimuth and stopping nose in guidance system.

c. **General Aviation**
(i) Rotary wing ACFT must park in designated helicopter parking area unless approved by ARO. Air taxi east of AVGAS bowser prohibited. CTC ARO for approval if required.
(ii) No ACFT movement permitted east of designated wash bay aircraft parking area.
(iii) PRKG for itinerant ACFT with MTOW less than 5,700KG not permitted on leased PRKG positions. Leased PRKG positions identified by green borders painted inside PRKG clearance lines.

FLIGHT PROCEDURES

1. **ATC TRAFFIC MANAGEMENT SPEED**
When not on a SID or STAR (including vectoring) - non-fighter ACFT ARR or DEP TL must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required. ARR Fighter ACFT must not exceed 350KT IAS when within 36NM of TL, unless otherwise directed by ATC.

2. No ATS provided to CIV ACFT WI R736, R739, R751 and R752 when ACT.

3. **DEPARTURES**

a. **General**
(i) Departures from the TL 138 to 195 VOR radial conflict with R768A and R768B. Expect requirement to either reach A020 (R768A) or A030 (R768A and R768B) by 6 DME, or lateral tracking that is plotted procedurally clear.

4. **ARRIVALS**

a. **General**
(i) Visual approaches from the TL 138 to 195 VOR radial conflict with R768A and R768B. Expect requirement to either maintain A020 (R768A) or A030 (R768A and R768B) until 6 DME, track via the LOC, or remain north or west of the Ross River from WPT RRDM.

b. **Military**
(i) **Jet aircraft.** MNM ALT 2,500FT AMSL at initial, descend 1,500FT AMSL for pitch, unless directed by ATC. MAX speed on initial 350KT, unless higher speed operationally required.
(ii) **Non-jet aircraft.** MNM ALT 1,500FT AMSL at initial, descend 1,000FT AMSL for pitch, unless directed by ATC.

5. **PALM ISLAND TRAFFIC**

a. In VMC, ACFT BLW 5,000KG MTOW can expect a coded 'CORDELIA' or 'RATTLESNAKE' clearance. The tracking requirements are:
(i) CORDELIA clearance outbound: YBTL - east of the Radar Site (RDRS) - east of Cordelia Rocks - YPAM.
(ii) CORDELIA clearance inbound: YPAM - east of Cordelia Rocks - east of RDRS - YBTL.
(iii) RATTLESNAKE clearance outbound: YBTL - mouth of the Bohle River (MBHR) - west of Rattlesnake Island (RKI) - YPAM.
(iv) RATTLESNAKE clearance inbound: YPAM - west of RKI - MBHR - YBTL.

Information may be continued on the next page: PTO

b. Expect coded clearances dependent on duty RWY:
   (i) RWY 01 and RWY 07 departure: CORDELIA coded clearance.
   (ii) RWY 01 and RWY 07 arrival: RATTLESNAKE coded clearance.
   (iii) RWY 19 and/or RWY 25 departure: RATTLESNAKE coded clearance.
   (iv) RWY 19 and/or RWY 25 arrival: CORDELIA coded clearance.
c. In IMC, expect tracking as per flight plan with a suitable standard instrument departure and level.
d. When R747 is active, expect amended tracking.

6. TRACKING INSTRUCTIONS FOR VFR ACFT TO AND FM TOWNSVILLE

a. CLR via STUART VFR ROUTE. RQ to remain E of Townsville-Charters rail line FM/TIL (inbound/outbound) 'Cluden Racecourse' (191919.72S 1464918.58E) while in CTA.
b. CLR via UPPER ROSS VFR ROUTE. RQ to remain 1NM W of Ross River and Ross River dam wall FM/TIL (inbound/outbound) ROUND MT (RMT) while in CTA.

7. **TRACKING INSTRUCTIONS FOR VFR ACFT TO AND FM TOWNSVILLE WHEN R736, R739, R751 and R752 ACT**

a. ATC have additional separation RQMNTS with restricted airspace when ACFT are inside CTA. The visual TR listed below only separate ACFT with restricted airspace when they are OCTA. A clearance to enter CTA will not be AVBL until ATC required separation standards with restricted airspace are achieved.
b. R736 and R739 only - TR S of Greenvale to YBU railway line.
c. R751 and/or R752 - TR N of Herveys Range Developmental Road.
d. R736, R739, R751 and R752 ACT SIMUL - TR S of Greenvale to YBU railway and N of Herveys Range Developmental Road BTN Paynes Lagoon and TNP.
e. Visual NAV LGT LCA at Paynes Lagoon (192730S 1460318E) and Speed Creek (192824S 1462030E).

8. **TRACKING INSTRUCTIONS FOR ACFT OPR D764**

8.1 A BLUEWATER clearance allows an aircraft to operate within the lateral confines of D764 not ABV cleared LVL. Aircraft should expect a BLUEWATER clearance via the applicable runway dependant tracking. When tracking via the coast to and from D764, aircraft must remain over land.

a. When RWY 01 is in use:
   (i) Outbound: BLUEWATER via the coast, not ABV 1,500FT AMSL.
   (ii) Inbound: YBTL via Yabulu.
b. When RWY 19 is in use:
   (i) Outbound: Yabulu DCT, not ABV 1,500FT AMSL.
   (ii) Inbound: YBTL via the coast.

8.2 ACFT OPR D764 WI Class C Airspace must MNT FREQ 126.8 and when transiting BTN Class C and Class G Airspace should also MNT FREQ 126.7 to ensure appropriate situational awareness is MNTN with respect to OPS in Class G Airspace WI the confines of the Danger Area.

9. **AIRSPACE RECLASSIFICATION OUTSIDE TWR HR**

a. Class C Airspace/CTA steps WI 36 DME TL BLW 8,500FT AMSL reclassified Class G.
b. TL TWR may recall the CTR/CTA steps at short notice. Check NOTAM and ATIS.

10. **LOW VISIBILITY OPERATIONS**

a. RWY 01/19 is capable of supporting LDG with a RWY VIS of not less than 800M.
b. Manual RV readings are provided to the control TWR. Transmissometers are not installed.

11. REMOTELY PILOTED AIRCRAFT SYSTEM (RPAS)

a. All RPAS requests are to be sent to: 452sqntvlflt.rpas@defence.gov.au.
b. A minimum of 3 business days PN is required. Approval is subject to timings, ATC workload and area of operations.
c. After approval, ATC reserve the right to restrict or cancel RPAS operations due to higher priorities.

d. Requests are to include:
   (i) Operator details and contact instructions (primary and secondary phone, plus email).
   (ii) Date and time (with alternate if applicable).
   (iii) RPAS type, weight and brief description.
   (iv) Area of operations, including LAT/LONG and/or street address including radius. Include a map screenshot if AVBL.
   (v) Operating height (FT AGL) and elevation of AO.
   (vi) Any specific operating conditions.
   (vii) Procedures for abnormal operations (lost link, escaped RPAS, communication failure).

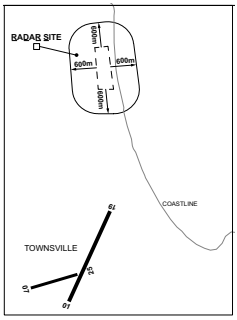
12. MIL ACFT may conduct OPS within 50NM of Townsville using Light Enhancement Devices and may not display external lighting. SFC-1,000FT AGL. Within the CTAF, when active, ACFT are to display external lighting on receipt of a CTAF broadcast from other ACFT.
13. Flight plans to/from YBTL must not be submitted more than 20 hours prior to EOBT to allow ATC system data processing.

CTAF - AFRU 118.3

CTAF procedures apply outside TWR HR.

NOISE ABATEMENT PROCEDURES

1. ACFT DEP RWY 01 or RWY 07 on a visual DEP (including VFR) shall remain at least 600M CLR of Pallarenda built up areas when BLW A020 unless directed by ATC for OPR reasons.
2. This may be achieved as follows:
   a. YBCS/YPAM DEP maintain upwind until over water then remain over water at least 600M CLR of Pallarenda.
   b. W DEP conduct left turn remaining at least 600M S of Pallarenda or maintain upwind until over water then remain over water at least 600M CLR of Pallarenda and conduct left turn N of VFR WPT RDRS (radar site) or when ABV A020.
3. Practice ENG failures are not permitted on left crosswind RWY 01.



ADDITIONAL INFORMATION

1. Bird and animal hazards at AD up to 3,000FT, with HIGH risk during DEC-MAY seasonal period at dawn and dusk (+/- 1 HR). Increased numbers of the following species are expected during the specified periods:
   a. Magpie geese and various duck species pose a hazard in proximity to the RWY strip following rain events especially FM DEC-MAR.
   b. Black kites are present year round but can be found in higher numbers FM FEB-MAY when they may be attracted to the airfield during mowing OPS.
   c. Bush-stone curlews pose a bird strike risk on the airfield during the night.
   d. Flying foxes are a seasonal risk at dawn and dusk on the approaches to the RWY (on and off airfield). Peak risk period is AUG-DEC although potential risk exists year round.
   e. Nankeen kestrels are present in higher numbers for DEC-MAY.

Information may be continued on the next page: PTO

For current information refer to NOTAMs and TAPL Bird Watch Reports.
2. RAAF Townsville Demolition Range 191454.2S 1464508.0E (261/0.74 NM FM Townsville ARP). Vertical Limit 1,600FT AGL WI 370M radius laterally. Check NOTAM for activation.
3. New ATC TWR construction 310M N of current TWR. New ATC TWR not CMSD, observe old TWR for light signals.

CHARTS RELATED TO THE AERODROME
1. WAC 3219.
2. MIL AD Obstruction Chart Type A: RWY 01 - NOV 2025.
3. Also refer to AIP Departure and Approach Procedures.

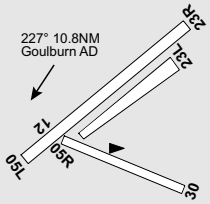
TOWRANG GLIDING

ELEV 2045

FULL NOTAM SERVICE NOT AVBL

NSW		UTC +10	YTWG
344127S	1495317E	VAR 13 DEG E	UNCR

AD OPR Southern Tablelands Gliding Club Inc, 12 Verdon St O'Connor, ACT, 2602.
PH 0418 670 291.



REMARKS
Private property. PPR. PH 0418 670 291.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	121.2 to E
FIA	MELBOURNE CENTRE	124.1 to W

FLIGHT PROCEDURES
1. ACFT transiting to or from Goulburn AD (YGLB) should BCST and MNT CTAF when in vicinity of Goulburn and Towrang Gliding aerodromes.
2. Other ACFT should BCST and MNT 127.15 when in the vicinity of Towrang Gliding.
3. RH CCTS RQ RWY 23.
4. RWY 30 not AVBL for landing.

CTAF 127.15

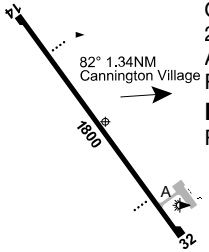
ADDITIONAL INFORMATION
1. Powerlines to the south east.
2. Electric fence across RWY 12/30.
3. Trees on approaches to RWY 05/23.
4. Wind shear in westerly winds.
5. Grazing stock may be on the AD.
6. Gliding OPS HJ launched by winch, cable up to 4,500FT in length.

CHARTS RELATED TO THE AERODROME
WAC 3456, 3457.

TREPELL

ELEV 891

AVFAX CODE 4319



QLD UTC +10 YTEE
215006S 1405317E VAR 6 DEG E CERT
AD OPR South32 Cannington, PO Box 5874, Townsville, QLD, 4810.
PH AD Manager 0404 795 855 or 07 4747 4300. ARO on Duty 0439 760 954.

REMARKS

Restricted OPS. PPR for all OPS.

AERODROME OBSTACLES

Lit mast 1,208FT AMSL, bearing 074DEG M, 0.7NM from ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 07 3564 3744 - Report faults to BoM.
3. AWIS FREQ 135.55 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

14/32 138 59a PCR 100/F/D/1.05 MPa/U WID 45 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 14/32	LIRL		SDBY PWR AVBL
RWY 14/32	PTBL(2)		BY PRIOR ARRANGEMENT
RWY 14	PAPI(1)	3.0 DEG46FT	SDBY PWR AVBL
RWY 32	PAPI(1)	3.0 DEG54FT	SDBY PWR AVBL

(1) Left side only
(2) EMERG only. 90MIN PN.
RWY edge light spacing: 14/32: 60M.

OTHER LIGHTING

1. SDBY PWR switchover time requires 1 HR PN - CTC ARO.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 123.95 3500FT

LOCAL TRAFFIC REGULATIONS

MAX radius turns required for ACFT on RWY 14/32 THR.

FLIGHT PROCEDURES

1. Right hand circuits required for RWY 14.
2. All pilots are required to BCST their intentions inbound on company FREQ 126.4.
3. All pilots without PPR are required to refrain FM overflying the mine site.

CTAF - AFRU 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3233.
2. Also refer to AIP Departure and Approach Procedures.

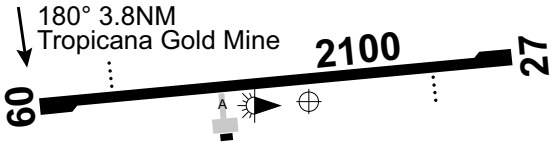
Information may be continued on the next page: PTO

TROPICANA ELEV 1104

AVFAX CODE 6403

WA		UTC +8	YTRA
291112S	1243301E	VAR 2 DEG E	CERT

AD OPR Anglogold Ashanti Australia Ltd - GPO Box B91, Perth, WA, 6838. PH 08 9265 2000: AD Manager 08 9265 2300, 08 9265 2345. ARO 08 9265 2321, 0409 310 718.



REMARKS
1. Restricted OPS. PPR from AD OPR.
2. PRI source of PWR is derived from a generator.

HANDLING SERVICES AND FACILITIES
JET A1 private installation. AVBL to scheduled and emergency ACFT only.

APRONS AND TAXIWAYS
TWY A: Unrated, sealed, WID 15M.

AERODROME OBSTACLES
1. Lit mast 1,464FT PSN 291246.10S 1243058.34E.
2. Lit weather station tower 33FT AGL PSN 291113.00S 1243301.00E 105M south of RWY centre line infringes transitional SFC.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT C, METAR/SPECI.
2. AWIS PH 08 6216 2639 - Report faults to BoM.
3. AWIS FREQ 133.0 - (requires three one-second pulses to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS
09/27 087 69a PCR 201/F/A/1.04 MPa/U WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 09/27	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL
RWY 09/27	PAPI(1)	AFRU+PAL 126.7	3.0 DEG41.3FT	SDBY PWR AVBL
RWY 09/27	PTBL(2)			BY PRIOR ARRANGEMENT

(1) Left side.
(2) EMERG only. 90MIN PN.
RWY edge light spacing: 09/27: 60M.

OTHER LIGHTING
1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.75

LOCAL TRAFFIC REGULATIONS
1. All ACFT ABV 5,700KG must use turning nodes for 180DEG turns.
2. All ACFT to make MAX RAD turns at MNM speed to avoid SFC damage.

FLIGHT PROCEDURES
Right hand CCTS RWY 27.

CTAF - AFRU 126.7

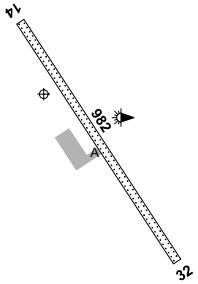
ADDITIONAL INFORMATION
Potential blasting at 1300 or 1800 WST at mine site 3.8NM south of AD.

CHARTS RELATED TO THE AERODROME

1. WAC 3352.
2. Also refer to AIP Departure and Approach Procedures.

TROUGHTON ISLAND — ELEV 27

AVFAX CODE 8607



WA UTC +8 YTTI
134506S 1260854E VAR 2 DEG E CERT
AD OPR Mungalalu North Kimberley Airport Pty Ltd, 1202 Hay Street, West Perth, WA, 6005. Email: operations@mnkairport.com.au. ARO 08 6275 9885. Website: www.mnkairport.com.au.

REMARKS

Restricted OPS: PPR

METEOROLOGICAL INFORMATION PROVIDED

METAR/SPECI.

PHYSICAL CHARACTERISTICS

14/32 146 32c 5700 kg/0.73 MPa Gravel. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 14/32 LIRL(1)
RWY 14/32 PTBL(2) BY PRIOR ARRANGEMENT
(1) EMERG only.
(2) 1HR PN.
RWY end lighting marks the extremities of the RWY strip.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 120.75 5000FT

LOCAL TRAFFIC REGULATIONS

ACFT PRKG will be on the concrete APN unless advised otherwise on arrival.

CTAF 128.0

ADDITIONAL INFORMATION

Significant bird hazard present at all times. Seagulls, terns and assorted migratory seabirds may be present on all areas of the RWY at any time of day. Significant increase in bird activity FM late afternoon to early morning.

CHARTS RELATED TO THE AERODROME

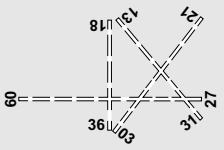
1. WAC 3108.
2. Also refer to AIP Departure & Approach Procedures.

Information may be continued on the next page: PTO

TRURO FLAT AIRPARK

ELEV 220

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YTFA
342343S 1392300E VAR 8 DEG E UNCR
AD OPR Barossa Birdmen Inc, c/o, 253 Schilling Rd, Annadale, SA, 5356.
PO Box 45, Truro SA, 5356. ARO 0474 767 807.

PHYSICAL CHARACTERISTICS

03/21	20c	Unrated. Compacted Natural SFC. RWY LEN 600M.	WID 20
09/27	30c	Unrated. Compacted Natural SFC. RWY LEN 900M.	WID 23
13/31	18c	Unrated. Compacted Natural SFC. RWY LEN 550M.	WID 24
18/36	16c	Unrated. Compacted Natural SFC. RWY LEN 500M.	WID 19

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.3

CTAF 126.7

ADDITIONAL INFORMATION

1. Beware of kangaroos at dusk and dawn.
2. Powered parachutes without radios frequently use this ALA.
3. First SAT of each month is Club flying day.
4. Be aware of the possibility of wombat holes at edges of RWY and on TWY.

CHARTS RELATED TO THE AERODROME

WAC 3458.

TULLY

ELEV 47

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YTUY
175610S 1455616E VAR 7 DEG E UNCR
AD OPR Cassowary Coast Regional Council, PO Box 887, Innisfail, QLD, 4860.
PH 07 4030 2222. PH AH 1300 763 903.

REMARKS

PPR.

PASSENGER FACILITIES

TX 131 008, PT Tully township 1NM west of AD, mobile phone coverage at AD.

PHYSICAL CHARACTERISTICS

18/36	31a	Unrated. Sealed. RWY LEN 938M.	WID 9	RWS 30

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 124.6 Circuit Area

CTAF 132.9

ADDITIONAL INFORMATION

1. Frequent PJ OPS from FL150 at aerodrome and Mission Beach.
2. Beware of large cassowary birds.

CHARTS RELATED TO THE AERODROME

WAC 3219.

TULLY HOSPITAL — ELEV 108

AVFAX CODE 4537 — **FULL NOTAM SERVICE NOT AVBL**

QLD — UTC +10 — YXTU
175537S 1455524E — VAR 7 DEG E — UNCR
AD OPR Tully Hospital, 17 Bryant St, Tully, QLD, 4854. Email: steven.davies@health.qld.gov.au.
PH Nurse Manager 07 4068 4144 H24.

REMARKS
Private use.

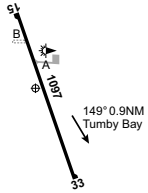
ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 124.6

CTAF 132.9

CHARTS RELATED TO THE AERODROME
1. WAC 3219.
2. Also refer to AIP Departure and Approach Procedures.

TUMBY BAY — ELEV 32

AVFAX CODE 5009



SA — UTC +9:30 — YTBB
342140S 1360542E — VAR 7 DEG E — CERT
AD OPR District Council of Tumby Bay, PO Box 61, Tumby Bay, SA, 5605.
ARO BH 8688 2101: AH 0427 882 074. Council PH 08 8688 2101.
Fax 08 8688 2639.

PHYSICAL CHARACTERISTICS
15/33 153 36a 5700 kg/0.55 MPa Unrated. WID 18 RWS 90

AERODROME AND APPROACH LIGHTING
RWY lighting EMERG only by prior arrangement.

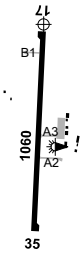
ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 125.9 On Ground

CTAF 128.0

CHARTS RELATED TO THE AERODROME
1. WAC 3459.
2. Also refer to AIP Departure and Approach Procedures.

TUMUT — ELEV 863

AVFAX CODE 2107



NSW — UTC +10 — YTMU
351546S 1481427E — VAR 12 DEG E — CERT
AD OPR Snowy Valleys Council, 76 Capper Street, Tumut, NSW, 2720.
ARO 0429 814 400: 0477 779 266. ARO AH 0427 470 555. Council PH 1300 275 782.

REMARKS
ACFT PRKG fees apply, see council fees and charges schedule.

HANDLING SERVICES AND FACILITIES
Skyfuel: AVGAS and JET A1, H24 self service bowsers accepts MC, V and Skyfuel carnet card. Phone 0418 862 100 or 0417 780 280. Refer to www.skyfuel.com.au for site information and orientation.

Information may be continued on the next page: PTO

PASSENGER FACILITIES
Telephone facilities not AVBL. Mobile phone coverage AVBL.

AERODROME OBSTACLES
1. Multiple tress in groups obstructing transitional SFC:
   a. 916FT AMSL BRG 167 DEG MAG 1,538M FM ARP.
   b. 947FT AMSL BRG 167 DEG MAG 1,697M FM ARP.
   c. 969FT AMSL BRG 165 DEG MAG 1,610M FM ARP.
   d. 939FT AMSL BRG 178 DEG MAG 1,116M FM ARP.
   e. 926FT AMSL BRG 165 DEG MAG 1,241M FM ARP.
   f. 964FT AMSL BRG 164 DEG MAG 1,438M FM ARP.
   g. 963FT AMSL BRG 164 DEG MAG 1,475M FM ARP.
   h. 894FT AMSL BRG 047 DEG MAG 113M FM ARP.
   i. 892FT AMSL BRG 304 DEG MAG 119M FM ARP.
   j. 886FT AMSL BRG 308 DEG MAG 111M FM ARP.
2. Multiple tress in groups obstructing take off/approach SFC:
   a. 913FT AMSL BRG 170 DEG MAG 1,512M FM ARP.
   b. 933FT AMSL BRG 167 DEG MAG 1,698M FM ARP.
   c. 938FT AMSL BRG 167 DEG MAG 1,697M FM ARP.
   d. 911FT AMSL BRG 168 DEG MAG 1,531M FM ARP.
3. Lit mast 1,354FT AMSL BRG 158 DEG MAG 3,381M FM ARP, infringes inner HZS.
4. Aerial 894FT AMSL BRG 164 DEG MAG 795M FM ARP, infringes transitional SFC.

PHYSICAL CHARACTERISTICS
17/35 170 35a 5700 kg/0.58 MPa Sealed WID 18 RWS 90

AERODROME AND APPROACH LIGHTING
RWY lighting manual switching AVBL for EMERG OPS only. CTC ARO prior to DEP for YTMU to arrange for lights to be switched on.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 119.5 Circuit Area

LOCAL TRAFFIC REGULATIONS
SE RWY shoulder FM TWY not AVBL for ACFT landing or TKOF.

CTAF 126.85

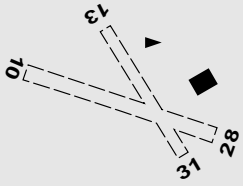
NOISE ABATEMENT PROCEDURES
Pilots are encouraged to adopt fly neighbourly procedures that are designed to minimise the effects of ACFT noise on rural, residential and populous areas.

ADDITIONAL INFORMATION
Hang gliders operate HJ at AD and WI 5NM, BLW 5,000FT AMSL. Ground base radio monitors CTAF during hang gliding OPS.

CHARTS RELATED TO THE AERODROME
1. WAC 3456, 3457.
2. Also refer to AIP Departure and Approach Procedures.

TUNBRIDGE

ELEV 720
FULL NOTAM SERVICE NOT AVBL



TAS UTC +10 YTUN
420640S 1472146E VAR 15 DEG E UNCR
AD OPR Soaring Club of Tasmania, PO Box 366, North Hobart, TAS, 7002. PH President 0414 326 804 or CFI 0419 992 264.
Website: www.soaringtasmania.org.au.

REMARKS
Gliding in progress HJ.

PHYSICAL CHARACTERISTICS

10/28	23c	Unrated. Grass. RWY LEN 690M.	WID 30
13/31	15c	Unrated. Grass and gravel. RWY LEN 450M.	WID 30

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	HOBART CENTRE	125.55

LOCAL TRAFFIC REGULATIONS

1. Powered ACFT use RWY 10/28.
2. Pilots should make a careful inspection before LDG.

CTAF 126.7

ADDITIONAL INFORMATION

1. Glider strip 10L/28R adjacent to RWY 10/28.
2. CAUTION:
   a. RWY 13/31 is prominent. RWY 10/28 can be difficult to identify.
   b. Sheep may be grazing on the airfield.
   c. Adjacent RWY 13/31 extends to the south. Conditions not monitored.

CHARTS RELATED TO THE AERODROME

WAC 3556.

TURTLE PARK

ELEV 120

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YTPK
211230S 1485842E VAR 8 DEG E UNCR
AD OPR Airwolf Aviation, 171 Tedfords Road, Victoria Plains, 4751. PH 07 4954 4003. Mobile 0419 026 612.

REMARKS

PPR - Airwolf Aviation PH 07 4954 4003 or 0419 026 612.

PASSENGER FACILITIES

ME, fuel, parking and transport AVBL on REQ.

PHYSICAL CHARACTERISTICS

09/27	41c	Unrated. Grass. RWY LEN 1,250M. RWY 27 DTHR 250M.	WID 60

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	135.5

CTAF 132.05

ADDITIONAL INFORMATION

AD located inside Kinchant Broadcast area.

CHARTS RELATED TO THE AERODROME

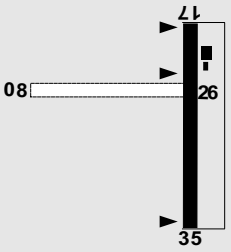
WAC 3234, 3235.

Information may be continued on the next page: PTO

TYABB

ELEV 88

FULL NOTAM SERVICE NOT AVBL



VIC UTC +10 YTYA
381600S 1451030E VAR 12 DEG E UNCR
AD OPR Peninsula Aero Club, Stuart Road, Tyabb, VIC, 3913.
Email: pac@pac.asn.au. PH 03 5977 4406;
AH EMERG only 0415 563 274 or 0413 605 937. Fax 03 5977 4874.
Website: www.pac.asn.au.

REMARKS

1. PPR FM PAC Flight OPS for:
   a. all visiting ACFT including ACFT conducting CCTS.
   b. arranging PRKG, due to limited space.
2. AD charges: refer to website.

HANDLING SERVICES AND FACILITIES

Fuel supplied by IOR Aviation Pty Ltd. JET A1 and AVGAS 100LL and AVPULP (aviation unleaded fuel) AVBL H24 self-serve bowser.
Payment method via IOR Aviation tag for account holders or via the Fuelcharge APP.
PH 1300 457 467.

PHYSICAL CHARACTERISTICS

RWY 17/35 1,000M. Unrated Sealed with grass shoulders.
RWY 08/26 600M. Unrated Grass

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	135.7 Circuit Area
UNICOM	TYABB UNICOM	128.0 (1)

(1) OPR: Peninsula Aero Club, HR 0900-1700 Local. Permission to OPR is not AVBL on UNICOM. UNICOM occasionally not manned.

LOCAL TRAFFIC REGULATIONS

1. TAX IFR ACFT can CTC MELBOURNE CENTRE 123.35.
2. Use RWY 08 and 26 only when operationally RQ.
3. Night circuit training is not permitted for visiting ACFT.
4. Piston engine helicopters are to land and shut down on the TWY and be pushed to and from the AVGAS bowser. Wheels are supplied for Robinson helicopters from flight OPS.

FLIGHT PROCEDURES

1. Right hand circuit RQ on RWY 35 and 08.
2. Pilots are reminded to avoid low approaches to RWY 17 due to proximity to Mornington-Tyabb Rd.

CTAF - AFRU 128.0

NOISE ABATEMENT PROCEDURES

1. Overflight of Tyabb, Somerville and Hastings townships below 2,000FT AMSL should be avoided unless operationally required.
2. ACFT joining and operating in the circuit should minimise flight over Tyabb township.
3. Rotary wing aircraft:
   a. Rotary wing aircraft are requested to vary arrival and departure tracks;
   b. CCTS to WEST of airport at 800FT AMSL but should remain EAST of Boes Road;
   c. Helicopters may conduct CCTS to EAST of airport at 1,100FT AMSL.
4. The full noise abatement procedures can be found at http://pac.asn.au/fly-neighbourly.

ADDITIONAL INFORMATION

Local weather can be viewed at www.pac.asn.au.

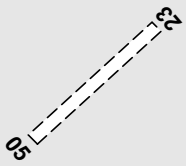
CHARTS RELATED TO THE AERODROME

WAC 3469, 3470.

TYAGARAH

ELEV 10

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YTYH
283541S 1533304E VAR 12 DEG E UNCR
AD OPR Byron Shire Council, Works Depot, Bayshore Drive, Byron Bay, NSW, 2481. Email: council@byron.nsw.gov.au. PH 02 6685 9300.
Website: www.byron.nsw.gov.au.

REMARKS

AD charges apply (pay station located NW of PRKG area).
Refer to website for current fees and charges.

AERODROME OBSTACLES

The transitional slopes and APCH and TKOF areas on both sides of and at both ends of the RWY are infringed by trees.

PHYSICAL CHARACTERISTICS

05/23 31c Unrated. Grass and sand. RWY LEN 950M. WID 10

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 119.5 Circuit Area

CTAF 127.55

ADDITIONAL INFORMATION

1. Gliding OPS HJ.
2. Ultralights, Microlights, GA.
3. Frequent Parachute OPS from FL140.
4. RWY surface condition varies and is not consistent.
5. RWY may be closed after rain.
6. Wildlife frequently OBS within RWS, pilots take precaution.
7. Birds in VCY.
8. Manned balloon ACT including launching and landing occur on private land ADJ to YTYH Airfield.
9. Refer to website for detailed ALA INFO (type Tyagarah in search bar). All ACFT are REQ to make themselves familiar with YTYH Fly Neighbourly Procedure and, subject to OPR and Safety considerations, to comply with preferred circuit direction.

CHARTS RELATED TO THE AERODROME

WAC 3357.

Information may be continued on the next page: PTO

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UNDARA

ELEV 2450

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YUDA
181130S 1443648E VAR 6 DEG E UNCR
AD OPR Undara Lava Lodge, Mount Surprise, QLD, 4871.
Email: res@undara.com.au. PH 07 4097 1411.
Website: http://www.undara.com.au.

AERODROME OBSTACLES

RWY 11 DTHR 140M due trees, RWY 29 DTHR 1,040M due hill.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	124.6

CTAF 126.7

ADDITIONAL INFORMATION

1. Beware of trees and fences.
2. Swamp at W end of strip.
3. AD slopes down to W.

CHARTS RELATED TO THE AERODROME

WAC 3219.

URANDANGI

ELEV 584

AVFAX CODE 4304

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YUDG
213540S 1382156E VAR 5 DEG E UNCR
AD OPR Boulia Shire Council, Herbert Street, Boulia, QLD, 4829. PH 07 4746 3188.

AERODROME AND APPROACH LIGHTING

LGT comes on automatically in HR of darkness.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.4 6000FT

CTAF 126.7

ADDITIONAL INFORMATION

Bird and animal hazard exists.

CHARTS RELATED TO THE AERODROME

WAC 3233.

Information may be continued on the next page: PTO

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VAN ROOK STATION

ELEV 140

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YVRS
165744S 1415709E VAR 6 DEG E UNCR
AD OPR Gulf Coast Agricultural Company Pty Ltd, PMB 8, Cairns MC, QLD, 4870.
Email: contact@gulfcoast.com.au. PH 07 4745 3463. Website: www.gulfcoast.com.au.

REMARKS

1. AD charges: All ACFT.
2. PPR.

HANDLING SERVICES AND FACILITIES

AVGAS and JET A1.

AERODROME OBSTACLES

1. RWY 33: Unlit mast 83FT AMSL.
2. Telstra phone TWR near homestead.

PHYSICAL CHARACTERISTICS

RWY 15/33 1,200M. WID 18M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	118.6 2000FT

CTAF 126.7

ADDITIONAL INFORMATION

Wallabies on strip around dawn and dusk.

CHARTS RELATED TO THE AERODROME

WAC 3220.

VICTOR ISLAND EAST

AVFAX CODE 4407

FULL NOTAM SERVICE NOT AVBL

QLD UTC +10 YVIE
211517S 1492512E VAR 8 DEG E UNCR
AD OPR Auriga Group, 14 Argyle St, Albion, QLD, 4010. Email: eastcoastaviation@auriga.com.au.
ARO 0438 862 962.

REMARKS

1. PPR.
2. Private use.
3. All enquiries to Head of Flying Operations (HOFO) via AD OPR. Include “ATTN HOFO” in email subject.

METEOROLOGICAL INFORMATION PROVIDED

AWIS 133.05 (requires one-second pulse to activate) - report faults to YBMK AD OPR.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	135.5
APP	CORAL APPROACH (MK)	125.65
ATIS	MACKAY	112.7 128.0

CTAF 124.5

CHARTS RELATED TO THE AERODROME

1. WAC 3235, 3234.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

VICTOR ISLAND WEST

AVFAX CODE 4415 **FULL NOTAM SERVICE NOT AVBL**

QLD		UTC +10	YVIW
211746S	1492134E	VAR 8 DEG E	UNCR

AD OPR Auriga Group, 14 Argyle St, Albion, QLD, 4010. Email: eastcoastaviation@auriga.com.au. ARO 0438 862 962.

REMARKS

1. PPR.
2. Private use.
3. All enquiries to Head of Flying Operations (HOFO) via AD OPR. Include “ATTN HOFO” in email subject.

METEOROLOGICAL INFORMATION PROVIDED

AWIS 133.05 (requires one-second pulse to activate) - report faults to YBMK AD OPR.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	135.5
APP	CORAL APPROACH (MK)	125.65
ATIS	MACKAY	112.7 128.0

CTAF 124.5

ADDITIONAL INFORMATION

Approach for HEL marine pilot transfer.

CHARTS RELATED TO THE AERODROME

1. WAC 3234, 3235.
2. Also refer to AIP Departure and Approach Procedures.

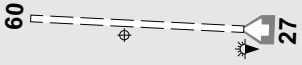
VICTORIA RIVER DOWNS

ELEV 291

AVFAX CODE 8005 **FULL NOTAM SERVICE NOT AVBL**

NT		UTC +9:30	YVRD
162413S	1310009E	VAR 3 DEG E	UNCR

AD OPR Heytesbury Cattle Company, Victoria River Downs, PMB 19, via Katherine, NT, 0852. PH 08 8975 0795. ARO 08 8975 0777 (Heli-Muster NT).



REMARKS

1. This AD is a Security Controlled Airport.
2. Landing charges apply.

HANDLING SERVICES AND FACILITIES

AVGAS not AVBL NOV - APR. AVBL only by PN MAY - OCT. PRKG/refuelling - Stop ACFT next to bowser with ACFT facing East.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 08 7922 2515 - Report faults to BoM.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.6 FL150

CTAF 126.7

ADDITIONAL INFORMATION

Blowing dust over station complex is prohibited.

CHARTS RELATED TO THE AERODROME

WAC 3222.

WAGGA WAGGA

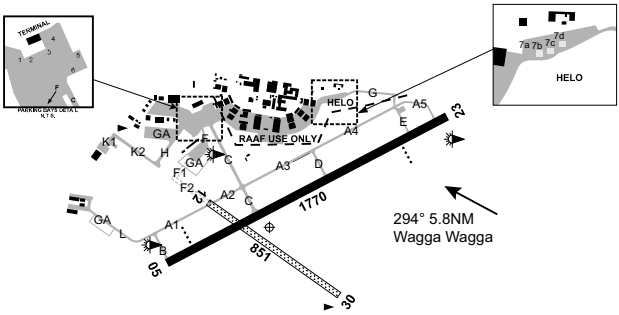
ELEV 724

AVFAX CODE 2131

NSW UTC +10 YSWG

350955S 1472759E VAR 12 DEG E CERT

AD OPR Wagga Wagga City Council, PO Box 20, Wagga Wagga, NSW, 2650. PH Airport Operations Manager 02 6926 9267 MOB 0408 638 801. ARO 02 6938 3161: 0417 658 953: 0409 771 895: Fax 6938 3146. Website: www.wagga.nsw.gov.au.



REMARKS

1. AD Charges: Refer to website (Council/Fees and Charges).
2. Pavement concessions directed to Wagga Wagga City Council as required.
3. This AD is a Security Controlled Airport. All pilots and operators must possess and display a current Aviation Security Identification Card (ASIC) when airside.
4. The wearing of high visibility clothing is mandatory except for escorted PAX.
5. GA pilots use gate 3, 80M west of terminal. No access to terminal via Scheduled Air Transport Operations (SATO) APN.
6. ACFT PRKG 0417 658 953.
7. GA pedestrians do not cross SATO APN. Access/egress terminal via gate 3 only, west SATO Bay 1.
8. **SUPPLEMENTARY MILITARY NOTICES**
   a. All transient military aircraft must submit one of the following request forms in the first instance:
      (i) a Short Term Transit Request (STTR) for visits/transits less than 48HR in duration. The STTR form can be found here: http://collab/raaf/hqcsg/SitePages/STTR.aspx. For concerns regarding STTR, contact Wagga ABCP on 02 6937 5888
      (ii) a Combat Support Request (CSR) for visits/transits 48HR, or more, in duration. The CSR webpage can be found here: http://caas/Areas/RAAF/csr/SitePages/CSR%20Home.aspx. For concerns regarding CSR, email HQ 96WG OPS PLANS: amb96wg.opsplans@defence.gov.au.
   b. Civilian aircraft requesting use of the Wagga military tarmac must obtain permission via contacts outlined in para a.
   c. Nil duty crew or air movements capability.
   d. Nil Local MIL SAR AVBL.
   e. All MIL ACFT PRKG is subject to security controls relating to CIV terminal OPS.
   f. For physical access to RAAF Base Wagga all enquiries to Wagga ABCP on 02 6937 5888 or email: wag.abcp@defence.gov.au, or out of hours on 0417 678 503.

HANDLING SERVICES AND FACILITIES

World Fuel Services: JET A1 tanker refueller, AVGAS tanker refueller and 24HR AVGAS bowser. WFS carnet card, V and MC via Compac Pay smartphone APP. Staffed 0800-1700 Local MON-FRI and 0800-1200 Local SAT/SUN. 24HR Duty Refueller PH: 0429 460 728.
Email: waggaaviationfuels@gmail.com.
FBO Service contact Wagga Air Centre 0900-1700 Local, Phone 02 6922 7122, AH 0427 227 122, Email: admin@waggaaircentre.com

Information may be continued on the next page: PTO

RESCUE AND FIREFIGHTING SERVICES

CAT 4 AVBL H24 for MIL and Civil. Fire Watchroom Phone 02 6937 4324, EMERG 02 6937 4333.

AERODROME OBSTACLES

1. Tower 1,992FT AMSL BRG 020 DEG MAG 8NM FM ARP.
2. Tall structure erected 190FT AGL BRG 302 DEG MAG 9,900M FM ARP (and BRG 104 DEG MAG 1,700M FM EMERG HEL pad ADJ base hospital).
3. Lit boundary fence (HN) 10FT AGL BRG 045 DEG MAG 1,300M FM ARP. Infringes into APCH surface RWY 23.
4. MIOL - communications mast 160FT AGL BRG 091 DEG MAG 5,715M FM ARP. Infringes OLS by 126FT.
5. Glide path antenna (lit with red LGT) 45FT AGL BRG 064 DEG MAG 881M FM ARP. Infringes RWY 05/23 transitional surface flyover area of the RWY strip.
6. Illuminated WDI lit with red LGT:
   a. 26FT AGL BRG 062 DEG MAG 1,132M FM ARP, ADJ to RWY 23 THR. Infringes the flyover area of the RWY strip.
   b. 26FT AGL BRG 262 DEG MAG 670M FM ARP, ADJ to RWY 05 THR. Infringes the flyover area of the RWY strip.
7. Poles:
   a. 60FT AGL BRG 058 DEG MAG 5,086M FM ARP. Infringes OLS by 4FT.
   b. 60FT AGL BRG 055 DEG MAG 5,069M FM ARP. Infringes OLS by 5FT.
   c. 60FT AGL BRG 057 DEG MAG 5,932M FM ARP. Infringes OLS by 18FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI. AD WRNG.
2. AWIS Phone 02 9353 6455 - Report faults to BoM.
3. AWIS FREQ 115.0 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	050	58a	PCR 170/F/C/X/T	WID 45	RWS 150
12/30	113	28c	5700 kg/0.63 MPa Grassed red clay.	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 05/23	LIRL(1)	AFRU+PAL 126.95		SDBY PWR AVBL
RWY 05/23	PAPI(2)	AFRU+PAL 126.95	3.0 DEG51FT	SDBY PWR AVBL
RWY 12/30	PTBL(3)			BY PRIOR ARRANGEMENT

(1) Not AVBL HJ.
(2) Left side.
(3) 150 MIN PN.
RWY edge light spacing: 05/23: 60M.

OTHER LIGHTING

1. Secondary PWR switchover time: 15 SEC for the following services:
   a. Essential Obstacle Lights
   b. Essential Taxiway Lights
   c. Essential Runway Edge Lights
   d. Runway End Lights
   e. Precision Approach Path Indicators
   f. Primary Wind Indicator
2. No runway centreline lights are provided.
3. TWY LGT: Blue edge on C.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	119.5 On Ground

RADIO NAVIGATION AND LANDING AIDS

DME	IWG	111.1/ 48X (RWY23)	350942.7S	1472831.0E		(2)
GP	IWG	331.7 (RWY23)	350942.4S	1472830.9E		
ILS	IWG	111.1 (RWY23)	351004.2S	1472730.1E		
LOC	IWG	111.1 (RWY23)	351004.2S	1472730.1E		
DME	WG	115.0/ 97X	350956.6S	1472808.2E		(1)
NDB	WG	221	350946.9S	1472720.1E	Range 80 (HN 80)	
VOR	WG	115.0	350956.7S	1472808.7E		

(1) Antenna ELEV 738FT.
(2) Antenna ELEV 717FT.

LOCAL TRAFFIC REGULATIONS

1. MIL tarmac space restrictions apply, this may necessitate larger ACFT having to reverse into nominated PRKG area.
2. TWY A and TWY B AVBL to all code C ACFT with a MAX ACN of 20.
3. TWY G only AVBL to MIL ACFT via TWY A and E only.
4. TWY D, E and L not AVBL to ACFT ABV 5,700KG.
5. Parking on the SATO APN Bays 1-4 is restricted to SATO ACFT or ACFT approved by the AD manager or his delegate. No other ACFT may park on the SATO APN other than for picking up or setting down of passengers between SATO OPS.
6. Parking Bay 5 restricted to Air Ambulance ACFT only.
7. Parking Bay 6 restricted to MIL ACFT or ACFT approved by AD manager or his delegate.
8. Bay 5 and 6 not AVBL for SATO OPS and PAX MOV during HRS of darkness.
9. STD wing tip CLR for Code C and Code D ACFT NOT AVBL along taxi route BTN TWY C and TWY H. During such movements, Aircraft operators of aircraft with a wingspan greater than 28M are to advise Airport Management of their intended movements on this aerodrome: aircraft type, date and time of intended movement. Before entering the SATO APN, ACFT are to call Aerodrome Operations (Safety 1) on CTAF (126.95) and hold on TWY C or H until Safety 1 is on site to provide wingtip clearance assistance.
10. Light ACFT at THR of RWY 23 not visible to other ACFT on the ground using RWY 05. Radio black spots may result under some conditions.

FLIGHT PROCEDURES

1. FM the THR of RWY 12, TFC on short final and on the ground near the THR of RWY 23 can be hidden FM view, depending on ACFT size and flight path.
2. Low Visibility Operations with an RV of less than 800M not permitted. CTC Duty ARO (ARO on CTAF for RV.
3. Night operations limited to lit aprons, lit taxiways and lit runways only

CTAF - AFRU 126.95

In the event of an EMERG, ACFT are to declare the EMERG on the area FREQ. When WI 20NM of Wagga AD, ACFT may advise details to RFFS, callsign “Base Fire” on 126.95

ADDITIONAL INFORMATION

1. Bird hazard exists. Galahs common FM AUG-FEB.
2. OLS immediately S of AD infringed by hills and marked by 8 low intensity OBS lights HN.
3. Recruit training ACT takes place H24 MON-FRI, 0.5NM S of THR RWY 30. ACT is outside airfield perimeter and involves use of blank ammunition by day and NGT. No live firing or projectiles will be used. Further details can be obtained from ABCP 02 6937 5888 JO.
4. Model ACFT flying will take place WI 1000M RAD of 351112.00S 1471624.00E (APRX 10NM W of Wagga AD). SFC-1,000FT AGL and at Mt Coreinbob, 351648.00S 1473330.00E (APRX 8NM SE of Wagga AD).
5. Model ACFT OPR WI 1,000M of PSN 351024.00S 1471624.00E BRG 254 MAG 9.7NM FM Wagga Wagga AD (YSWG) SFC-2,000FT.
6. Weather balloon launch APRX 2315 UTC FM 1.1KM NW ARP. Launches may occur at other times.
7. Flight training activity operating within 270DEG to 030DEG FM YSWG up to 30NM.
8. MIL ACFT utilising TWY G are to use caution due to a fence paralleling the TWY to the N that encroaches obstacle clearance limits to a closest point of approach distance of 9M.

Information may be continued on the next page: PTO

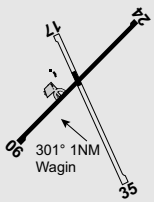
CHARTS RELATED TO THE AERODROME

1. WAC 3456, 3457.
2. Also refer to AIP Departure and Approach Procedures.

WAGIN

ELEV 836

FULL NOTAM SERVICE NOT AVBL



WA		UTC +8	YWGN
331859S	1172137E	VAR 2 DEG W	UNCR

AD OPR Shire of Wagin, 2 Arthur Road Wagin, WA, 6315.
Email: shire@wagin.wa.gov.au. PH 08 9861 1177.

HANDLING SERVICES AND FACILITIES

AVGAS, Greg Ball PH: 0428 611 360. Emergency only.

PASSENGER FACILITIES

WC.

AERODROME AND APPROACH LIGHTING

RWY 06/24 and 17/35 LIRL PAL 120.65

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.4

CTAF 126.7

ADDITIONAL INFORMATION

Model ACFT OPR WI 1,000M radius of Wagin AD (YWGN) PSN 331854.00S 1172136.00E BRG 322 MAG 27.3NM FM Katanning AD (YKNG) OPR will MNT FREQ 126.7 OPR CTC TEL 0421 966 168; SFC to 1,000FT AGL.

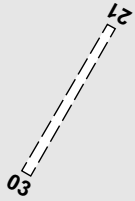
CHARTS RELATED TO THE AERODROME

WAC 3462.

WAHRING FIELD

ELEV 410

FULL NOTAM SERVICE NOT AVBL



VIC		UTC +10	YWHG
364048S	1451436E	VAR 12 DEG E	UNCR

AD OPR Nagambie Soaring Centre Pty Ltd, PO Box 1264, Croydon, VIC, 3136.
Mobile 0418 520 043.

REMARKS

1. PPR.
2. AD Charges NIL for visiting ACFT.
3. Gates and Clubhouse are locked.
4. Australian Standard approved high visibility vest must be worn when airside.

HANDLING SERVICES AND FACILITIES

Nil fuel.

PHYSICAL CHARACTERISTICS

03/21	39c	Unrated. Natural surface. RWY LEN 1,200M. Reduced to 800M in winter due SWS.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.4 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. Gliding OPS HJ take precedence at all times. Winch and aero-tow launching.
2. Gliding OPS and cables east side of RWY 03/21.
3. No midfield crossing on day of gliding OPS.
4. Gyro and trikes OPS and training take place on any day of the week.
5. Cross Strip for residents landing use only.
6. Carriage and use of radio is RQ by the AD Operator.
7. Helicopter landing pad west side of RWY 03/21, south side of clubhouse unmarked.
8. Touch and go or circuit training by non-resident ACFT not permitted.

FLIGHT PROCEDURES

1. All CCTS to E of the field.
2. Overfly the airstrip not below 3,000FT.

CTAF 121.1

ADDITIONAL INFORMATION

1. Kangaroo and bird hazard exist.
2. Airstrip prone to surface damage by digging animals.
3. Avoid overflying west side of Vineyard, east side of RWY 03/21.
4. Beware of private gyro strip corner Wahring-Euroa Road and O'Deas Road west side of RWY 03/21.

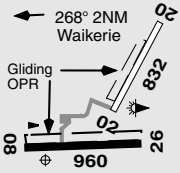
CHARTS RELATED TO THE AERODROME

WAC 3469, 3470.

WAIKERIE

ELEV 138

FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YWKI
341103S 1400150E VAR 9 DEG E UNCR
AD OPR Loxton/Waikerie District Council, PO Box 409, Loxton, SA, 5333.
PH 08 8541 0700. ARO 0488 547 754.

REMARKS

AD not AVBL to ACFT ABV 5,700KG.

PASSENGER FACILITIES

AC/WC (Waikerie Gliding Club)

AERODROME OBSTACLES

Unlit/Unmarked Mast 561FT AMSL (345FT AGL), BRG 260 DEG M/5.1NM (9500M) FM SOT RWY 26.

PHYSICAL CHARACTERISTICS

02/20	27c	Unrated. White gravel	WID 18	RWS 90
08/26	31a	Unrated. Sealed	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 02/20	PTBL(1)		BY PRIOR ARRANGEMENT
RWY 08/26	LIRL	PAL 119.6	

(1) EMERG only.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	125.3 Circuit area

LOCAL TRAFFIC REGULATIONS

ACFT taking off on RWY 20 are not visible FM THR RWYs 08 & 26.

CTAF 126.7

ADDITIONAL INFORMATION

Gliding OPS HJ. Gliders operate common circuit direction FM separate strips alongside RWS.

CHARTS RELATED TO THE AERODROME

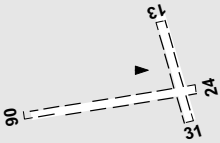
WAC 3458.

Information may be continued on the next page: PTO

WALCHA

ELEV 3744

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YWCH
310026S 1513319E VAR 12 DEG E UNCR
AD OPR Walcha Council, PO Box 2, Walcha, NSW, 2354.
Email: walchaaeroclub@gmail.com: council@walcha.nsw.gov.au.
PH Secretary (Glen O'Brien) 0403 726 780. Council PH 02 6774 2500.
Website: www.walchaaeroclub.com.au.

REMARKS

1. Refer to website for the latest status of runways and aerodrome.
2. Gate vehicle access to aerodrome to remain closed at all times.

PASSENGER FACILITIES

RF/WC/TX/Terminal AVBL 24HR. Overnight, short or long term hangar options AVBL - CTC Secretary. Fees apply. Taxi H24 phone 0436 131 008. For accommodation CTC Walcha Visitor Information Centre 02 6774 2460 or tourism@walcha.nsw.gov.au

PHYSICAL CHARACTERISTICS

06/24	52c	Unrated. Gravel. RWY LEN 1,575M.	WID 30
13/31	28c	Unrated. Grass. RWY LEN 855M.	WID 30

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	125.75

CTAF 126.7

ADDITIONAL INFORMATION

1. Main runway 06/24 is currently being upgraded/re-gravelled since September 2023 and construction risks still exist. These include increased 20MM sharp loose road gravel on main runway. New gravel can drop off suddenly on the edges of up to 100MM. Cross fall on new gravel can be steep in areas of up to 6%.
2. Grass RWY 13/31 can be closed at short notice due to soft surface from wet conditions.
3. Increase kangaroo activity on both grass and main RWY. Suggested overpass prior to landing.

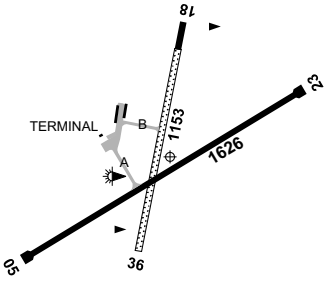
CHARTS RELATED TO THE AERODROME

WAC 3357.

WALGETT

ELEV 439

AVFAX CODE 2225



NSW UTC +10 YWLG
300158S 1480733E VAR 10 DEG E CERT
AD OPR Walgett Shire Council, PO Box 31, Walgett, NSW, 2832. PH 02 6828 6100. PH AH 0428 420 588.

HANDLING SERVICES AND FACILITIES

SHELL - Walgett Aero Club: PH 0418 259 165 or 0484 002 073. AVGAS H24 Cardswipe bowser (MC, V credit and debit cards accepted, PIN required for both), No Carnet. AVGAS, ASO W100, W100PLUS.

PASSENGER FACILITIES

WC/LG (Phone 02 6828 1801).

AERODROME OBSTACLES
1. LIOL COM TWR 615FT AMSL BRG 315 DEG MAG 1,447M FM ARP.
2. MIOL TWR located at 300405.19S 1481050.47E 700FT.
3. Unlit:
   a. Pole 467FT AMSL BRG 232 DEG MAG 1,120M FM ARP.
   b. WDI 462FT AMSL BRG 243 DEG MAG 299M FM ARP.
   c. WDI 456FT AMSL BRG 207 DEG MAG 440M FM ARP.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT D, METAR/SPECI.
2. AWIS PH 02 9353 6456 - Report faults to BoM.
3. AWIS FREQ 133.425 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS
05/23	048	53a	Unrated.	WID 30	RWS 150
18/36	180	38c	Unrated. 200M Sealed, remainder grass.	WID 30	RWS 90

RWY 05/23 has a turning node at the central section of the RWY.

AERODROME AND APPROACH LIGHTING
RWY 05/23 LIRL PAL+AA 122.4
RWY edge light spacing: 05/23: 90M.

OTHER LIGHTING
TWY LGT: Not specified.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 127.1 Circuit Area

RADIO NAVIGATION AND LANDING AIDS
NDB WLG 374 300138.2S 1480725.6E Range 50 (HN 50) (1)
(1) Pilot monitored.

LOCAL TRAFFIC REGULATIONS
1. All AD OPS restricted to hard surfaces only.
2. ACFT 5,700KG and ABV confine TAX to RWY centre and turn only on RWY end turning nodes 05/23.

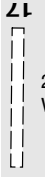
CTAF 126.7

ADDITIONAL INFORMATION
Caution: animal and bird life may be present.

CHARTS RELATED TO THE AERODROME
1. WAC 3356, 3357.
2. Also refer to AIP Departure & Approach Procedures.

WANAARING

ELEV 360
FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YWAG
294242S 1441016E VAR 9 DEG E UNCR
AD OPR Bourke Shire Council, PO Box 21, Bourke, NSW, 2840.
PH 02 6830 8000. Fax 02 6872 3030.

HANDLING SERVICES AND FACILITIES
AVGAS drums by prior order, Phone 02 6874 7720.

AERODROME AND APPROACH LIGHTING
Solar LGT automatically activates dusk till dawn.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 125.35 4,000FT

CTAF 126.7

Information may be continued on the next page: PTO

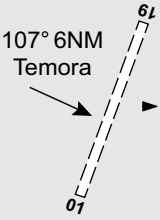
ADDITIONAL INFORMATION
Animal hazard exists.

CHARTS RELATED TO THE AERODROME
WAC 3356.

WANDU

ELEV 1020

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YWDU
342351S 1472549E VAR 12 DEG E UNCR
AD OPR Wandu, 741 Thanowring Rd, Temora NSW, 2666.
Email: brenden.maxwell@hotmail.com. PH 0487 177 764.

REMARKS
1. PPR. Private use.
2. Daylight OPS only.

AERODROME OBSTACLES
1. Trees and fences at both ends of RWY strip.
2. Powerlines at northern end of RWY strip.

PHYSICAL CHARACTERISTICS
01/19 28c Unrated. Smooth Dirt. RWY LEN 850M. WID 16

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 134.65

CTAF 126.15

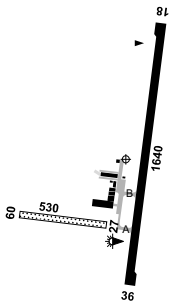
ADDITIONAL INFORMATION
1. Livestock may graze on the airstrip paddock.
2. Drain culvert located under RWY strip APRX one third in from southern end as marked.

CHARTS RELATED TO THE AERODROME
WAC 3456, 3457.

WANGARATTA

ELEV 504

AVFAX CODE 3057



VIC UTC +10 YWGT
362457S 1461825E VAR 12 DEG E CERT
AD OPR Rural City of Wangaratta, PO Box 238, Wangaratta, VIC, 3677.
PH 03 5722 0747 H24. ARO 0408 574 569: Backup 0418 340 157.

HANDLING SERVICES AND FACILITIES
Skyfuel AVGAS and JET A1, H24 self-service bowsers accepts MC, V and Skyfuel Carnet card. PH 0418 862 100 or 0417 780 280. Refer to www.skyfuel.com.au for site information and orientation.

PASSENGER FACILITIES
WC/PT/TX 03 5721 8888

SURFACE MOVEMENT GUIDANCE
RWY 18/36 aiming point markings AVBL.

AERODROME OBSTACLES
Unlit tower 1,539FT AMSL 259DEG MAG 8,228M FM ARP.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT D, METAR/SPECI.
2. AWIS PH 03 8470 3222 - Report faults to BoM.
3. AWIS FREQ 126.225 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

09/27	086	17c	Unrated. Grass.	WID 18	RWS 60
18/36	176	54a	PCR 120/F/B/0.80 MPa/T	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 18/36 LIRL PAL 119.2

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.2 Circuit Area

CTAF - AFRU 119.1

ADDITIONAL INFORMATION

1. Aviation and related events will periodically be conducted here. Pilots are advised to check NOTAM and the CTAF for information on these activities.
2. Bird and animal hazard may exist.

CHARTS RELATED TO THE AERODROME

1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

WARBURTON ELEV 1510

AVFAX CODE 6402



WA UTC +8 YWBR
260742S 1263500E VAR 3 DEG E CERT
AD OPR Warburton Community, Private Mail Bag 71, via Alice Springs, NT, 0872. PH 08 8956 7642. ARO 0499 885 088.

HANDLING SERVICES AND FACILITIES

JET A1 and AVGAS AVBL - 4HR PN required. Phone ARO. AH call-out fee applies BTN 1600-0700 Local.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 08 6216 2640 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

18/36	181	52a	Unrated.	WID 23	RWS 80

AERODROME AND APPROACH LIGHTING

RWY 18/36 LIRL PAL 119.65 SDBY PWR AVBL

OTHER LIGHTING

SDBY PWR - manually activated generator. PH ARO.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 130.9 On ground

RADIO NAVIGATION AND LANDING AIDS

NDB WBR 218 260741.4S 1263446.9E Range 90 (HN 90) (1)

(1) Operated by AD OPR - Pilot monitored.

CTAF 127.1

CHARTS RELATED TO THE AERODROME

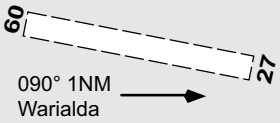
1. WAC 3344.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

WARIALDA

ELEV 1140

FULL NOTAM SERVICE NOT AVBL



NSW		UTC +10	YWRL
293200S	1503200E	VAR 11 DEG E	UNCR

AD OPR Gywdir Shire Council, Locked Bag 5, Bingara, NSW, 2404.
PH AH 0428 291 951. Council PH BH 02 6729 3000.
Fax 02 6729 1400.

REMARKS
PPR.

HANDLING SERVICES AND FACILITIES
EMERG only

PASSENGER FACILITIES
PT (Clubhouse)

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	127.1 Circuit Area

LOCAL TRAFFIC REGULATIONS
All parking near clubhouse.

CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3357.

WARKWORTH

ELEV 250

FULL NOTAM SERVICE NOT AVBL

NSW		UTC +10	YWKW
323254S	1510127E	VAR 12 DEG E	UNCR

AD OPR Hunter Valley Gliding Club, Warkworth, NSW, 2330. Email: secretary@hvgc.com.au.
PH Secretary 02 9534 2884. Website: www.hvgc.com.au.

REMARKS
1. Private AD. PPR all OPS.
2. The airfield is only manned on flying days.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	125.7

CTAF 126.7

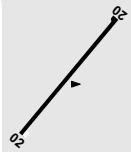
ADDITIONAL INFORMATION
1. Beware mine blasting may occur near strip The HVGC website will provide information about scheduled blasting.
2. Methane flares OPR site PSN 323300S 1505912E APRX 2NM W of AD.
3. Kangaroo hazard exists, especially when the airfield is not in use.
4. Glider OPS may take place on any day. Callsign is “Warkworth Base”.
5. Gliders will monitor the gliding FREQ 122.7 when operating outside the CTAF.
6. UAV (25KG multi-rotor) OPR WI 5NM radius of PSN 323715S 1510410E BRG 140 DEG MAG 4.9NM FM ARP. SFC to 1,500FT AMSL. OPR will broadcast on CTAF 15MIN prior to launch and at 15MIN intervals whilst airborne. OPR CTC 02 6570 1582.

CHARTS RELATED TO THE AERODROME
WAC 3456.

WARNERVALE

ELEV 25

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YWVA
331425S 1512549E VAR 13 DEG E UNCR
AD OPR Central Coast Council, PO Box 20, Wyong, NSW, 2259.
PH 02 4350 5555. ARO 02 4392 4741. Website: www.centralcoast.nsw.gov.au.

REMARKS

1. AD charges all ACFT. Refer Central Coast Council website.
2. Curfew applies: no movements permitted BTN 2200-0630 Local.

HANDLING SERVICES AND FACILITIES

Warnervale Air Pty Ltd: 0730-1600 Local DLY. Phone 02 4392 5174.
Aero Refuellers: H24 AVGAS bowser. Accepts Aero Refuellers cards, V and MC. PH 0413 003 808.

PASSENGER FACILITIES

LG/RF/WC

AERODROME OBSTACLES

Tall trees 55FT AGL 278M S of DTHR RWY 02.

PHYSICAL CHARACTERISTICS

02/20	39a	5700 kg Unrated. Sealed. RWY LEN 1,193M. RWY 02 DTHR 242M. RWY 20 DTHR 210M.	WID 10	RWS 50

ATS AND AERODROME COMMUNICATION FACILITIES

FIA SYDNEY CENTRE 124.55 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. Preferred RWY 20 with LV wind or direct crosswind.
2. Back tracking on the RWY not permitted (except for line-up RWY 02) and pilots should vacate the RWY as soon as practicable after landing.
3. Carriage and use of radio is required by the AD OPR.
4. Broadcast with intentions turning base is required.
5. Pilots should limit radio transmissions in the circuit to those necessary to provide traffic information and separation.
6. Straight-in approaches are not permitted.

CTAF 132.1

NOISE ABATEMENT PROCEDURES

Pilots are requested, where possible to avoid a noise sensitive areas (Watanobbi) to the SSE of AD.

ADDITIONAL INFORMATION

1. Flight training by RA and GA aircraft.
2. Kangaroo and bird hazard exists.
3. Caution: standing water or soft movement areas after rain.

CHARTS RELATED TO THE AERODROME

WAC 3456.

WARRABER ISLAND

ELEV 10

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YWBS
101224S 1424924E VAR 5 DEG E UNCR
AD OPR Torres Strait Island Regional Council, PO Box 7336, Cairns, QLD, 4870.
PH 07 4034 5700. ARO 0477 380 175 (H24).

REMARKS

Restricted OPS: PPR from AD OPR.

PHYSICAL CHARACTERISTICS

12/30	24a	Unrated. Sealed	WID 18	RWS 60

Information may be continued on the next page: PTO

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	120.3 Circuit Area

FLIGHT PROCEDURES

For special procedures which apply to Torres Strait biosecurity requirements, see ERSA GEN - SPECIAL PROCEDURES.

CTAF 126.5

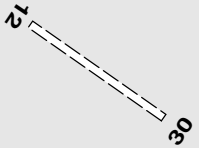
CHARTS RELATED TO THE AERODROME

WAC 3097.

WARRABRI

ELEV 1258

FULL NOTAM SERVICE NOT AVBL



NT		UTC +9:30	YWBI
205957S	1342347E	VAR 4 DEG E	UNCR

AD OPR Ali-Curung Council Association, Warrabri, via Alice Springs, NT, 5751. PH 08 8964 1955.

PASSENGER FACILITIES

Telephone facilities not AVBL.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.1 4500FT

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3232.

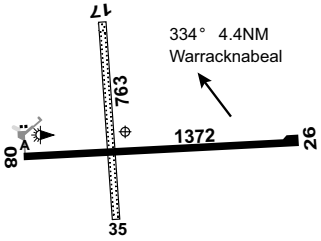
WARRACKNABEAL

ELEV 397

AVFAX CODE 3024

VIC		UTC +10	YWKB
361916S	1422510E	VAR 10 DEG E	CERT

AD OPR Yarriambiack Shire Council, PO Box 243, Warracknabeal, VIC, 3393. PH 03 5398 0100. ARO 03 5398 0134: 03 5398 0111. PH AH 0427 511 550. Fax 03 5394 1802.



HANDLING SERVICES AND FACILITIES

Warracknabeal Aero Club: H24, 2HR PN, PH: 0428 991 203, 0481 003 999, 0418 799 884. AVGAS, O125, MOGAS 98 RON.

PASSENGER FACILITIES

LG/WC/light refreshments.

METEOROLOGICAL INFORMATION PROVIDED

1. AWIS FREQ 133.65 - Requires one sec pulse to operate.
2. Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

08/26	076	45a	Unrated.	WID 30	RWS 150
17/35	165	25c	Unrated. Grassed red sand silt.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING
RWY 08/26 LIRL AFRU+PAL 126.7

OTHER LIGHTING
TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 125.8 Circuit Area

LOCAL TRAFFIC REGULATIONS
Keep clear of fire-fighting tanks and ambulance transfer station H24 except RFDS, patient transfer and emergency services.

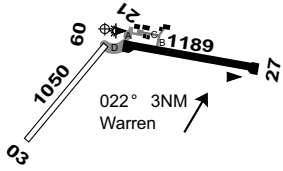
CTAF - AFRU 126.7

ADDITIONAL INFORMATION
1. Bird and animal hazard exists.
2. Model ACFT OPS will take place WI 0.5NM RAD of ARP, SFC to 1,500FT AGL. OPR will monitor CTAF. OPR CTC PH: 0483 847 314.

CHARTS RELATED TO THE AERODROME
1. WAC 3469.
2. Also refer to AIP Departure and Approach Procedures.

WARREN ELEV 669

AVFAX CODE 2226



NSW UTC +10 YWRN
314400S 1474809E VAR 11 DEG E CERT
AD OPR Warren Shire Council, PO Box 6, Warren, NSW, 2824. PH 0427 075 908.

REMARKS
1. AD Charges: All ACFT - Itinerant ACFT free.
2. RWY 09/27 not AVBL for ACFT ABV 5,700KG.

HANDLING SERVICES AND FACILITIES
AVGAS fuel pod AVBL. IOR Fuelcharge APP required. CTC AD OPR.

PASSENGER FACILITIES
PT/LG/WC

PHYSICAL CHARACTERISTICS
03/21	030	34c	Unrated. Gravel.	WID 30	RWS 90
09/27	088	39a	Unrated.	WID 18	RWS 90

RWY 09/27 not AVBL for ACFT ABV 5,700KG.

AERODROME AND APPROACH LIGHTING
RWY 09/27 LIRL PAL 120.05
RWY edge light spacing: 09/27: 90M.

OTHER LIGHTING
TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 123.9 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION
1. Wildlife hazard exists.
2. Possible windshear and turbulence western end RWY 09 when winds prevailing from the N at 17KT and ABV.

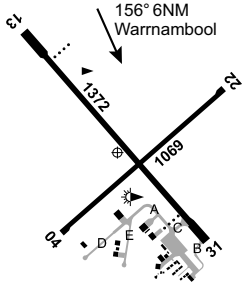
CHARTS RELATED TO THE AERODROME
WAC 3356.

Information may be continued on the next page: PTO

WARRNAMBOOL

ELEV 242

AVFAX CODE 3012



VIC UTC +10 YWBL
381743S 1422648E VAR 11 DEG E CERT

AD OPR Warrnambool City Council, PO Box 198, Warrnambool, VIC, 3280. Email: contact@warrnambool.vic.gov.au. ARO 0417 338 162: 0478 882 291. Council PH 03 5559 4800: H24 0401 988 659.

REMARKS

1. This AD is a Security Controlled Airport.
2. PPR for ACFT ABV 5,700KG.
3. AD landing fees apply. CTC AD OPR.

HANDLING SERVICES AND FACILITIES

Warrnambool City Council: AVGAS and JET A1 H24 cardswipe bowsers. Air BP Carnet and credit card (V and MC) only. TEL 03 5559 4800, 0417 338 162 or email AD OPR.

PASSENGER FACILITIES

PT/TX (131008)/LG/WC

AERODROME OBSTACLES

1. TWR 394FT AMSL APRX BRG 003 MAG 3.4NM FM ARP.
2. Unlit TWR:
   a. 549FT AMSL APRX BRG 238 MAG 3.5NM FM ARP.
   b. 548FT AMSL APRX BRG 344 MAG 4.4NM FM ARP.
3. Lit TWR:
   a. 495FT AMSL APRX BRG 329 MAG 3.5NM FM ARP.
   b. 390FT AMSL APRX BRG 041 MAG 1.6NM FM ARP. Marked.
   c. 258FT AMSL APRX BRG 165 MAG 3.6NM FM ARP.
   d. 262FT AMSL APRX BRG 112 MAG 3.4NM FM ARP.
   e. 318FT AMSL APRX BRG 155 MAG 4.9NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 03 8470 3224 - Report faults to BoM.
3. AWIS FREQ 125.45 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

04/22	037	35a	5700 kg/0.66 MPa	WID 23	RWS 90
13/31	127	45a	Unrated.	WID 30	RWS 150

1. The first 20M of concrete pad at THR of RWY 13 not AVBL for ACFT OPS.
2. RWY 13/31 RWS 150 (90 Graded).

AERODROME AND APPROACH LIGHTING

RWY 13/31	LIRL	AFRU+PAL 126.0		SDBY PWR AVBL
RWY 13/31	PAPI(1)	AFRU+PAL 126.0	3.0 DEG29FT	SDBY PWR AVBL

(1) Left side only.

RWY edge light spacing: 13/31: 90M.

OTHER LIGHTING

1. Secondary PWR switchover time: 30 SEC.
2. TWY LGT: Blue edge on TWY A and C.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.8 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. Limited PRKG AVBL for ACFT ABV 5,700KG MTOW.
2. Due to grades on RWY 13/31 and RWY 04/22 the opposite ends of the RWY are not visible when taking off.

CTAF - AFRU 126.0

ADDITIONAL INFORMATION
1. Heavy prop wash from rotary wing ACFT OPS.
2. Bird hazard exists.
3. Seasonal aerial agriculture OPS.

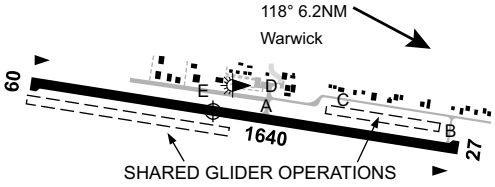
CHARTS RELATED TO THE AERODROME
1. WAC 3469.
2. Also refer to AIP Departure and Approach Procedures.

WARWICK ELEV 1527

AVFAX CODE 4037

QLD UTC +10 YWCK
280858S 1515635E VAR 11 DEG E CERT

AD OPR Southern Downs Regional Council, PO Box 26, Warwick, QLD, 4380.
Email: mail@sdrc.qld.gov.au. Council PH 1300 697 372.



REMARKS
AD charges apply. See council *Fees and Charges* document at www.sdrc.qld.gov.au.

HANDLING SERVICES AND FACILITIES
Southern Downs Regional Council: AVGAS H24 self serve swipe bowser AVBL. All credit cards accepted. 24HR PN. PH 1300 697 372

PASSENGER FACILITIES
PT/WC

AERODROME OBSTACLES
Natural ridge APRX 1,800FT AMSL LOC 1.5NM E FM E RWS 27 end infringes inner HZS by 125FT.

PHYSICAL CHARACTERISTICS
09/27 088 54a Unrated. Sealed. WID 30 RWS 90

AERODROME AND APPROACH LIGHTING
RWY 09/27 LIRL PAL+AA 119.6
RWY edge light spacing: 09/27: 90M.

OTHER LIGHTING
TWY LGT: Blue edge on TWY A.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 121.2 On Ground

CTAF 127.85

ADDITIONAL INFORMATION
1. Gliding OPS HJ.
2. Model ACFT OPR WI 500M RAD of PSN 281518.00S 1520254.00E BRG 129 MAG 8.7NM FM Warwick AD (YWCK) SFC to 1,500FT AGL.
3. TWY B and TWY E reduced MAX limit. MAX 3M Outer Main Gear Wheel Span (OMGWS).

CHARTS RELATED TO THE AERODROME
1. WAC 3357.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

WATERLOO (NT)

ELEV 433

FULL NOTAM SERVICE NOT AVBL

NT UTC +9:30 YWTL
163748S 1291916E VAR 2 DEG E UNCR
AD OPR Brett Cattle Company Pty Ltd, Waterloo Station, PMB 119, Katherine, NT, 0852.
PH 08 9168 7378. Fax 9168 7352.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.4 5500FT

CTAF 126.7

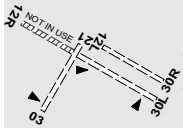
CHARTS RELATED TO THE AERODROME

WAC 3222.

WATTS BRIDGE

ELEV 300

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YWSG
270544S 1522735E VAR 11 DEG E UNCR
AD OPR Watts Bridge Memorial Airfield Association, PO Box 98, Toogoolawah, QLD, 4313. Email: info@wattsbridge.com.au. PH 0427 699 239.
Website: www.wattsbridge.com.au.

REMARKS

1. PPR for all commercial OPS, including flight training.
2. Commercial operators to email AD OPR for permission. Charges and/or conditions apply.

HANDLING SERVICES AND FACILITIES

AVGAS available - self serve swipe card - MC and V only.

PHYSICAL CHARACTERISTICS

03/21	27c	Unrated. Grass. RWY LEN 810M.	WID 25
12L/30R	28c	Unrated. Grass. RWY LEN 840M.	WID 30
12R/30L	29c	Unrated. Grass. RWY LEN 880M.	WID 30

The extension to RWY 12R/30L is only AVBL by prior arrangement. The extension traverses Silverleaves Rd and the airfield perimeter fence. When not in use the DTHR RWY 12R is located on the SE side of Silverleaves Rd.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 129.0 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. Carriage and use of radio is required by AD OPR.
2. Access to RWY 12L and 30R at RWY ends only.
3. Taxi on mown SFC and exit TWY to parking areas by marked access points only.

FLIGHT PROCEDURES

Right hand circuits RWY 12R and 30R.

CTAF 127.3

NOISE ABATEMENT PROCEDURES

1. Circuits not permitted before 0700 Local.
2. Consult website for Fly Neighbourly information.

ADDITIONAL INFORMATION

1. Weather camera display AVBL on website.
2. Aerobatic operations may take place WI 2NM SE of the airfield, up to 5,000FT. Refer Watts Bridge Fly Neighbourly Map for the location of the aerobatics box, AVBL FM website.
3. Intensive skydiving at Toogoolawah, 5NM NW of Watts Bridge.
4. Pilots should check for airfield status updates via website.
5. Drainage ditches flank each TWY.

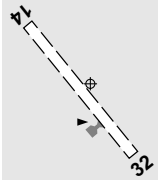
CHARTS RELATED TO THE AERODROME

WAC 3340.

WAVE HILL

ELEV 658

AVFAX CODE 8405 **FULL NOTAM SERVICE NOT AVBL**



NT UTC +9:30 YWAV
172337S 1310709E VAR 3 DEG E UNCR
AD OPR Western Grazing Company, Wave Hill Station, via Katherine, NT, 0852.
PH 08 8975 0787.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 123.7 5000FT

CTAF 126.7

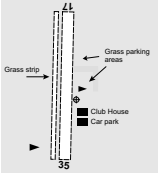
CHARTS RELATED TO THE AERODROME

WAC 3222.

WEDDERBURN

ELEV 850

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YWBN
341048S 1504832E VAR 13 DEG E UNCR
AD OPR NSW Sport Aircraft Club Inc, PO Box 450, Campbelltown, NSW, 2560.
Email: nswsaccom@gmail.com. PH 0425 380 964.

REMARKS

OPS limited to a MTOW of 4,000KG or less, unless approved.

HANDLING SERVICES AND FACILITIES

Skyfuel AVGAS HJ self serve bowser activated by MC, V and Skyfuel carnets. PH 0418 862 100 or 0417 780 280. Oil AVBL for purchase with prior arrangement, CTC AD OPR.

AERODROME OBSTACLES

Trees surround the entire perimeter of the aerodrome.

PHYSICAL CHARACTERISTICS

17/35 32a Unrated. RWY LEN 980M. WID 15
RWY 35 significant down slope THR to mid RWY.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA SYDNEY CENTRE 124.55 On Ground

LOCAL TRAFFIC REGULATIONS

1. No circuit training prior to 0800 Local.
2. Circuit training by non-resident ACFT not permitted.
3. No aerobatics prior to 0800 Local.

CTAF - AFRU 122.55

NOISE ABATEMENT PROCEDURES

1. Avoid flying over Appin Township.
2. Circuit traffic should avoid flying over the populous areas to the north of the AD.

ADDITIONAL INFORMATION

1. Windshear possible on both RWY in strong wind conditions especially from the west.
2. Model ACFT flying may take place HJ. OPR MNT 122.55 MHz.
3. Animal and bird hazard exists at all times, most prevalent at dawn and dusk.
4. Caution: Drainage ditches between RWY and TWY.
5. Caution: R555C (Holsworthy) 1NM east of the ARP.
6. Grass strip ADJ to and west of the RWY, check primary wind sock for status.

CHARTS RELATED TO THE AERODROME

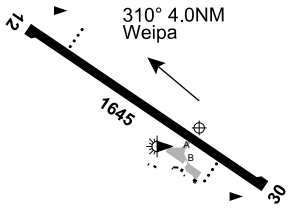
WAC 3456.

Information may be continued on the next page: PTO

WEIPA

ELEV 63

AVFAX CODE 4501



QLD UTC +10 YBWP
124043S 1415531E VAR 5 DEG E CERT
AD OPR RTA Weipa Pty Ltd, PO Box 1027, Weipa, QLD, 4874. Email: brad.fowler@riotinto.com. PH AD Manager/ARO 0458 033 934 H24. Email: weiairport@amsaustralia.com.

REMARKS

1. AD Charges: Landing: Piston ACFT $8/tonne MTOW. Turbine ACFT $15/tonne MTOW. Overnight Parking: Piston ACFT $5/tonne MTOW. Turbine ACFT $8/tonne MTOW. All prices + GST.
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

Viva Energy Aviation - JL Aviation Fuelling Pty Ltd. JET A1 and AVGAS AVBL MON-FRI 0800-1800 Local. Closed SAT-SUN. PH 0428 197 873.

AERODROME OBSTACLES

1. Transitional SFC infringed by unlit aerial 32FT AGL APRX 500M W FM ARP.
2. Lit Tower:
   a. 283FT AMSL APRX BRG 280 DEG MAG 3.4NM FM ARP.
   b. 318FT AMSL APRX BRG 340 DEG MAG 3.8NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 07 3564 3745 - Report faults to BoM.
3. AWIS FREQ 128.075 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

12/30	119	54a	PCR 250/F/B/X/T Grooved. Last 60M of both ends including turning nodes are ungrooved.	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 12/30	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL
RWY 12/30	PTBL(2)			BY PRIOR ARRANGEMENT
RWY 12	PAPI(1)	AFRU+PAL 126.7	3.0 DEG45FT	SDBY PWR AVBL
RWY 30	PAPI(1)	AFRU+PAL 126.7	3.0 DEG46FT	SDBY PWR AVBL

(1) Left side.
(2) EMERG only. 2HR PN.
PAL activates all lighting.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	122.1 On Ground

RADIO NAVIGATION AND LANDING AIDS

DME	WP	112.8/ 75X	124024.8S	1415521.4E		(2)
NDB	WP	377	123941.9S	1415355.7E	Range 40 (HN 40) OW 140 (OW HN90)	(3)
VOR	WP	112.8	124024.8S	1415520.9E		(1)

(1) RESTRICTION: Bearing fluctuations (+/- 4 DEG) may occur on 089 DEG RAD beyond 40NM.
(2) Antenna ELEV 79FT.
(3) 118/1.6 to ARP.

LOCAL TRAFFIC REGULATIONS

1. Terminal building is locked AH. Keys can be arranged through the AD Manager.
2. Any itinerant ACFT wishing to use the RPT apron is to contact the AD Manager 48HR prior to ARR at Weipa for bay number allocation.
3. Overnight parking on the RPT apron requires 48HR prior notice to AD Manager.
4. PRKG for HEL over 2,500KG MTOW restricted to unsealed section of GA APN. Exceptions require AD Manager approval.
5. Light aircraft tie-downs not strength rated.

CTAF - AFRU 126.7

Except when Scherger CTR and Restricted areas active.

ADDITIONAL INFORMATION

1. During cyclone season tie-downs shall be used on GA apron.
2. Bird hazard may exist overhead the AD particularly late afternoon until dark.
3. Weather balloon launch APRX 2315 FM 500M W ARP. Launches may occur at other times.

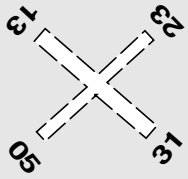
CHARTS RELATED TO THE AERODROME

1. WAC 3112.
2. Also refer to AIP Departure and Approach Procedures.

WELLINGTON

ELEV 1398

FULL NOTAM SERVICE NOT AVBL



NSW UTC +10 YWEL
322745S 1485926E VAR 11 DEG E UNCR
AD OPR Dubbo Regional Council, PO Box 81, Dubbo, NSW, 2830.
PH 02 6801 4560.

REMARKS

1. PPR CTC AD OPR.
2. AD charges: all ACFT.
3. AD gates locked, CTC AD OPR for access code to Pilot Rest Facility, 0900-1700 Local.

PASSENGER FACILITIES

WC in demountable next to APN. Pilot rest area AVBL, see REMARKS for access details.

AERODROME AND APPROACH LIGHTING

Solar lighting H24. RWY 13/31 white on sides, green APCH, red at ends. Blue TWY lights.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	123.9 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION

1. RWY mowing and farm machinery operate on airfield.
2. Bird and animal hazard exists.
3. Overfly of RWY prior to landing is recommended to ensure RWY area is clear of wildlife.
4. Road vehicles may infringe APCH SFC RWY 31. Exercise caution during APCH and LDG.

CHARTS RELATED TO THE AERODROME

WAC 3456, 3457.

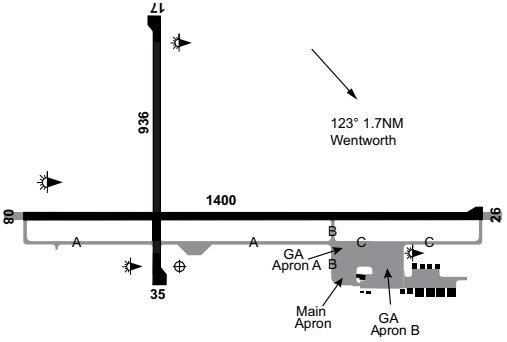
Information may be continued on the next page: PTO

WENTWORTH

ELEV 120

AVFAX CODE 3075

NSW UTC +10 YWTO
340516S 1415331E VAR 9 DEG E CERT
AD OPR Shire of Wentworth, PO Box 81, Wentworth, NSW, 2648. PH 03 5027 5027.
ARO 0429 952 796 (H24). Fax 03 5027 5000. Website: www.wentworth.nsw.gov.au.



REMARKS

AD charges apply. Access AVBL in accordance with Wentworth Shire Council AD conditions of access and use. Refer to website.

HANDLING SERVICES AND FACILITIES

AVGAS and JET A1 AVBL H24 self-serve. Fuel supplied by IOR Aviation, PH 1300 457 467. Payment via IOR Aviation tag for account holders or via the Fuelcharge APP.

PASSENGER FACILITIES

WC.

APRONS AND TAXIWAYS

1. Main APN: asphalt; flexible pavement; ultra low strength; PCR 90.
2. GA APN A: bitumen; flexible pavement; ultra low strength; restricted to 1,500KG MTOW.
3. GA APN B: bitumen; flexible pavement; ultra low strength; PCR 90.

PHYSICAL CHARACTERISTICS

08/26	082	46a	PCR 90/F/D/0.80 MPa/T Spray seal	WID 23	RWS 140
17/35	172	31c	PCR 90/F/D/0.80 MPa/T Spray seal	WID 18	RWS 80

AERODROME AND APPROACH LIGHTING

RWY 08/26	LIRL	PAL+AA 120.05	SDBY PWR AVBL
RWY 17/35	LIRL	PAL+AA 120.05	SDBY PWR AVBL

RWY 08/26 and 17/35 edge light spacing: 60M.

OTHER LIGHTING

1. SDBY PWR switchover time: 40 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.1 Circuit Area

LOCAL TRAFFIC REGULATIONS

1. All engine run-ups must be carried out on TWY A, bypass pad east of RWY 17/35.
2. RWS not intended for landing or take-off.
3. APN parking Bay 1 for emergency services ACFT only and for itinerant ACFT with AD OPR prior approval.
4. ACFT parking area north of Main APN restricted to ACFT with MTOW 1,500KG.
5. Helicopter access maximum rotor diameter of 11M. Helitaxi via TWY B only.
6. Carriage and use of radio is required by the aerodrome operator.

FLIGHT PROCEDURES

Right hand CCTS RQ when OPR on RWY 17 and RWY 26.

CTAF 118.8

NOISE ABATEMENT PROCEDURES

1. Circuit training is permitted only between the following hours:
   a. MON-SAT 0700 – 2100 Local
   b. SUN and PH 0900 – 1700 Local.
2. No more than four aircraft are permitted to conduct circuit training any one time.
3. When conducting circuit training operations, pilots should, where safe and consistent with expected training outcomes, climb at best rate to circuit height.
4. Pilots should avoid overflying Wentworth township.

ADDITIONAL INFORMATION

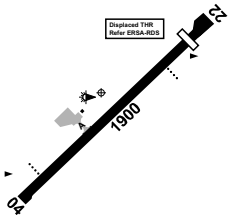
1. Animal hazard exists. Increased number of kangaroos, birds of prey and pelicans may be present in VCY of AD.
2. Automated External Defibrillator (AED) located in Aero Club Rooms. Door Access Code - 12345.

CHARTS RELATED TO THE AERODROME

WAC 3458.

WEST ANGELAS — ELEV 2346

AVFAX CODE 6824



WA UTC +8 YANG
230806S 1184224E VAR 1 DEG E CERT

AD OPR Robe River Mining Company Pty Ltd, Level 18, Central Park, 152-158 St Georges Terrace, Perth, WA, 6000.
Email: westangairport@amsaustralia.com. ARO 0498 553 652.

REMARKS

Restricted OPS: PPR from AD OPR.

HANDLING SERVICES AND FACILITIES

Viva Energy Aviation: PH 0427 574 127, JET A1. Fuel2Sky Carnet card or credit cards (V and MC).

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS PH 08 6332 8175 - Report faults to AD OPR.
3. AWIS FREQ 133.875 - (requires three one-second pulses to activate) - Report faults to AD OPR.

AERODROME OBSTACLES

1. Perimeter fence unmarked and unlit entire LEN of RWY 04/22.
   a. BTN BRG 217-051 DEG 973-1,048M FM ARP north of RWY CL infringes TNS 7.5FT
   b. BTN BRG 209-059 DEG 1,003-1,129M ARP south of RWY CL infringes TNS 7.5FT and 1FT.
2. Mast, 2,497FT AMSL BRG 296 DEG MAG 0.63NM FM ARP. Infringes HZS by 39FT. Lit.
3. Unlit waste dumps:
   a. 2,641FT AMSL BRG 067 DEG MAG 2.29NM FM ARP. Infringes inner HZS by 182FT.
   b. 2,740FT AMSL BRG 088 DEG MAG 3.14NM FM ARP. Infringes COS by 162FT.
4. Terrain:
   a. 3,340FT AMSL PSN BTN BRG 290-021 DEG MAG 2,000M-4,000M FM ARP. Extensive.
   b. 3,241FT AMSL BRG 219 DEG MAG 5.11NM FM ARP. Infringes RWY 04 APCH SFC.
5. Transient OBST BRG 047 DEG MAG 979M FM ARP. Vehicles MAX height 4.5M AGL. Transiting across the road H24.
6. Communication Towers (lit):
   a. 2,589FT AMSL BRG 115 DEG MAG 1.5NM FM ARP. Infringes inner HZS by 130FT.
   b. 2,543FT AMSL PSN 231016.33S 1184209.17E. Infringes inner HZS by 63FT

Information may be continued on the next page: PTO

7. Power poles:
   a. 2,573FT AMSL BRG 010 DEG MAG 2.85NM FM ARP. Infringes COS by 6FT.
   b. 2,585FT AMSL BRG 016 DEG MAG 2.72NM FM ARP. Infringes COS by 80FT.
   c. 2,534FT AMSL BRG 024 DEG MAG 2.61NM FM ARP. Infringes COS by 74FT.
   d. 2,511FT AMSL BRG 028 DEG MAG 2.44NM FM ARP. Infringes HZS by 54FT.
   e. 2,526FT AMSL BRG 034 DEG MAG 2.29NM FM ARP. Infringes HZS by 70FT.
   f. 2,492FT AMSL BRG 039 DEG MAG 2.17NM FM ARP. Infringes HZS by 35FT.
   g. 2,474FT AMSL BRG 041 DEG MAG 1.96NM FM ARP. Infringes APCH SFC by 16FT.
   h. 2,468FT AMSL BRG 045 DEG MAG 1.79NM FM ARP. Infringes APCH SFC by 11FT.
   i. 2,468FT AMSL BRG 048 DEG MAG 1.64NM FM ARP. Infringes APCH SFC by 11FT.
   j. 2,468FT AMSL BRG 052 DEG MAG 1.46NM FM ARP. Infringes APCH SFC by 11FT.
   k. 2,468FT AMSL BRG 057 DEG MAG 1.3NM FM ARP. Infringes HZS by 11FT.
   l. 2,520FT AMSL BRG 066 DEG MAG 1.12NM FM ARP. Infringes HZS by 63FT.
   m. 2,469FT AMSL BRG 079 DEG MAG 0.96NM FM ARP. Infringes HZS by 12FT.
   n. 2,476FT AMSL BRG 095 DEG MAG 0.88NM FM ARP. Infringes inner HZS by 19FT.
8. Power station transmission line:
   a. 2,470FT AMSL BRG 136 DEG MAG 1.5NM FM ARP. Infringes HZS by 13FT.
   b. 2,470FT AMSL BRG 140 DEG MAG 1.23NM FM ARP. Infringes HZS by 13FT.
   c. 2,470FT AMSL BRG 140 DEG MAG 1.06NM FM ARP. Infringes HZS by 13FT.

PHYSICAL CHARACTERISTICS

04/22	045	62a	PCR 500/F/A/X/T Grooved	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 04/22	LIRL(1)	PAL+AA 119.65		SDBY PWR AVBL
RWY 04/22	PAPI(2)	PAL+AA 119.65	3.3 DEG53FT	SDBY PWR AVBL

(1) NOT COMMISSIONED. EMERG use only.
(2) Left side. PAL activates all lighting.

OTHER LIGHTING

1. SDBY PWR switchover time: 10 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	128.15 Circuit area
BASE	WEST ANGELAS BASE	129.25 (1)

(1) All OPS: Advise AD OPR at least 20 MIN prior to ETA.

LOCAL TRAFFIC REGULATIONS

ACFT over 5,700KG to turn at RWY ends or APN movement area. MAX radius at MNM speed.

FLIGHT PROCEDURES

Right hand CCTS RWY 04. Significant high terrain within CCT area.

CTAF - AFRU 127.05

AFRU signal not AVBL on ground West Angelas.

ADDITIONAL INFORMATION

1. Intermittent blasting will take place WI 5NM of ARP, details AVBL from ARO. Dust plumes may exist after blasting.
2. Increased bird activity during and post rainfall events.

CHARTS RELATED TO THE AERODROME

1. WAC 3229.
2. Also refer to AIP Departure and Approach procedures.

WEST MAITLAND

FULL NOTAM SERVICE NOT AVBL

NSW		UTC +10	WMD
324518S	1513158E	VAR 13 DEG E	NO AD

RADIO NAVIGATION AND LANDING AIDS

NDB	WMD	224	324518.2S	1513157.9E	Range 65 (HN 65)

WEST MUSGRAVE

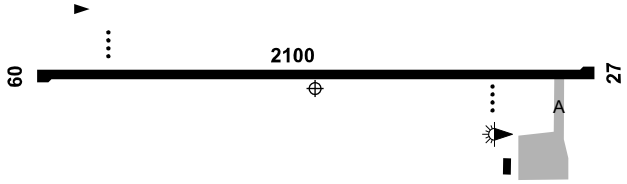
ELEV 1596

AVFAX CODE 6407

WA UTC +8 YWMO

260311S 1274127E VAR 3 DEG E CERT

AD OPR OZ Minerals Musgrave Operations Pty. Ltd, 125 St Georges Terrace, Perth, WA, 6000. Email: wmoad@bhp.com. PH Site Contact Duty ARO 0456 845 115 H24. Website: www.bhp.com.



REMARKS

1. Restricted operations. 24HR PPR FM AD OPR.
2. Parking allocation by prior arrangement with AD OPR.

HANDLING SERVICES AND FACILITIES

Marshalling, parking allocation and ground handling services by prior arrangement with AD OPR. JET A1 AVBL. Contact ARO. No fuel AVBL on Bay 2.

PASSENGER FACILITIES

Telstra 4G reception.

APRONS AND TAXIWAYS

TWY A - Code C, 23M sealed.

AERODROME OBSTACLES

Lit communications mast 1,841FT AMSL PSN 260451.84S 1274218.44E, infringes inner horizontal surface by 80FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS 122.075 (requires two pulses, one SEC apart to ACT)- Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

09/27 088 69a PCR 566/F/B/1.44 MPa/T Chip seal. WID 30 RWS 280

AERODROME AND APPROACH LIGHTING

RWY 09/27 LIRL AFRU+PAL 126.7

RWY 09/27 PAPI(1) AFRU+PAL 126.7 3.0 DEG52FT

(1) Left Side.

1. RWY edge LGT spacing 09/27: 56.83M.
2. RWY THR LGT: Green.
3. RWY end LGT: Red.

OTHER LIGHTING

1. TWY LGT: Blue edge.
2. Apron flood lighting.
3. Solar LGT units installed within RWS. Solar generation units installed within RWS either side prior to each RWY THR.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 130.9 4000FT

LOCAL TRAFFIC REGULATIONS

1. All ACFT ABV 5,700KG make MAX RAD turns at MNM speed at turn pads to avoid SFC damage.
2. All ACFT to follow APN markings.
3. All ACFT are RQ to backtrack on RWY CL.

FLIGHT PROCEDURES

Right hand CCTS RQ when OPR on RWY 27.

CTAF - AFRU 126.7

Information may be continued on the next page: PTO

ADDITIONAL INFORMATION
Quarry blasting located BRG 185 DEG MAG 3.13NM FM ARP. Blasting prohibited during planned flight times. CTC the ARO to coordinate flights and blasting times.

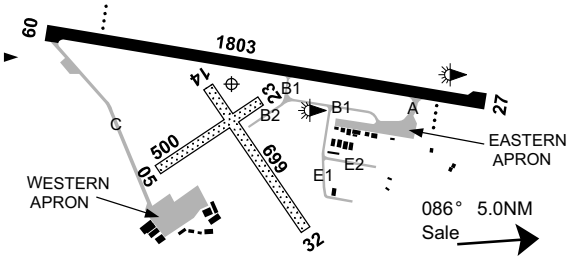
CHARTS RELATED TO THE AERODROME
WAC 3344.

WEST SALE — ELEV 93

AVFAX CODE 3059

VIC		UTC +10	YWSL
380530S	1465755E	VAR 13 DEG E	CERT

AD OPR Wellington Shire Council, PO Box 506, Sale, VIC, 3850. PH 1300 366 244.
ARO 1300 366 244. Website: www.wellington.vic.gov.au/development/airports.



REMARKS
AD Charges: Current fees and conditions of use can be obtained FM AD OPR or online.

HANDLING SERVICES AND FACILITIES
World Fuel Services 24HR AVGAS and JET A1 self-service bowsers. WFS carnet card, V and MC debit/credit cards via Compaq Pay smartphone APP. Phone 0427 323 115.

PASSENGER FACILITIES
TX (Phone 03 5144 3278)/LG/WC

METEOROLOGICAL INFORMATION PROVIDED
East Sale AWIS - 125.4.

PHYSICAL CHARACTERISTICS

05/23	043	16c	5700 kg/0.65 MPa Grassed grey silt clay.	WID 30	RWS 90
09/27	087	59a	PCR 100/F/D/1.06 MPa/T Grooved.	WID 30	RWS 150
14/32	133	23c	5700 kg/0.65 MPa Grassed grey silt clay.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 09/27	LIRL(2)	PAL+AA 119.6		SDBY PWR AVBL
RWY 09/27	PAPI(1)	PAL+AA 119.6	3.0 DEG39FT	SDBY PWR AVBL

(1) Left side. PAL+AA requires three three-second pulses to activate.
(2) PAL+AA requires three three-second pulses to activate.
RWY edge light spacing: 09/27: 60M.

OTHER LIGHTING
1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge on A, B1 and C. Reflective markers on E1, E2.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE		124.0 On Ground
ACC	SALE CENTRE		135.8 (4)
ACD	SALE DELIVERY		133.6 (1) (3)
APP	SALE APPROACH		123.3 340.2
ATIS	SALE ATIS	(2)	125.4 350

(1) When R360 ACT all ACFT ARR, DEP or OPR at West Sale RQ airways clearance.
(2) ATIS also AVBL on phone 03 5169 7488. AWIS BCST on ATIS outside East Sale TWR HR. East Sale NDB 350 also transmits voice in EMERG to ACFT with COM failure.
(3) A/G FAC Sale Delivery 133.6.
(4) If ACC and APP are combined CS Sale Approach.
1. ATS when R360/M301 ACT normally 2200-1200 UTC (2100-1100 UTC HDS) MON-THU, 2200-0400 UTC (2100-0300 UTC HDS) FRI. OT as required, check ESX NOTAM for details. SER provided by East Sale MIL ATC.
2. FREQ 243.0 - Guarded EMERG FREQ. Test transmissions 2200-2230 UTC (2100-2130 UTC HDS) JO.

LOCAL TRAFFIC REGULATIONS

1. When R360/M301 ACT, ATS provided by East Sale MIL ATC. AWY CLR is RQ. When R360 ACT, drivers of vehicles must CTC East Sale ACD and advise any REQ to enter the RWY or flight strip. Entry remains at driver discretion. Drivers are to advise ACD when they have vacated the RWY or flight strip.
2. ACFT DEP FM West Sale shall ascertain the status of R360/M301 prior to planned DEP. ATIS information AVBL on ES NDB (350 kHz).

FLIGHT PROCEDURES

1. Right hand CCTS on RWY 05, 09 and 14.
2. West Sale circuit subject to high speed, random MIL ACFT OPS.
3. **R360/M301**
   a. Refer also to EAST SALE ERSA entry for Airspace procedures.
   b. CTAF calls are not required when R360 is active.
   c. West Sale ATZ defined as 3NM RAD of West Sale ARP, SFC - A020.
4. **Landing/Cancellation of SARWATCH**
   a. ACFT are to remain on Sale APP FREQ 123.3 or Sale ACD 133.6 as directed until LDG at West Sale. LDG is at pilot discretion after being issued the approach clearance from ATC or when operating in the circuit for landing or for a touch and go.
   b. ACFT are to report clear of the RWY after landing to Sale ACD on 133.6. If unable to establish COM on 133.6, CTC Melbourne Centre on 124.0 or Phone APP 03 5146 7221.
   c. If COM cannot be established the pilot is to CTC East Sale ATC on 03 5146 7214. Separation on the movement area is not provided by ATC due to the geographical displacement of East Sale TWR.
5. **Departures**
   a. CTC East Sale ACD before taxiing to obtain AWY CLR and SSR code. Advise current PSN and nominate intended RWY for DEP and any requirements to backtrack on the RWY. Line up or backtrack remains at pilot discretion.
   b. At the HLDG point when ready, CTC ACD for DEP instructions. If advised by ATC to SDBY, hold PSN and listen for TFC advice. LDG and TKOF clearances are not issued.
   c. DO NOT TKOF UNTIL INSTRUCTED TO “REPORT AIRBORNE” BY ATC.
   d. If COM cannot be established with Sale APP or ACD, CTC Melbourne Centre on 124.0 MHz otherwise CTC YMES ATC by Phone 03 5146 7214. TKOF is at pilot discretion after receiving the instruction to “REPORT AIRBORNE” by ATC for a DEP or when in the circuit for a touch and go. Pilots are not to become airborne until in receipt of this instruction.
   e. ACFT operating in the circuit must report base stating RWY intentions (e.g. touch and go or full stop LDG).

Information may be continued on the next page: PTO

CTAF - AFRU 118.3

1. CTAF procedures apply when R360 NOT ACT.
2. Military flying training at East Sale BRG 080/8. 7NM FM West Sale ARP may be conducted outside R360/M301 HR of ACT. MIL ACFT may be conducting random high speed manoeuvres within 20NM of East Sale, CTAF.
3. Some instrument approach paths for East Sale pass within close proximity to West Sale aerodrome. Pilots of radio equipped aircraft shall maintain a listening watch on West Sale/ East Sale CTAF 118.3, and broadcast intentions within 20NM of West Sale.

ADDITIONAL INFORMATION

1. Bird hazard exists.
2. Model ACFT OPR SFC-400FT AGL WI 500M radius of 380536.00S 1470306.00E APRX BRG 070 MAG 4NM FM AD.
3. Caution: East Sale circuit APPROX 4NM E of West Sale ARP.

CHARTS RELATED TO THE AERODROME

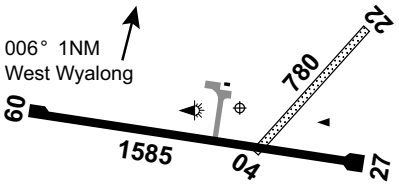
1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

WEST WYALONG — ELEV 859

AVFAX CODE 2202

NSW		UTC +10	YWWL
335614S	1471129E	VAR 11 DEG E	CERT

AD OPR Bland Shire Council, PO Box 21, West Wyalong, NSW, 2671. PH 02 6972 2266.
ARO 0428 116 700: 0428 607 092: 0455 895 565: 0409 883 829.
Website: www.blandshire.nsw.gov.au.



REMARKS

1. This AD is a Security Controlled Airport.
2. AD Charges: refer to website. AD OPR uses AVDATA system.

HANDLING SERVICES AND FACILITIES

World Fuel Services (WFS): H24 AVGAS bowser WFS card swipe and credit card (via smartphone APP). Email: anzoperations@wfscorp.com.

PASSENGER FACILITIES

PT/TX (02 6972 2155 or 0428 695 328)/HC.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 02 9353 6457 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

04/22	030	26c	Unrated. Central 18M red clay	WID 18	RWS 90
09/27	087	52a	Unrated.	WID 30	RWS 150

1. Turning nodes at ends & 420 FM THR 09 - WID 45
2. RWY 04/22 not AVBL to ACFT ABV 5,700KG MTOW.

AERODROME AND APPROACH LIGHTING

RWY 09/27	LIRL	PAL 126.7
RWY 09/27	PTBL(1)	BY PRIOR ARRANGEMENT

(1) EMERG 1 HR PN CTC ADO.
RWY edge light spacing: 09/27: 90M.

OTHER LIGHTING
TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 134.65 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION
1. Bird hazard exists.
2. Kangaroo hazard exists on and around RWY 09/27 and RWY 04/22 H24.
3. Model ACFT OPR at PSN 334936.00S 1471818.00E BRG 029 MAG 8.8NM FM West Wyalong AD (YWWL) OPR will MNT 126.7. OPR CTC PH 0413 588 720.

CHARTS RELATED TO THE AERODROME
1. WAC 3456, 3457.
2. Also refer to AIP Departure and Approach Procedures.

WESTBURY/CROFTON FARM

ELEV 570
FULL NOTAM SERVICE NOT AVBL



TAS UTC +10 YCRF
412804S 1465018E VAR 14 DEG E UNCR
AD OPR Dwayne Barwick, 805 Birralee Road, Westbury, TAS, 7303.
Email: barwick805@bigpond.com. Mobile 0427 874 308.

REMARKS
1. PH prior to landing to CFM RWY conditions.
2. RWY unusable in wet conditions.

HANDLING SERVICES AND FACILITIES
Nil fuel AVBL.

PASSENGER FACILITIES
WC/Water.

AERODROME OBSTACLES
Unlit PWR pole and lines 50M E of RWY 14 THR.

PHYSICAL CHARACTERISTICS
14/32 21c 5700 kg Unrated. Grass. RWY LEN 625M. WID 10 RWS 15

ATS AND AERODROME COMMUNICATION FACILITIES
FIA LAUNY CENTRE (1) 123.8
(1) Outside LT TWR and APP HR ML CENTRE.

CTAF 126.7

FLIGHT PROCEDURES
Right hand CCTS on RWY 32.

ADDITIONAL INFORMATION
Hazards: terrain turbulence, livestock and wildlife.

CHARTS RELATED TO THE AERODROME
WAC 3556.

Information may be continued on the next page: PTO

WESTMEAD CASB

ELEV 264

FULL NOTAM SERVICE NOT AVBL

NSW UTC +10 YXWS
334809S 1505924E VAR 13 DEG E UNCR
AD OPR Western Sydney Local Health District, PO Box 533, Wentworthville, NSW, 2145. Email: Peter.Martin2@health.nsw.gov.au: WSLHD-PMO@health.nsw.gov.au. PH 02 8890 5555. Mobile 0428 658 256.

REMARKS

1. PPR. Private use, not open for public access.
2. Security controlled.
3. Authorised medical EMERG OPS only.
4. Escorted hospital access. Security and porter will meet helicopter.
5. CTC Switch 02 8890 6609, in excess of 20 MIN prior to ETA to confirm patient destination.

PHYSICAL CHARACTERISTICS

1. Elevated concrete HLS.
2. FATO 25M.
3. MAX landing weight 6,800KG.
4. Single helicopter use only.
5. Marked approach/departure directions surveyed clear of obstacles.

AERODROME AND APPROACH LIGHTING

1. PAL FREQ: 121.30 MHz.
2. LGT PAL and MAN switched.
3. Green perimeter LGT.
4. Amber surveyed flight path direction LGT.
5. Flood LGT on separate switch.
6. Windcone illuminated with white LGT, read OBS LGT on top.

OTHER LIGHTING

ABN FLG 5 WGY
All HLS lighting NVIS compatible (except flood – to be off for aircraft operations).

ATS AND AERODROME COMMUNICATION FACILITIES

FIA SYDNEY CENTRE 124.55 On ground

CTAF 124.15

ADDITIONAL INFORMATION

Westmead Childrens Hospital HLS (YXWM) and Careflight Base within Westmead Medical Precinct.

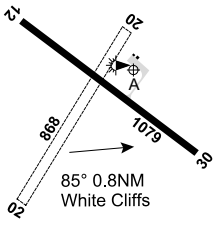
CHARTS RELATED TO THE AERODROME

1. WAC 3456.
2. Also refer to AIP Departure and Approach Procedures.

WHITE CLIFFS

ELEV 536

AVFAX CODE 2231



NSW UTC +10 YWHC
305105S 1430424E VAR 9 DEG E CERT
AD OPR Central Darling Shire Council, PO Box 165, Wilcannia, NSW, 2836. Email: council@centraldarling.nsw.gov.au. PH 08 8083 8900. ARO 0400 354 053 (H24). PH AH 0429 915 992.

HANDLING SERVICES AND FACILITIES

AVGAS 100LL AVBL. Phone Matt Young 08 8091 6606 (24H).

PASSENGER FACILITIES

WC/AC Phone 08 8091 6606 or 08 8091 6677.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 02 9353 6458 - Report faults to BoM.
3. AWIS FREQ 128.45 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

02/20	021	28c	Unrated. Grass	WID 30	RWS 90
12/30	117	35a	PCR 100/F/B/0.60 MPa/U	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 12/30 LIRL PAL 120.05 SDBY PWR AVBL BY PRIOR ARRANGEMENT

1. Standby PWR FM manual generator on 15 MIN PN for MED flights only.
2. RWY edge light spacing: 90M.

OTHER LIGHTING

Blue TWY edge lights.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 124.9 3500FT

CTAF 126.7

ADDITIONAL INFORMATION

Bird and kangaroo hazard exists.

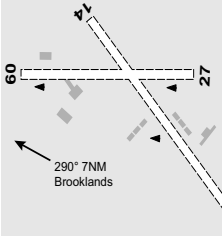
CHARTS RELATED TO THE AERODROME

1. WAC 3355.
2. Also refer to AIP Departure and Approach Procedures.

WHITE GUM

ELEV 1000

FULL NOTAM SERVICE NOT AVBL



WA UTC +8 YWGM

315202S 1165621E VAR 1 DEG W UNCR

AD OPR White Gum Air Park, Lot 2308, Cameron Rd, Malebelling, WA, 6302. Mobile 0400 246 906. Website: www.ywgm.com.au.

REMARKS

1. AD not AVBL HN.
2. RWY 14/32 check for serviceability.

HANDLING SERVICES AND FACILITIES

MOGAS AVBL at bowser located TWY east RWY 14/32.

AERODROME OBSTACLES

1. Powerline 150M FM threshold of RWY 14.
2. RWY 14/32 trees both sides southern half.

PASSENGER FACILITIES

AC/WC at White Gum Farm: 0408 906 520. Mobile phone coverage.

PHYSICAL CHARACTERISTICS

09/27	25c	Unrated. Gravel. RWY LEN 750M.	WID 15	
14/32	46c	Unrated. Sand. RWY LEN 1,400M. RWY 14 DTHR 50M. Slope down to N.	WID 15	

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 120.3 Circuit area

FLIGHT PROCEDURES

Pilots are requested to avoid overflying of residential buildings.

CTAF 126.7

ADDITIONAL INFORMATION

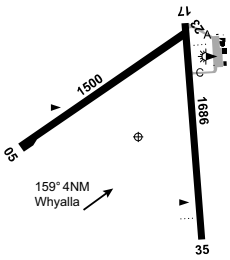
1. Caution, ultralight flight training OPS.
2. Danger zone at Brooklands, 7NM 290°.
3. Located within the Kauring Airborne Geophysical Test Range. Survey aircraft conduct low level calibration testing without notice.

Information may be continued on the next page: PTO

CHARTS RELATED TO THE AERODROME
WAC 3351, 3462.

WHYALLA ELEV 41

AVFAX CODE 5003



SA UTC +9:30 YWHA
330332S 1373052E VAR 7 DEG E CERT
AD OPR Corporation of the City of Whyalla, PO Box 126, Whyalla, SA, 5600. Email: airport.ops@whyalla.sa.gov.au. PH 08 8640 3444: AD OPS H24 0417 842 459 Phone calls only.

REMARKS
1. AD Charges: All ACFT.
2. This AD is a Security Controlled Airport.
3. BTN 2100 - 0600 Local, Airport Entrance Gates are locked for security. Contact AD OPS for out of hours opening.

HANDLING SERVICES AND FACILITIES
AVGAS: self serve credit card facilities AVBL in Bay 1 only. JET A1: PH AD OPS, AVBL in Bay 1 only. VISA or MC required for non-account holders. No call-out fee.

METEOROLOGICAL INFORMATION PROVIDED
1. TAF CAT C, METAR/SPECI.
2. AWIS PH 08 8150 3819 - Report faults to BoM.
3. AWIS FREQ 133.325 (one pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	047	49a	PCR 110/F/B/1.10 MPa/T Sealed.	WID 30	RWS 90
17/35	167	55a	PCR 160/F/B/1.10 MPa/T Sealed.	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 17/35	LIRL	PAL+AA 122.2		SDBY PWR AVBL
RWY 17/35	PAPI(1)	PAL+AA 122.2	3.0 DEG45FT	SDBY PWR AVBL

(1) Left Side.
RWY 17/35 edge light spacing: 58.2M.

OTHER LIGHTING
1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge on A and C.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 123.9 Circuit Area

RADIO NAVIGATION AND LANDING AIDS
NDB WHA 371 330329.2S 1373127.2E Range 75 (HN 75) (1)
(1) 260/0.5 to ARP

LOCAL TRAFFIC REGULATIONS
1. All ACFT except RPT ACFT must park in the light ACFT area to S of sealed RPT apron.
2. Refuelling not AVBL when Bay 1 occupied by RPT ACFT.

CTAF - AFRU 126.9

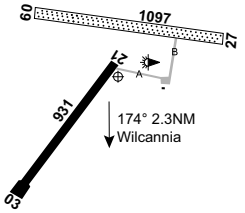
ADDITIONAL INFORMATION
Animal & bird hazard exists.

CHARTS RELATED TO THE AERODROME
1. WAC 3459.
2. Also refer to AIP Departure and Approach Procedures.

WILCANNIA

ELEV 313

AVFAX CODE 2229



NSW UTC +10 YWCA
313110S 1432252E VAR 9 DEG E CERT
AD OPR Central Darling Shire Council, PO Box 165, Wilcannia, NSW, 2836. Email: council@centraldarling.nsw.gov.au.
PH 08 8083 8900. ARO PRI 0482 537 321: SRY 0448 641 504: OPS MGR 0455 238 654.

REMARKS

1. Landing charges: All ACFT.
2. AD not suitable for gliding OPS.

HANDLING SERVICES AND FACILITIES

Stark Aviation Fuels - 24HR AVGAS and JET A1. Credit cards accepted.
Flying Fuels: PH: 0412 602 447. AVGAS and JET A1. Payment V or MC.

PASSENGER FACILITIES

WC/PT (local only)/AC PH 0437 010 105 or 08 8091 5957.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 02 9353 6459 - Report faults to BoM.
3. AWIS FREQ 133.35 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

03/21	027	31a	PCR 100/F/B/0.60 MPa/U	WID 18	RWS 90
09/27	088	36c	Unrated. Grassed gravel.	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 03/21 LIRL PAL 119.6 SDBY PWR AVBL BY PRIOR ARRANGEMENT

1. RWY edge light spacing: 03/21: 93M.
2. Manual generator on 15 MIN PN for medical flights only.

OTHER LIGHTING

1. RWY THR and end lights comprise 2 outer green omni-directional lights and 2 green/red bi-directional lights in 2 groups (total of 4 lights) separated by a 16M wide gap.
2. Blue TWY edge lights and amber holding point lights on TWY A.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 124.9 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION

Animals (Kangaroos) and bird hazard exists on movement area.

CHARTS RELATED TO THE AERODROME

WAC 3355.

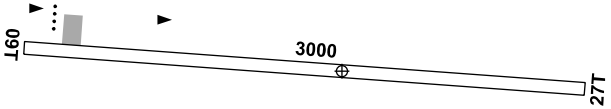
WILKINS RUNWAY

ELEV 2522

AVFAX CODE 9804

FULL NOTAM SERVICE NOT AVBL

OTH UTC +11 YWKS
664129S 1113135E VAR 106 DEG W CERT
AD OPR Australian Antarctic Division, 203 Channel Highway, Kingston, TAS, 7050.
Email: wilkins.manager@aad.gov.au. PH +8816 2146 1961.



Information may be continued on the next page: PTO

REMARKS
1. PPR, private use.
2. Wilkins Runway is operational from late October to early March. Facility is opened for approved aircraft movements only. CTC Casey Station Leader or Operations Coordinator. At least seven days notice is required to open the aerodrome during this operational period.

HANDLING SERVICES AND FACILITIES
Nil fuel AVBL.

PASSENGER FACILITIES
Limited - MAX 40. No water.

AERODROME OBSTACLES
High terrain to the East and North-East of aerodrome.

METEOROLOGICAL INFO PROVIDED
AWIS FREQ 133.5 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS
09T/27T 200 98c Unrated. Ice RWY. WID 30 RWS 150

AERODROME AND APPROACH LIGHTING
RWY 09T PAPI(1) 3.0 DEG37FT
(1) Left side.

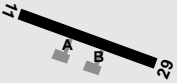
CTAF 129.7

ADDITIONAL INFORMATION
Radar altimeter may be affected by ice.

CHARTS RELATED TO THE AERODROME
1. Type A chart 2025.
2. Also refer to AIP Departure and Approach Procedures.

WILLIAM CREEK

ELEV 241
FULL NOTAM SERVICE NOT AVBL



SA UTC +9:30 YWMC
285425S 1362028E VAR 6 DEG E UNCR
AD OPR William Creek Progress Association, William Creek, SA, 5710.
Email: info@wrightsair.com.au. ARO 08 8670 7962: 0433 767 727.

REMARKS
1. AD Charges: Single $15.00; Twin $25.00.
2. CTC ARO for strip condition.

HANDLING SERVICES AND FACILITIES
AVGAS and JET A1 H24 credit card bowser (V and MC). PN is preferred. CTC ARO.

PHYSICAL CHARACTERISTICS
RWY 11/29 Length 1,200M. WID 18M. Sealed.

AERODROME AND APPROACH LIGHTING
RWY 11/29 Solar H24.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 120.7 6500FT

CTAF 127.8

ADDITIONAL INFORMATION
1. Beware of mustering ACFT in the area.
2. Beware of birds on RWY.
3. Increased traffic in the area when Lake Eyre has water.

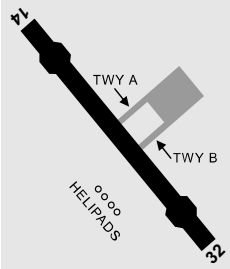
CHARTS RELATED TO THE AERODROME
WAC 3354.

WILLIAMSON

ELEV 104

AVFAX CODE 4419

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YWIS

222824S 1501042E VAR 9 DEG E UNCR

AD OPR DCSO Rockhampton, 68 Western Street, Rockhampton, QLD, 4700. PH 07 4935 5000. Fax 07 4935 5024.

REMARKS

1. PPR.
2. Contact range control on 07 4935 5000 prior to DEP to CFM FREQ RQMNTS.
3. Caution: This aerodrome is not subject to routine serviceability inspection or NOTAM advice of unserviceabilities. Additional aerodrome data is available from the contact telephone numbers above.

AERODROME OBSTACLES

High terrain 2.2NM N of AD.

METEOROLOGICAL INFORMATION PROVIDES

1. METAR/SPECI.
2. AWIS PH 07 3564 3747 - Report faults to BoM.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	119.55 4000FT

LOCAL TRAFFIC REGULATIONS

1. Inspection recommended at the end of each day's OPS to confirm if any functional damage to spray seal.
2. MAX RAD turns at turning nodes.
3. PRKG AVBL on main APN.

CTAF 126.7

ADDITIONAL INFORMATION

1. Kangaroo hazard exists, particularly around dawn and dusk.
2. MIL users consult *Aircraft Pavement Strength Evaluation Manual* (adf.ces@defence.gov.au) and *Airfield Survey Database* (airfield.surveyagency@defence.gov.au) for latest data.

CHARTS RELATED TO THE AERODROME

1. WAC 3235.
2. MIL Aerodrome Obstruction Chart Type A: NOV 2019.

Information may be continued on the next page: PTO

WILLIAMTOWN

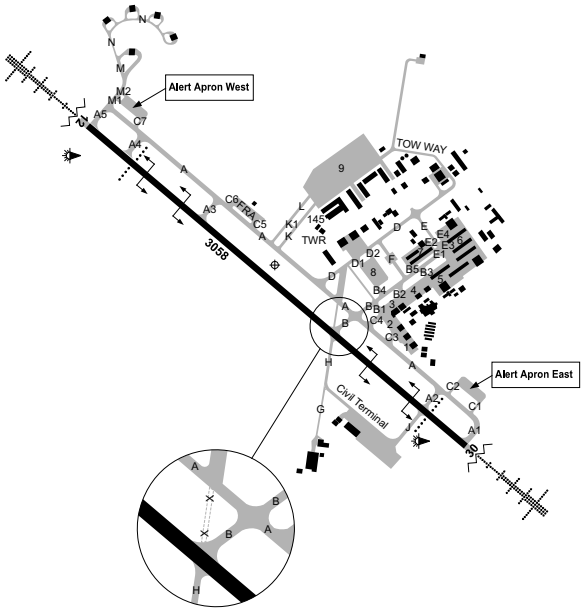
ELEV 31

AVFAX CODE 2012

NSW UTC +10 YWLM

324742S 1515004E VAR 13 DEG E MIL

AD OPR RAAF, Airbase Operations Centre - RAAF Base, Williamtown, NSW, 2314. Email: wlm.aboc@defence.gov.au. PH 02 4034 5888. Fax 4034 7881. Website: Civil www.newcastleairport.com.au.



REMARKS

1. CIV terminal OPR: Newcastle Airport Ltd (NAPL), Private Bag 1, Williamtown NSW 2318. Terminal Operations Coordinator 02 4928 9810, 0417 281 866, fax 02 4965 1556, email: operations2@newcastleairport.com.au or website.
2. AD not AVBL for planning as an ALTN or ENR ALTN without prior approval.
3. AD not AVBL for general use – MIL CONTROL. PPR for all CIV OPS and visiting MIL ACFT:
   a. For all MIL ACFT and CIV ACFT parking on MIL aprons, contact WLM ABOC.
   b. For CIV ACFT, contact NAPL. Online approval AVBL. ARR/DEP times may be SKED to meet RAAF/CIV RQMNTS.
   c. Curfew applies to CIV OPS outside normal airfield operating hours (2000-1200 UTC, 1HR earlier HDS). AH must be approved by RAAF, regardless of previous NAPL approval. Contact NAPL.
   d. All CIV and visiting MIL aircraft to submit FPL and quote approval number. ATS HR 2000-1200 UTC DLY (1HR earlier HDS). May be extended in support of MIL OPS (check CTR NOTAM).
4. NAPL charges - refer to website.
5. Customs, immigration and health AVBL 24HR PN.
6. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

AMS (MIL) AVBL email: wlm.26sqnamsops@defence.gov.au or PH: 02 4077 6911.
OPR HR MON-FRI 2200-0600 UTC (1HR earlier HDS) except public holidays.
AIR BP – NTL Ground Handling DLY 2000-0800 UTC, 1HR PN AH, AH call out fee $150, PH: 0404 484 053, email: shane@austrs.com. Nil AVGAS AVBL.
Limited lavatory and potable water SER not AVBL to transiting MIL ACFT.

RESCUE AND FIREFIGHTING SERVICES

1. CAT 6 2000-1200 UTC DLY (1HR earlier HDS). CAT 4 OT.
2. When ATS not active, RFFS CS “WILLY FIRE” AVBL on CTAF FREQ.
3. RFFS vehicles carry water, foam and dry chemical powder firefighting agents as recommended by ICAO.
4. 4 x 50KG dry chemical extinguishers AVBL on CIV APN.
5. FREQ 131.0 AVBL HO. REQ via ATC.

APRONS AND TAXIWAYS

1. **STRENGTH/PCR:**
   a. Civil apron Bays 1 - 14 unrated.
   b. TWY A, A1, A2, A5, B BTN RWY 12/30 and TWY A, J - PCR 730/C.
   c. TWY D BTN TWY A and D1, compass swing - PCR 640/C.
   d. TWY A3, A4, B, B1, B2, B3, B4, B5, C3, C4, C5, C6, D BTN compass swing and TWY E, D1, D2, E, E1, E2, E3, E4, F, FRA, MA2, MA3, MA4, MA6, MA7, MA8 - PCR 450/C.
   e. TWY D BTN TWY E and Hangar 11, M, N, OLA 20, 21, 22, 23, 24, AEW C Hangar Apron, MA5 - PCR 370/C.
   f. TWY C1, C2, C7, K, K1, L, M1, M2, Tow Way, Alert Apron East, Alert Apron West, MA9 - PCR 280/C.
   g. TWY G, engine run up bay - PCR 150/C.
2. **CAUTION:**
   a. Uncontrolled vehicle crossings on TWY B, C1, C2, D, H, J, M.
   b. MIL TWY and APN not visible to ATC. Vehicles and pedestrians may operate N of TWY A without ATC clearance. ATC will advise taxiing ACFT about other taxiing ACFT and ACFT under tow.

SURFACE MOVEMENT GUIDANCE

1. RWY 12/30 DIST to run marker installed.
2. INS marker boards coincident with TACAN check points on TWY A and lit.
3. TWY L/K are one way. Guidance signs installed facing TWY A.

AERODROME OBSTACLES

1. Mast 170FT AMSL 198/0.59NM FM ARP
2. Lit water tower 171FT AGL 088/0.7NM FM ARP
3. M34B arrestor barrier anchor points at end of both CWY 5FT AGL 28M (92FT) outside extended RWY CL. See RDS for STODA.
4. Arrestor huts 9FT AGL located 85M either side of RWY CL associated with recessed bi-directional BAK 12/14 hookcables (*see ARRESTING GEAR*).
5. Lit ATC tower 145FT AMSL, PSN 324738.40S 1515020.04E, 075/380M FM ARP
6. Trees:
   a. 62FT AMSL 115/0.97NM FM ARP
   b. 60FT AMSL 114/1.14NM FM ARP
   c. 72FT AMSL 119/1.15NM FM ARP
   d. 146FT AMSL 305/1.57NM FM ARP
7. Lit TACAN 52FT AGL 205/295M FM ARP. Infringes OLS.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, TAF3 issues hourly AVBL during MO HR, AD WRNG, WS WRNG.
2. AWIS PH 02 9353 6460 - Report faults to AD OPR.
3. AWIS FREQ 316.1, 365 AVBL outside TWR HR - Report faults to AD OPR.
4. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing AVBL FM Defence MO TEL 02 9296 1670 when staffed. AH AVBL FM MWO TEL 02 9296 1526.

Information may be continued on the next page: PTO

PHYSICAL CHARACTERISTICS

12/30 118 100a/b PCR 730/F/B/1.93 MPa/U Grooved WID 45 RWS 280
No RWY shoulders.

ARRESTING GEAR

RWY12	BAK 12/14 (R)(B) 450 (1,476)	--------	BAK 12/14 (R)(B) 450 (1,476)	RWY30

1. Recessed bi-directional BAK 12/14 hookcables INSTL 450M (1,476FT) SE of THR RWY 12 and 450M (1,476FT) NW of THR RWY 30. Marked by yellow circles painted on RWY and adjacent to DIST to run marker.
1.1. Infrastructure exists for inner east and inner west BAK 12/14, however hookcables not INSTL. Location of inner west infrastructure is 951M (3,120FT) SE THR RWY 12. Location of inner east infrastructure is 910M (2,985FT) NW THR RWY 30. Marked by yellow circles painted on RWY and adjacent to DIST to run marker.
1.2. Normal OPR PSN on LDG:
   a. Dry RWY - arrestable ACFT DEP end down.
   b. Wet RWY - arrestable ACFT DEP end up.
1.3. Normal OPR PSN on DEP:
   a. Wet/dry RWY - arrestable ACFT DEP end up.
1.4. DEP end up on pilot request at anytime.
1.5. Non-arrestable ACFT both ends down. No crossing RESTR in down PSN.
   Notes:
   a. In the event of PWR failure, cables will rise to a HGT of 10CM until PWR is restored (up to 30 MINS).
   b. CONC absorber housing 1FT high ADJ RWY edge.
2. M34B(R) barriers located in OVRN 62M (203FT) NW of THR RWY 12 and 62M (203FT) SE of THR RWY 30. NML OPR PSN for barriers is down (1M AGL). Barriers equipped with FLG red lights. If lights are visible on final, LDG is being attempted over a raised barrier (6M AGL).
3. BAK 12/14 locked down and not AVBL MON-FRI outside of published HR of locally based MIL fast jet ACFT OPS, including weekends and public holidays. ATC cannot override. Contact WLM ABOC to check or arrange availability.
4. M34B and BAK 12/14 not available during CTAF HR except with PN.
5. Arresting system status will not be provided by ATC when in normal operating position.
6. M34B Net Arrestor Systems top wire design height not guaranteed when the RWY condition is wet due to Net sagging.

AERODROME AND APPROACH LIGHTING

RWY 12/30	HIAL-CAT I	AFRU+PAL 118.3		SDBY PWR AVBL
RWY 12/30	HIRL(1)	AFRU+PAL 118.3		SDBY PWR AVBL
RWY 12/30	PAPI	AFRU+PAL 118.3	3.0 DEG50FT	SDBY PWR AVBL
RWY 12/30	PTBL(2)			
RWY 12/30	SFL	AFRU+PAL 118.3		SDBY PWR AVBL

(1) NIL STWL.
(2) PTBL LGT AVBL H24. Laid by RFFS. 2HR PN RQ.

1. **ALS type and length**
   a. RWY 12 - distance coded CL: 900M.
   b. RWY 30 - distance coded CL: 930M.
2. AFRU+PAL AVBL during CTAF HR.
3. Fixed LGT INTST settings when PAL in use. Fixed LGT INTST settings may RQ increased ILS LDG VIS minima.
   a. PAL day mode LGT INTST – PAPI stage 6, HIRL/HIAL/SFL/TWY OFF
   b. PAL evening mode LGT INTST – PAPI/HIRL/HIAL stage 4, SFL/TWY stage 2
   c. PAL night mode LGT INTST – HIRL/HIAL/PAPI stage 2, SFL/TWY stage 1
4. For manual activation of AD LGT in event of PAL failure CTC “WILLY FIRE” FREQ 118.3 and REQ “PAL OVERRIDE”.
5. RWY 12/30 – no RWY CL LGT INSTL.
6. RWY 12/30 edge lighting spacing: 56M.

OTHER LIGHTING

Secondary PWR switchover time: 15 SEC. Does not support TKOF BLW 800M VIS.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE		125.7
ACD	WILLY DELIVERY		130.35 (3)
APP H	WILLY APPROACH HIGH	(1)	133.3 261.4
APP L	WILLY APPROACH LOW	(1)	135.7 293.4
ATIS	WILLY ATIS		134.45 316.1 365
SMC	WILLY GROUND	(2)	121.8
SMCV	WILLY GROUND		127.25
TWR	WILLY TOWER	(2)	118.3 243.0 280.9

(1) APP H is the primary frequency. During busy periods, APP L is also active to provide ATS. Both frequencies are monitored and ACFT will be directed to the appropriate frequency as required.

(2) ACFT will not be advised of SMC or TWR frequencies. Departing ACFT shall CTC SMC after receiving AWY CLR and CTC TWR approaching holding point. Arriving ACFT shall CTC SMC after vacating RWY.

(3) ATS frequencies have reduced range APRX 25NM to N and NW BLW 3000FT due terrain shielding. Relay AVBL through BRISBANE CENTRE 120.55.

1. EMERG FREQ 243.0 guarded, APP and TWR.
2. Automatic retransmit FAC exists BTN 118.3/280.9, 133.3/261.4, 135.7/293.4, 121.8/127.25.

RADIO NAVIGATION AND LANDING AIDS

DME	IWM	110.5/ 42X (RWY12)	324723.7S	1514926.4E		(5)
GP	IWM	329.6 (RWY12)	324723.7S	1514926.4E		(3)
ILS	IWM	110.5 (RWY12)	324823.1S	1515058.3E		(4)
LOC	IWM	110.5 (RWY12)	324823.1S	1515058.3E		(3)
NDB	WLM	365	324812.1S	1514943.6E	Range 115	(1)
TAC	WLM	112.8/ 75X	324749.7S	1514959.2E		(2)

(1) Voice AVBL to ACFT with COM failure. Pilot MNT. Excessive needle oscillations on BRG 230 beyond 21NM.

(2) CAUTION: Bearing unlock may occur on final APCH inside FAF both RWY. Pilot MNT.

(3) Pilot MNT during CTAF HR.

(4) ILS Critical Area not protected during CTAF HR. Pilot MNT during CTAF HR.

(5) Antenna ELEV 53FT.

LOCAL TRAFFIC REGULATIONS

1. Civil VFR ACFT must contact Willy Delivery 130.35 to advise FLT details and obtain SSR code before entering WLM restricted areas. VFR ACFT should submit FPL to reduce delays in ACFT processing. Exceptions apply to some VFR routes, see Flight Procedures.
2. ACFT operating at weights of 25,000KG or less are permitted to conduct 180 DEG turns on the RWY. All other ACFT must execute 180 DEG turns on concrete THR. All ACFT must use MAX radius turns on RWY.
3. New (taller, eastern) ATC tower not yet commissioned. If ATC light signals are required, look to old (shorter, western) tower.
4. All taxiways and aprons NE of TWY A restricted to MIL and RAAF-approved CIV ACFT only.
5. During CHASE OPS, all taxiing aircraft can expect a clearance to intermediate holding points located on TWY A, B, H, J. Aircraft are not to proceed beyond the intermediate holding point until cleared by ATC. Standard readback RQMNTS apply.
6. All civil ACFT require 30MIN holding fuel during ATS hours. Non-standard priorities apply during ATS hours.

Information may be continued on the next page: PTO

7. **PRIORITIES**
   a. DRG ATS HR, priorities are applied IAW *AIP ENR 1.4*, except military activities may be given priority over other traffic.
   b. Priorities between conflicting military activities will be managed as per *FIHA AD2 SUP WLM*. Locally-based Air Combat Group ACFT will typically receive priority over other MIL ACFT.
   c. Priorities may be amended by AIP SUP or NOTAM during periods of increased operational tempo.
8. **INSTRUMENT APPROACH TRAINING**
   a. CIV and MIL INSTR APCH training permitted DRG ATS HR with ATC approval. CTC ATC for approval and slot time, phone 02 4034 6807. See Priorities.
   b. During CTAF HR, full stop LDG and touch and go not AVBL. All aircraft are to comply with published missed approach procedures unless specific approval granted by WLM ABOC.
9. **SURVEY AND AWK FLIGHTS**
   a. Survey and AWK within 25NM of YWLM PPR, subject to ATC workload and MIL traffic. See Priorities.
   b. Details of proposed flight, including maps, must be provided to ATC 24 hours prior to intended operation, email: wlm.atc@defence.gov.au. Submission of details does not assure flight will be approved.
   c. CTC ATC for approval and slot time prior to take off, phone 02 4034 6807.
   Note approval may be withdrawn at any time to afford MIL priority.
   d. ATC approval of survey flight does not constitute approval for photography of RAAF Base Williamtown. CTC Airbase Operations Centre 02 4034 5888 for photography approval.
10. MILITARY L-BAND RADAR is in operation at PSN 324801S 1514956E.
   a. Possible avionics interruptions/errors WI 150M BLW 500FT AMSL.
   ACFT transporting MIL ordnance are to observe the FLW separation FM the radar site unless ordnance manufacturers specify shorter distance.
   b. Hero Susceptible 1.3KM/1,500FT AMSL.
   All ACFT planning to carry Hero Susceptible ordnance into Williamtown are required to obtain permission 24HR prior to arrival. Contact as listed at the start of the Williamtown entry.

FLIGHT PROCEDURES

1. **TRAFFIC MANAGEMENT PROCEDURES**
   a. In order to comply with the WLM TMP, suitably equip aircraft will be issued a corresponding SID/STAR for the duty RWY IAW *GEN-FPR* for WLM.
   b. During Military flying windows, nominally 0900-2200 Local MON-FRI, the RNP AR approaches and corresponding STAR are not available. WLM ATC may offer these approaches when traffic/workload permits.
   c. During CTAF operations WLM SID and STAR may be available subject BN CEN workload and traffic management
2. **SPEED RESTRICTIONS**
   a. When not on a SID or STAR CIV ACFT must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.
   b. Refer *FIHA AD2 SUP WLM* for MIL speed restrictions.
3. **CIRCUITS**
   a. Right hand circuits required when OPR on RWY12.
   b. Circuit Area defined as 5NM radius, over land, SFC to 2,500FT AMSL.
   c. Circuit heights: Non-jet FW ACFT with MTOW more than 7,000kg and all jet FW ACFT – 1,500FT AMSL; Non-jet FW ACFT with MTOW of 7,000kg or less – 1,000FT AMSL; rotary wing ACFT – 500FT AMSL.
   d. VFR ACFT OPR in the circuit area will not receive directed traffic information regarding VFR ACFT OPR in the ADJ Coastal Route.
   e. VFR ACFT OPS in the circuit area will not be separated from IFR local MIL operations.
   f. CIV circuit training is only AVBL to authorised ACFT – see Remarks. PPR. CTC ATC for approval and slot time, phone 02 4034 6912.

4. **R597 SALT ASH AIR WEAPONS RANGE**
   a. When Salt Ash Air Weapons Range is in use, R597 ACTIVE will be broadcast on ATIS during ATS HR. Range activity height may vary from R597 NOTAM levels.
   b. When R597 SALT ASH ACTIVE, FLW restrictions apply:
      (i) UBSON ONE ALPHA RWY 12 SID not AVBL.
      (ii) LAXUM TWO ROMEO RWY 30 STAR, LAXUM TWO VICTOR RWY 30 STAR and RNP X RWY 30 not AVBL.
      (iii) NDB RWY 30 APCH and DME/GNSS Arrival not AVBL.
      (iv) ARR and DEP ACFT expect tracking RESTR around R597.
   c. Coastal VFR Route traffic will not be provided with traffic information on ACFT operating within R597.

   Note: additional PROC and some exceptions apply to MIL ACFT – refer FIHA AD2 SUP WLM.

5. **D537 SALT ASH MILITARY FIRING**
   a. Caution: D537 infringes the WLM circuit area and circling area. Vertical limits SFC to A013. Hours of activation vary, check NOTAM.

6. **COASTAL VFR ROUTE**

   NOBBYS HEAD (NBB) – ANNA BAY (ANA) – PORT STEPHENS LIGHTHOUSE (PSS) – BROUGHTON ISLAND (BRI) – SUGARLOAF POINT (SUG) AND REVERSE
   a. Caution: Non-compliance with procedures may result in penetration of active MIL restricted areas/R597 air weapons range.
   b. Caution: Unauthorised drone flying hotspot BTW NBB and BRI.
   c. Caution: High speed MIL jets operate in the coastal VFR route and adjacent MIL airspace. Wake turbulence may be encountered. Operate transponder and anti-collision lighting at all times if equipped. ACFT within the coastal VFR route will not receive:
      (i) traffic information regarding MIL ACFT operating within adjacent MIL airspace, including Williamtown circuit area, R597 and R585A.
      (ii) separation from IFR MIL ACFT operating adjacent to the coastal VFR route.
      (iii) wake turbulence separation or caution.
   d. Caution: VFR ACFT OPR on the Coastal Route will not be separated from VFR ACFT OPR in ADJ ship transfer airspace reservation. Directed traffic information will be provided when relevant. Ship transfer airspace reservation vertical limits
      (i) Ship transfer airspace reservation lateral limits: 325453S 1514851E - 325842S 1515411E - 325920S 1515404E - 330921S 1515537E then along the clockwise arc of a circle radius 22NM centre 324749S 1514959E (SALUS/WPT) - 330856S 1514235E - 325919S 1514600E - 325453S 1514851E.
      (ii) Ship transfer airspace reservation vertical limits: upper limit 2,500FT AMSL, lower limit conforms to the WLM CTR A/B and CTA C2 of which the lateral limits overlie.
   e. Flight only permitted VFR
   f. Track via the coastline, over water, within 2NM of the coast; ACFT may track up to 2NM west of SUG to enter/leave the route; point-to-point tracking not permitted without ATC approval
   g. Due to poor radar and radio coverage, no control service is provided to VFR ACFT BTW BRI and SUG
   h. **NORTHBOUND NBB-ANA-PSS-BRI-SUG:**
      (i) Remain BLW WLM CTA C3/C4. 5NM S of NBB contact WILLY DELIVERY 130.35 with flight details. Expect clearance at 500FT.
      (ii) **DO NOT PROCEED N OF NBB WITHOUT CLEARANCE.** Do not hold at NBB over water – hold over land, S of Hunter River, BLW 2,500FT, outside WLM CTR A until cleared. Intense hang gliding, paragliding and drone flying over beaches S of NBB.
      (iii) ACFT cleared via Coastal VFR Route are to track via the coastline over water within 0.5NM of the coast while tracking between NBB and abeam Stockton Bridge and remain clear of ship transfer airspace reservation.
      (iv) Follow the coastline at all times, over water, within 2NM of coast. Report at ANA at 500FT. Expect climb not above 2,000FT.

Information may be continued on the next page: PTO

(v) Report ABM BRI. Expect control services and identification to terminate and ATC to instruct return to civil FREQ. Remain tracking via coast not above 2,000FT until SUG. If unable to CTC WILLY APP N of BRI, relay message through BN CEN 120.55.

i. **SOUTHBOUND SUG-BRI-PSS-ANA-NBB**

(i) Track from SUG not above 2,000FT. Follow the coastline at all times, over water, within 2NM of the coast. ATC clearance not required until BRI.

(ii) 5NM N of BRI contact WILLY DELIVERY 130.35 with flight details. Expect clearance not above 2,000FT with a clearance limit of ANA. If unable to CTC WILLY DELIVERY N of BRI, relay message through BN CEN 120.55.

(iii) **DO NOT PROCEED S OF BRI WITHOUT CLEARANCE.** Do not hold at BRI over land – hold over water within 2NM of the coast.

(iv) Report at ANA at 500FT. Expect onwards clearance at 500FT.

(v) **DO NOT PROCEED S OF ANA WITHOUT ONWARDS CLEARANCE.** Do not hold at ANA over land – hold over water within 2NM of the coast.

(vi) Report at NBB.

7. **INLAND VFR ROUTE (D589)**

DUNGOG TOWNSHIP – STROUD ROAD (SRO) – GLOUCESTER (GCR) – WIRRADGURIE (WDU) AND REVERSE

a. AVBL when D589 active – check NOTAM or confirm STS with BN CEN.

b. When entering or exiting ACFT are to remain clear of WLM CTR B and remain below WLM CTA C2.

c. **Caution: Non-compliance with procedures may result in penetration of active MIL restricted areas**.

d. VFR ACFT may transit without ATC contact or clearance.

e. ATC service not provided within D589.

f. **D589**

(i) 1NM either side of the railway line BTN a position 2NM NE of DUNGOG TOWNSHIP and SRO.

(ii) 1.5NM either side of the RAILWAY LINE BTN SRO, GCR and WDU.

(iii) Vertical limit 2,500FT.

(iv) Caution: surrounding high terrain. If it is anticipated that VMC cannot be maintained, IMMEDIATELY contact ATC on 135.7 or 120.55 and squawk 7700.

8. **REMOTELY-PILOTED AIRCRAFT SYSTEM (RPAS)**

a. All RPAS requests are to be sent via email: wlm.uas@defence.gov.au.

b. A minimum of 7 days notice is required. Approval subject to nature and location of flight, ATC workload and MIL traffic. See Priorities.

c. ATC approval of operation does not constitute approval for photography of RAAF Base Williamtown. CTC Airbase Operations Centre 02 4034 5888 for photography approval.

d. Unauthorised RPAS operations are a known risk in VCY of:

(i) Newcastle, Merewether, Fern Bay, Stockton Beach, Tomago, Campvale, Bobs Farm, Tanilba Bay, Corlette, Beresfield and Raymond Terrace up to 400FT. ATC will issue hazard alert on any known unauthorised RPAS operations. Pilots may request alternate tracking or holding to avoid hazard. SFC to 400FT AGL.

(ii) Stockton Beach and Raymond Terrace in the APCH and DEP paths of RWY 12/30 and along the coastal VFR route. ATC will issue a hazard alert on any known unauthorised RPAS OPS. Pilots may request alternate tracking or holding to avoid the hazard.

CTAF - AFRU 118.3

1. Outside ATS HR.
2. WAE may be OPR on or near RWY and other ACFT MOV areas.
3. In event of EMERG, declare the EMERG to Brisbane Centre FREQ 125.7. Additionally when within 10NM of WLM, advise details to WILLY FIRE on CTAF FREQ 118.3.

NOISE ABATEMENT PROCEDURES

1. **DEPARTURES**
   a. Departing ACFT will be issued a SID.
   b. ACFT issued a radar SID will be assigned noise abatement heading BTN 080R and 330R.
   c. All jet ACFT are to apply ICAO Noise Abatement Procedures 1 or 2.
2. **EXCEPTIONS**
   a. Rotary wing ACFT.
   b. Fixed wing ACFT with a MTOW of 7,000KG or less.
   c. *FIHA AD2 SUPP WLM Part A* compliant aircraft.
   d. Priority ACFT as detailed in *AIP ENR 1.4*.

ADDITIONAL INFORMATION

1. AD WIP (sweeping) BTN 1200-2000 UTC (1HR earlier during HDS). WAE will vacate with 15MIN PN when ATC not active. CTC Airfield Works Safety Officer CS 'Sweeper 1' or 'Sweeper 2' on CTAF 118.3 or phone: 0456 456 013.
2. RAAF Williamtown Demolition Range 1, 324747.2S 1514934.0E (245DEG/800M FM ARP). Vertical limit 1,700FT AGL WI 200M radius laterally. Check NOTAM for activation periods, short notice extensions advised by ATIS. Blasts conducted under ATC approval.
3. Windshear hazard exists on RWY12 when wind velocity 030-090DEG ABV 10KTS, and on RWY30 when wind velocity 270-330DEG ABV 15KTS, due jet blast wall.
4. TWY A may be visually dominant in certain wet weather conditions and may be mistaken for the RWY.
5. 25M ground firing range, APRX position 040DEG/0.50NM FM ARP. Limits 400FT in all directions. Active on display of red flags.
6. Weather balloon launch FM PSN 323748S 1513510E APRX BRG 297 DEG MAG 16.2NM FM ARP. 2300-2330 daily. SFC to UNL. Single balloon will be released daily as per daily field timings.
7. Caution: Model ACFT OPR at:
   a. Hexham Bridge SFC-400FT AGL 234DEG/7.1NM FM ARP.
   b. Oyster Cove 057DEG/7.2NM FM ARP
8. Caution: Gas flare located at 324841.82S 1514351.98E 247DEG/5.3NM FM ARP (Tomago Smelter).
9. Bird hazard at AD and in circuit area up to 2,000FT. Increased numbers of the following species expected:
   a. Flying foxes at dawn and dusk on APCH to RWY and off AD area, particularly along Tilligerry Creek, BRG 070° MAG 4–8NM from ARP. Peak risk period DEC–FEB, however risk exists year round.
   b. Straw-necked ibis south of RWY 12/30 early morning and late afternoon.
   c. White-faced heron/white-necked heron in VCY RWY 12/30 strip early morning and late afternoon.
   d. Australian magpie in VCY RWY 12/30 strip at TWY B and TWY H.
   e. Nankeen kestrel and falcons in VCY RWY 12/30 strip and approaches.
   f. Australian wood duck and Pacific black duck in VCY RWY 12/30 following rain events.

CHARTS RELATED TO THE AERODROME

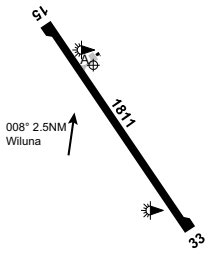
1. WAC 3456.
2. MIL Aerodrome Obstruction Chart Type A: AUG 2017
   Note - does not include recent NW RWY extension.
3. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

WILUNA

ELEV 1652

AVFAX CODE 6604



WA UTC +8 YWLU
263745S 1201314E VAR 1 DEG E CERT
AD OPR Wiluna Shire Council, PO Box 38, Wiluna, WA, 6646.
Email: reception@wiluna.wa.gov.au. PH BH 08 9981 8000:
AD MGR 0437 171 707.

REMARKS

1. AD Charges: All ACFT
2. This AD is a Security Controlled Airport.
3. AH PPR FM AD OPR.
4. PPR for all ACFT ABV 5,700KG MTOW (24HR PN). CTC AD MGR for approval (except MEDEVAC ACFT).

PASSENGER FACILITIES

WC (not disabled).

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS PH 08 6216 2641 - Report faults to BoM.

AERODROME OBSTACLES

1. Unlit TWR 1,836FT AMSL, PSN 263801.14S 1201511.29E APRX BRG 099 DEG MAG 1.77NM FM ARP. Infringes inner HZS by 40FT.
2. Unlit anemometer 1,682FT AMSL, PSN 263738.16S 1201310.20E APRX BRG 333 DEG MAG 0.12NM FM ARP. Infringes TNS by 8FT.
3. Unlit primary IWI 1,667FT AMSL, PSN 263741.90S 1201311.06E APRX BRG 319 DEG MAG 0.07NM FM ARP. Infringes TNS by 22FT.

PHYSICAL CHARACTERISTICS

15/33 146 59a PCR 70/F/A/Y/T Sealed. WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 15/33 LIRL(1) PAL 119.6 SDBY PWR AVBL
(1) 1 HR PN for activation. SDBY PWR is manually activated. Fees apply.

OTHER LIGHTING

TWY LGT: Blue edge on A.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 118.95 Circuit Area

RADIO NAVIGATION AND LANDING AIDS

NDB WLU 383 263729.2S 1201312.0E Range 100 (HN 80)

LOCAL TRAFFIC REGULATIONS

1. All ACFT must use yellow lead in lines when entering or exiting the TWY.
2. All ACFT to use designated turning nodes at end of RWY 15/33.
3. Limited PRKG AVBL. Unless by prior arrangement (24HR PN), ACFT ABV 5,700KG contact AD MGR for parking.
4. For ACFT ABV 5,700KG the following PRKG restrictions apply:
   a. PRKG Bay 1: Bay 1A to be vacant.
   b. PRKG Bay 1A: Bay 1 to be vacant.
   c. Bay 1/1A: Code 2 ACFT and below.
   d. Bay 2: Code 3 ACFT and below.
5. RWS and GA APN SWS following a rain event.
6. Night OPS - APN AVBL to code B and BLW including EMERG ACFT only.
7. Bay 1A not AVBL for night OPS.

CTAF 127.2

AFRU located at Jundee, not AVBL on ground at Wiluna

ADDITIONAL INFORMATION

1. AD inspections carried out MON-FRI. Additional inspections are AVBL with PN.
2. Blasting conducted at mine east of AD, CTC AD MGR for times.

CHARTS RELATED TO THE AERODROME

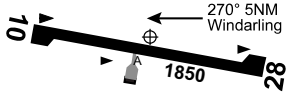
1. WAC 3345.
2. Also refer to AIP Departure and Approach Procedures.

WINDARLING — ELEV 1502

AVFAX CODE 6119

WA		UTC +8	YWDG
300155S	1192314E	VAR 0 DEG E	CERT

AD OPR Yilgarn Iron Pty Ltd, 12 Kings Park Rd, West Perth, WA, 6005.
Email: edgar@amsaustralia.com. PH AD MGR 0459 953 591.



REMARKS

1. Restricted OPS: PPR.
2. Night OPS not AVBL.

APRONS AND TAXIWAYS

TWY A: sealed, WID 15M.

AERODROME OBSTACLES

Vegetation:

a. 3FT AGL PSN 50M north of RWY CL for the entire length of RWY 10/28 infringes transitional SFC.
b. 8FT AGL BTN BRG 271 - 110 DEG MAG, 926M - 945M FM ARP.
c. 8FT AGL BTN BRG 285 - 102 DEG MAG, 963M - 1,000M FM ARP.

PHYSICAL CHARACTERISTICS

10/28	103	61a	PCR 70/F/A/Z/U Sealed.		WID 30	RWS 90

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	123.4 Circuit area.

LOCAL TRAFFIC REGULATIONS

1. From the TWY holding point, ACFT at THR RWY 28 may not be visible.
2. ACFT at THR RWY 10 and 28 may not be visible to each other.
3. ACFT ABV 5,700KG MTOW must turn at RWY ends only. MAX radius MNM speed turns.

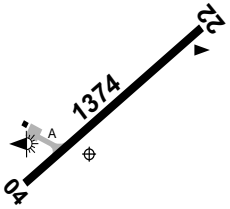
CTAF 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3351.
2. Also refer to AIP Departure and Approach Procedures.

WINDORAH — ELEV 452

AVFAX CODE 4134



QLD		UTC +10	YWDH
252447S	1424002E	VAR 7 DEG E	CERT

AD OPR Barcoo Shire Council, 6 Perkins Street, Jundah, QLD, 4736.
ARO 0459 892 185 (H24): 0499 190 783. Council PH 07 4658 6900.

REMARKS

This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

Windorah Aviation Fuels: H24 PH AD OPR. AVGAS and JET A1 bowser. Credit card machine available ONLY for AVGAS. JET A1 available by appointment only. Call out fees may apply.

Information may be continued on the next page: PTO

AERODROME OBSTACLES
Lit water tank located 0.59NM FM ARP BRG 219 MAG and 510FT APRX HGT AMSL. Infringes the transitional OLS by 3FT.

METEOROLOGICAL INFORMATION PROVIDED
TAF CAT D, METAR/SPECI.

PHYSICAL CHARACTERISTICS
04/22	043	45a	Unrated. Sealed.	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING
RWY 04/22 LIRL AFRU+PAL 126.7 SDBY PWR AVBL BY PRIOR ARRANGEMENT

OTHER LIGHTING
SDBY PWR manually activated. 30MIN PN.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 118.8 10500FT

RADIO NAVIGATION AND LANDING AIDS
NDB WDH 407 252439.3S 1423947.5E Range 40 (HN 40)

FLIGHT PROCEDURES
HN ACFT OPS restricted to circling approach minimums.

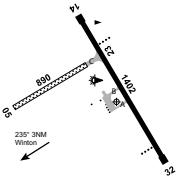
CTAF - AFRU 126.7

ADDITIONAL INFORMATION
Bird and animal hazard exists.

CHARTS RELATED TO THE AERODROME
1. WAC 3342.
2. Also refer to AIP Departure and Approach Procedures.

WINTON ELEV 638

AVFAX CODE 4311



QLD UTC +10 YWTN
222149S 1430508E VAR 7 DEG E CERT
AD OPR Winton Shire Council, PO Box 288, Winton, QLD, 4735.
PH Caretaker 0427 966 516. ARO 0418 633 491 (H24): 0448 002 338 (H24): 0428 349 159 (H24).

REMARKS
1. AD Charges: Nil
2. This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES
IOR Aviation: JET A1 and AVGAS AVBL via bowser. Phone 07 4657 1195, 0427 966 516. Payment through IOR pay tab or Fuelcharge APP.

PASSENGER FACILITIES
1. PT/LG/WC/AC - Phone 07 4657 1466 or 0427 571 106.
2. Telstra mobile network coverage only at AD.

AERODROME OBSTACLES
Unlit secondary WDI 110M NE of RWY 14/32 infringes TNS by 10FT based on a 150M ungraded RWS at the NW end.

METEOROLOGICAL INFORMATION PROVIDED
TAF CAT D, METAR/SPECI.

PHYSICAL CHARACTERISTICS
05/23	052	29c	Unrated. Black silt clay	WID 18	RWS 60
14/32	142	46a	PCR 197/F/D/0.90 MPa/U Sealed.	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 14/32	LIRL	AFRU+PAL 126.7		SDBY PWR AVBL
RWY 14/32	PAPI(1)	AFRU+PAL 126.7	3.0 DEG50.4FT	
RWY 14/32	PTBL(2)			BY PRIOR ARRANGEMENT

(1) Left side.
(2) EMERG only. 60 MIN PN.

OTHER LIGHTING

Secondary PWR switchover time: 15 SEC.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.1 6500FT

CTAF - AFRU 126.7

ADDITIONAL INFORMATION

1. Perimeter security fencing.
2. Bird hazard may exist.

CHARTS RELATED TO THE AERODROME

1. WAC 3233.
2. Also refer to AIP Departure and Approach Procedures.

WOLGAN VALLEY HELIPORT — ELEV 1826

AVFAX CODE 2089

NSW		UTC +10	YWVR
331513S	1501116E	VAR 12 DEG E	UNCR

AD OPR Sydney HeliTours Pty Ltd, PO Box 46, Mascot, NSW, 1460.
Email: bookings@sydneyhelitours.com.au. PH 02 9317 3402.

REMARKS

1. Restricted OPS.
2. PPR from AD OPR.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 133.05

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3456.

WOLLONGONG HELIPORT — ELEV 15

FULL NOTAM SERVICE NOT AVBL

NSW		UTC +10	YWHP
342622S	1505346E	VAR 13 DEG E	UNCR

AD OPR Touchdown Helicopters, Illawarra Regional Airport, Albion Park Rail, NSW, 2527.
Email: info@touchdownhelicopters.com.au. PH 02 4257 7612 AH (Voice Menu Applies).
Website: touchdownhelicopters.com.au.

REMARKS

1. AD Charges: $25 per landing.
2. PPR for all OPS - CTC AD OPR.
3. All amenities AVBL to visiting operators.

HANDLING SERVICES AND FACILITIES

JET A1 and AVGAS AVBL by prior arrangement. DLY 0800-1800 Local. AH call-out fee $50.

APRONS AND TAXIWAYS

Concrete pad plus grass pads and parking areas.

AERODROME OBSTACLES

Floodlit towers 500M to SE of Heliport may be unlit at night.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA SYDNEY CENTRE 124.55 Circuit Area

Information may be continued on the next page: PTO

CTAF 127.3

CHARTS RELATED TO THE AERODROME
WAC 3456.

WONDAI

ELEV 1050

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YWND
261703S	1515141E	VAR 10 DEG E	UNCR

AD OPR South Burnett Regional Council, PO Box 336, Kingaroy, QLD, 4610.
PH 07 4189 9100: ALA 0448 184 992. Mobile 0488 911 187.

PASSENGER FACILITIES
PT (EMERG use only).

AERODROME AND APPROACH LIGHTING
PAL 122.3 (PAL is activated using three times two to four SEC pulses WI a 24SEC period).

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	124.6 4000FT

CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3340.

WONDOOLA

ELEV 190

FULL NOTAM SERVICE NOT AVBL

QLD		UTC +10	YWDL
183430S	1405330E	VAR 6 DEG E	UNCR

AD OPR Wondoola Station, via Mt Isa, QLD, 4825. PH 07 4745 3441.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	118.6 Circuit Area

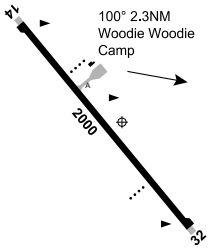
CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3220.

WOODIE WOODIE

ELEV 889

AVFAX CODE 6823



WA		UTC +8	YWWI
213843S	1211130E	VAR 1 DEG E	CERT

AD OPR Pilbara Manganese Pty Ltd, PO Box 1220, West Perth, WA, 6872.
Email: woodienpisupervisors@consminerals.com.au. PH On site
08 9460 7095. ARO 08 9460 7037. ARO AH Emergency 08 9460 7068.

REMARKS
1. Restricted OPS: PPR from AD OPR.
2. Day OPS only.
3. No mobile coverage on site.

HANDLING SERVICES AND FACILITIES
Ground handling agents. Contact ARO.
Fuel facilities: Limited JET A1. Private installation. Contact ARO.

PASSENGER FACILITIES
LG/WC.

AERODROME OBSTACLES
Lit mast 1,042FT AMSL BRG 103 DEG MAG 3,329M FM ARP. Infringes inner HZS by 7FT.

PHYSICAL CHARACTERISTICS

14/32 139 66a PCR 250/F/B/Y/T WID 30 RWS 150

AERODROME AND APPROACH LIGHTING

RWY 14/32 PAPI(1) 3.0 DEG48FT
RWY 14/32 PTBL(2) BY PRIOR ARRANGEMENT

(1) Left hand side. 30MIN PN to ARO.
(2) EMERG only 90MIN PN to ARO.

1. RWY edge light spacing: RWY 14/32: 90M apart (PTBL).
2. RWY 14 PAPI units located 430M from RWY 14 THR due 1.47% downward slope - reduced landing distance may be applicable.
3. No mains power AVBL - power supply via on site generator.

OTHER LIGHTING

TWY LGT: Nil.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	134.5 Not AVBL on Ground
UNICOM	WOODIE WOODIE UNICOM	128.9

LOCAL TRAFFIC REGULATIONS

1. All ACFT ABV 5,700KG MTOW must use turning nodes for 180DEG turns at MAX radius, MNM speed.
2. ACFT must follow lead-in lines.
3. RWY 32: all ACFT ABV 5,700KG MTOW must run-out to turning node when landing.
4. RWS not maintained for ACFT OPS.

CTAF 126.7

ADDITIONAL INFORMATION

Blasting scheduled daily however occurs intermittently. Approval must be obtained from ARO or airport manager prior to blasting.

CHARTS RELATED TO THE AERODROME

1. WAC 3230.
2. Also refer to AIP Departure and Approach Procedures.

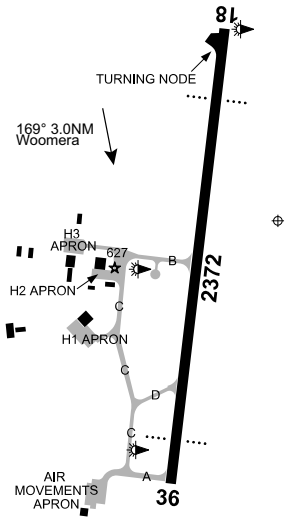
Information may be continued on the next page: PTO

WOOMERA

ELEV 549

AVFAX CODE 5104

SA UTC +9:30 YPWR
310839S 1364901E VAR 7 DEG E MIL
AD OPR Woomera Support Coordination Cell Operations (WSCC OPS), Woomera, SA, 5720.
PH AD MGR 0438 450 613 H24. Airspace enquires 08 8674 3370 H24.



REMARKS

1. MIL exclusive AD - no public access. CIV ACFT (excluding EMERG ACFT) shall not plan to use AD.
2. No aircraft is to enter WRX without prior landing and/or airspace approval and an ATC clearance.
   a. PPR from AD OPR for all ACFT conducting AWK in the confines of R222F at all times.
   b. RQ to quote landing approval. NR obtained from AD MGR.
3. Processing of ACFT and PAX must be conducted at the Air Movements Terminal building unless directed otherwise by AD MGR.
4. ACFT not to proceed to hangar area until cleared to do so. PPR 48HR PN. HR as per NOTAM.
5. REQ for passenger security clearances to be made with 7 days PN. Message requests for clearance into Woomera should be emailed to AFTRSQN: wscc.ops@defence.gov.au or PH AFTRSQN duty mobile 0482 638 621.
6. Due to refuelling contractual requirements visiting crew must plan to refuel own ACFT. 48HR PN REQ if unable. CTC AFTRSQN duty mobile for further information.

HANDLING SERVICES AND FACILITIES

AD OPR HR 2200-0700 UTC MON-THU, 2200-0230 UTC FRI (1HR earlier during HDS). FAC may be unmanned outside AD HR. 24HR PN. AH call-out fee applies. PH 0429 627 099.

APRONS AND TAXIWAYS

1. TWY A - PCR 500 WID 15M.
2. TWY B, TWY C and TWY D - PCR 310 WID 15M.
3. AMS APN Eastern half - PCR 310, Western half - PCR 150.
4. H1 APN, H2 APN and H3 APN - PCR 310.

AERODROME OBSTACLES

1. Sinkholes and rabbit burrows of varying size can occur anywhere within the RWS, and may be a hazard during a RWY excursion. Not all holes will be marked, and may also be hidden by vegetation.
2. Antenna 696FT AMSL BRG 176 DEG MAG 2.9NM FM ARP.
3. Tower (lit) 625FT AMSL BRG 204 DEG MAG 0.9NM FM ARP.
4. IWI 575FT AMSL BRG 298 DEG MAG 0.1NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI, AD WRNG.
2. AWIS PH 08 8150 3820 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

18/36 179 78a PCR 500/F/C/X/U Grooved WID 45 RWS 150

1. Turning node for RWY 18 located W of THR. Unmarked pad. PCR 500.
2. Open swale drains 45M FM CL.

AERODROME AND APPROACH LIGHTING

RWY 18/36	MIRL	AFRU+PAL 118.3		SDBY PWR AVBL
RWY 18/36	PAPI	AFRU+PAL 118.3	3.0 DEG48FT	SDBY PWR AVBL

RWY 18/36 edge light spacing: 49.5M.

OTHER LIGHTING

ABN ALTN 3 WG 246/0.47

1. SDBY PWR Switchover time: 3-5 SEC.
2. TWY LGT: Green CL.
3. Turning node LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE		122.0 On Ground
TWR	WOOMERA TOWER	(1)	118.3 257.8

(1) TWR manned infrequently for RAAF trials. ML Centre on 122.0 when TWR closed.

RADIO NAVIGATION AND LANDING AIDS

NDB WR 248 310836.5S 1364829.7E Range 125 (HN 85) (1)

(1) 088/0.5 to ARP.

LOCAL TRAFFIC REGULATIONS

1. SPECIAL REQUIREMENT - WOOMERA, AD AND WRX RESTRICTED AREAS WHEN ACTIVE

1.1. Airspace entry approval is RQ when WRX area is activated by NOTAM, REQ for entry RQ 2 working days PN. LDG approval RQ for Woomera AD at all times. REQ for landing approval number RQ 2 working days PN.

1.2. Landing and/or airspace approval number must be noted in RMKS field of FPL.

1.3. Landing approval does not constitute a clearance into WRX.

1.4. Provide FLW INFO in REQ for both ARR and DEP REQ:

a. radio callsign;
b. aircraft type;
c. place of departure;
d. destinations;
e. landing places;
f. estimated off blocks time;
g. time intervals;
h. flight levels;
i. name of crew;
j. names of passengers;
k. reason for flight; and
l. date of flight.

2. Pilots of large ACFT to be aware that jet blast may cause a FOD hazard when ACFT access Air Movements APN via TWY A. Pilots shall REQ foreign object clearance of THR 36 and TWY A prior to DEP.

Information may be continued on the next page: PTO

FLIGHT PROCEDURES
Right hand CCTS RWY 36 due R275.

CTAF - AFRU 118.3
Outside TWR HR.

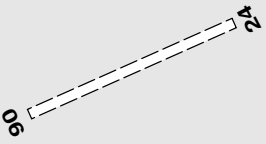
ADDITIONAL INFORMATION
1. Animal hazard exists.
2. Weather balloon launch APRX 2315 UTC FM 1.4KM SW ARP. Launches may occur at other times.
3. **WARNING:** Whilst Woomera Restricted Areas (WRX) are active, military operations conducted within, pose a significant flight safety risk to other aircraft. Operations may include weapon and/or flare release, supersonic flight, laser emissions, large scale explosive trials or rocket firings. Operations occur within the vertical and horizontal limits of the WRX, for the duration of activation period. No aircraft is to enter WRX without prior landing and/or airspace approval and an ATC clearance.

CHARTS RELATED TO THE AERODROME
1. WAC 3354.
2. MIL Aerodrome Obstruction Chart Type A: RWY 18/36 NOV 2024.
3. WOOMERA Planning Special - Reference only AVBL FM AD OPR for MIL pilots.
4. Also refer to AIP Departure and Approach Procedures.

WROTHAM PARK

ELEV 500

FULL NOTAM SERVICE NOT AVBL



QLD		UTC +10	YWMP
163929S	1440003E	VAR 6 DEG E	UNCR

AD OPR Australian Agricultural Co, Wrotham Park Station, PMB 24, Cairns Mail Centre, QLD, 4877. PH 07 4094 8333.

HANDLING SERVICES AND FACILITIES
Private Supply: DLY HJ. Phone 07 4094 8333. Limited supply - private stocks. AVGAS.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 123.8 Circuit Area

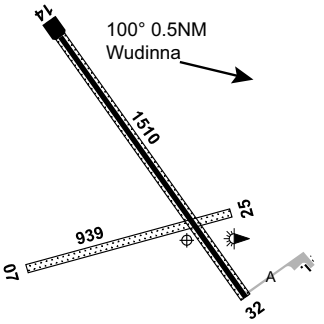
CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3219, 3220.

WUDINNA

ELEV 310

AVFAX CODE 5302



SA		UTC +9:30	YWUD
330236S	1352650E	VAR 6 DEG E	CERT

AD OPR Wudinna District Council, PO Box 6, Wudinna, SA, 5652. PH 08 8680 2002: EMERG Airport Manager 0417 868 554.

HANDLING SERVICES AND FACILITIES
Flying Fuels - 24/7 AVGAS 100 AVBL, all itinerant customers welcome. PH 0412 602 447.

METEOROLOGICAL INFORMATION PROVIDED
1. METAR/SPECI.
2. AWIS PH 08 8150 3821 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

07/25	068	31c	Unrated. Gravel	WID 18	RWS 90
14/32	138	50c	Unrated. Central 18(60) Sealed	WID 30	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 14/32 LIRL PAL 125.1 SDBY PWR AVBL
RWY edge light spacing: 14/32: 90M.

OTHER LIGHTING

1. TWY LGT: Blue edge.
2. SDBY PWR manually activated. 60MIN PN.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.9 6,000FT

CTAF 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3459.
2. Also refer to AIP Departure and Approach Procedures.

WUJAL WUJAL **ELEV 43**

AVFAX CODE 4532 **FULL NOTAM SERVICE NOT AVBL**

QLD UTC +10 YWJL
155654S 1451907E VAR 6 DEG E UNCR
AD OPR Torres and Cape Hospital and Health Service, 100 Douglas St, Wujal Wujal, QLD, 4895. Email: vince.connellan@health.qld.gov.au. PH Director of Nursing 07 4083 9000 H24. Mobile 0407 738 705.

REMARKS

Private use.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 121.2

CTAF 126.7

CHARTS RELATED TO THE AERODROME

1. WAC 3112, 3219.
2. Also refer to AIP Departure and Approach Procedures.

WYANDRA **ELEV 800**

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YWYA
271600S 1455924E VAR 9 DEG E UNCR
AD OPR Paroo Shire Council, PO Box 75, Cunnamulla, QLD, 4490. PH 07 4655 1777. Fax 4655 1647.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 124.8 Circuit Area

CTAF 126.7

CHARTS RELATED TO THE AERODROME

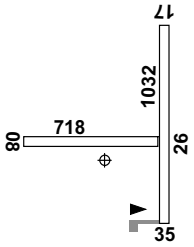
WAC 3341.

Information may be continued on the next page: PTO

WYCHEPROOF

ELEV 350

AVFAX CODE 3045



VIC UTC +10 YWYF
360332S 1431436E VAR 10 DEG E CERT
AD OPR Buloke Shire Council, PO Box 1, Wycheproof, VIC, 3527. PH 1300 520 520. Fax 03 5493 7395.

AERODROME OBSTACLES

1. Lit OBST on high ground 530FT AMSL, 2,100M SW of ARP infringes HZS.
2. Lit mast 585FT AMSL, 1,990M WSW THR RWY 08.

PHYSICAL CHARACTERISTICS

08/26	080	24c	Unrated. Grassed brown silt clay.	WID 30	RWS 90
17/35	170	34c	Unrated. Grassed brown silt clay.	WID 30	RWS 90

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 125.8 Circuit Area

CTAF 126.7

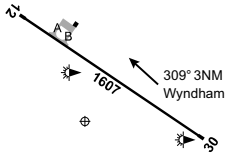
CHARTS RELATED TO THE AERODROME

WAC 3469.

WYNDHAM

ELEV 15

AVFAX CODE 6915



WA UTC +8 YWYM
153041S 1280911E VAR 2 DEG E CERT
AD OPR Shire of Wyndham East-Kimberley, PO Box 614, Kununurra, WA, 6743. Email: airports@swek.wa.gov.au. PH AD Manager 08 9166 2501. ARO 0400 990 204: Fax 08 9161 1172. Council PH 08 9168 4100.

REMARKS

AD Charges: All ACFT

HANDLING SERVICES AND FACILITIES

NIL fuel AVBL.

AERODROME OBSTACLES

1. LIOL lit terrain:
   a. Aerodrome Hill 95FT AMSL BRG 058 MAG 0.342NM FM ARP.
2. MIOL lit terrain:
   a. Erskine Range E 460FT AMSL BRG 168 MAG 1.283NM FM ARP.
   b. Erskine Range W 290FT AMSL BRG 176 MAG 1.06NM FM ARP.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 08 6216 2642 - Report faults to BoM.

PHYSICAL CHARACTERISTICS

12/30	122	53a	Unrated. Sealed.	WID 18	RWS 90

AERODROME AND APPROACH LIGHTING

RWY 12/30 LIRL(1) AFRU+PAL 128.0 SDBY PWR AVBL
(1) Nil MAN OPR.

OTHER LIGHTING

1. Secondary power automatic - switchover time: 15 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA BRISBANE CENTRE 122.4 3500FT

FLIGHT PROCEDURES

1. Right hand CCTS RQ when OPR on RWY 12.
2. Hang glider OPS are conducted from Mt Bastion/Five Rivers Lookout, 4NM NW of Wyndham. Hang gliders to remain at least 1NM FM extended RCL of RWY 12/30.
3. For special procedures which apply to the Horizontal Falls, see *ERSA GEN - SPECIAL PROCEDURES*.

CTAF - AFRU 128.0

CHARTS RELATED TO THE AERODROME

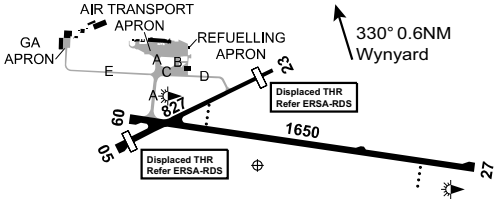
1. WAC 3108.
2. Also refer to AIP Departure and Approach Procedures.

WYNYARD **ELEV 63**

AVFAX CODE 7010

TAS		UTC +10	YWYY
405956S	1454352E	VAR 14 DEG E	CERT

AD OPR Burnie Airport Corporation, PO Box 420, Wynyard, TAS, 7325.
Email: admin@burnieairport.com.au. PH 03 6442 1133 (ADMIN/OPS). Mobile 0408 551 440 (on call Duty EMERG Officer - if not answered ring 0498 954 921). Website: www.burnieairport.com.au.



REMARKS

1. AD Charges: All ACFT
2. This AD is a Security Controlled Airport.
3. Hi VIS vest or equivalent and valid ASIC or Burnie airport issued VIC must be worn/ displayed airside.

HANDLING SERVICES AND FACILITIES

Ground Handling Agents:
TSM Ground Handling Pty Ltd PH: 0408 112 119.
AusFlight Handling PH: 0448 273 509.
Fuel Supplier: World Fuel Services: AVTAS Fuels Pty Ltd. 0600-1800 Local (subject to change in line with airline schedules). CTC 0418 504 359. AVGAS 24HR carnet card and credit card (via smartphone app) activated bowser and JET A1 (tanker) AH call-out fee may apply with 1HR PN. ACFT not refuelled on un-paved areas.

PASSENGER FACILITIES

TX (03 6431 2199)/HC (Avis, Hertz, Thrifty and Dollar)/LG/RF (0467 840 077)/WC/ME.

APRONS AND TAXIWAYS

All designated aprons and TWY bitumen sealed.

SURFACE MOVEMENT AND GUIDANCE

All taxi guidelines and APN parking restrictions indicated by painted pavement markings.

AERODROME OBSTACLES

1. MIOL:
   a. Busby's Hill ELEV 663FT, BRG 118 DEG 3.0NM FM ARP.
   b. AM/FM radio TWR ELEV 644FT, BRG 337 DEG 2.2NM FM ARP.
   c. Broadcast Australia TWR ELEV 716FT BRG 338 DEG 2.7NM FM ARP.
2. LIOL - Optus TWR ELEV 288FT BRG 315 DEG 1.9NM FM ARP.

Information may be continued on the next page: PTO

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT C, METAR/SPECI.
2. AWIS Phone 03 6283 8608 - Report faults to BoM.
3. AWIS FREQ 133.35 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	051	27a	PCR 100/F/B/0.75 MPa/T Sealed.	WID 18	RWS 60
09/27	086	54a	PCR 200/F/B/1.57 MPa/T Grooved.	WID 30	RWS 150

AERODROME AND APPROACH LIGHTING

RWY 09/27	LIRL	AFRU+PAL 126.9		SDBY PWR AVBL
RWY 09/27	PAPI	AFRU+PAL 126.9	3.0 DEG41FT	SDBY PWR AVBL

RWY edge light spacing: 09/27: 59M.

OTHER LIGHTING

1. SDBY PWR Switchover time: 6 SEC.
2. TWY LGT: Blue edge on TWY A, B and C.
3. Taxi holding PSN LGT: Amber edge.
4. Blue edge LGT on RWY turn pads.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	122.6 On Ground

RADIO NAVIGATION AND LANDING AIDS

NDB	WYY	302	405952.7S	1454229.6E	Range 65 (HN 60) OW 160 (OW HN110)	(1)

(1) 071/1.0 to ARP.

LOCAL TRAFFIC REGULATIONS

1. All ACFT ABV 20,000KG MTOW must execute 180 DEG turns at RWY end turn pads.
2. Parking restrictions apply to use of air transport apron.
3. Access to all Bays requires 24HR prior permission from AD OPR.
4. Fuelling apron MAX wingspan 16M. Standing permitted only while refuelling.
5. Code C ACFT limited to use of TWY A, B and C (WID 15M) and main apron parking bay allocated by AD OPR.
6. Taxi on RWY 05/23 and TWY D (WID 10.5M) not AVBL to ACFT ABV 5,700KG except with AD OPR approval.
7. TWY E (WID 7.5M) and GA Apron not AVBL to ACFT ABV 5,700KG.

FLIGHT PROCEDURES

Right Hand circuits RQ when OPR on RWY 23 and RWY 27.

CTAF - AFRU 126.9

1. VHF COM between aircraft on ground Devonport & Wynyard may not be AVBL.
   Note: Due to communication difficulty between Devonport and Wynyard for ACFT on GND, pilots are encouraged to make calls airborne and/or on departure, as appropriate, on the CTAF to enhance self help TFC INFO.

ADDITIONAL INFORMATION

1. CAUTION: Bird hazard exists October to February.
2. ACFT DEP RWY 23 in strong SW winds can expect downdraughts and moderate to SEV TURB.

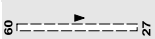
CHARTS RELATED TO THE AERODROME

1. WAC 3556.
2. Also refer to AIP Departure and Approach Procedures.

WYREEMA

ELEV 1750

FULL NOTAM SERVICE NOT AVBL



QLD UTC +10 YWYR
274003S 1515116E VAR 11 DEG E UNCR
AD OPR D & S KING, Lot 2 Hoffmans Road, Wyreema, QLD, 4352.
Email: daniel@housereports.com.au. PH 0409 465 812.

REMARKS

1. Privately owned. PPR to check SFC conditions.
2. Night OPS are not permitted.

AERODROME OBSTACLES

1. Power lines 80M E of RWY, approximately 7M higher than RWY SFC and parallel to RWY. 1M high fence 20M W of RWY.
2. Beware of ACFT on IFR approaches into YBWW as FAF for YBWW RWY 30 is situated 3NM N of AD at 3100QNH.
3. Hangar on the W end of RWY off THR RWY 09.

PHYSICAL CHARACTERISTICS

RWY 09/27 Length 800M, WID 30M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	BRISBANE CENTRE	121.2 In Circuit

LOCAL TRAFFIC REGULATIONS

1. When TKOF from RWY 27 back track on RWY, when landing on RWY 09 back track to the W end of RWY 09 for taxi to the hangar/parking areas. Taxi on RWY only due shallow drain on each side.
2. Residential area to the N of AD is to be avoided at all time.

FLIGHT PROCEDURES

1. All circuits to the S.
2. Make inbound and circuit radio calls to maintain separation.

CTAF 127.65

ADDITIONAL INFORMATION

1. Bird hazards exist.
2. Sticky and boggy conditions exist if black soil is wet. Following periods of rain SFC may be extremely soft and heavy.
3. AD situated inside YTWB training area.

CHARTS RELATED TO THE AERODROME

WAC 3340.

Information may be continued on the next page: PTO

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YAM ISLAND ELEV 15

AVFAX CODE 4533 **FULL NOTAM SERVICE NOT AVBL**



QLD UTC +10 YYMI
95354S 1424618E VAR 5 DEG E UNCR
AD OPR Torres Strait Island Regional Council, PO Box 7336, Cairns, QLD, 4870. PH 07 4034 5700. ARO 0461 287 157 (H24).

REMARKS
RESTRICTED OPS: PPR from AD OPR.

AERODROME OBSTACLES
TWR 458FT AMSL BRG 019 DEG MAG 332M FM RWY 29 THR. Marked and lit.

PHYSICAL CHARACTERISTICS
11/29 26a Unrated. Sealed WID 18 RWS 45

AERODROME AND APPROACH LIGHTING
RWY 11/29 LIRL(1) PAL 122.8
(1) AD lighting for EMERG helicopter OPS only.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 120.3 Circuit Area

FLIGHT PROCEDURES
For special procedures which apply to Torres Strait biosecurity requirements, see ERSA GEN-SPECIAL PROCEDURES.

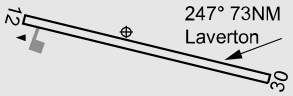
CTAF 126.7

CHARTS RELATED TO THE AERODROME
WAC 3097.

YAMARNA ELEV 1449

AVFAX CODE 6405 **FULL NOTAM SERVICE NOT AVBL**

WA UTC +8 YYRN
280918S 1234030E VAR 2 DEG E UNCR
AD OPR Gold Road Resources Ltd, Level 2, 26 Colin Street, West Perth WA, 6005.
Email: meakinsa@hotmail.com. PH 08 9200 1600: H24 08 6245 4213. ARO 08 6245 4213.



REMARKS
1. PPR, 120 MINS PN. CTC ARO.
2. AD AVBL MON-THU HJ only. 0700-1700 Local. AD not AVBL FRI-SUN EXC for EMERG.

HANDLING SERVICES AND FACILITIES
Nil fuel AVBL.

AERODROME OBSTACLES
Fences:
a. RWY 12: 9M DIST OUT (1,550M FM SOT) and 1.22M ABV CWY.
b. RWY 30: 2M DIST OUT (1,543M FM SOT) and 1.22M ABV CWY.

PHYSICAL CHARACTERISTICS
12/30 49c Unrated. Gravel. WID 23 RWS 80

AERODROME AND APPROACH LIGHTING
RWY 12/30 PTBL(1) BY PRIOR ARRANGEMENT
(1) EMERG lighting AVBL with 120 MIN PN to ARO.
RWY edge light spacing: 12/30; 87M (PTBL).

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 118.4

Information may be continued on the next page: PTO

LOCAL TRAFFIC REGULATIONS

1. RWY 12/30: all fixed wing ACFT must make MAX RAD turns at MNM speed at all RWY ends to avoid SFC damage.
2. AFRU signal NOT AVBL at Yamarna. AFRU located at Tropicana.
3. PRKG by prior arrangement with AD OPR.
4. APN and TWY AVBL to single ACFT ABV 5,700KG MTOW when no other ACFT present.
5. No other ACFT allowed in ACFT ABV 5,700KG MTOW occupying APN or TWY.
6. ACFT ABV 5,700KG MTOW to use primary or secondary lead in lines partially marked on concrete pad.
7. All fixed wing ACFT to use idle power for movements on the APN with the exception of breakaway thrust to initiate taxi. ACFT that cannot comply with this restriction must advise the AD OPR prior to departure.
8. Day VMC OPS only.

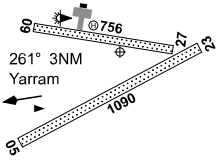
CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3352.

YARRAM — ELEV 60

AVFAX CODE 3046



VIC UTC +10 YYRM
383403S 1464516E VAR 13 DEG E CERT
AD OPR Wellington Shire Council, PO Box 506, Sale, VIC, 3850.
PH 1300 366 244. ARO 0429 825 266: 03 5182 5266.
Website: www.wellington.vic.gov.au/development/airports.

REMARKS

AD Charges: Current fees and conditions of use can be obtained FM AD OPR or website.

HANDLING SERVICES AND FACILITIES

AVGAS AVBL 24HR. Payment via IOR QuickPay app only. Contact IOR Aviation, phone 1800 414 012.

METEOROLOGICAL INFORMATION PROVIDED

1. METAR/SPECI.
2. AWIS PH 03 8470 3225 - Report faults to BoM.
3. AWIS FREQ 134.7 (requires one-second pulse to activate) - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

05/23	049	36c	5700 kg/0.65 MPa Grass.	WID 18	RWS 60
09/27	086	25c	5700 kg/0.65 MPa Gravel.	WID 23	RWS 80

AERODROME AND APPROACH LIGHTING

RWY 09/27 LIRL PAL 119.65 SDBY PWR AVBL
RWY edge light spacing: 09/27: 90M.

OTHER LIGHTING

1. SDBY PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 124.0 On Ground

LOCAL TRAFFIC REGULATIONS

ACFT at opposite ends of RWY 05/23 may not be visible to each other.

FLIGHT PROCEDURES

Right hand circuits required for night OPS RWY 09.

CTAF 126.7

ADDITIONAL INFORMATION

1. Ultra light ACFT movements at AD.
2. Bird hazard exists.
3. Turbulence and windshear hazard exists:
   a. RWY 09 - when NE wind ABV 10KT;
   b. RWY 27 - when NW wind ABV 10KT.

CHARTS RELATED TO THE AERODROME

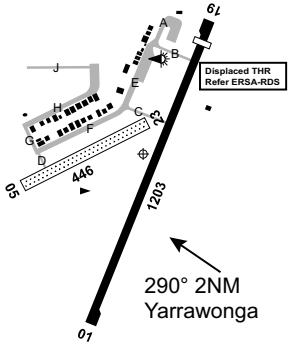
1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

YARRAWONGA — ELEV 424

AVFAX CODE 3005

VIC		UTC +10	YYWG
360150S	1460140E	VAR 12 DEG E	CERT

AD OPR Moira Shire Council, PO Box 578, Cobram, VIC, 3644.
PH AD Manager/ARO 0428 752 274. Council PH 1300 369 966. Fax 03 5872 1567.



HANDLING SERVICES AND FACILITIES

Fuel supplied by IOR Aviation Pty Ltd. JET A1 and AVGAS 100LL AVBL H24. Payment method via IOR Aviation tag for account holders or via the Fuelcharge APP. PH 1300 457 467.

PASSENGER FACILITIES

1. WC/TX (03 5743 2111)/ME (0418 125 164, 0408 547 104).
2. The Terminal Building is available to pilots. To book this facility PH 03 5871 9222.

AERODROME OBSTACLES

1. Transient vehicles on road 15FT AGL BRG 015 DEG MAG 560M FM ARP (160M N of THR RWY 19).
2. Fence 426.4FT AMSL APRX BRG 242 DEG MAG 487M FM ARP. Infringes RWY 05/23 OLS take-off/approach gradient of 5% by 0.2M.
3. Towers:
   a. 475FT AMSL BRG 270 DEG MAG 467M FM ARP. Unlit.
   b. 560FT AMSL BRG 359 DEG MAG 2,000M FM ARP. Lit.
   c. 559FT AMSL BRG 229 DEG MAG 3,440M FM ARP. Lit.

METEOROLOGICAL INFORMATION PROVIDED

METAR/SPECI.

PHYSICAL CHARACTERISTICS

01/19	011	39a	PCR 90/F/B/0.70 MPa/T Sealed	WID 18	RWS 90
05/23	053	15c	Unrated. Natural surface	WID 18	RWS 60

AERODROME AND APPROACH LIGHTING

RWY 01/19 LIRL AFRU+PAL 126.7
RWY 01/19 edge light spacing: 60M.

Information may be continued on the next page: PTO

OTHER LIGHTING
TWY LGT: Blue edge.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA MELBOURNE CENTRE 125.2 Circuit Area

LOCAL TRAFFIC REGULATIONS
1. DTHR RWY 19 due obstacle clearance approach gradients.
2. RWY 05/23 MTOW 3,000KG.
3. Long term PRKG (3+ days) on grass PRKG area off TWY B, ADJ to wind sock.
4. No ACFT PRKG on TWY at Terminal Building area. Drop-off and pick-up only.
5. TWY J and northern half of TWY E MAX 12M wingspan.
6. Due to single lane and obstructed visibility, all TFC using TWY G must check for oncoming ACFT and BCST intentions on YYWG CTAF prior to entering from TWY D, F or H.

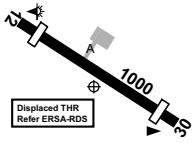
CTAF - AFRU 126.7

ADDITIONAL INFORMATION
1. Mobile agricultural irrigator may be in vicinity of APCH to RWY 19.
2. Caution: R363 Mulwala (1.15NM RAD/2,000FT centred on 355840S 1455844E, H24).
3. Seasonal bird hazard (masked lapwings, plovers and large flock of corellas) at AD.

CHARTS RELATED TO THE AERODROME
1. WAC 3470.
2. Also refer to AIP Departure and Approach Procedures.

YORKE ISLAND — ELEV 11

AVFAX CODE 4504



QLD UTC +10 YYKI
94512S 1432418E VAR 5 DEG E CERT
AD OPR Torres Strait Island Regional Council, PO Box 7336, Cairns, QLD, 4870. PH 07 4034 5700. ARO 0437 196 306 (H24).

REMARKS
RESTRICTED OPS: PPR from AD OPR.

SURFACE MOVEMENT GUIDANCE
Holding point markings not AVBL.

AERODROME OBSTACLES
TWR lit 425FT AMSL PSN 094513.42S 1432359.59E APRX BRG 260 610M FM ARP.

PHYSICAL CHARACTERISTICS
12/30 117 33b Unrated. Concrete pavers WID 18 RWS 60

AERODROME AND APPROACH LIGHTING
RWY 12/30 LIRL(1) PAL 120.05
(1) AD lighting for EMERG helicopter OPS only.

ATS AND AERODROME COMMUNICATION FACILITIES
FIA BRISBANE CENTRE 120.3 Circuit area

FLIGHT PROCEDURES
For special procedures which apply to Torres Strait biosecurity requirements, see ERSA GEN - SPECIAL PROCEDURES.

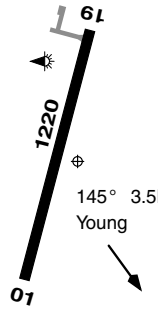
CTAF 126.7

CHARTS RELATED TO THE AERODROME
1. WAC 3097.
2. Also refer to AIP Departure and Approach Procedures.

YOUNG

ELEV 1267

AVFAX CODE 2133



NSW UTC +10 YYNG
341520S 1481453E VAR 12 DEG E CERT
AD OPR Hilltops Council, Locked Bag 5, Young, NSW, 2594.
PH 1300 445 586. PH AH 02 6382 4181. Fax 02 6382 1299.

HANDLING SERVICES AND FACILITIES

AD Local Fuel Info: Phone 0428 693 365.
Aero Refuellers: AVGAS bowser accepts Aero Refuellers carnet card, V, MC (debit and credit) 02 6041 1599 BH.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT D, METAR/SPECI.
2. AWIS Phone 02 9353 6462 - Report faults to BoM.
3. AWIS FREQ 124.65 - Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

01/19 003 40a Unrated. Sealed. WID 18 RWS 90

AERODROME AND APPROACH LIGHTING

RWY 01/19 LIRL(1) PAL 126.7
(1) PAL - three one second bursts
RWY edge light spacing: 01/19: 90M.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA MELBOURNE CENTRE 135.25 Circuit Area

CTAF 126.7

ADDITIONAL INFORMATION

CAUTION: Bird and animal hazard exists.

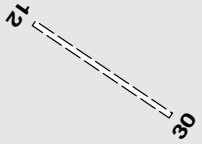
CHARTS RELATED TO THE AERODROME

1. WAC 3456, 3457.
2. Also refer to AIP Departure and Approach Procedures.

Information may be continued on the next page: PTO

YUENDUMU **ELEV 2205**

AVFAX CODE 8408 **FULL NOTAM SERVICE NOT AVBL**



NT		UTC +9:30	YYND
221515S	1314656E	VAR 4 DEG E	UNCR

AD OPR Yuendumu Community Government Council, via Alice Springs, NT, 0872. ARO 08 8956 4000: 8956 4095. ARO AH 08 8956 4025: 8956 4065.

REMARKS

This AD is a Security Controlled Airport.

HANDLING SERVICES AND FACILITIES

2230-0730 UTC. AVGAS and JET A1 drums only. Phone 08 8956 4040 O123 O125.

PASSENGER FACILITIES

Telephone facilities not AVBL.

AERODROME OBSTACLES

Unlit tower located 74 DEG MAG, 0.9NM 187FT.

METEOROLOGICAL INFORMATION PROVIDED

TAF CAT D.

ATS AND AERODROME COMMUNICATION FACILITIES

FIA	MELBOURNE CENTRE	119.8 FL165

CTAF 126.7

CHARTS RELATED TO THE AERODROME

WAC 3231.

SPECIAL USE AIRSPACE (SUA)

1. GENERAL INFORMATION

1.1. Information regarding SUA areas is published in *AIP ENR 1.4* and the *DAH*.

1.2. Time throughout this section is normally shown in UTC. Where Local time is intended it will be followed by Local.

1.3. Hours of operation referring to public holidays refers only to national holidays as listed in *AIP GEN 2.1*. Any other holidays affecting activation will be specified by NOTAM.

2. MILITARY AIRSPACE GROUPS

2.1. SUA belonging to Military Airspace Groups will be indicated in brackets with a group code alongside the SUA IDENT, e.g. R129 (PEX).

2.2. Military Airspace Groups define a group of SUA areas for NOTAM briefing.

2.3. Military Airspace Group codes, e.g. PEX can be used in NAIPS location briefings, SPFIB and on the Pilot Website Restricted Area Briefing Tool.

3. CONDITIONAL RESTRICTED AREA (RA) STATUS

3.1. In order to assist with shared use of airspace, all RA have been allocated a RA conditional status. This will be an indication as to the likelihood of obtaining a clearance to fly through restricted airspace. NOTAM may be issued to indicate changes to the RA conditional status, which should be checked prior to flight planning.

3.2. **RA conditional status legend**

a. RA1: pilots may flight plan through the RA and under normal circumstances expect a clearance from ATC.

b. RA2: pilots must not flight plan through the RA unless on a route specified in *GEN-FPR* or under agreement with the Department of Defence, however a clearance from ATC is not assured. Other tracking may be offered through the RA on a tactical basis.

c. RA3: pilots must not flight plan through the RA and clearances will not be available.

Note: In a declared emergency, every effort will be made to obtain approval to transit a RA, irrespective of its conditional status.

4. MILITARY OPERATING AREAS (MOA)

4.1. MOA are a subset of danger areas. They are primarily established outside Australian territory in Australian administered airspace for use by the Australian Defence Force for military training and exercises.

4.2. Outside Australian territory, only Australian registered aircraft are restricted from entering MOA unless they have Administering Authority approval. Within Australian territory, both foreign registered and Australian registered aircraft are restricted from entering MOA unless they have Administering Authority approval.

4.3. It is highly recommended that foreign registered aircraft make appropriate safety contact with the relevant Administering Authority if they choose to enter an active MOA outside Australian territory.

5. SUA ACRONYM LIST

ACFR	Australian Centre for Field Robotics, Sydney University
ANSTO	Australian Nuclear Science and Technology Organisation
BCP	Base Command Post
CSIRO	Commonwealth Scientific and Industrial Research Organisation
DEFENCE	Department of Defence (switchboard)
DO	Duty Officer
DOTAM	Directorate of Operations and Training Area Management
EODF	Explosive Ordnance Defence Flight
FLTCDR	Flight Commander
GBRMPA	Great Barrier Reef Marine Park Authority
JACC	Joint Airspace Control Cell
MSCSPO NCS	Maritime Strategic Communications, System Program Office, Naval Communications Station
OC	Officer Commanding
OIC	Officer in Charge
OPSO	Operations Officer
RCO	Range Control Organisation
RSU	Radar Support Unit

6. RESTRICTED AREAS

IDENT	STATUS	LIMIT	HOUR	AUTHORITY	ACTIVITY
R122	RA3	SFC - 3000	H24	(99) MSCSPO NCS Harold E Holt	COMMUNICATIONS
R124	RA3	SFC - 1000	H24	(99) MSCSPO NCS Harold E Holt	COMMUNICATIONS
R125A	RA3	SFC - 1500	H24	(104) 1SSU	COMMUNICATIONS
R125B	RA3	1500 - FL135	H24	(104) 1SSU	COMMUNICATIONS
R125C	RA3	FL135 - FL200	H24	(104) 1SSU	COMMUNICATIONS
R129(PEX)	RA2	SFC - 5000	NOTAM	(76) DOTAM RCO Bindoon	MILITARY NON-FLYING
R131A	RA3	SFC - UNL	H24	(66) Geoscience Australia	LASER RADIATION OCULAR HAZARD
R131B	RA3	5000 - UNL	H24	(66) Geoscience Australia	LASER RADIATION OCULAR HAZARD
R131C	RA3	10000 - UNL	H24	(66) Geoscience Australia	LASER RADIATION OCULAR HAZARD
R131D	RA3	FL150 - UNL	H24	(66) Geoscience Australia	LASER RADIATION OCULAR HAZARD
R131E	RA3	FL250 - UNL	H24	(66) Geoscience Australia	LASER RADIATION OCULAR HAZARD
R131F	RA3	FL350 - UNL	H24	(66) Geoscience Australia	LASER RADIATION OCULAR HAZARD
R131G	RA3	FL450 - UNL	H24	(66) Geoscience Australia	LASER RADIATION OCULAR HAZARD
	Note: Contact tracking station (08) 99291011 for entry details - (08) 99271760 if above unattended				
R134A(PEX)	RA2	SFC - 5000	NOTAM	(76) DOTAM RCO Bindoon	MILITARY NON-FLYING
R134B(PEX)	RA2	SFC - 9000	NOTAM	(76) DOTAM RCO Bindoon	MILITARY NON-FLYING
R134C(PEX)	RA3	SFC - 4000	H24	(76) DOTAM RCO Bindoon	MILITARY NON-FLYING
R134D(PEX)	RA2	4000 - 10000	NOTAM	(76) DOTAM RCO Bindoon	MILITARY NON-FLYING
R135	RA3	SFC - 8200	H24	(94) 1RSU OPS FLTCDR	MILITARY NON-FLYING
R140	RA3	SFC - 1500	H24	(73) Navy HMAS Stirling	MILITARY NON-FLYING
R153A(PEX)	RA2	SFC - 2000	NOTAM	(65) FLTCDR 453SQN PEARCE	MILITARY FLYING
R153B(PEX)	RA2	SFC - 3500	NOTAM	(65) FLTCDR 453SQN PEARCE	MILITARY FLYING
R153C(PEX)	RA2	SFC - 4500	NOTAM	(65) FLTCDR 453SQN PEARCE	MILITARY FLYING
R153D(PEX)	RA2	SFC - 6500	NOTAM	(65) FLTCDR 453SQN PEARCE	MILITARY FLYING
R155A(PEX)	RA2	SFC - FL160	NOTAM	(65) FLTCDR 453SQN PEARCE	MILITARY FLYING
R155B(PEX)	RA2	SFC - FL160	NOTAM	(65) FLTCDR 453SQN PEARCE	MILITARY FLYING
R156(PEX)	RA2	4000 - FL160	NOTAM	(65) FLTCDR 453SQN PEARCE	MILITARY FLYING
R163(PEX)	RA2	4500 - NOTAM	NOTAM	(65) FLTCDR 453SQN PEARCE	MILITARY FLYING
R179(PEX)	RA3	NOTAM - NOTAM	NOTAM	(65) FLTCDR 453SQN PEARCE	MILITARY FLYING/NON-FLYING
R184(LNX)	RA3	SFC - 4000	NOTAM	(73) Navy HMAS Stirling	MILITARY FLYING/NON-FLYING
R189(SNX)	RA2	SFC - 4500	NOTAM	(73) Navy HMAS Stirling	MILITARY FLYING/NON-FLYING
R203A(DSX)	RA2	SFC - 4000	MON-FRI 2000-1300 EXC PH or as amended by NOTAM	(100) DOTAM RCO Kangaroo Flat	MILITARY FLYING/NON-FLYING
R203B(DSX)	RA2	4000 - NOTAM	NOTAM	(100) DOTAM RCO Kangaroo Flat	MILITARY FLYING/NON-FLYING
R211(TNX)	RA3	SFC - 9500	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY NON-FLYING
R212(TNX)	RA3	SFC - 9500	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY NON-FLYING
R215	RA3	SFC - FL180	H24	(79) Australian Chief of Security	SATELLITE TRACKING FACILITY
R221	RA3	SFC - UNL	NOTAM	(89) Airservices Australia	LASER RADIATION OCULAR HAZARD
R222A(WRX)	RA2	SFC - UNL	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING/NON-FLYING
R222B(WRX)	RA2	SFC - UNL	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING/NON-FLYING
R222C(WRX)	RA2	SFC - UNL	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING/NON-FLYING
R222D(WRX)	RA2	SFC - UNL	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING/NON-FLYING
R222E(WRX)	RA2	SFC - UNL	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING/NON-FLYING
R222F(WRX)	RA2	SFC - UNL	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING/NON-FLYING
R222G(WRX)	RA2	SFC - UNL	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING/NON-FLYING
R222H(WRX)	RA2	SFC - UNL	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING/NON-FLYING
R222I(WRX)	RA2	SFC - UNL	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING/NON-FLYING
R222J(WRX)	RA2	SFC - UNL	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING/NON-FLYING
R222K(WRX)	RA3	SFC - UNL	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING/NON-FLYING
R222L(WRX)	RA3	SFC - NOTAM	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING/NON-FLYING
R224A(MBX)	RA2	SFC - FL195	NOTAM	(107) DOTAM RCO Mt Bundey	MILITARY FLYING/NON-FLYING
R224B(MBX)	RA2	FL195 - NOTAM	NOTAM	(107) DOTAM RCO Mt Bundey	MILITARY FLYING/NON-FLYING
R225A(TNX)	RA2	9500 - FL600	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R225B(TNX)	RA2	9500 - FL600	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R225C(TNX)	RA2	9500 - FL600	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R225D(TNX)	RA2	9500 - FL600	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R225E(TNX)	RA2	9500 - FL600	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R225F(TNX)	RA2	9500 - FL600	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R226A(TNX)	RA2	9500 - NOTAM	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R226B(TNX)	RA2	9500 - NOTAM	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R228A	RA2	5000 - FL270	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING
R228B	RA2	FL120 - FL180	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING

IDENT	STATUS	LIMIT	HOUR	AUTHORITY	ACTIVITY
R231(EDX)	RA2	SFC - 2500	JO 2230 - 1030 (1HR EARLIER HDS) or as amended by NOTAM	(50) FLTCDR 453SQN EDINBURGH	MILITARY FLYING
R232(TNX)	RA2	SFC - NOTAM	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING/NON-FLYING
R233A(EDX)	RA1	SFC - 2500	NOTAM	(50) FLTCDR 453SQN EDINBURGH	MILITARY FLYING
R233B(EDX)	RA1	2500 - 4500	NOTAM	(50) FLTCDR 453SQN EDINBURGH	MILITARY FLYING
R234(EDX)	RA1	1500 - 4500	NOTAM	(50) FLTCDR 453SQN EDINBURGH	MILITARY FLYING
R235	RA3	SFC - 7000	H24	(94) 1RSU OPS FLTCDR	MILITARY NON-FLYING
R237(WRX)	RA2	SFC - UNL	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING
R238(TNX)	RA2	3500 - NOTAM	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R241(TNX)	RA2	8500 - NOTAM	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R244(TNX)	RA2	4000 - 9500	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R245(TNX)	RA2	9500 - NOTAM	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R246A(WRX)	RA2	SFC - UNL	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING
R246B(WRX)	RA2	SFC - UNL	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING
R246C(WRX)	RA2	SFC - UNL	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING
R247(TNX)	RA2	4000 - 9500	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R248(TNX)	RA2	4000 - 9500	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R249A(TNX)	RA1	1500 - 2500	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R249B(TNX)	RA1	2500 - NOTAM	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R250(TNX)	RA2	SFC - 9500	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R251(TNX)	RA2	9500 - NOTAM	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R252A(TNX)	RA2	9500 - NOTAM	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R252B(TNX)	RA2	9500 - NOTAM	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R253(TNX)	RA2	8500 - NOTAM	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
R254(EDX)	RA3	NOTAM - FL200	NOTAM	(50) FLTCDR 453SQN EDINBURGH	MILITARY FLYING
R255(EDX)	RA1	SFC - 1500	NOTAM	(50) FLTCDR 453SQN EDINBURGH	MILITARY FLYING
R259A(ENX)	RA3	SFC - 3000	NOTAM	(90) DOTAM RCO Cultana	MILITARY FLYING/NON-FLYING
R259B(ENX)	RA3	3000 - NOTAM	NOTAM	(90) DOTAM RCO Cultana	MILITARY FLYING/NON-FLYING
R260A(ENX)	RA1	SFC - 3000	NOTAM	(90) DOTAM RCO Cultana	MILITARY FLYING/NON-FLYING
R260B(ENX)	RA1	3000 - NOTAM	NOTAM	(90) DOTAM RCO Cultana	MILITARY FLYING/NON-FLYING
R265A(EDX)	RA1	4500 - NOTAM	NOTAM	(50) FLTCDR 453SQN EDINBURGH	MILITARY FLYING
R265B(EDX)	RA1	3500 - NOTAM	NOTAM	(50) FLTCDR 453SQN EDINBURGH	MILITARY FLYING
R265C(EDX)	RA1	8500 - NOTAM	NOTAM	(50) FLTCDR 453SQN EDINBURGH	MILITARY FLYING
R265D(EDX)	RA1	9500 - NOTAM	NOTAM	(50) FLTCDR 453SQN EDINBURGH	MILITARY FLYING
R265E(EDX)	RA1	3500 - 4500	NOTAM	(50) FLTCDR 453SQN EDINBURGH	MILITARY FLYING
R265F(EDX)	RA1	4500 - NOTAM	NOTAM	(50) FLTCDR 453SQN EDINBURGH	MILITARY FLYING
R268(TDX)	RA2	SFC - NOTAM	NOTAM	(77) DOTAM RCO BFTA	MILITARY FLYING/NON-FLYING
R269(TDX)	RA2	SFC - NOTAM	NOTAM	(77) DOTAM RCO BFTA	MILITARY FLYING/NON-FLYING
R270(TDX)	RA2	SFC - NOTAM	NOTAM	(77) DOTAM RCO BFTA	MILITARY FLYING/NON-FLYING
R273(WRX)	RA2	SFC - UNL	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING
R275(WRX)	RA3	SFC - 2100	NOTAM	(53) Air Force RCO WOOMERA	MILITARY NON-FLYING
R276A(DSX)	RA2	NOTAM - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
R276B(DSX)	RA2	NOTAM - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
R276C(DSX)	RA2	5000 - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
R276D(DSX)	RA2	5000 - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
R279(EDX)	RA2	SFC - FL250	NOTAM	(50) FLTCDR 453SQN EDINBURGH	MILITARY FLYING/NON-FLYING
R281(WRX)	RA3	SFC - NOTAM	NOTAM	(53) Air Force RCO WOOMERA	MILITARY NON-FLYING
R286	RA3	SFC - 1500	H24	(1) Safework SA Govt	EXPLOSIVES STORAGE
R287A(WRX)	RA2	SFC - 2000	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING
R287B(WRX)	RA2	2000 - 4000	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING
R287C(WRX)	RA2	4000 - NOTAM	NOTAM	(53) Air Force RCO WOOMERA	MILITARY FLYING
R290A	RA3	SFC - 4000	DLY 2130-1330 EXC PH (1HR EARLIER HDS) or as amended by NOTAM	(28) DOTAM RCO Murray Bridge	MILITARY FLYING/NON-FLYING
R290B	RA3	4000 - 7500	NOTAM	(28) DOTAM RCO Murray Bridge	MILITARY FLYING/NON-FLYING
R292A(PWX)	RA3	SFC - 8500	H24	(35) Army RCO Port Wakefield	MILITARY FLYING/NON-FLYING
R292B(PWX)	RA3	8500 - NOTAM	NOTAM	(35) Army RCO Port Wakefield	MILITARY FLYING/NON-FLYING
R292C(PWX)	RA3	NOTAM - NOTAM	NOTAM	(35) Army RCO Port Wakefield	MILITARY FLYING/NON-FLYING
R292D(PWX)	RA3	NOTAM - NOTAM	NOTAM	(35) Army RCO Port Wakefield	MILITARY FLYING/NON-FLYING
R292E(PWX)	RA3	SFC - NOTAM	NOTAM	(35) Army RCO Port Wakefield	MILITARY FLYING/NON-FLYING

IDENT	STATUS	LIMIT	HOUR	AUTHORITY	ACTIVITY
R292F(PWX)	RA3	SFC - NOTAM	NOTAM	(35) Army RCO Port Wakefield	MILITARY FLYING/NON-FLYING
R302A(ENX)	RA2	SFC - 3000	NOTAM	(90) DOTAM RCO Cultana	MILITARY FLYING/NON-FLYING
R302B(ENX)	RA2	3000 - NOTAM	NOTAM	(90) DOTAM RCO Cultana	MILITARY FLYING/NON-FLYING
R303A(ENX)	RA3	SFC - 3000	NOTAM	(90) DOTAM RCO Cultana	MILITARY FLYING/NON-FLYING
R303B(ENX)	RA3	3000 - NOTAM	NOTAM	(90) DOTAM RCO Cultana	MILITARY FLYING/NON-FLYING
R304A(ENX)	RA3	SFC - 3000	NOTAM	(90) DOTAM RCO Cultana	MILITARY FLYING/NON-FLYING
R304B(ENX)	RA3	3000 - NOTAM	NOTAM	(90) DOTAM RCO Cultana	MILITARY FLYING/NON-FLYING
R327A	RA3	SFC - FL150	NOTAM	(89) Airservices Australia	MODEL ROCKET ACTIVITY
R327B	RA3	FL150 - FL250	NOTAM	(89) Airservices Australia	MODEL ROCKET ACTIVITY
R330A(PCX)	RA3	SFC - 2500	NOTAM	(70) Point Cook AD OPR	MILITARY FLYING
R330B(PCX)	RA3	SFC - 4500	NOTAM	(70) Point Cook AD OPR	MILITARY FLYING
R332	RA3	SFC - 2000	DLY 2100-1300 (1HR EARLIER HDS) or as amended by NOTAM	(102) Navy HMAS Cerberus	MILITARY NON-FLYING
R350A	RA3	SFC - 5000	H24	(22) DOTAM RCO Puckapunyal	MILITARY FLYING/NON-FLYING
R350B	RA2	5000 - FL200	DLY 2100-1200 (1HR EARLIER HDS) or as amended by NOTAM	(22) DOTAM RCO Puckapunyal	MILITARY FLYING/NON-FLYING
R350C	RA2	FL200 - FL230	NOTAM	(22) DOTAM RCO Puckapunyal	MILITARY FLYING/NON-FLYING
R351A	RA3	SFC - 5000	H24	(25) Army RCO Graytown	MILITARY NON-FLYING
R351B	RA2	5000 - FL150	DLY 2100-1200 (1HR EARLIER HDS) or as amended by NOTAM	(25) Army RCO Graytown	MILITARY NON-FLYING
R351C	RA2	FL150 - FL500	NOTAM	(25) Army RCO Graytown	MILITARY NON-FLYING
R352	RA3	SFC - 3000	NOTAM	(22) DOTAM RCO Puckapunyal	MILITARY FLYING/NON-FLYING
R360A(ESX)	RA2	SFC - 6000	NOTAM	(19) FLTCDR 453SQN EAST SALE	MILITARY FLYING
R360B(ESX)	RA2	1000 - 6000	NOTAM	(19) FLTCDR 453SQN EAST SALE	MILITARY FLYING
R360C(ESX)	RA2	6000 - FL210	NOTAM	(19) FLTCDR 453SQN EAST SALE	MILITARY FLYING
R360D(ESX)	RA2	4000 - FL210	NOTAM	(19) FLTCDR 453SQN EAST SALE	MILITARY FLYING
R360E(ESX)	RA2	6000 - FL210	NOTAM	(19) FLTCDR 453SQN EAST SALE	MILITARY FLYING
R360F(ESX)	RA2	6000 - FL210	NOTAM	(19) FLTCDR 453SQN EAST SALE	MILITARY FLYING
R361(ESX)	RA2	SFC - 7000	NOTAM	(19) FLTCDR 453SQN EAST SALE	MILITARY FLYING
R362A	RA3	SFC - 3500	NOTAM	(34) DOTAM RCO Stony Head	MILITARY NON-FLYING
R362B	RA2	3500 - NOTAM	NOTAM	(34) DOTAM RCO Stony Head	MILITARY NON-FLYING
R363	RA3	SFC - 2000	H24	(23) Thales Mulwala	MILITARY NON-FLYING
R364	RA3	SFC - 2000	H24	(24) Thales Benalla	MILITARY NON-FLYING
R368	RA2	SFC - 2200	NOTAM	(5) DOTAM RCO Albury	MILITARY NON-FLYING
R374	RA3	SFC - 1500	H24	(20) Army RCO Swan Island	MILITARY FLYING/NON-FLYING
R379	RA2	SFC - NOTAM	NOTAM	(34) DOTAM RCO Buckland	MILITARY NON-FLYING
R393(ESX)	RA2	SFC - NOTAM	NOTAM	(19) FLTCDR 453SQN EAST SALE	MILITARY NON-FLYING
R406	RA2	SFC - 5000	NOTAM	(14) 100SQN Operations	AIR DISPLAYS
R407A	RA3	SFC - 500	H24	(92) Regulatory Oversight Division (CASA)	HELICOPTERS & SEAPLANES
R407B	RA3	SFC - 1000	H24	(92) Regulatory Oversight Division (CASA)	HELICOPTERS & SEAPLANES
R409A	RA2	SFC - 3000	MON - FRI 2200-0600 (1HR EARLIER HDS) EXC PH	(96) Rurex Pty Ltd	SURFACE FIRING RANGE
R409B	RA3	3000 - 6000	NOTAM	(96) Rurex Pty Ltd	SURFACE FIRING RANGE
R420F(NWX)	RA1	FL125 - FL300	NOTAM	(3) FLTCDR 453SQN NOWRA	MILITARY FLYING
R421A(NWX)	RA1	SFC - FL125	NOTAM	(3) FLTCDR 453SQN NOWRA	MILITARY FLYING
R421B(NWX)	RA1	2500 - FL125	NOTAM	(3) FLTCDR 453SQN NOWRA	MILITARY FLYING
R450A	RA2	SFC - 3500	H24	(81) CSIRO Tidbinbilla	RADIATION HAZARD
R450B	RA2	3500 - 4500	H24	(81) CSIRO Tidbinbilla	RADIATION HAZARD
R450C	RA2	4500 - 8000	H24	(81) CSIRO Tidbinbilla	RADIATION HAZARD
R479(RIX)	RA1	SFC - 2500	MON-THU 2200-1300, FRI and JF 2200-0830 (1HR EARLIER HDS) or as amended by NOTAM	(75) FLTCDR 453SQN RICHMOND	MILITARY FLYING

IDENT	STATUS	LIMIT	HOUR	AUTHORITY	ACTIVITY
R480(RIX)	RA1	2500 - 4500	MON-THU 2200-1300, FRI and JF 2200-0830 (1HR EARLIER HDS) or as amended by NOTAM	(75) FLTCDR 453SQN RICHMOND	MILITARY FLYING
R481(RIX)	RA1	4500 - NOTAM	NOTAM	(75) FLTCDR 453SQN RICHMOND	MILITARY FLYING
R504	RA3	SFC - 3000	JO 2300-0600 (1HR EARLIER HDS) or as amended by NOTAM	(4) OIC 5 Section EOD, 65ABRS	MILITARY NON-FLYING
R521	RA3	SFC - 2000	H24	(18) ANSTO	ANSTO RESEARCH REACTOR
R522	RA3	SFC - 6500	NOTAM	(15) DOTAM RCO Holsworthy	MILITARY NON-FLYING
R524	RA3	SFC - 2500	H24	(11) CSIRO Narrabri	RADIO TELESCOPE
R525	RA3	SFC - 5000	H24	(12) CSIRO Parkes	RADIO TELESCOPE
R533	RA3	SFC - 3500	H24	(67) Thales Duty Officer	MILITARY NON-FLYING
R555A	RA3	SFC - 2500	H24	(15) DOTAM RCO Holsworthy	MILITARY FLYING/NON-FLYING
R555B	RA2	2500 - NOTAM	NOTAM	(15) DOTAM RCO Holsworthy	MILITARY FLYING/NON-FLYING
R555C	RA3	SFC - 3000	DLY 2100-1100 (1HR EARLIER HDS) or as amended by NOTAM	(15) DOTAM RCO Holsworthy	MILITARY FLYING/NON-FLYING
R555D	RA2	NOTAM - NOTAM	NOTAM	(15) DOTAM RCO Holsworthy	MILITARY FLYING/NON-FLYING
	Note: Refer ERSA Luscombe (Army airfield Holsworthy) special procedures				
R555F	RA3	SFC - 2000	JO 2200-1400 (1HR EARLIER HDS) or as amended by NOTAM	(80) 6 AVN Regiment OPSO	MILITARY FLYING
R560A(WWX)	RA2	8500 - FL240	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
R560B(WWX)	RA2	8500 - FL240	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
R564A(SGX)	RA3	SFC - 4000	H24	(8) DOTAM RCO Singleton	MILITARY FLYING/NON-FLYING
R564B(SGX)	RA2	4000 - NOTAM	NOTAM	(8) DOTAM RCO Singleton	MILITARY FLYING/NON-FLYING
R570A(WWX)	RA2	10000 - FL360	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
R570B(WWX)	RA2	10000 - FL360	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
R570C(WWX)	RA2	10000 - FL360	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
R570D(WWX)	RA2	10000 - FL360	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
R570E(WWX)	RA2	FL360 - NOTAM	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
R570F(WWX)	RA2	FL360 - NOTAM	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
R570G(WWX)	RA2	FL360 - NOTAM	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
R570H(WWX)	RA2	FL360 - NOTAM	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
R585A(WMX)	RA2	SFC - 4500	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
R585B(WMX)	RA2	SFC - 10000	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
R585C(WMX)	RA2	SFC - 10000	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
R585D(WMX)	RA2	SFC - 10000	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
R586A(WMX)	RA2	4500 - FL250	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
	Note: Area may be subject to short notice recall.				
R586B(WMX)	RA2	FL250 - FL600	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
	Note: Area may be subject to short notice recall.				
R586C(WMX)	RA2	FL125 - FL600	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
	Note: Area may be subject to short notice recall.				
R597A(WMX)	RA2	SFC - 6000	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING/NON-FLYING
	Note: Area may be subject to short notice recall.				
R597B(WMX)	RA2	6000 - FL150	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING/NON-FLYING
	Note: Area may be subject to short notice recall.				
R603(SHX)	RA2	SFC - 4000	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R604A(SHX)	RA2	4000 - FL125	NOTAM	(74) DEFENCE JACC	MILITARY FLYING

IDENT	STATUS	LIMIT	HOUR	AUTHORITY	ACTIVITY
R604B(SHX)	RA2	FL125 - FL245	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R605A(SHX)	RA2	4000 - FL125	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R605B(SHX)	RA2	FL125 - FL245	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R605C(SHX)	RA2	FL245 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R608	RA3	SFC - 8200	H24	(94) 1RSU OPS FLTCDR	MILITARY NON-FLYING
R609(EVX)	RA3	NOTAM - NOTAM	NOTAM	(48) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
R625A(AMX)	RA1	1500 - 8500	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
R625B(AMX)	RA1	2500 - 8500	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
R625C(AMX)	RA1	4500 - 8500	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
R625D(AMX)	RA1	8500 - FL210	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
R625E(AMX)	RA1	FL210 - FL310	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
R627	RA3	SFC - 2000	DLY 2100-0600 EXC PH or as amended by NOTAM	(37) DOTAM RCO Greenbank	MILITARY NON-FLYING
R634A	RA3	SFC - 3800	NOTAM	(49) DOTAM RCO Canungra	MILITARY FLYING/NON-FLYING
R634B	RA2	3800 - 8500	NOTAM	(49) DOTAM RCO Canungra	MILITARY FLYING/NON-FLYING
R636	RA2	7000 - FL230	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
R638A(EVX)	RA2	1000 - 8000	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING/NON-FLYING
	Note: NOTAM may be requested to change activation HRS with 2 HRS notification				
R638B(EVX)	RA2	SFC - 8000	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING/NON-FLYING
	Note: NOTAM may be requested to change activation HRS with 2 HRS notification				
R638C(EVX)	RA2	8000 - NOTAM	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING/NON-FLYING
	Note: NOTAM may be requested to change activation HRS with 2 HRS notification				
R639A(AWX)	RA2	10000 - NOTAM	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
R639B(AWX)	RA2	10000 - NOTAM	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
R639C(AWX)	RA2	10000 - NOTAM	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
R639D(AWX)	RA2	10000 - NOTAM	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
R642A(SBX)	RA3	SFC - 2000	NOTAM	(45) DOTAM RCO Shoalwater Bay	MILITARY FLYING/NON-FLYING
R642B(SBX)	RA2	2000 - 6000	NOTAM	(45) DOTAM RCO Shoalwater Bay	MILITARY FLYING/NON-FLYING
R643(SBX)	RA2	2000 - 6000	NOTAM	(45) DOTAM RCO Shoalwater Bay	MILITARY FLYING/NON-FLYING
R647A	RA3	SFC - 4500	H24	(67) Thales Duty Officer	MILITARY NON-FLYING
R647B	RA3	4500 - 7000	NOTAM	(67) Thales Duty Officer	MILITARY NON-FLYING
R654A(OKX)	RA2	SFC - 6500	NOTAM	(40) FLTCDR 452SQN OAKEY	MILITARY FLYING
R654B(OKX)	RA2	SFC - 6500	NOTAM	(40) FLTCDR 452SQN OAKEY	MILITARY FLYING
R654C(OKX)	RA1	6500 - FL125	NOTAM	(40) FLTCDR 452SQN OAKEY	MILITARY FLYING
R654D(OKX)	RA1	6500 - FL125	NOTAM	(40) FLTCDR 452SQN OAKEY	MILITARY FLYING
R681(SBX)	RA2	NOTAM - NOTAM	NOTAM	(45) DOTAM RCO Shoalwater Bay	MILITARY FLYING/NON-FLYING
R682(SBX)	RA2	NOTAM - NOTAM	NOTAM	(45) DOTAM RCO Shoalwater Bay	MILITARY FLYING/NON-FLYING
R683(SBX)	RA2	NOTAM - NOTAM	NOTAM	(45) DOTAM RCO Shoalwater Bay	MILITARY FLYING/NON-FLYING
R684A(SBX)	RA3	SFC - 2000	H24	(45) DOTAM RCO Shoalwater Bay	MILITARY FLYING/NON-FLYING
R684B(SBX)	RA2	2000 - NOTAM	NOTAM	(45) DOTAM RCO Shoalwater Bay	MILITARY FLYING/NON-FLYING
R685A(WBX)	RA2	SFC - NOTAM	NOTAM	(36) DOTAM RCO Wide Bay	MILITARY FLYING/NON-FLYING
R685B(WBX)	RA2	SFC - NOTAM	NOTAM	(36) DOTAM RCO Wide Bay	MILITARY FLYING/NON-FLYING
R686(SBX)	RA2	SFC - FL160	NOTAM	(45) DOTAM RCO Shoalwater Bay	MILITARY FLYING/NON-FLYING
R692A(SBX)	RA3	SFC - 2000	H24	(45) DOTAM RCO Shoalwater Bay	MILITARY FLYING/NON-FLYING
R692B(SBX)	RA2	2000 - 6000	NOTAM	(45) DOTAM RCO Shoalwater Bay	MILITARY FLYING/NON-FLYING
R692C(SBX)	RA2	6000 - NOTAM	NOTAM	(45) DOTAM RCO Shoalwater Bay	MILITARY FLYING/NON-FLYING
R732(TLX)	RA2	SFC - NOTAM	NOTAM	(43) FLTCDR 452SQN TOWNSVILLE	MILITARY FLYING/NON-FLYING
R736(TLX)	RA2	SFC - NOTAM	NOTAM	(43) FLTCDR 452SQN TOWNSVILLE	MILITARY FLYING/NON-FLYING

IDENT	STATUS	LIMIT	HOUR	AUTHORITY	ACTIVITY
R738A(TLX)	RA2	7000 - NOTAM	NOTAM	(43) FLTCDR 452SQN TOWNSVILLE	MILITARY FLYING
R738B(TLX)	RA2	7000 - NOTAM	NOTAM	(43) FLTCDR 452SQN TOWNSVILLE	MILITARY FLYING
R738C(TLX)	RA2	7000 - NOTAM	NOTAM	(43) FLTCDR 452SQN TOWNSVILLE	MILITARY FLYING
R738D(TLX)	RA2	7000 - NOTAM	NOTAM	(43) FLTCDR 452SQN TOWNSVILLE	MILITARY FLYING
R738E(TLX)	RA2	7000 - NOTAM	NOTAM	(43) FLTCDR 452SQN TOWNSVILLE	MILITARY FLYING
R738F(TLX)	RA2	7000 - NOTAM	NOTAM	(43) FLTCDR 452SQN TOWNSVILLE	MILITARY FLYING
R738G(TLX)	RA2	FL120 - NOTAM	NOTAM	(43) FLTCDR 452SQN TOWNSVILLE	MILITARY FLYING
R738H(TLX)	RA2	7000 - NOTAM	NOTAM	(43) FLTCDR 452SQN TOWNSVILLE	MILITARY FLYING
R739(TLX)	RA2	SFC - NOTAM	NOTAM	(43) FLTCDR 452SQN TOWNSVILLE	MILITARY FLYING/NON-FLYING
R747(TLX)	RA2	SFC - NOTAM	NOTAM	(43) FLTCDR 452SQN TOWNSVILLE	MILITARY FLYING/NON-FLYING
R751(TLX)	RA2	SFC - NOTAM	NOTAM	(43) FLTCDR 452SQN TOWNSVILLE	MILITARY FLYING/NON-FLYING
R752(TLX)	RA2	SFC - NOTAM	NOTAM	(43) FLTCDR 452SQN TOWNSVILLE	MILITARY FLYING/NON-FLYING
R765	RA2	SFC - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY NON-FLYING
R766	RA3	SFC - 3000	H24	(42) GBRMPA	ENVIRONMENT PROTECTION AREA
R768A(TLX)	RA2	SFC - 2000	DLY 2100-1200 EXC PH or as amended by NOTAM	(87) DOTAM RCO Mt Stuart	MILITARY NON-FLYING
R768B(TLX)	RA2	2000 - 3000	NOTAM	(87) DOTAM RCO Mt Stuart	MILITARY NON-FLYING
R783	RA2	SFC - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY NON-FLYING
R786(TUX)	RA2	NOTAM - NOTAM	NOTAM	(39) Army OC Jungle Training	MILITARY FLYING/NON-FLYING
R802A(CNX)	RA2	3500 - FL200	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R802B(CNX)	RA2	FL200 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R803A(CNX)	RA2	5500 - FL200	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R803B(CNX)	RA2	FL200 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R804A(CNX)	RA2	5500 - FL200	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R804B(CNX)	RA2	FL200 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R805A(CNX)	RA2	5500 - FL200	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R805B(CNX)	RA2	FL200 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R806A(CNX)	RA2	5500 - FL200	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R806B(CNX)	RA2	FL200 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R808A(CNX)	RA2	FL125 - FL200	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R808B(CNX)	RA2	FL200 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R825(CNX)	RA2	SFC - 3500	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R826(CNX)	RA2	1500 - 3500	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R850A(LMX)	RA2	NOTAM - FL280	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R850B(LMX)	RA2	FL280 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R851A(LMX)	RA2	NOTAM - 10000	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R851B(LMX)	RA2	10000 - FL280	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R851C(LMX)	RA2	FL280 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R860A(LMX)	RA2	NOTAM - 2500	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R860B(LMX)	RA2	2500 - FL280	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
R860C(LMX)	RA2	FL280 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING

7. DANGER AREAS

IDENT	LIMIT	HOUR	CONTACT	ACTIVITY
D101	SFC - 1600	NOTAM	Army DOTAM WA	FIRING RANGE
D102	SFC - 3900	H24	(95) Chevron Australia - Aviation Department	HIGH VELOCITY EXHAUST PLUME
D104A	SFC - 2500	H24	(9) CASA OAR	FLYING TRAINING
D104B	SFC - 3500	H24	(9) CASA OAR	FLYING TRAINING
D104C	SFC - 6000	H24	(9) CASA OAR	FLYING TRAINING
D106	SFC - 1600	HJ	(68) Telfer AD OPR	BLASTING
D107	SFC - 2000	HJ	(68) Mt Magnet AD OPR	BLASTING
D110	SFC - 1500	NOTAM	(55) DOTAM RCO Broome	FIRING
D121	SFC - 1500	H24	(62) Woodside OKHA	HIGH VELOCITY EXHAUST PLUME
D133	SFC - 1500	H24	(60) Woodside Goodwyn Alpha	HIGH VELOCITY EXHAUST PLUME
D149	SFC - 2000	H24	(59) Woodside Withnell Bay	HIGH VELOCITY EXHAUST PLUME
D150	SFC - 2000	H24	(59) Woodside Withnell Bay	HIGH VELOCITY EXHAUST PLUME
D151	SFC - 1500	H24	(61) Woodside North Rankin	HIGH VELOCITY EXHAUST PLUME
D157	SFC - 1500	NOTAM	(55) Army DOTAM WA	FIRING RANGE
D164	SFC - 1700	DLY 2100-1200 or as amended by NOTAM	(55) DOTAM RCO Coolilup	FIRING

IDENT	LIMIT	HOUR	CONTACT	ACTIVITY
D169	SFC - 1500	H24	(71) Army RCO Campbell	FIRING
D172	SFC - 500	JO HJ	(68) Karratha AD OPR	BLASTING
D174	SFC - FL150	HJ or as amended by NOTAM	(86) Skydive Jurien Bay	PARACHUTING
D186	SFC - 8500	HJ	(64) Skydive Australia	PARACHUTING
D187	SFC - 1800	H24	(85) Chevron Australia	HIGH VELOCITY EXHAUST PLUME
D188	SFC - 2000	HJ	(63) Mt Gibson Iron	BLASTING
D193(PEX)	SFC - 4000	JO HJ or as amended by NOTAM	(65) FLTCDR 453SQN PEARCE	MILITARY FLYING
D197(PEX)	SFC - 1500	HJ or as amended by NOTAM	(65) FLTCDR 453SQN PEARCE	FIRING
D198(PEX)	SFC - 2000	JO HJ	(65) FLTCDR 453SQN PEARCE	MILITARY FLYING
D204	BCTA - NOTAM	NOTAM	(98) Adelaide Soaring Club	GLIDING
D205	BCTA - NOTAM	NOTAM	(98) Adelaide Soaring Club	GLIDING
D206	BCTA - NOTAM	NOTAM	(98) Adelaide Soaring Club	GLIDING
D207A	BCTA - NOTAM	NOTAM	(9) CASA OAR	GLIDING
D207B	BCTA - NOTAM	NOTAM	(9) CASA OAR	GLIDING
D207C	BCTA - NOTAM	NOTAM	(9) CASA OAR	GLIDING
D207D	BCTA - NOTAM	NOTAM	(9) CASA OAR	GLIDING
D209(TNX)	SFC - 2500	NOTAM	(57) FLTCDR 452SQN TINDAL	VFR TRANSIT LANE
D210(TNX)	SFC - BCTA	MON - FRI 2130-1330 EXC PH or as amended by NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
D213(DNX)	SFC - 1100	H24	(101) DOTAM RCO Robertson Barracks	RIFLE RANGE
D216(DNX)	SFC - 1400	H24 or as amended by NOTAM	(101) DOTAM RCO Robertson Barracks	RIFLE RANGE
D217	SFC - 3000	H24	(91) INPEX	HIGH VELOCITY EXHAUST PLUME
D218	SFC - 1500	H24	(56) Rio Tinto Jabiru	BLASTING
D220	SFC - 4500	HJ	(9) CASA OAR	FLYING TRAINING/TRANSIT AREA
D223(TNX)	SFC - 8500	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
D227	SFC - 900	H24	(58) Conoco Phillips Darwin	HIGH VELOCITY EXHAUST PLUME
D229(TNX)	SFC - 8500	NOTAM	(57) FLTCDR 452SQN TINDAL	MILITARY FLYING
D236A(TDX)	SFC - 3000	NOTAM	(77) DOTAM RCO BFTA	VFR TRANSIT LANE
D236B(TDX)	SFC - 3000	NOTAM	(77) DOTAM RCO BFTA	VFR TRANSIT LANE
D239	SFC - 900	DLY 0600-0830	(68) Olympic Dam AD OPR	BLASTING
D242	SFC - 650	HR DAILY 0100-0200, 0500-0600 or as amended by NOTAM	(68) McArthur River Mine AD OPR	BLASTING
D243(TNX)	SFC - 1000	MON-FRI 0700-0800 EXC PH or as AMD by NOTAM	(57) FLTCDR 452SQN TINDAL	BLASTING
D256	SFC - 600	H24	(54) FLTCDR 452SQN DARWIN	RIFLE RANGE
D257	SFC - 1500	HJ or as amended by NOTAM	(54) FLTCDR 452SQN DARWIN	ACCESS LANE
D258A(EDX)	SFC - 8500	JO HJ or as amended by NOTAM	(50) FLTCDR 453SQN EDINBURGH	MILITARY FLYING
D258B(EDX)	SFC - 9500	JO HJ or as amended by NOTAM	(50) FLTCDR 453SQN EDINBURGH	MILITARY FLYING
D258C(EDX)	SFC - FL150	JO HJ or as amended by NOTAM	(50) FLTCDR 453SQN EDINBURGH	MILITARY FLYING
D261(ENX)	SFC - 3000	NOTAM	(90) DOTAM RCO Cultana	ACCESS LANE
D266	SFC - 8500	HJ	(103) SA Skydiving	PARACHUTING
D267(TDX)	SFC - NOTAM	NOTAM	(77) DOTAM RCO BFTA	FIRING & MILITARY FLYING
D271	SFC - 5000	H24	(52) HWE Mining	BLASTING
D272A	SFC - 500	NOTAM	(106) NACAS Chief Remote Pilot	UAV OPERATIONS
D272B	SFC - 2000	NOTAM	(106) NACAS Chief Remote Pilot	UAV OPERATIONS
D280	SFC - 2500	HJ	(9) CASA OAR	FLYING TRAINING & TRANSIT AREA
D284	SFC - 5600	H24	(68) Moomba AD OPR	HIGH VELOCITY EXHAUST PLUME
D285	SFC - 4000	HJ	(68) Murray Bridge AD OPR	AEROBATIC AREA
D288A	SFC - 2500	HJ	(9) CASA OAR	FLYING TRAINING
D288B	SFC - 1000	NOTAM	(69) Army DO Robertson Barracks	MILITARY FLYING
D288C	SFC - 1000	NOTAM	(69) Army DO Robertson Barracks	MILITARY FLYING
D305	SFC - 4000	HJ	(9) CASA OAR	FLYING TRAINING
D315	SFC - 7500	HJ	(9) CASA OAR	FLYING TRAINING

IDENT	LIMIT	HOUR	CONTACT	ACTIVITY
D316	SFC - 5000	H24	(9) CASA OAR	FLYING TRAINING
D322A	SFC - NOTAM	NOTAM	(27) Textron System Pty Ltd	UNMANNED AERIAL VEHICLE TESTING
D322B	SFC - NOTAM	NOTAM	(27) Textron System Pty Ltd	UNMANNED AERIAL VEHICLE TESTING
D342	SFC - 2500	HJ OT BY NOTAM	(78) Skydive The Beach Melbourne	PARACHUTING
D349	2500 - 7500	HJ	(105) Inbound Aviation	AEROBATICS AREA
D354(ESX)	SFC - 1500	JO HJ or as amended by NOTAM	(19) FLTCDR 453SQN EAST SALE	VFR TRANSIT LANE
D372	SFC - 1200	H24	(21) Beach Energy Lang Lang	HIGH VELOCITY EXHAUST PLUME
D373	SFC - FL125	HJ	(72) Skydive Australia	PARACHUTING
D376	SFC - FL125	HJ or as amended by NOTAM	(88) Skydive Euroa	PARACHUTING
D378	SFC - 1700	NOTAM	(34) DOTAM RCO Buckland	MILITARY NON-FLYING
D383A(PCX)	SFC - BCTA	HJ or as amended by NOTAM	(70) Point Cook AD OPR	FLYING TRAINING
D383B(PCX)	SFC - BCTA	HJ or as amended by NOTAM	(70) Point Cook AD OPR	AEROBATICS AREA
D392(ESX)	SFC - NOTAM	NOTAM	(19) FLTCDR 453SQN EAST SALE	FIRING
D399	4500 - 5500	NOTAM	(26) Airservices Australia Melbourne	GLIDER FLYING
D410	SFC - 760	H24	(93) Control Room	HIGH VELOCITY EXHAUST PLUME
D426A	SFC - 2500	HJ	(9) CASA OAR	FLYING TRAINING
D426B	SFC - 4500	HJ	(9) CASA OAR	FLYING TRAINING
D426C	SFC - 5500	HJ	(9) CASA OAR	FLYING TRAINING
D426D	SFC - 7500	HJ	(9) CASA OAR	FLYING TRAINING
D427	SFC - 5000	NOTAM	(14) 100SQN Operations	AIR DISPLAYS
D431	SFC - 3100	MON - FRI 2300 - 0700	(10) Graymont Australia	BLASTING
D432	SFC - 3300	MON - FRI 2300 - 0700	(10) Graymont Australia	BLASTING
D435	SFC - 3000	DLY 2100-1400 (1HR EARLIER HDS) or as amended by NOTAM	(33) DOTAM RCO Kapooka	FIRING
D451	SFC - 4500	NOTAM	(16) ACFR	UNMANNED AERIAL VEHICLE TESTING
D457	SFC - 3000	MON-THU 2030-1300 FRI-SUN 2030-1230 (1HR EARLIER HDS) or as amended by NOTAM	(6) DOTAM RCO Majura	FIRING
D458	SFC - 3400	MON-THU 2030-1300 FRI-SUN 2030-1230 (1HR EARLIER HDS) or as amended by NOTAM	(6) DOTAM RCO Majura	FIRING
D459(RIX)	SFC - 2500	JO HJ or as amended by NOTAM	(75) FLTCDR 453SQN RICHMOND	MILITARY FLYING
D513	SFC - FL180	NOTAM	(29) Air Affairs Australia	UAV OPERATIONS
D523A	SFC - 3500	H24	(9) CASA OAR	FLYING TRAINING
D523B	SFC - 8000	H24	(9) CASA OAR	FLYING TRAINING
D526	SFC - 8500	MON - SAT-HJ	(7) Newcrest Mining	BLASTING
D531A	SFC - 8000	HJ	(9) CASA OAR	FLYING TRAINING
D531B	SFC - 5000	HJ	(9) CASA OAR	FLYING TRAINING
D535	SFC - BCTA	HJ	(72) Skydive Australia	PARACHUTING
D537(WMX)	SFC - 1300	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FIRING
D543	SFC - 1100	H24	(13) Origin Energy Uranquinty	HIGH VELOCITY EXHAUST PLUME
D566A(WWX)	SFC - 8500	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
D566B(WWX)	SFC - 8500	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
D576A(WWX)	SFC - 10000	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
D576B(WWX)	SFC - 10000	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
D576C(WWX)	SFC - 10000	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
D576D(WWX)	SFC - 10000	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING

IDENT	LIMIT	HOUR	CONTACT	ACTIVITY
D589(WMX)	SFC - 2500	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	VFR TRANSIT LANE
D594	SFC - 7500	HJ	(30) Sydney Parachute and Skydiving Centre	PARACHUTING
D602(SHX)	SFC - 4000	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
D606(SHX)	SFC - FL125	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
D611	SFC - FL150	H24	(51) SANTOS Ballera	HIGH VELOCITY EXHAUST PLUME
D612A(AMX)	SFC - 1500	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D612B(AMX)	SFC - 2500	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D614A(OKX)	SFC - 3500	NOTAM	(40) FLTCDR 452SQN OAKEY	MILITARY FLYING
D614B(OKX)	SFC - 3500	NOTAM	(40) FLTCDR 452SQN OAKEY	MILITARY FLYING
D615	SFC - 2400	NOTAM	(87) Dept of Defence - ADF Range Management	FIRING
D617A(AEX)	SFC - 5000	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D617B(AEX)	SFC - 5000	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D617C(AEX)	SFC - 5000	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D617D(AEX)	SFC - 5000	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D618(SBX)	SFC - 2000	NOTAM	(45) DOTAM RCO Shoalwater Bay	MILITARY FLYING / TRANSIT AREA
D619(SBX)	SFC - 4500	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
D621A(AWX)	SFC - 10000	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D621B(AWX)	SFC - 10000	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D621C(AWX)	SFC - 10000	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D621D(AWX)	SFC - 10000	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D623	SFC - 5000	NOTAM	(31) Queensland Rocketry Society	ROCKET LAUNCHING
D629A	SFC - 1500	HJ	(9) CASA OAR	CIVIL FLYING TRAINING
D629B	SFC - 2500	HJ	(9) CASA OAR	CIVIL FLYING TRAINING
D629C	SFC - 3500	HJ	(9) CASA OAR	CIVIL FLYING TRAINING
D629D	SFC - 3500	HJ	(9) CASA OAR	CIVIL FLYING TRAINING
D629E	SFC - 4500	HJ	(9) CASA OAR	CIVIL FLYING TRAINING
D630A(AMX)	SFC - 4500	MON-THU 2200-1330 FRI 2200-0630 EXC PH OT BY NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D630B(AMX)	SFC - 4500	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D630C(AMX)	SFC - 8500	MON-THU 2200-1330 FRI 2200-0630 EXC PH OT BY NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D630D(AMX)	SFC - 8500	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D632(AEX)	SFC - 5000	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D635A	SFC - 6000	HJ	(97) Flight Training Adelaide	FLYING TRAINING
D635B	SFC - 3000	HJ	(97) Flight Training Adelaide	FLYING TRAINING
D645(AMX)	SFC - BCTA	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D648(AMX)	SFC - 2000	NOTAM	(37) DOTAM RCO Greenbank	FIRING
D652(OKX)	SFC - 2800	H24	(41) Power Holding	HIGH VELOCITY EXHAUST PLUME
D656A	SFC - 1500	HJ	(9) CASA OAR	FLYING TRAINING
D656B	SFC - 2500	HJ	(9) CASA OAR	FLYING TRAINING
D656C	SFC - 4500	HJ	(9) CASA OAR	FLYING TRAINING
D656D	SFC - 4500	HJ	(9) CASA OAR	FLYING TRAINING
D658A(AEX)	SFC - 5000	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D658B(AEX)	SFC - 5000	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D664	SFC - 5000	HJ	(9) CASA OAR	FLYING TRAINING
D666	SFC - 2000	HJ	(9) CASA OAR	FLYING TRAINING
D672	SFC - 2500	HJ	(9) CASA OAR	TRAINING AREA
D673	SFC - 4500	HJ	(9) CASA OAR	TRAINING AREA
D675	SFC - 3500	HJ	(9) CASA OAR	TRAINING AREA
D679A(AEX)	SFC - 5000	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D679B(AEX)	SFC - 5000	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D688	SFC - 5000	HJ	(9) CASA OAR	FLYING TRAINING
D690(AEX)	SFC - FL125	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
D691	SFC - 5000	HJ	(9) CASA OAR	FLYING TRAINING
D698	SFC - BCTA	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
D706	SFC - 4500	HJ	(9) CASA OAR	FLYING TRAINING
D722	SFC - 2000	H24	(46) Cement Australia	HIGH VELOCITY EXHAUST PLUME
D723	SFC - 3500	H24	(82) QCLNG	HIGH VELOCITY EXHAUST PLUME
D724	SFC - 3500	H24	(83) Santos GLNG	HIGH VELOCITY EXHAUST PLUME
D726	SFC - 5000	H24	(84) Australian Pacific Liquified Natural Gas	HIGH VELOCITY EXHAUST PLUME
D731	SFC - 3500	NOTAM	(87) DOTAM RCO Atherton	FIRING
D745(TLX)	SFC - 7000	NOTAM	(43) FLTCDR 452SQN TOWNSVILLE	MILITARY FLYING
D762	SFC - 3500	HJ	(38) Airservices Australia Cairns	PARACHUTING ACTIVITY
D764(TLX)	SFC - 2500	HJ	(9) CASA OAR	FLYING TRAINING
D769A	SFC - 1500	HJ	(9) CASA OAR	FLYING TRAINING

IDENT	LIMIT	HOUR	CONTACT	ACTIVITY
D769B	SFC - 2500	HJ	(9) CASA OAR	FLYING TRAINING
D771A	SFC - 1500	HJ	(9) CASA OAR	FLYING TRAINING
D771B	SFC - 2500	HJ	(9) CASA OAR	FLYING TRAINING
D771C	SFC - 3500	HJ	(9) CASA OAR	FLYING TRAINING
D771D	SFC - 4500	HJ	(9) CASA OAR	FLYING TRAINING
D772	SFC - 1700	MON 2200-0600 WED 2200-0600 FRI-SUN 2200-0600 EXC PH or as amended by NOTAM	(87) DOTAM RCO Wangetti	FIRING
D779(TLX)	SFC - 2500	DLY 2000-1400 EXC PH or as amended by NOTAM	(44) DOTAM RCO Cape Cleveland	MILITARY FLYING
D812	SFC - NOTAM	NOTAM	(55) DOTAM RCO Yampi Sound	FIRING
D813(CNX)	SFC - 5500	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
D814(CNX)	SFC - 5500	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
D815(CNX)	SFC - 5500	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
D816(CNX)	SFC - 5500	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
D817(CNX)	SFC - FL125	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
D818(CNX)	SFC - FL125	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
D819(CNX)	SFC - FL125	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
D820(CNX)	SFC - FL125	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
D830A(CNX)	SFC - 1500	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
D830B(CNX)	SFC - 3500	NOTAM	(74) DEFENCE JACC	MILITARY FLYING

8. MILITARY OPERATING AREAS

IDENT	LIMIT	HOUR	CONTACT	ACTIVITY
M147A(LNX)	SFC - FL700	NOTAM	(73) Navy HMAS Stirling	MILITARY FLYING/NON-FLYING
M147B(LNX)	SFC - FL260	NOTAM	(73) Navy HMAS Stirling	MILITARY FLYING/NON-FLYING
M147C(LNX)	SFC - FL260	NOTAM	(73) Navy HMAS Stirling	MILITARY FLYING/NON-FLYING
M161(PEX)	6000 - NOTAM	NOTAM	(65) FLTCDR 453SQN PEARCE	MILITARY FLYING
M166(PEX)	2000 - NOTAM	NOTAM	(65) FLTCDR 453SQN PEARCE	MILITARY FLYING/NON-FLYING
M170A(PEX)	NOTAM - NOTAM	NOTAM	(65) FLTCDR 453SQN PEARCE	MILITARY FLYING/NON-FLYING
M170B(PEX)	NOTAM - NOTAM	NOTAM	(65) FLTCDR 453SQN PEARCE	MILITARY FLYING/NON-FLYING
M171A(PEX)	SFC - NOTAM	NOTAM	(65) FLTCDR 453SQN PEARCE	MILITARY FLYING/NON-FLYING
M171B(PEX)	SFC - NOTAM	NOTAM	(65) FLTCDR 453SQN PEARCE	MILITARY FLYING/NON-FLYING
M180(SNX)	SFC - 2000	NOTAM	(73) Navy HMAS Stirling	MILITARY FLYING/NON-FLYING
M181(SNX)	SFC - FL260	NOTAM	(73) Navy HMAS Stirling	MILITARY FLYING/NON-FLYING
M182A(SNX)	NOTAM - NOTAM	NOTAM	(73) Navy HMAS Stirling	MILITARY FLYING/NON-FLYING
M182B(SNX)	NOTAM - NOTAM	NOTAM	(73) Navy HMAS Stirling	MILITARY FLYING/NON-FLYING
M182C(SNX)	NOTAM - NOTAM	NOTAM	(73) Navy HMAS Stirling	MILITARY FLYING/NON-FLYING
M182D(SNX)	NOTAM - NOTAM	NOTAM	(73) Navy HMAS Stirling	MILITARY FLYING/NON-FLYING
M182E(SNX)	NOTAM - NOTAM	NOTAM	(73) Navy HMAS Stirling	MILITARY FLYING/NON-FLYING
M182F(SNX)	NOTAM - NOTAM	NOTAM	(73) Navy HMAS Stirling	MILITARY FLYING/NON-FLYING
M182G(SNX)	NOTAM - NOTAM	NOTAM	(73) Navy HMAS Stirling	MILITARY FLYING/NON-FLYING
M195(SNX)	SFC - NOTAM	NOTAM	(73) Navy HMAS Stirling	MILITARY FLYING/NON-FLYING
M201(EDX)	SFC - FL600	NOTAM	(50) FLTCDR 453SQN EDINBURGH	MILITARY FLYING/NON-FLYING
M277A(DSX)	NOTAM - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
M277B(DSX)	NOTAM - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
M277C(DSX)	NOTAM - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
M277D(DSX)	NOTAM - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
M277E(DSX)	NOTAM - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
M277F(DSX)	NOTAM - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
M277G(DSX)	NOTAM - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
M277H(DSX)	NOTAM - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
M278A(DNX)	5000 - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
M278B(DNX)	5000 - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
M278C(DNX)	NOTAM - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
M278D(DNX)	NOTAM - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
M278E(DNX)	5000 - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
M278F(DNX)	5000 - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
M278G(DNX)	5000 - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
M278H(DNX)	5000 - NOTAM	NOTAM	(54) FLTCDR 452SQN DARWIN	MILITARY FLYING/NON-FLYING
M301A(ESX)	4000 - FL210	NOTAM	(19) FLTCDR 453SQN EAST SALE	MILITARY FLYING
M301B(ESX)	FL210 - FL450	NOTAM	(19) FLTCDR 453SQN EAST SALE	MILITARY FLYING
M335A	SFC - 9000	NOTAM	(32) Navy HMAS Cerberus	MILITARY FLYING/NON-FLYING
M335B	SFC - NOTAM	NOTAM	(32) Navy HMAS Cerberus	MILITARY FLYING/NON-FLYING
M335C	9000 - FL180	NOTAM	(32) Navy HMAS Cerberus	MILITARY NON-FLYING
M440A(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING
M440B(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING
M440C(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING/NON-FLYING

IDENT	LIMIT	HOUR	CONTACT	ACTIVITY
M440D(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING/NON-FLYING
M440E(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING/NON-FLYING
M440F(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING/NON-FLYING
M440G(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING/NON-FLYING
M440H(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING/NON-FLYING
M440J(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING/NON-FLYING
M440K(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING/NON-FLYING
M440L(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING/NON-FLYING
M440M(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING/NON-FLYING
M440N(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING/NON-FLYING
M440P(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING/NON-FLYING
M441(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING/NON-FLYING
M442A(TSX)	SFC - 1500	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING
M442B(TSX)	SFC - 7500	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING
M442C(TSX)	SFC - 8500	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING
M442D(TSX)	SFC - FL125	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING
M442E(TSX)	SFC - FL205	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING
M443(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING/NON-FLYING
M444A(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING/NON-FLYING
M444B(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING/NON-FLYING
M444C(TSX)	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING/NON-FLYING
M581(WEX)	SFC - FL600	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
M582(WEX)	SFC - FL600	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
M583(WEX)	SFC - FL600	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
M584(WEX)	SFC - FL600	NOTAM	(2) FLTCDR 453SQN WILLIAMTOWN	MILITARY FLYING
M610A(SHX)	FL125 - FL245	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M610B(SHX)	FL245 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M640A(AEX)	5000 - NOTAM	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
M640B(AEX)	5000 - NOTAM	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
M640C(AEX)	5000 - NOTAM	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
M640D(AEX)	5000 - NOTAM	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
M641(EVX)	SFC - NOTAM	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING/NON-FLYING
M646(AEX)	5000 - NOTAM	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
M649A(AEX)	5000 - NOTAM	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
M649B(AEX)	5000 - NOTAM	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
M661A(AEX)	5000 - NOTAM	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
M661B(AEX)	5000 - NOTAM	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
M670A(AEX)	FL125 - FL245	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
M670B(AEX)	FL245 - NOTAM	NOTAM	(47) FLTCDR 452SQN AMBERLEY	MILITARY FLYING
M678(SBX)	NOTAM - NOTAM	NOTAM	(45) DOTAM RCO Shoalwater Bay	MILITARY FLYING
M694	NOTAM - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY FLYING
M742(TLX)	4000 - FL240	NOTAM	(43) FLTCDR 452SQN TOWNSVILLE	MILITARY FLYING
M777	SFC - NOTAM	NOTAM	(17) Fleet HQ Potts Point	MILITARY NON-FLYING
M821A(CNX)	FL125 - FL200	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M821B(CNX)	FL200 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M822A(CNX)	FL125 - FL200	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M822B(CNX)	FL200 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M823A(CNX)	FL125 - FL200	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M823B(CNX)	FL200 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M824(CNX)	NOTAM - NOTAM	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M855A(LMX)	10000 - FL280	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M855B(LMX)	FL280 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M856A(LMX)	NOTAM - FL280	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M856B(LMX)	FL280 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M857A(LMX)	NOTAM - FL280	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M857B(LMX)	FL280 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M858A(LMX)	NOTAM - 10000	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M858B(LMX)	10000 - FL280	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M858C(LMX)	FL280 - FL600	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M865A(LMX)	NOTAM - FL280	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M865B(LMX)	FL280 - FL950	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M866A(LMX)	NOTAM - FL280	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M866B(LMX)	FL280 - FL950	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M867A(LMX)	NOTAM - FL280	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M867B(LMX)	FL280 - FL950	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M868A(LMX)	NOTAM - FL280	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M868B(LMX)	FL280 - FL950	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M869A(LMX)	NOTAM - FL250	NOTAM	(74) DEFENCE JACC	MILITARY FLYING
M869B(LMX)	NOTAM - FL250	NOTAM	(74) DEFENCE JACC	MILITARY FLYING

9. LIST OF RELEVANT CONTACT NUMBERS

(1) 08 8570 2242 or 0447 113 398
(2) 02 4034 6800
(3) 02 4449 5396
(4) 0457 380 483 or 03 5736 3294

(5) PRI 03 5735 7586 SRY 0438 746 898; 0407 203 234
(6) PRI 02 5131 1321 SRY 0416 266 583; 0416 266 580
(7) 02 6392 2451
(8) PRI 02 6575 0345 SRY 0418 166 358
(9) 02 6217 1177 (option 7)
(10) 02 6769 5501
(11) 02 6790 4000 or AH 02 6790 4075
(12) 02 6861 1777 or AH 0427 001 583
(13) 02 6927 0101
(14) 0497 121 444
(15) PRI 0413 186 354 SRY 0417 296 731
(16) 02 9351 7468
(17) 0418 225 754 2200-0600. OT JFMCC Watchkeeper 02 6127 4339
(18) 02 9717 3663
(19) 03 5169 7489
(20) PRI 03 5254 9499 SRY 0499 008 581
(21) 03 5654 9100
(22) PRI 03 5735 7769 SRY 0438 746 898; 0408 435 633
(23) 03 5742 2200
(24) 03 5760 3222
(25) 03 5736 3010 or 03 5794 3211 or 0417 028 505
(26) 03 9235 7337^
(27) 03 9518 7300
(28) PRI 08 8539 3600 SRY 0448 366 812
(29) 0475 537 062
(30) 0411 864 676
(31) 0414 937 467
(32) 0412 843 939
(33) PRI 02 5942 9940 SRY 0407 937 828; 0439 601 033
(34) PRI 0457 821 848 SRY 0429 999 889
(35) 08 8867 0270 or 08 8867 0299 or 0437 743 721
(36) PRI 07 5488 1611 SRY 0439 897 290
(37) PRI 07 3804 2411 SRY 0438 711 976
(38) 07 4050 5380^
(39) 0409 056 233
(40) 07 4577 7220
(41) 07 4691 4011
(42) 07 4750 0700
(43) 07 4752 1207
(44) 0409 887 926
(45) PRI 07 4935 5000 SRY 0459 843 330
(46) 07 4970 1111
(47) 07 5361 3349
(48) 02 6682 4740
(49) PRI 07 5618 6270 SRY 0407 149 557
(50) 08 7383 2114
(51) 08 8116 5000
(52) 08 8644 5798
(53) 08 8674 3370
(54) 08 7929 4671 or 0408 809 864
(55) PRI 08 9576 5001 SRY 0427 659 236
(56) 08 8938 1571
(57) 08 8973 7460 or 08 8973 7461
(58) 08 8919 1579
(59) 08 9158 8261
(60) 08 9348 5650
(61) 08 9348 5852
(62) 08 9348 5862
(63) 0435 009 670
(64) 08 9444 4199
(65) 0467 718 182 or 08 9476 8622
(66) 08 9929 1011 or 0427 119 879
(67) 1800 234 583
(68) AD OPR See ERSA FAC
(69) 0889251071 or 0438719805
(70) 03 8348 6888
(71) 0457 534 818
(72) 1300 663 634
(73) 08 9553 2369 OOH 02 6128 4339, 0418 225 754
(74) 02 6250 6308
(75) 02 4587 1201
(76) PRI 08 9576 5001 SRY 0438 710 644
(77) PRI 0427 185 058 SRY 0498 575 848; 0419 848 996
(78) 03 9739 0333
(79) 08 8951 2025 or 08 8951 2010 or 08 8951 2000
(80) 02 8782 7531

(81) CSIRO Tidbinbilla Control Room 02 6201 7940
(82) 0409 424 415 or 07 3024 7447
(83) 07 4844 4000
(84) 07 4836 7777 OR 07 4836 8065
(85) 08 9184 3717
(86) 1300 293 766
(87) PRI 0415 345 584 SRY 07 4772 9829; 0405 563 150
(88) 0413 863 929
(89) 03 9235 7420
(90) PRI 08 8641 5830 SRY 0414 932 339
(91) 08 8983 8030 or 08 8983 8060
(92) 131 757
(93) 02 8724 9125
(94) 08 7374 7020
(95) 08 9216 4458
(96) 0419 984 938
(97) 08 8209 4398
(98) 0438 409 928
(99) 08 9949 3321
(100) PRI 0418 425 916 SRY 08 8978 2545
(101) PRI 0428 429 694 SRY 08 7971 2587
(102) 0409 038 714 or 0430 339 921
(103) 08 8272 7888
(104) 02 5130 6904
(105) 1300 591 541
(106) 08 8946 6105
(107) PRI 0427 166 790 SRY 08 8970 4601

AERODROMES AND ALA CODES - ENCODED

LOCATION	STATE	CODE
ABBIEGLASSIE	QLD	YABG/ALA
ABERDEEN	QLD	YABD/ALA
ABERFOYLE	QLD	YABF/ALA
ABINGDON DOWNS	QLD	YABI/ALA
ABRA MINE	WA	YABR/AD
ADAMINABY	NSW	YADY/ALA
ADAVALE	QLD	YADA/ALA
ADELAIDE	SA	YPAD/AD
ADELAIDE/PARAFIELD	SA	YPPF/AD
ADELS GROVE	QLD	YALG/ALA
AGINCOURT NORTH	QLD	YAIN/HLS
AGINCOURT SOUTH	QLD	YAIS/HLS
AGNES WATER	QLD	YAWT/ALA
AILERON	NT	YALR/ALA
ALAMEIN	SA	YAMN/ALA
ALBANY	WA	YABA/AD
ALBILBAH	QLD	YALH/ALA
ALBION DOWNS	WA	YABS/ALA
ALBURY	NSW	YMAY/AD
ALBURY HOSPITAL	NSW	YXAL/HLS
ALCOOTA STN	NT	YALC/ALA
ALDERLEY	QLD	YALY/ALA
ALDERSYDE	QLD	YADR/ALA
ALDINGA	SA	YADG/ALA
ALEXANDRA	VIC	YAXA/HLS
ALEXANDRIA STN	NT	YALX/ALA
ALFRED HOSPITAL	VIC	YAFD/HLS
ALICE DOWNS STN	QLD	YACD/ALA
ALICE SPRINGS	NT	YBAS/AD
ALLAMBIE	NT	YALM/ALA
ALLANDY	NSW	YALN/ALA
ALONNAH MEDICAL	TAS	YXBY/HLS
ALPHA	QLD	YAPH/AD
ALPURRURULAM	NT	YALP/ALA
ALROY DOWNS	NT	YALD/ALA
ALSTONVILLE SOUTH	NSW	YAVS/ALA
ALTHORPE ISLAND	SA	YALT/HLS
ALTON DOWNS	SA	YADS/ALA
AMATA	SA	YAMT/ALA
AMBALINDUM	NT	YABL/ALA
AMBERLEY	QLD	YAMB/AD
AMMAROO	NT	YAMM/ALA
AMPHITHEATRE	VIC	YATR/ALA
AMPILATWATJA	NT	YAMJ/ALA
ANABURROO	NT	YANR/ALA
ANDADO	NT	YADO/ALA
ANGASTON HOSPITAL	SA	YXAG/HLS
ANGATJA	SA	YANJ/ALA
ANGEL PLATFORM	WA	YAGP/HLS
ANMATJERE/GEMTREE CARAVAN PARK	NT	YGTC/ALA
ANMATJERE/PINE HILL STATION	NT	YPHS/ALA
ANNA CREEK	SA	YANK/ALA
ANNA PLAINS HS	WA	YAPA/ALA
ANNANDALE	QLD	YADE/ALA
ANNINGIE	NT	YANN/ALA
ANNITOWA	NT	YANW/ALA
ANSWER DOWNS	QLD	YAND/ALA
ANTHONY LAGOON	NT	YANL/ALA
APOLLO BAY	VIC	YAPO/ALA
AQUILA	QLD	YAQA/ALA
ARAMAC	QLD	YAMC/ALA
ARAPUNYA	NT	YARP/ALA
ARARAT	VIC	YARA/AD
ARARAT HOSPITAL	VIC	YXAR/HLS
ARCADIA	QLD	YACI/ALA
ARCHER RIVER	QLD	YARC/ALA
ARCTURUS DOWNS HS	QLD	YATU/ALA
ARDLETHAN	NSW	YARL/ALA
ARDMORE	QLD	YAOR/ALA
ARDROSSAN HOSPITAL	SA	YXAN/HLS
AREYONGA	NT	YARN/ALA
ARGADARGADA	NT	YARD/ALA
ARGYLE	QLD	YAGL/ALA
ARIZONA HS	QLD	YARI/ALA
ARKAPENA	SA	YRKP/ALA
ARKAROOLA	SA	YARK/ALA
ARLINGTON REEF	QLD	YARF/HLS
ARMIDALE	NSW	YARM/AD
ARMIDALE HOSPITAL	NSW	YXAH/HLS
ARMRAYNALD	QLD	YAML/ALA
ARNO HS	QLD	YANO/ALA
ARRABURY	QLD	YARY/ALA
ARUBIDDY	WA	YADD/ALA
ASHBURTON DOWNS	WA	YAHD/ALA
ASHFORD	NSW	YASF/ALA
ASHGROVE	QLD	YASH/ALA
ATHERTON	QLD	YATN/ALA
ATHERTON HOSPITAL	QLD	YXAT/HLS
AUBURN	QLD	YAUB/ALA
AUBURNVALE	QLD	YMFA/ALA
AUGATHELLA	QLD	YAUA/ALA
AUGUSTA	WA	YAUG/ALA
AUGUSTUS DOWNS	QLD	YAGD/ALA
AURUKUN	QLD	YAUR/AD
AUST AGE OF DINOSAURS MUSEUM	QLD	YAOD/HLS
AUSTRAL DOWNS STN	NT	YAUS/ALA
AUTEUIL	QLD	YAUT/ALA
AUVERGNE STN	NT	YAUV/ALA
AVALON EAST	VIC	YAVE/ALA
AVON DOWNS	NT	YAVD/ALA
AVYMORE	NSW	YAVY/ALA
AYERS ROCK/CONNELLAN	NT	YAYE/AD
AYR	QLD	YAYR/ALA
AYR HOSPITAL	QLD	YXYR/HLS
BAAL BONE COLLIERY	NSW	YBNE/HLS
BACCHUS MARSH	VIC	YBSS/ALA
BADU ISLAND	QLD	YBAU/ALA
BAIKAL	NT	YIKL/ALA
BAIRNSDALE	VIC	YBNS/AD
BAIRNSDALE HOSPITAL	VIC	YXBN/HLS

LOCATION	STATE	CODE	LOCATION	STATE	CODE
BALAKLAVA	SA	YBVA/ALA	BEACON	WA	YBEC/ALA
BALAKLAVA HOSPITAL	SA	YXBA/HLS	BEACONSFIELD	QLD	YBCF/ALA
BALCANOONA	SA	YBLC/ALA	BEAGLE BAY	WA	YBGB/ALA
BALD HILLS	NSW	YBLI/ALA	BEATRICE DOWNS	QLD	YBTC/ALA
BALGAIR	WA	YBGI/ALA	BEAUDESERT	QLD	YBDR/HLS
BALGO HILL	WA	YBGO/AD	BEAUDESERT HOSPITAL	QLD	YXBS/HLS
BALLADONIA	WA	YBAL/ALA	BEAUFORT	VIC	YBFT/ALA
BALLANDOOL	QLD	YBDO/ALA	BEDARRA ISLAND	QLD	YBDA/HLS
BALLARAT	VIC	YBLT/AD	BEDFORD DOWNS	WA	YBDF/ALA
BALLARAT BASE HOSPITAL	VIC	YXBT/HLS	BEDOURIE	QLD	YBIE/AD
BALLERA	QLD	YLLE/AD	BEEANTHA	QLD	YBEA/ALA
BALLIDU	WA	YBIU/ALA	BEECHWORTH	VIC	YBCH/ALA
BALLINA/BYRON GATEWAY	NSW	YBNA/AD	BEEF MACHINE	WA	YBFM/ALA
BALMA	NT	YLMA/ALA	BEEFWOOD	QLD	YBFW/HLS
BALONNE	QLD	YONE/ALA	BEGA HOSPITAL	NSW	YXBV/HLS
BALRANALD	NSW	YBRN/AD	BELELE	WA	YELE/ALA
BALURGA	QLD	YBRG/ALA	BELLBROOK MEDICAL	NSW	YXBK/HLS
BAMBOO CREEK GOLD MINE	WA	YBBC/ALA	BELLBURN	WA	YBEB/ALA
BAMYILI	NT	YBMY/ALA	BELLEVUE	WA	YBLU/AD
BAN BAN SPRINGS	NT	YBBS/ALA	BELLEVUE	QLD	YBVE/ALA
BANIYALA	NT	YBNI/ALA	BELLGREE	QLD	YBLX/ALA
BANJAWARN	WA	YBJW/ALA	BELLINGEN MEDICAL	NSW	YXEG/HLS
BANKSIA	QLD	YBKA/ALA	BELYANDO/LABONA	QLD	YLBA/ALA
BANNOCKBURN	WA	YBNC/ALA	BELYANDO/MORAY DOWNS	QLD	YAMO/ALA
BARADINE	NSW	YBAD/ALA	BEN BULLEN MEDICAL	NSW	YXUN/HLS
BARALABA	QLD	YBAB/ALA	BENALLA	VIC	YBLA/AD
BARALABA HOSPITAL	QLD	YXLB/HLS	BENAMBRA	VIC	YBRA/ALA
BARCALDINE	QLD	YBAR/AD	BENCUBBIN	WA	YBCB/ALA
BARENYA	QLD	YBEY/ALA	BENDICK MURRELL	NSW	YBND/ALA
BARIMUNYA	WA	YBRY/AD	BENDIGO	VIC	YBDG/AD
BARKLY DOWNS	QLD	YBAW/ALA	BENDIGO HOSPITAL	VIC	YXBE/HLS
BARKLY HOMESTEAD	NT	YBKS/ALA	BENING FIELD	QLD	YBEG/ALA
BARMERA	SA	YBMR/HLS	BENMARA	NT	YBNM/ALA
BARMOUNT	QLD	YBMU/ALA	BENTINCK ISLAND	QLD	YBTK/ALA
BAROSSA	OTH	YBSA/HLS	BERESFORD	QLD	YBSF/ALA
BARRABA	NSW	YBBA/ALA	BERMAGUI	NSW	YBMG/HLS
BARRACOUTA PLATFORM	VIC	YUTA/HLS	BERRI	SA	YBRI/HLS
BARRARATJPI	NT	YBJP/ALA	BERRIDALE	NSW	YBED/ALA
BARRKIRA	NT	YRIA/ALA	BESSIE SPRINGS	NT	YBSN/ALA
BARRONUP	QLD	YBNP/HLS	BETOOTA	QLD	YBEO/ALA
BARROW CREEK	NT	YBRC/ALA	BEULAH	VIC	YBEU/ALA
BARROW ISLAND	WA	YBWX/AD	BEVERLEY (WA)	WA	YBEV/ALA
BARTON SIDING	SA	YBTN/ALA	BEVERLEY MINE	SA	YBEE/ALA
BARWON FIELD	VIC	YGBF/ALA	BHD SUPPLY MOBILE RIG	WA	BHD/HLS
BARWON HEADS/GEELONG	VIC	YBRS/ALA	BICHENO MEDICAL	TAS	YXBF/HLS
BARYULGIL	NSW	YBYL/ALA	BICKERTON ISLAND	NT	YBIC/ALA
BATAVIA DOWNS	QLD	YBTV/ALA	BIGGENDEN	QLD	YBIN/ALA
BATCHELOR	NT	YBCR/ALA	BIGGENDEN HOSPITAL	QLD	YXBI/HLS
BATHURST	NSW	YBTH/AD	BILLA KALINA	SA	YBIK/ALA
BATHURST HARBOUR	TAS	YBHB/ALA	BILLABALONG	WA	YBBL/ALA
BATHURST HOSPITAL	NSW	YXBH/HLS	BILLABONG HOUSE	QLD	YBNH/HLS
BATHURST ISLAND	NT	YBTI/AD	BILLABONG ROAD HOUSE	WA	YBLB/ALA
BATMAN PARK HELIPORT	VIC	YBPK/HLS	BILLABONG STN	NSW	YBST/ALA
BATTLE CAMP STN	QLD	YBTP/ALA	BILLILUNA	WA	YBIL/ALA
BAYGURTJI	NT	YBAY/ALA	BILOELA	QLD	YBLE/ALA
BAYSWATER	QLD	YBYW/ALA	BILOELA HOSPITAL	QLD	YXBZ/HLS
BAYU UNDAN	WA	YBYU/HLS	BINDOON	WA	YBOO/ALA
BAYU UNDAN WHP	WA	YWPB/HLS	BINDOON HILL	WA	YBHL/ALA

LOCATION	STATE	CODE
BING BONG	NT	YBIG/ALA
BINGARA MEDICAL	NSW	YXIG/HLS
BINGIL BAY AIRFIELD	QLD	YBBY/ALA
BIRANYBIRANY	NT	YBIY/ALA
BIRCHIP	VIC	YBIR/AD
BIRDSVILLE	QLD	YBDV/AD
BIRRI BEACH	QLD	YBBH/ALA
BIRRINDUDU	NT	YBDU/ALA
BIRTHDAY SIDING	SA	YBDS/ALA
BLACK DOWNS STN	QLD	YBKD/ALA
BLACK TIP WHP	WA	YBCT/HLS
BLACKALL	QLD	YBCK/AD
BLACKSTONE RANGE	WA	YBSR/ALA
BLACKTOWN HOSPITAL	NSW	YXBL/HLS
BLACKWATER	QLD	YBTR/ALA
BLACKWATER HOSPITAL	QLD	YXKW/HLS
BLACKWOOD	QLD	YBCD/ALA
BLAYNEY MEDICAL	NSW	YXAY/HLS
BLENHEIM	QLD	YBHN/ALA
BLINMAN	SA	YBLM/ALA
BLOOMFIELD	QLD	YBMD/ALA
BLOSSOM BANKS	QLD	YBSM/HLS
BLUE LAGOON	QLD	YBWH/ALA
BLUE MOUNTAINS HOSPITAL	NSW	YXBM/HLS
BLUEWATER PARK	QLD	YBLP/ALA
BOATMAN	QLD	YBOT/ALA
BOBIN MEDICAL	NSW	YXOI/HLS
BOGGABILLA	NSW	YBOL/ALA
BOIGU ISLAND	QLD	YBOI/ALA
BOLLARDS LAGOON	SA	YBLG/ALA
BOLLON	QLD	YBLL/ALA
BOLWARRA	QLD	YBWR/ALA
BOMBALA	NSW	YBOM/ALA
BOMBALA MEDICAL	NSW	YXOM/HLS
BON BON	SA	YBBO/ALA
BOND SPRINGS	NT	YBSP/ALA
BONNEY DOWNS STN	WA	YBYD/ALA
BOOBY ISLAND	QLD	YVND/HLS
BOODGE	WA	YBGE/ALA
BOOLEROO CENTRE	SA	YBOC/ALA
BOOLGEEDA	WA	YBGD/AD
BOOMEY	NSW	YMEY/ALA
BOOMI	NSW	YBMI/ALA
BOONAH	QLD	YBOA/ALA
BOONAH HOSPITAL	QLD	YXBO/HLS
BOORABIN	WA	YBOB/ALA
BOORT	VIC	YBBT/ALA
BOOTU CREEK	NT	YBTU/ALA
BOOYLGOO SPRINGS	WA	YBOY/ALA
BORDER VILLAGE	SA	YBOV/ALA
BORDERTOWN	SA	YBOR/ALA
BORROLOOLA	NT	YBRL/ALA
BOTHWELL MEDICAL	TAS	YXEL/HLS
BOULIA	QLD	YBOU/AD
BOURKE	NSW	YBKE/AD
BOWEN	QLD	YBWN/AD
BOWEN DOWNS	QLD	YBWO/ALA
BOWEN HOSPITAL	QLD	YXBW/HLS
BOWRAL MEDICAL	NSW	YXOW/HLS
BOWRAVILLE MEDICAL	NSW	YXVL/HLS
BOX HILL HOSPITAL	VIC	YXXL/HLS
BOYUP BROOK	WA	YBOP/ALA
BRACADALE STATION	SA	YBDL/ALA
BRADSHAW	NT	YBRD/ALA
BRAIDWOOD (QLD)	QLD	YBDD/ALA
BRAIDWOOD/PERCHERON	NSW	YPER/ALA
BRAMPTON ISLAND	QLD	YBPI/ALA
BRAMWELL STATION	QLD	YBWL/ALA
BREAM A PLATFORM	VIC	YUMA/HLS
BREAM B PLATFORM	VIC	YURB/HLS
BREMER BAY	WA	YBER/ALA
BREMER ISLAND	NT	YBRE/ALA
BRENDLE DOWNS STATION	QLD	YTBH/ALA
BREWARRINA	NSW	YBRW/AD
BREWON	NSW	YEWO/ALA
BRIDGEWATER	VIC	YBGR/ALA
BRIDPORT	TAS	YBDP/ALA
BRIGHTLANDS	QLD	YBTX/ALA
BRIGHTON DOWNS	QLD	YBTD/ALA
BRISBANE	QLD	YBBN/AD
BRISBANE WEST WELLCAMP	QLD	YBWW/AD
BRISBANE/ARCHERFIELD	QLD	YBAF/AD
BROKEN HILL	NSW	YBHI/AD
BRONZEWING	WA	YBWG/ALA
BROOKING SPRINGS HS	WA	YBOS/ALA
BROOKLANDS	WA	YBLD/ALA
BROOKLANDS AIR PARK	SA	YBAK/ALA
BROOKLET/BLUEBERRY FIELDS	NSW	YBBF/ALA
BROOME/INTL	WA	YBRM/AD
BROWN BROTHERS	VIC	YILA/ALA
BROWNS RANGE	WA	YBNR/ALA
BROWSE BASIN	WA	YBRB/HLS
BROWSE ISLAND	WA	YBWS/HLS
BRUCE ROCK	WA	YBRO/ALA
BRUKUNGA/CLAREMONT	SA	YCLB/ALA
BRUNCHILLY STN	NT	YBNY/ALA
BRUNETTE DOWNS	NT	YBRU/ALA
BRUNY ISLAND	TAS	YBYI/ALA
BRYMAROO	QLD	YBYO/HLS
BUCKINGHAM DOWNS	QLD	YBUH/ALA
BUDGERYGAR STN	QLD	YBGT/ALA
BUKADAL	NT	YBKL/ALA
BULGA DOWNS STATION	WA	YBUG/ALA
BULGA SURFACE OPERATIONS	NSW	YBSO/HLS
BULGA UNDERGROUND	NSW	YBGU/HLS
BULGUNNIA	SA	YBUL/ALA
BULIMBA	QLD	YBWM/ALA
BULLA CAMP	NT	YBCA/ALA
BULLAMON PLAINS	QLD	YBPL/ALA
BULLERINGA	QLD	YBUX/ALA
BULLIO	NSW	YBLO/ALA
BULLITA	NT	YBIT/ALA
BULLO RIVER VALLEY	NT	YBVY/ALA
BULLOO DOWNS	QLD	YBUO/ALA

LOCATION	STATE	CODE
BULMAN/DELARA	NT	YDEA/ALA
BULWER/MORETON ISLAND	QLD	YXBU/HLS
BUNBURY	WA	YBUN/AD
BUNDABERG	QLD	YBUD/AD
BUNDABERG HOSPITAL	QLD	YXBD/HLS
BUNDOORA/AQUILA MINE	QLD	YAQM/HLS
BUNDOORA/GRASSTREE MINE	QLD	YGTM/HLS
BUNYAN	NSW	YBUY/ALA
BURDEKIN WILDERNESS LODGE	QLD	YBWI/ALA
BURKE AND WILLS	QLD	YBKW/ALA
BURKETOWN	QLD	YBKT/AD
BURNIE	TAS	YBUI/HLS
BURRA	SA	YURR/HLS
BURREN JUNCTION	NSW	YBRJ/ALA
BURRUM	NT	YBUR/ALA
BUSHY PARK	QLD	YBHK/ALA
BUSSELTON	WA	YBLN/AD
BUTHEROO STN	NSW	YBUT/ALA
BUTTABONE	NSW	YBTT/ALA
BUYMARR	NT	YBYM/ALA
CABOOLTURE	QLD	YCAB/ALA
CABOOLTURE HOSPITAL	QLD	YXLT/HLS
CADJEBUT	WA	YCAJ/ALA
CADNEY HOMESTEAD	SA	YCDH/ALA
CAIGUNA	WA	YCAG/ALA
CAIRNS HOSPITAL	QLD	YCBH/HLS
CAIRNS/CAIRNS INTL	QLD	YBCS/AD
CALDERVALE STN	QLD	YCDV/ALA
CALLINGTON	SA	YCTO/ALA
CALLION	WA	YCAI/ALA
CALOUNDRA	QLD	YCDR/ALA
CALOUNDRA HOSPITAL	QLD	YXOU/HLS
CALTON HILLS	QLD	YCTS/ALA
CALVARY HOSPITAL	ACT	YXCY/HLS
CALVERT HILLS	NT	YCVH/ALA
CALVIN GROVE	SA	YCVG/ALA
CAMBALLIN	WA	YCBL/ALA
CAMBERWELL MEDICAL	NSW	YXRW/HLS
CAMBOOYA	QLD	YCMB/ALA
CAMDEN	NSW	YSCN/AD
CAMDEN HAVEN	NSW	YCMH/ALA
CAMEL CREEK	QLD	YCMK/ALA
CAMFIELD STN	NT	YCFD/ALA
CAMOOWEAL	QLD	YCMW/AD
CAMP ENGSTROM WOOLSHED	QLD	YCSW/ALA
CAMPBELLTOWN HOSPITAL	NSW	YXCP/HLS
CANBERRA	ACT	YSCB/AD
CANBERRA HOSPITAL	ACT	YXCB/HLS
CANNINGTON STN	QLD	YCAM/ALA
CANNON HILL COMMUNITY	NT	YCAN/ALA
CANOBIE	QLD	YCBE/ALA
CANOPUS PARK	QLD	YCPS/ALA
CANOWINDRA MEDICAL	NSW	YXAO/HLS
CANTEEN CREEK	NT	YCCK/ALA
CAPE BARREN ISLAND	TAS	YCBN/ALA
CAPE DON	NT	YCPD/ALA
CAPE FLATTERY	QLD	YCFL/ALA
CAPE LAMBERT	WA	YCPL/HLS
CAPE LEVEQUE	WA	YCLQ/ALA
CAPE PRESTON	WA	YCPR/AD
CAPE SHIELD (DJARRAKPI)	NT	YCHI/ALA
CAPEL	WA	YCAP/ALA
CAPELLA	QLD	YCEL/ALA
CARANDOTTA	QLD	YCDT/ALA
CARAVONICA	QLD	YCAV/HLS
CARCUMA/CARCORY STATION	SA	YCST/ALA
CARDOWAN	QLD	YCDA/ALA
CARDWELL/DALLACHY	QLD	YCDW/ALA
CARINA DOWNS	QLD	YCRS/ALA
CARINDA	NSW	YCRA/ALA
CARLTON HILL	WA	YCIL/ALA
CARNAMAH	WA	YCNH/ALA
CARNARVON	WA	YCAR/AD
CARNEGIE HS	WA	YCGI/ALA
CAROSUE DAM	WA	YSCD/AD
CARPENTARIA DOWNS	QLD	YCPN/ALA
CARRAPATEENA	SA	YCPT/AD
CARRARA	QLD	YCAX/HLS
CARRIETON	SA	YCRT/ALA
CASEY SKIWAY	OTH	YCSK/ALA
CASEY STATION	OTH	YCAY/HLS
CASHMERE DOWNS STN	WA	YCHE/ALA
CASINO	NSW	YCAS/ALA
CASSILIS	QLD	YCSI/ALA
CASTERTON	VIC	YCTN/ALA
CASTLEMAINE	VIC	YCAL/ALA
CEDAR MEDICAL	NSW	YXCR/HLS
CEDARS PARK	QLD	YCED/ALA
CEDUNA	SA	YCDU/AD
CENTURY MINE	QLD	YCNY/AD
CERES	VIC	YCES/ALA
CERVANTES	WA	YCVS/ALA
CESSNOCK	NSW	YCNK/AD
CHADWICK	SA	YCHD/ALA
CHALLENGER	SA	YCGR/ALA
CHALLENGER SURVEY SHIP	WA	YCHN/HLS
CHANNEL PT	NT	YCNP/ALA
CHARLES DARWIN	NT	YCDP/HLS
CHARLEVILLE	QLD	YBCV/AD
CHARLIE ONE	WA	YCLN/HLS
CHARLOTTE PLAINS	QLD	YCHA/ALA
CHARLTON	VIC	YCHL/ALA
CHARLTON HOSPITAL	VIC	YXHC/HLS
CHARNLEY RIVER	WA	YCYR/ALA
CHARTERS TOWERS	QLD	YCHT/AD
CHARTERS TOWERS HOSPITAL	QLD	YXHT/HLS
CHATSWORTH STATION	QLD	YCTH/ALA
CHEEPIE	QLD	YCPI/ALA
CHERBOURG HOSPITAL	QLD	YXCH/HLS
CHERRABAH	QLD	YCHB/ALA
CHERRY GARDENS	SA	YSCC/ALA
CHESTERFIELD	QLD	YCHQ/ALA

LOCATION	STATE	CODE
CHEVIOT HILLS	QLD	YCHS/ALA
CHILDERS	QLD	YCDS/ALA
CHILLAGOE	QLD	YCGO/AD
CHINCHILLA	QLD	YCCA/AD
CHINCHILLA HOSPITAL	QLD	YXCI/HLS
CHRISTMAS CREEK	WA	YCHK/AD
CHRISTMAS ISLAND	OTH	YPXM/AD
CHUULANGUN	QLD	YCHU/ALA
CLARA CREEK/DUNGOWAN	QLD	YDUG/ALA
CLARAVALE	NT	YCLV/ALA
CLARE	SA	YCLA/HLS
CLARE VALLEY	SA	YCVA/ALA
CLARKE ISLAND	TAS	YCKD/ALA
CLERMONT	QLD	YCMT/AD
CLERMONT HOSPITAL	QLD	YXCT/HLS
CLEVE	SA	YCEE/AD
CLIFTON	QLD	YCFN/ALA
CLIFTON HILLS	SA	YCFH/ALA
CLONCURRY	QLD	YCCY/AD
CLONCURRY HOSPITAL	QLD	YXCS/HLS
CLUNY	QLD	YUNY/ALA
COALLING EAST	WA	YCOA/ALA
COBAR	NSW	YCBA/AD
COBDEN	VIC	YCDE/ALA
COBIA PLATFORM	VIC	YUBX/HLS
COBRAM	VIC	YCBM/HLS
COCKATOO ISLAND	WA	YCTI/ALA
COCKLEBIDDY	WA	YCKY/ALA
COCONUT ISLAND	QLD	YCCT/ALA
COCOS (KEELING) ISLANDS	OTH	YPCC/AD
COEN	QLD	YCOE/AD
COEN TOWN	QLD	YCTP/ALA
COFFIN BAY	SA	YCOF/ALA
COFFS HARBOUR	NSW	YCFS/AD
COFFS HARBOUR HOSPITAL	NSW	YXOF/HLS
COHUNA	VIC	YCOH/ALA
COHUNA HOSPITAL	VIC	YXOA/HLS
COLAC	VIC	YOLA/ALA
COLANYA	QLD	YCOL/ALA
COLDSTREAM	VIC	YCEM/ALA
COLEAMBALLY	NSW	YCLY/ALA
COLLARENEBRI	NSW	YCBR/ALA
COLLARENEBRI HOSPITAL	NSW	YXCL/HLS
COLLIE	WA	YCOI/ALA
COLLINGULLIE MEDICAL	NSW	YXIL/HLS
COLLINS ISLAND	QLD	YCII/ALA
COLLINS LOWER TULLY	QLD	YCLT/ALA
COLLINSVILLE	QLD	YCSV/ALA
COLLINSVILLE HOSPITAL	QLD	YXCV/HLS
COLLYMONGLE	NSW	YCLM/ALA
COLONSAY	QLD	YCLS/ALA
COLUMBINE MEDICAL	NSW	YXUB/HLS
COME BY CHANCE	NSW	YCBC/ALA
COMMANCHE	QLD	YCMC/ALA
COMMODORE	SA	YCMD/ALA
COMMONWEALTH HILL	SA	YCWH/ALA
COMPRESSOR STN 1	WA	YCSD/ALA
COMPRESSOR STN 2	WA	YCSE/ALA
COMPRESSOR STN 3	WA	YCSA/ALA
COMPRESSOR STN 4	WA	YCSF/ALA
COMPRESSOR STN 5	WA	YCSB/ALA
COMPRESSOR STN 6	WA	YCSC/ALA
CONCORD HOSPITAL	NSW	YXCC/HLS
CONDOBOLIN	NSW	YCDO/AD
CONDOBOLIN MEDICAL	NSW	YXOL/HLS
CONJUBOY	QLD	YCJU/ALA
CONNELLANS WILDMAN LAGOON CAMP	NT	YCWC/ALA
CONSUELO	QLD	YCSL/ALA
COOBER PEDY	SA	YCBP/AD
COOINDA	NT	YCOO/ALA
COOK	SA	YOOK/ALA
COOKTOWN	QLD	YCKN/AD
COOKTOWN HEALTH SERVICE	QLD	YXCO/HLS
COOLAH	NSW	YCAH/ALA
COOLAH HOSPITAL	NSW	YXOH/HLS
COOLAMON MEDICAL	NSW	YXLN/HLS
COOLATAI	NSW	YCTA/ALA
COOLAWANYAH STN	WA	YCWY/ALA
COOLGARDIE	WA	YCLG/ALA
COOLULLAH	QLD	YCLH/ALA
COOMA - POLO FLAT	NSW	YPFT/ALA
COOMA - SNOWY MOUNTAINS	NSW	YCOM/AD
COOMA HOSPITAL	NSW	YXCM/HLS
COOMALIE CREEK	NT	YCCR/ALA
COOMBING PARK	NSW	YCPK/ALA
COOMINYA	QLD	YBCM/ALA
COONABARABRAN	NSW	YCBB/AD
COONABARABRAN HOSPITAL	NSW	YXAB/HLS
COONALPYN	SA	YCYN/HLS
COONAMBLE	NSW	YCNM/AD
COONAMBLE MEDICAL	NSW	YXON/HLS
COONANA	WA	YCNN/ALA
COONAWARRA	SA	YCNQ/ALA
COONDAMBO	SA	YCDB/ALA
COONDEWANNA	WA	YCWA/AD
COORABIE	SA	YCRB/ALA
COORANGA	SA	YCNG/ALA
COOTAMUNDRA	NSW	YCTM/AD
COOTAMUNDRA HOSPITAL	NSW	YXOO/HLS
COPPERLODE DAM	QLD	YCLD/HLS
CORAL BAY	WA	YCOY/ALA
CORDILLO DOWNS	SA	YCOD/ALA
CORELLA PARK	QLD	YCRP/ALA
CORFIELD	QLD	YCFE/ALA
CORK TREE WELL	WA	YCTW/ALA
CORMORANT	QLD	YCOT/ALA
CORNY PT	SA	YCOP/HLS
COROWA	NSW	YCOR/AD
COROWA DOWNS	QLD	YCWN/ALA
CORRIGIN	WA	YCIG/ALA
CORRYONG	VIC	YCRG/AD
COSMO NEWBERRY	WA	YCOS/ALA
COTTAGE POINT	NSW	YCGP/ALA
COTTEN CREEK	WA	YCTC/ALA
COW BAY	QLD	YCBY/HLS

LOCATION	STATE	CODE
COWARIE	SA	YCWI/ALA
COWELL	SA	YCWL/ALA
COWES	VIC	YCWS/HLS
COWL COWL	NSW	YCLO/ALA
COWRA	NSW	YCWR/AD
COWRA HOSPITAL	NSW	YXCW/HLS
COYOTE MINE	WA	YCYE/ALA
CRADLE MOUNTAIN	TAS	YCRM/HLS
CRAIG'S POCKET	QLD	YCIP/ALA
CRANBOURN	TAS	YCRN/ALA
CRAVEN MEDICAL	NSW	YXAV/HLS
CRAVENS PEAK	QLD	YCVK/ALA
CRESSY	VIC	YCRE/ALA
CROKER ISLAND	NT	YCKI/AD
CROOKWELL	NSW	YCRL/ALA
CROOKWELL RFS	NSW	YXOK/HLS
CROSSMORE	QLD	YCSM/ALA
CROWN TOWERS HELIPORT	WA	YCRO/HLS
CROWS NEST	QLD	YCNT/HLS
CROYDON	QLD	YCRY/ALA
CRUX PLATFORM	OTH	YCRX/HLS
CRYSTAL BROOK	QLD	YCYT/ALA
CRYSTAL VALE	QLD	YCYV/ALA
CUDAL MEDICAL	NSW	YXUD/HLS
CUDDAPAN	QLD	YCUD/ALA
CUE	WA	YCUE/AD
CUMMINS TOWN	SA	YCMM/ALA
CUNDERDIN	WA	YCUN/AD
CUNGELELLA	QLD	YCGL/ALA
CUNNAMULLA	QLD	YCMU/AD
CUNNINGHAMS GAP	QLD	YXCU/HLS
CURRAWILLA HS	QLD	YCUW/ALA
CURTIN	WA	YCIN/AD
CURTIN SPRINGS	NT	YCSP/ALA
CURTIS ISLAND/QCLNG	QLD	YQCI/HLS
DAGWORTH	QLD	YDAG/ALA
DAIRY CREEK HS	WA	YDRC/ALA
DAJARRA	QLD	YDAJ/ALA
DALBEG	QLD	YDBG/ALA
DALBY	QLD	YDAY/ALA
DALBY HOSPITAL	QLD	YXDA/HLS
DALE RIVER	WA	YDVE/ALA
DALGARANGA MINE	WA	YDGA/AD
DALGARANGA STN	WA	YDGR/ALA
DALGETY DOWNS STN	WA	YDGT/ALA
DALGONALLY	QLD	YDAL/ALA
DALHOUSIE	SA	YDLH/ALA
DALKEITH	QLD	YDKH/ALA
DALWALLINU	WA	YDWU/ALA
DALY RIVER MISSION	NT	YDMN/ALA
DALY WATERS	NT	YDLW/ALA
DAMPER CREEK	QLD	YDAM/HLS
DAMPIER PENINSULA/ CYGNET BAY	WA	YCYG/ALA
DARLINGTON	TAS	YDAR/ALA
DARLOT	WA	YDLO/ALA
DARNLEY ISLAND	QLD	YDNI/ALA
DARR RIVER DOWNS	QLD	YDRE/ALA
DARRAWEIT	VIC	YDSA/ALA
DARWIN	NT	YPDN/AD
DAUAN ISLAND	QLD	YDAI/HLS
DAVENPORT DOWNS	QLD	YDPD/ALA
DAVIS PLATEAU SKIWAY	OTH	YDAV/ALA
DAVIS SEA ICE SKIWAY	OTH	YDSI/ALA
DAVIS STATION	OTH	YDSN/HLS
DAY DREAM ISLAND	QLD	YDDI/HLS
DE GREY HS	WA	YDGY/ALA
DE ROSE HILL	SA	YDRL/ALA
DEEP WATER POINT	WA	YDWP/ALA
DEEP WELL	NT	YDPW/ALA
DEER PARK	NSW	YDPA/ALA
DEGRUSSA	WA	YDGU/AD
DELAMERE RANGE FACILITY	NT	YDWF/AD
DELAMERE STN	NT	YDMR/ALA
DELEGATE	NSW	YDEG/ALA
DELISSAVILLE	NT	YDLV/ALA
DELMORE DOWNS	NT	YDLD/ALA
DELTA DOWNS	QLD	YDLT/ALA
DENABLING	WA	YDBL/ALA
DENILIQUIN	NSW	YDLQ/AD
DENMAN	NSW	YDEN/ALA
DENMAN HOSPITAL	NSW	YXDE/HLS
DENMARK	WA	YDEK/ALA
DEPOT OUTCAMP	WA	YDPT/ALA
DERBY	WA	YDBY/AD
DERBY MEDICAL	TAS	YXDM/HLS
DERRINALLUM	VIC	YDER/ALA
DERWENT BRIDGE	TAS	YDRW/HLS
DEVIL CREEK	WA	YDVC/HLS
DEVONCOURT	QLD	YDEV/ALA
DEVONPORT	TAS	YDPO/AD
DEXFIELD PARK	NSW	YDFD/ALA
DHALINYBUY	NT	YDHL/ALA
DHIPIRRI	NT	YDHI/ALA
DHURUPUTJPI	NT	YDHP/ALA
DIEMAL FIND	WA	YDMF/ALA
DIG TREE	QLD	YDIG/ALA
DIMBULAH	QLD	YDIM/ALA
DINAH ISLAND	QLD	YDIN/ALA
DINGADEE	QLD	YDNG/ALA
DIRK HARTOG ISLAND	WA	YDHD/ALA
DIRRANBANDI	QLD	YDBI/AD
DIXALEA/MCMASTER FIELD	QLD	YMMD/ALA
DIXIE	QLD	YDIX/ALA
DJARINDJIN/LOMBADINA	WA	YLBD/AD
DOCHRA	NSW	YDOC/ALA
DOCKER RIVER	NT	YDVR/ALA
DOLPHIN PLATFORM	VIC	YUPA/HLS
DONALD	VIC	YDOD/AD
DONGARA	WA	YDRA/ALA
DONNINGTON AIRPARK	QLD	YDOP/ALA
DONORS HILL	QLD	YDOO/ALA
DONYDJI	NT	YDHJ/ALA
DOOLOOGARAH	QLD	YDLG/ALA
DOOMADGEE	QLD	YDMG/AD
DOONGAN	WA	YDGN/ALA

LOCATION	STATE	CODE
DOONGMABULLA	QLD	YDNB/ALA
DORISVALE	NT	YDSV/ALA
DORRIGO MEDICAL	NSW	YXDG/HLS
DORUNDA STATION	QLD	YDOR/ALA
DOTSWOOD	QLD	YDOT/ALA
DOUGLAS DALY	NT	YDDY/ALA
DOVER MEDICAL	TAS	YXDV/HLS
DOWERIN	WA	YDON/ALA
DOYLES MEDICAL	NSW	YXDO/HLS
DROUIN	VIC	YDRN/ALA
DRUMDUFF STATION	QLD	YDDF/ALA
DRUMLION	QLD	YDLN/ALA
DRY RIVER	QLD	YDRV/ALA
DRYSDALE RIVER	WA	YDRD/ALA
DUARINGA	QLD	YDRG/ALA
DUBBO	NSW	YSDU/AD
DUBBO HOSPITAL	NSW	YXDB/HLS
DUBBO/WINGS OUT WEST	NSW	YWOW/ALA
DUKETON	WA	YDUK/ALA
DUKETON GOLD	WA	YDKG/AD
DULACCA	QLD	YDLC/ALA
DULKANINNA	SA	YDLK/ALA
DULLINGARI	SA	YDGI/ALA
DUM IN MIRRIE ISLAND	NT	YDII/ALA
DUMBLEYUNG	WA	YDUM/ALA
DUNBAR	QLD	YDBR/ALA
DUNDEE PARK	QLD	YDDP/ALA
DUNEDOO HOSPITAL	NSW	YXDN/HLS
DUNK ISLAND	QLD	YDKI/ALA
DUNMORE/OPAL CREEK	QLD	YAOC/ALA
DUNWICH	QLD	YDUN/ALA
DUNWICH HOSPITAL	QLD	YXDU/HLS
DUPUWARRMIRRI	NT	YDUP/ALA
DURHAM DOWNS	QLD	YDRH/ALA
DURRIE	QLD	YDRI/ALA
DWELLINGUP	WA	YDWG/ALA
DYKE POINT	NSW	YDYP/HLS
DYNEVOR DOWNS	QLD	YDNV/ALA
DYSART	QLD	YDYS/ALA
DYSART HOSPITAL	QLD	YXDY/HLS
EAGLEHAWK NECK MEDICAL	TAS	YXEA/HLS
EARAHEEDY	WA	YERH/ALA
EAST INTERCOURSE	WA	YEII/HLS
EAST JAURDI	WA	YEJI/AD
EAST RIDGE MEDICAL	NSW	YXET/HLS
EAST SALE	VIC	YMES/AD
EAST VIEW	TAS	YEVW/ALA
EAST WALLABI ISLAND	WA	YEWI/ALA
EASTERN CREEK	NSW	YECK/HLS
ECHUCA	VIC	YECH/AD
ECHUNGA	SA	YECU/HLS
ECO BEACH	WA	YECB/ALA
EDEN MEDICAL	NSW	YXEM/HLS
EDENHOPE	VIC	YEDE/ALA
EDINBURGH	SA	YPED/AD
EDITHBURGH	SA	YEDB/ALA
EDMUND STN	WA	YEDM/ALA
EIDSVOLD	QLD	YESD/ALA
EIDSVOLD HOSPITAL	QLD	YXEI/HLS
EIGHT MILE CREEK	WA	YEMC/ALA
EINASLEIGH	QLD	YEIN/ALA
EL QUESTRO	WA	YEQO/ALA
EL SHARANA	NT	YESH/ALA
ELCHO ISLAND	NT	YELD/AD
ELDERSLIE	NSW	YEES/ALA
ELEANOR DOWNS	SA	YEDW/ALA
ELGIN DOWNS	QLD	YEGS/ALA
ELIWANA	WA	YEWA/AD
ELIZABETH DOWNS STATION	NT	YELZ/ALA
ELIZABETH QUAY	WA	YEQY/ALA
ELKEDRA	NT	YELK/ALA
ELLENDALE STN	WA	YELA/ALA
ELLENSBROOK VINEYARD	WA	YEBV/ALA
ELLERSTON	NSW	YESN/HLS
ELLERSTON MEDICAL	NSW	YXER/HLS
ELLIOTT	NT	YELL/ALA
ELLISTON	SA	YELN/ALA
ELMORE	VIC	YELM/ALA
ELROSE	QLD	YESE/ALA
EMERALD	QLD	YEML/AD
EMKAYTEE	NT	YMKT/ALA
EMU PARK	QLD	YEMP/ALA
EMU POINT	NT	YEPT/ALA
EMU SPRINGS	NT	YEMU/ALA
ENEABBA	WA	YEEB/ALA
ENOGGERA HELIPORT	QLD	YENO/HLS
EPENARRA	NT	YEPR/ALA
EPIC ENERGY FIVE	SA	YEPE/ALA
EPIC ENERGY FOUR	SA	YEPD/ALA
EPIC ENERGY ONE	SA	YEPA/ALA
EPIC ENERGY THREE	SA	YEPC/ALA
EPIC ENERGY TWO	SA	YEPB/ALA
EPSILON	QLD	YEPL/ALA
ERINA HELIPORT	NSW	YEHP/HLS
ERINGOARRAH	NSW	YERI/ALA
ERLDUNDA	NT	YERL/ALA
ERNABELLA	SA	YERN/ALA
ERNESTINA PLAINS	QLD	YERS/ALA
EROMANGA	QLD	YEMG/ALA
ERONG STN	WA	YERO/ALA
ERRABIDDY HS	WA	YERA/ALA
ERUDINA	SA	YERU/ALA
ESK HOSPITAL	QLD	YXES/HLS
ESPERANCE	WA	YESP/AD
ETADUNNA	SA	YEDA/ALA
EUABALONG	NSW	YEAB/ALA
EUCHAREENA	NSW	YEUC/ALA
EUCLA	WA	YECL/ALA
EUDAMULLA STN	WA	YEUD/ALA
EUDUNDA	SA	YEDD/HLS
EULO	QLD	YEUO/ALA
EURELLA STATION	QLD	YEUL/ALA
EUROA	VIC	YEUA/ALA
EUROKA SPRINGS	QLD	YEUK/ALA
EVA DOWNS	NT	YEVA/ALA
EVA VALLEY	NT	YEVV/ALA

LOCATION	STATE	CODE
EVANS HEAD	NSW	YEVD/ALA
EVELYN DOWNS	SA	YEYD/ALA
EVERARD PARK/MIMILI	SA	YEVP/ALA
EVESHAM	QLD	YEVM/ALA
EXMOUTH	WA	YEXM/ALA
FACING ISLAND	QLD	YFLD/HLS
FAIRLIGHT	QLD	YFLT/ALA
FAIRY BOWER	NSW	YFBR/ALA
FALLS CREEK	VIC	YFLK/HLS
FARAWAY BAY	WA	YFWY/ALA
FARNSFIELD	QLD	YFAR/ALA
FEDERATION	NSW	YFDN/ALA
FINCH HATTON	QLD	YFHA/ALA
FINKE	NT	YFNE/ALA
FIONA STANLEY HOSPITAL	WA	YXFH/HLS
FISHER	NT	YFSR/ALA
FITZROY CROSSING	WA	YFTZ/AD
FLETCHERVIEW	QLD	YFLV/ALA
FLINDERS ISLAND	TAS	YFLI/AD
FLINDERS ISLAND	SA	YFLS/ALA
FLINDERS MEDICAL CENTRE	SA	YXFM/HLS
FLINDERS NAVAL DEPOT	VIC	YFND/HLS
FLORA VALLEY	WA	YFLO/ALA
FLOUNDER PLATFORM	VIC	YULX/HLS
FORBES	NSW	YFBS/AD
FORBES HOSPITAL	NSW	YXFO/HLS
FOREST RIVER MISSION	WA	YFRV/ALA
FOREST VALE	QLD	YFRS/ALA
FORREST	WA	YFRT/AD
FORRESTANIA	WA	YFTA/AD
FORSAYTH	QLD	YFSA/ALA
FORT CONSTANTINE	QLD	YFCN/ALA
FORT COOPER	QLD	YFTC/ALA
FORTESCUE DAVE FORREST	WA	YFDF/AD
FORTESQUE PLATFORM	VIC	YUSU/HLS
FORTNUM	WA	YFOR/ALA
FOSSIL DOWNS STATION	WA	YFOS/ALA
FOSTER	VIC	YFTR/HLS
FRANKLAND VALLEY	WA	YFRK/ALA
FRANKSTON HOSPITAL	VIC	YXFR/HLS
FREGON	SA	YFRG/ALA
FREMANTLE HELIPORT	WA	YFTL/HLS
FRESHWATER VALLEY	QLD	YFWV/HLS
FREYCINET PENINSULA MEDICAL	TAS	YXFP/HLS
FRIENDLY BEACHES	TAS	YFRI/ALA
FROGS HOLLOW	NSW	YFGS/ALA
FROME DOWNS	SA	YFRD/ALA
FSO LIBERDADE	WA	YLIB/HLS
GABO ISLAND	VIC	YGBO/ALA
GALLIPOLI	NT	YGLP/ALA
GALWAY DOWNS	QLD	YGWD/ALA
GAMBOOLA	QLD	YGAM/ALA
GAMURRUGUYURRU	NT	YGMG/ALA
GAN GAN	NT	YGAN/ALA
GARDEN ISLAND HELIPORT	WA	YGAD/HLS
GARDEN POINT	NT	YGPT/AD
GARMARRGAWON	NT	YGMW/ALA
GARMEDI	NT	YGAI/ALA
GARRATHALA	NT	YGTA/ALA
GARRYAK	NT	YGRK/ALA
GASCOYNE JUNCTION	WA	YGSC/ALA
GATTON AIRPARK	QLD	YGAS/ALA
GATTON HOSPITAL	QLD	YXGA/HLS
GAWA	NT	YGAA/ALA
GAWLER	SA	YGAW/ALA
GAYNDAH	QLD	YGAY/AD
GAYNDAH HOSPITAL	QLD	YXGI/HLS
GEEBUNG	WA	YGEE/ALA
GEELONG HOSPITAL	VIC	YGEH/HLS
GEORGE TOWN (TAS)	TAS	YGTO/ALA
GEORGETOWN (QLD)	QLD	YGTN/AD
GERALDTON	WA	YGEL/AD
GIBB RIVER	WA	YGIB/ALA
GIDGEE	WA	YGID/ALA
GIFFORD CREEK STN	WA	YGIF/ALA
GILBERTON STATION	QLD	YGBS/ALA
GILES	WA	YGLS/ALA
GILGANDRA	NSW	YGIL/ALA
GILGANDRA HOSPITAL	NSW	YXGR/HLS
GINBATA	WA	YGIA/AD
GINDALBIE HS	WA	YGDL/ALA
GINGIN	WA	YGIG/AD
GIRALIA	WA	YGIR/ALA
GISBORNE	VIC	YGIS/HLS
GLADEVALE HS	QLD	YGDV/ALA
GLADSTONE	QLD	YGLA/AD
GLADSTONE HOSPITAL	QLD	YXDT/HLS
GLADSTONE/PLAYSTATION	NSW	YPLS/ALA
GLEN GARLAND STATION	QLD	YGGL/ALA
GLEN HARDING	QLD	YGHG/HLS
GLEN HELEN	NT	YGLH/ALA
GLEN INNES	NSW	YGLI/AD
GLEN INNES MEDICAL	NSW	YXGE/HLS
GLEN PRARIE	QLD	YGPE/ALA
GLEN RUTH	QLD	YGRU/ALA
GLENAMPLE HELIPORT	VIC	YGHP/HLS
GLENBROOK HLS	NSW	YGBK/HLS
GLENBROOK NPWS	NSW	YGLK/HLS
GLENCOE	NSW	YGLC/ALA
GLENDAMBO	SA	YGLD/ALA
GLENDEVIE	TAS	YGVE/ALA
GLENGYLE	QLD	YGLE/ALA
GLENORE	QLD	YGNR/ALA
GLENORMISTON	QLD	YGLO/ALA
GLENREAGH MEDICAL	NSW	YXGG/HLS
GLENROY ESTATE	SA	YGLN/ALA
GLENROY STN	WA	YGLR/ALA
GLOUCESTER	NSW	YGCR/ALA
GLOUCESTER MEDICAL	NSW	YXGC/HLS
GNARWARRE	VIC	YGNE/ALA
GNOWANGERUP	WA	YGNW/AD
GOLD COAST	QLD	YBCG/AD
GOLD COAST HELITOURS	QLD	YGHT/HLS
GOLD COAST UNIVERSITY HOSPITAL	QLD	YXHG/HLS

LOCATION	STATE	CODE
GOLDEN GROVE	WA	YGGE/AD
GOLDFIELDS/LOLOMA	QLD	YGOD/HLS
GOODOOGA	NSW	YGDA/AD
GOODWYN PLATFORM	WA	YGWN/HLS
GOOLGOWI	NSW	YGGI/ALA
GOOLWA	SA	YGWA/ALA
GOOMALLING	WA	YGOM/ALA
GOONDIWINDI	QLD	YGDI/AD
GOONDIWINDI HOSPITAL	QLD	YXGO/HLS
GOONOO FEEDLOT	QLD	YGNO/ALA
GOONOO GOONOO HS	NSW	YGGO/ALA
GOONOO GOONOO MEDICAL	NSW	YXGN/HLS
GORDON	QLD	YGRN/ALA
GORDON DOWNS	WA	YGDN/ALA
GORE/ROOAROO	QLD	YGRO/ALA
GORRIE	NT	YGOR/ALA
GOSFORD HOSPITAL	NSW	YXGS/HLS
GOULBURN	NSW	YGLB/AD
GOULBURN HOSPITAL	NSW	YXGH/HLS
GOVE	NT	YPGV/AD
GRAFTON	NSW	YGFN/AD
GRAFTON HOSPITAL	NSW	YXGP/HLS
GRAMPIANS	VIC	YGMP/ALA
GRANADA STATION	QLD	YGNA/ALA
GRANITE PEAK	WA	YGRP/ALA
GREAT LAKES AIRFIELD	VIC	YGRL/ALA
GREEN ISLAND (CAIRNS)	QLD	YGNI/HLS
GREENMOUNT	QLD	YGMT/ALA
GREENVALE	QLD	YGNV/ALA
GREGORY DOWNS	QLD	YGDS/ALA
GREGORY SPRINGS	QLD	YGGS/ALA
GRENFELL MEDICAL	NSW	YXGL/HLS
GREYMARE/MOUNTAIN STATION	QLD	YGMS/ALA
GRIFFITH	NSW	YGTH/AD
GROOTE EYLANDT	NT	YGTE/AD
GRUNDY STREET HELIPAD	QLD	YGST/HLS
GRUYERE	WA	YGRM/AD
GUDAI-DARRI MINE	WA	YKDD/AD
GUDJEKBINJ	NT	YGTJ/ALA
GULGONG	NSW	YGGG/ALA
GULGONG HOSPITAL	NSW	YXGT/HLS
GULLEWA	WA	YGUL/ALA
GUMARRIRNBANG	NT	YGUB/ALA
GUNBOWER	VIC	YGBW/ALA
GUNDAGAI MEDICAL	NSW	YXGW/HLS
GUNDAROO	NSW	YGDO/ALA
GUNNAWARRA	QLD	YGUW/ALA
GUNNEDAH	NSW	YGDH/AD
GUNNEDAH HOSPITAL	NSW	YXGU/HLS
GURRUMURRU	NT	YGUM/ALA
GYMPIE	QLD	YGYM/ALA
GYMPIE HOSPITAL	QLD	YXGY/HLS
HAASTS BLUFF	NT	YHAA/ALA
HADDON RIG	NSW	YHRG/ALA
HAHNDORF	SA	YHHN/HLS
HAIG	WA	YHAG/ALA
HALIBUT PLATFORM	VIC	YUAL/HLS
HALL	NSW	YHAL/ALA
HALLS CREEK	WA	YHLC/AD
HAMERSLEY	WA	YHMY/ALA
HAMILTON	VIC	YHML/AD
HAMILTON	SA	YHMT/ALA
HAMILTON ISLAND	QLD	YBHM/AD
HAPPY VALLEY	QLD	YHPY/ALA
HARDEN	NSW	YHAE/ALA
HARRIS CREEK	NT	YHSC/ALA
HARRISMITH	WA	YHAR/ALA
HARTREE	QLD	YHRT/ALA
HARTS RANGE	NT	YHTS/ALA
HASTINGS REEF	QLD	YHSR/HLS
HAWKER	SA	YHAW/ALA
HAY	NSW	YHAY/AD
HAY HOSPITAL	NSW	YXHY/HLS
HAY POINT	QLD	YHPT/HLS
HAYES CREEK	NT	YHAC/ALA
HAYFIELD	NT	YHFD/ALA
HAYMAN ISLAND	QLD	YHYN/HLS
HAZELTON	QLD	YHAZ/ALA
HEADINGLY	QLD	YHDY/ALA
HEATHLANDS	QLD	YHTL/ALA
HECK FIELD	QLD	YHEC/ALA
HEDLOW	QLD	YHEW/ALA
HEIDELBERG WEST HELIPAD	VIC	YHBH/HLS
HELEN SPRINGS	NT	YHLN/ALA
HELENVALE	QLD	YHEL/HLS
HELLS GATE	QLD	YHEG/ALA
HENBURY	NT	YHBY/ALA
HENLEY BROOK	WA	YHLB/HLS
HERBERT DOWNS	QLD	YHBD/ALA
HERBERTON	QLD	YHTN/ALA
HERBERTVALE CATTLEYARD	QLD	YHCS/ALA
HERMANNSBURG	NT	YHMB/ALA
HERON ISLAND	QLD	YHRN/HLS
HERVEY BAY	QLD	YHBA/AD
HERVEY BAY HOSPITAL	QLD	YXHE/HLS
HERVEY RANGE	QLD	YHER/ALA
HEXAM	NSW	YHEH/HLS
HICKS IS	QLD	YHKI/ALA
HIDDEN VALLEY	NT	YHIV/ALA
HIGHBURY STATION	QLD	YHHY/ALA
HIGHLAND FARM	NSW	YHLF/ALA
HILLARYS MARINA HELIPAD	WA	YHMH/HLS
HILLMAN FARM	WA	YHLM/ALA
HILLSIDE	WA	YHIL/ALA
HILLSIDE	QLD	YHLD/ALA
HILLSTON	NSW	YHLS/ALA
HILTABA	SA	YHTA/ALA
HMAS PENGUIN	NSW	YHPG/HLS
HOBART	TAS	YMHB/AD
HOBART/CAMBRIDGE	TAS	YCBG/ALA
HODGSON DOWNS	NT	YHDD/ALA
HODGSON RIVER	NT	YHOV/ALA
HOLBROOK	NSW	YHBK/ALA
HOLBROOK MEDICAL	NSW	YXHB/HLS
HOLLINS BAY	QLD	YHOY/ALA

LOCATION	STATE	CODE
HOLLYWELL	QLD	YHLW/ALA
HOLMWOOD	SA	YMWD/ALA
HOLROYD	QLD	YHOL/ALA
HOLSWORTHY	NSW	YSHW/AD
HOLT STREET JETTY	QLD	YHSJ/HLS
HOME HILL	QLD	YHHL/ALA
HOMEBUSH PARK	NT	YHBP/ALA
HOMESGLEN	VIC	YHGN/ALA
HONEYMOON	SA	YHON/ALA
HOOKER CREEK	NT	YHOO/ALA
HOPETOUN	VIC	YHPN/AD
HOPEVALE	QLD	YHPV/ALA
HORN ISLAND	QLD	YHID/AD
HORNSBY KU-RING-GAI HOSPITAL	NSW	YXHK/HLS
HORSESHOE LIGHTS MINE	WA	YHSL/ALA
HORSHAM	VIC	YHSM/AD
HOWARD ISLAND	NT	YHOA/ALA
HOYLETON	SA	YHYL/ALA
HUCKITTA	NT	YHKT/ALA
HUGH RIVER	NT	YHGR/ALA
HUGHENDEN	QLD	YHUG/AD
HUGHENDEN HOSPITAL	QLD	YXHU/HLS
HUGHES SIDING	SA	YHGS/ALA
HUMBERT RIVER	NT	YHBR/ALA
HUNGERFORD	QLD	YHRD/ALA
HUNT FIELD	SA	YHTF/ALA
HUTTON VALE FARM	SA	YHVF/ALA
HYDEAWAY BAY	QLD	YHAB/ALA
IDRACOWRA STN	NT	YIDR/ALA
IFFLEY	QLD	YIFY/ALA
IFFLEY HS	QLD	YIFF/ALA
ILFRACOMBE	QLD	YILF/ALA
ILKURLKA	WA	YILK/ALA
IMOOYA	QLD	YIMY/ALA
IMPADNA	NT	YIMP/ALA
INDET	QLD	YNDT/HLS
INGELARA	QLD	YING/ALA
INGHAM	QLD	YIGM/ALA
INGHAM HEALTH SERVICE	QLD	YXGM/HLS
INGLEWOOD	QLD	YILW/ALA
INGLEWOOD HOSPITAL	QLD	YXIW/HLS
INGOMAR	SA	YIGR/ALA
INJUNE	QLD	YINJ/ALA
INKERMAN STATION	QLD	YIKM/ALA
INNAMINCKA	SA	YINN/ALA
INNAMINCKA TOWNSHIP	SA	YIMT/ALA
INNISFAIL HOSPITAL	QLD	YXIS/HLS
INNISFAIL/MUNDOO	QLD	YIFL/AD
INTEGRA COAL	NSW	YINT/HLS
INVERELL	NSW	YIVL/AD
INVERELL HOSPITAL	NSW	YXIV/HLS
INVERELL NORTH	NSW	YINO/ALA
INVERLEIGH	QLD	YINV/ALA
INVERLOCH	VIC	YIVE/ALA
INVERWAY	NT	YINW/ALA
IPSWICH HOSPITAL	QLD	YXIP/HLS
IRON BRIDGE MINE	WA	YIBO/AD
IRONBARK MINE	QLD	YIBM/HLS
IRONGATE/FIG TREE	QLD	YFIG/ALA
ISIS DOWNS	QLD	YISD/ALA
ISISFORD	QLD	YISF/ALA
IVANHOE	NSW	YIVO/AD
IVANHOE STN	WA	YIVA/ALA
IVERAGH	QLD	YIVG/ALA
JABIRU	NT	YJAB/AD
JACINTH AMBROSIA	SA	YJAC/AD
JACK MANN OVAL	WA	YJMO/HLS
JAKES FARM	QLD	YJAF/HLS
JAMESON	WA	YJAM/ALA
JAMESTOWN	SA	YJST/ALA
JAMISON PRIVATE HOSPITAL PENRITH	NSW	YXJA/HLS
JANDOWAE HOSPITAL	QLD	YXJN/HLS
JANET DOWNS	QLD	YJNT/ALA
JARRA CREEK	QLD	YJRK/ALA
JDANDBOO FIELD	VIC	YJBO/ALA
JEDBURGH	QLD	YJED/ALA
JEEDAMYA	WA	YJEY/ALA
JERICHO (QLD)	QLD	YJRO/ALA
JERICHO (TAS)	TAS	YJCO/ALA
JERILDERIE	NSW	YJER/ALA
JERRAMUNGUP	WA	YJGP/ALA
JERVIS BAY	NSW	YJBY/AD
JIBALBAL	NT	YJIB/ALA
JIGGALONG MISSION	WA	YJIG/ALA
JIMARDA	NT	YJIR/ALA
JIMBOUR	QLD	YJBR/ALA
JINDABYNE	NSW	YJIN/ALA
JINDABYNE MEDICAL	NSW	YXJD/HLS
JINDALEE	NSW	YJDL/ALA
JINDALEE RECEIVER	WA	YJRX/ALA
JINDALEE TRANSMITTER	WA	YJTX/ALA
JINGALUP	WA	YJIP/ALA
JOHN HUNTER HOSPITAL	NSW	YXJH/HLS
JOHNSON AIRSTRIP	SA	YJOH/ALA
JONROY	QLD	YJNY/ALA
JOYCE PALMER HEALTH SERVICE	QLD	YXPC/HLS
JULIA CREEK	QLD	YJLC/AD
JUNDAH	QLD	YJDA/ALA
JUNDEE	WA	YJUN/AD
JUNEE MEDICAL	NSW	YXJU/HLS
JURIEN BAY	WA	YJUR/ALA
KADINA	SA	YKDI/ALA
KAGARU	QLD	YKGU/ALA
KAHLPAHLIM ROCK	QLD	YKAI/HLS
KAILIS	WA	YKLS/ALA
KAIUROO	QLD	YKIU/ALA
KAJABBI	QLD	YKAJ/ALA
KALABITY STATION	SA	YKBT/ALA
KALAMURINA	SA	YKLR/ALA
KALANNIE	WA	YKAE/ALA
KALBARRI	WA	YKBR/AD
KALGOORLIE-BOULDER	WA	YPKG/AD
KALINGA	QLD	YKLG/ALA

LOCATION	STATE	CODE
KALKGURUNG	NT	YKKG/AD
KALLALA	QLD	YKLL/ALA
KALPOWAR	QLD	YKPR/ALA
KALUMBURU	WA	YKAL/ALA
KAMBALDA	WA	YKBL/AD
KAMILEROI	QLD	YKML/ALA
KANANDAH	WA	YKAN/ALA
KANDOS MEDICAL	NSW	YXKD/HLS
KANGAROO ISLAND	SA	YKIS/HLS
KANGAROO WELL	SA	YKWG/ALA
KAPUNDA	SA	YKAP/ALA
KAPUNDA HOSPITAL	SA	YXKH/HLS
KARARA	WA	YKAR/AD
KARLAWINDA MINE	WA	YKWA/AD
KARONIE	WA	YKRE/ALA
KARRATHA	WA	YPKA/AD
KARRATHA HEALTH CAMPUS	WA	YXKR/HLS
KARUMBA	QLD	YKMB/AD
KARUNJIE	WA	YKRJ/ALA
KATANNING	WA	YKNG/AD
KATHERINE HOSPITAL	NT	YXAE/HLS
KEDRON PARK SES BASE QLD	QLD	YXKP/HLS
KEEROONGOOLOO	QLD	YKRL/ALA
KEITH	SA	YKTH/ALA
KELLERBERRIN	WA	YKEB/ALA
KEMPSEY	NSW	YKMP/AD
KENDALL RIVER	QLD	YKRV/ALA
KENMORE PARK/YUNYARINYI	SA	YKEN/ALA
KENNETTS STRIP	NSW	YKST/HLS
KENS BORE	WA	YKBA/AD
KERANG	VIC	YKER/AD
KESWICK ISLAND	QLD	YKSI/ALA
KEYNETON	SA	YKYT/HLS
KEYTAH	NSW	YKEY/ALA
KHANCOBAN	NSW	YKHA/ALA
KHOLO HELIPAD	QLD	YKHO/HLS
KIAMA HARBOUR HELIPAD	NSW	YKAM/HLS
KIANA STN	NT	YKIA/ALA
KIDMAN SPRINGS	NT	YKDM/ALA
KIDSTON	QLD	YKID/ALA
KIERAWONGA	QLD	YKRW/ALA
KIHEE HS	QLD	YKIH/ALA
KILCOY	QLD	YKCY/ALA
KILCOY HOSPITAL	QLD	YXKI/HLS
KILDURK STN	NT	YKIL/ALA
KILKWANA HOSPITAL	QLD	YXKL/HLS
KILLARNEY	NT	YKLE/ALA
KILLARNEY HOSPITAL	QLD	YXKA/HLS
KILLARNEY STN	QLD	YKLN/ALA
KILLIECRANKIE	TAS	YKCK/ALA
KIMBA	SA	YIMB/AD
KIMBERLEY DOWNS STN	WA	YKBS/ALA
KIMBOLTON	WA	YKIB/ALA
KIN KIN RETREAT	WA	YKKN/ALA
KINDAMINDI	NSW	YKND/ALA
KINDRA FALLS	NSW	YKFS/ALA
KING ASH BAY	NT	YKAB/ALA
KING ISLAND	TAS	YKII/AD
KING JUNCTION	QLD	YKJN/ALA
KINGAROY	QLD	YKRY/AD
KINGAROY HOSPITAL	QLD	YXKN/HLS
KINGFISH A PLATFORM	VIC	YUFA/HLS
KINGFISH B PLATFORM	VIC	YUFB/HLS
KINGOONYA	SA	YKGA/ALA
KINGS CANYON	NT	YKCA/ALA
KINGS CREEK STN	NT	YKCS/ALA
KINGSCOTE HOSPITAL	SA	YXKC/HLS
KINGSCOTE/KANGAROO ISLAND	SA	YKSC/AD
KINGSTON	SA	YKIG/ALA
KINGVALE STATION	QLD	YKVA/ALA
KINTORE	NT	YKNT/ALA
KIRKALOCKA	WA	YKRK/ALA
KIRKIMBIE STN	NT	YKIR/ALA
KITAN MOBILE RIG	WA	KIT/HLS
KITCHENER	WA	YKCH/ALA
KIWIRRKURRA	WA	YKIC/ALA
KNAPDALE	QLD	YKDA/ALA
KNOCKER BAY	NT	YNBY/ALA
KOARLO	QLD	YKOA/ALA
KOJONUP	WA	YKOJ/ALA
KOKATHA	SA	YKKH/ALA
KOLENDO	SA	YKOL/ALA
KONDININ	WA	YKDN/ALA
KOOKYNIE	WA	YKOK/ALA
KOOLAMA BAY	WA	YKOO/ALA
KOOLAN ISLAND/KOOLAN CENTRAL	WA	YKLC/AD
KOOLATAH	QLD	YKLA/ALA
KOOLBURRA	QLD	YKLB/ALA
KOOLYANOBBING RANGE	WA	YKBG/ALA
KOONMARRA	WA	YKNM/ALA
KOORINGAL/BAROCO	QLD	YBCX/ALA
KOWANYAMA	QLD	YKOW/AD
KUBIN	QLD	YKUB/ALA
KUKERIN AIRSTRIP	WA	YKUK/ALA
KULALI	QLD	YKUA/ALA
KULGERA	NT	YKUL/ALA
KUMBARILLA/RUBY JO	QLD	YKUM/HLS
KUNUNOPPIN	WA	YKNP/ALA
KUNUNURRA	WA	YPKU/AD
KURI BAY	WA	YKRI/ALA
KURUNDI STN	NT	YKUR/ALA
KYABRA	QLD	YKYR/ALA
KYBO STN	WA	YKBO/ALA
KYNETON (QLD)	QLD	YKYE/ALA
KYNETON (VIC)	VIC	YKTN/ALA
KYNETON DISTRICT HEALTH SERVICE	VIC	YXKT/HLS
KYNUNA	QLD	YKYN/ALA
KYOGLE HOSPITAL	NSW	YXKO/HLS
KYWONG	QLD	YKYW/ALA
LA GRANGE BAY	WA	YLGB/ALA
LABELLE DOWNS	NT	YLAE/ALA
LADY BARRON	TAS	YLDB/ALA
LADY ELLIOT ISLAND	QLD	YLTT/ALA

LOCATION	STATE	CODE
LADY MUSGRAVE ISLAND	QLD	YLMI/ALA
LAGLAN	QLD	YLGL/ALA
LAGOON BAY	TAS	YLAG/ALA
LAIDLEY HOSPITAL	QLD	YXLA/HLS
LAKE CARGELLIGO	NSW	YLCG/AD
LAKE EVELLA	NT	YLEV/AD
LAKE EVERARD	SA	YLVD/ALA
LAKE GRACE	WA	YLGC/ALA
LAKE JOHNSTON	WA	YLJN/ALA
LAKE KEEPIT	NSW	YKEP/ALA
LAKE MACQUARIE AIRPORT	NSW	YLMQ/ALA
LAKE MARIMLEY	NSW	YLKM/ALA
LAKE NASH	NT	YLKN/ALA
LAKE WAY	WA	YLWY/ALA
LAKEFIELD	QLD	YLFD/ALA
LAKELAND DOWNS	QLD	YLND/ALA
LAKES ENTRANCE	VIC	YLET/HLS
LAKES ENTRANCE	VIC	YLKE/ALA
LAKESIDE AIRPARK	QLD	YLAK/ALA
LAMBINA	SA	YLAM/ALA
LAMEROO	SA	YLAO/ALA
LANDERS CREEK	QLD	YLDC/ALA
LANDOR RACES	WA	YLNR/ALA
LANDOR STN	WA	YLDO/ALA
LANDSBOROUGH	QLD	YLAB/ALA
LANGAWIRRA	NSW	YLAN/ALA
LANGHORNE	SA	YLGH/ALA
LAPUNYAH	QLD	YLAP/ALA
LATROBE HOSPITAL	TAS	YXLF/HLS
LATROBE REGIONAL HOSPITAL	VIC	YXLS/HLS
LATROBE VALLEY	VIC	YLTV/AD
LAUNCESTON	TAS	YMLT/AD
LAUNCESTON GENERAL HOSPITAL	TAS	YXLU/HLS
LAURA	QLD	YLRA/ALA
LAURINEL	QLD	YLUN/ALA
LAVARACK	QLD	YLVK/HLS
LAVERTON	WA	YLTN/AD
LAWLERS	WA	YLAW/ALA
LAWN HILL	QLD	YLAH/ALA
LEARMONTH	WA	YPLM/AD
LEEMAN	WA	YLEA/ALA
LEETON	NSW	YLEE/ALA
LEETON MEDICAL	NSW	YXLE/HLS
LEEUWIN ESTATE	WA	YLUW/ALA
LEGUNE STN	NT	YLGU/ALA
LEIGH CREEK	SA	YLEC/AD
LEINSTER	WA	YLST/AD
LEMINGTON/HUNTER VALLEY OPERATIONS	NSW	YLHO/HLS
LEMONT	TAS	YLEM/ALA
LEONGATHA	VIC	YLEG/ALA
LEONGATHA HOSPITAL	VIC	YXLH/HLS
LEONORA	WA	YLEO/AD
LEOPOLD DOWNS	WA	YLPD/ALA
LEPPINGTON PASTORAL EAST	NSW	YLPE/HLS
LEPPINGTON PASTORAL WEST	NSW	YLPW/HLS
LETHBRIDGE AIRPORT	VIC	YLED/ALA
LIFE SAVER BASE/SYDNEY	NSW	YLSB/HLS
LIGHTNING RIDGE	NSW	YLRD/AD
LILLA CREEK	NT	YLLC/ALA
LILLYVALE	QLD	YLVA/ALA
LILYDALE	VIC	YLIL/ALA
LIMBUNYA STATION	NT	YLIM/ALA
LINDA DOWNS STATION	QLD	YLDS/ALA
LINDEMAN ISLAND	QLD	YLIN/ALA
LISMORE	NSW	YLIS/AD
LISMORE HOSPITAL	NSW	YLIH/HLS
LISSADELL	WA	YLDL/ALA
LITCHFIELD STN	NT	YLIT/ALA
LITHGOW MEDICAL	NSW	YXLG/HLS
LITTLE RIVER	VIC	YLRV/ALA
LIVERINGA	WA	YLIV/ALA
LIVERPOOL HOSPITAL	NSW	YXLL/HLS
LIZARD ISLAND	QLD	YLZI/ALA
LOCHINVAR	WA	YLOC/ALA
LOCK	SA	YLOK/ALA
LOCKHART	NSW	YLKT/ALA
LOCKHART RIVER	QLD	YLHR/AD
LOCKSLEY FIELD	VIC	YLCS/ALA
LOCKYER WATERS/ BREEFIELD	QLD	YLWB/ALA
LONGDOWN	TAS	YLGD/ALA
LONGFORD HELIPORT	VIC	YUOF/HLS
LONGREACH	QLD	YLRE/AD
LONGWOOD	VIC	YLOD/ALA
LOONGANA	WA	YLGN/ALA
LORD HOWE ISLAND	NSW	YLHI/AD
LORNA GLEN HS	WA	YLRG/ALA
LORRAINE	QLD	YLOR/ALA
LOTUS CREEK/CROYDON	QLD	YACR/ALA
LOTUS VALE STN	QLD	YLOV/ALA
LOUISA DOWNS	WA	YLOU/ALA
LOUTH	NSW	YLOH/ALA
LOWENDAL ISLAND	WA	YLOW/HLS
LOWER LIGHT	SA	YLLT/ALA
LOXTON	SA	YLOX/ALA
LOXTON HOSPITAL	SA	YXLX/HLS
LUCINDALE	SA	YLUI/ALA
LUCKY DOWNS	QLD	YLKD/ALA
LUCY CREEK	NT	YLUC/ALA
LUMLEY HILL	QLD	YLUM/HLS
LUSKINTYRE	NSW	YLSK/ALA
LYELL MCEWIN HOSPITAL	SA	YXLQ/HLS
LYNDHURST STN	QLD	YLHS/ALA
LYNDLEY	QLD	YLYD/ALA
LYNDOCH	SA	YLYK/ALA
LYNDON STN	WA	YLYN/ALA
MABEL CREEK STN	SA	YMAK/ALA
MABUIAG ISLAND	QLD	YMAA/ALA
MACDONALD DOWNS	NT	YMDS/ALA
MACKAY	QLD	YBMK/AD
MACKAY HARBOUR	QLD	YMKH/HLS

LOCATION	STATE	CODE
MACKEREL	VIC	YUKL/HLS
MACKSVILLE MEDICAL	NSW	YXMK/HLS
MACLAY ISLAND	QLD	YXMC/HLS
MACLEAN HOSPITAL	NSW	YXMA/HLS
MACLEOD/GNARALOO BAY	WA	YGAR/ALA
MACLEOD/GNARALOO HOMESTEAD	WA	YGHS/ALA
MACQUARIE ISLAND	OTH	YMQI/HLS
MACQUARIE UNIVERSITY HOSPITAL	NSW	YXUH/HLS
MACROSSAN	QLD	YMCS/ALA
MACUMBA	SA	YMAC/ALA
MADURA	WA	YMAD/ALA
MAGGIEVILLE	QLD	YMGL/ALA
MAGNETIC ISLAND	QLD	YMCI/HLS
MAGOWRA	QLD	YMOA/ALA
MAHANEWO	SA	YMWO/ALA
MAINORU	NT	YMNU/ALA
MAITLAND (NSW)	NSW	YMND/AD
MAITLAND (SA)	SA	YMLD/ALA
MAITLAND DOWNS (QLD)	QLD	YMDW/ALA
MAITLAND HOSPITAL	NSW	YXMT/HLS
MAITLAND HOSPITAL (SA)	SA	YXMQ/HLS
MAJURA TRAINING AREA	ACT	YMJR/HLS
MALAKOFF	QLD	YMOF/ALA
MALINA	WA	YMLA/ALA
MALLACOOTA	VIC	YMCO/AD
MALLAPUNYAH SPRINGS STN	NT	YMYH/ALA
MALLOWA/KRUI	NSW	YKRU/ALA
MALNYANGANAK	NT	YMYA/ALA
MAMADAWERRE	NT	YMMA/ALA
MANBULLO	NT	YMAX/ALA
MANDEMAR	NSW	YMMR/ALA
MANEROO	QLD	YMNO/ALA
MANFRED	WA	YMNF/ALA
MANGALORE	VIC	YMNG/AD
MANGOOLA COAL MINE	NSW	YMCM/HLS
MANGROVE MOUNTAIN GLIDING	NSW	YMVM/ALA
MANGURI	SA	YMAI/ALA
MANILLA MEDICAL	NSW	YXMZ/HLS
MANILLA STATION	NSW	YMAS/ALA
MANINGRIDA	NT	YMGD/AD
MANJIMUP	WA	YMJM/AD
MANMOYI	NT	YMMY/ALA
MANNERS CREEK STN	NT	YMCR/ALA
MANNUM HOSPITAL	SA	YXMM/HLS
MANSFIELD	VIC	YMFD/ALA
MANTUAN DOWNS	QLD	YMUS/ALA
MANUMBAR	QLD	YMUB/ALA
MAPOON	QLD	YMPN/ALA
MARALINGA	SA	YMRA/ALA
MARBLE BAR	WA	YMBL/AD
MARBLE CREEK	QLD	YMRK/ALA
MARDA	WA	YMRD/ALA
MARDI STN	WA	YMDZ/ALA
MAREEBA	QLD	YMBA/AD
MAREEBA HOSPITAL	QLD	YXMB/HLS
MARGARET RIVER	WA	YMGT/ALA
MARIAN	QLD	YMRI/ALA
MARIGALDJBAN	NT	YMAJ/ALA
MARINE 500 MOBILE DRILLING RIG	WA	XMR/HLS
MARION DOWNS	WA	YDWN/ALA
MARION DOWNS	QLD	YMWX/ALA
MARLA	SA	YALA/ALA
MARLBOROUGH	QLD	YMBG/HLS
MARLGAWO	NT	YMRL/ALA
MARLIN PLATFORM	VIC	YUPX/HLS
MARLWAN	NT	YMRN/ALA
MARMBOO	QLD	YMBO/ALA
MAROONAH	WA	YMRX/ALA
MARPURU	NT	YMAP/ALA
MARQUA	NT	YMQA/ALA
MARREE	SA	YMRE/ALA
MARTINS WELL	SA	YMTW/ALA
MARY VALLEY	QLD	YMYY/ALA
MARYBOROUGH (QLD)	QLD	YMYB/AD
MARYBOROUGH (VIC)	VIC	YMBU/ALA
MARYLAND TOO	WA	YTOO/ALA
MARYMIA	WA	YMYI/ALA
MARYVALE	QLD	YMLE/ALA
MARYVALE	NT	YMYV/ALA
MATA MATA	NT	YMTM/ALA
MATARANKA TOWNSHIP	NT	YMAR/ALA
MATER HOSPITAL (BRISBANE)	QLD	YMAT/HLS
MATHESON BORE	SA	YMBR/ALA
MAUDE CREEK	NT	YMUD/ALA
MAWSON PLATEAU SKIWAY	OTH	YMPL/ALA
MAWSON SEA ICE SKIWAY	OTH	YMSI/ALA
MAWSON STATION	OTH	YMAO/HLS
MAXWELL CREEK	NT	YMXC/ALA
MCARTHUR RIVER MINE	NT	YMHU/AD
MCCAFFREY FIELD	QLD	YMCF/ALA
MCKINLAY	QLD	YMCK/ALA
MEANDER LAKES	TAS	YMEA/ALA
MEEKATHARRA	WA	YMEK/AD
MEERAGOOLIA	WA	YMLI/ALA
MELBOURNE	VIC	YMML/AD
MELBOURNE/AVALON	VIC	YMAV/AD
MELBOURNE/ESSENDON	VIC	YMEN/AD
MELBOURNE/MOORABBIN	VIC	YMMB/AD
MELINDA DOWNS	QLD	YMDX/ALA
MELTON	VIC	YMEL/ALA
MELVILLE WATER AERODROME	WA	YMET/ALA
MEMBINUP	WA	YMBP/ALA
MEMOOLOO	QLD	YMEM/ALA
MENINDEE	NSW	YMED/ALA
MENINGIE	SA	YMEG/ALA
MENINGIE HOSPITAL	SA	YXMI/HLS
MENZIES	WA	YMZI/ALA
MERAPAH HOMESTEAD	QLD	YMPH/ALA
MEREENIE	NT	YMEI/ALA
MERIMBULA	NSW	YMER/AD
MERLIN MINE	NT	YMEE/ALA

LOCATION	STATE	CODE
MERLUNA	QLD	YMEU/ALA
MERREDIN	WA	YMDN/ALA
MERRIMBA	NSW	YRIM/ALA
MERRINONG STATION	NSW	YMMG/ALA
MERRIWA HOSPITAL	NSW	YXMW/HLS
METEOR DOWNS	QLD	YMWN/ALA
MIDDALYA HS	WA	YMIX/ALA
MIDDLE CAY	QLD	YMID/ALA
MIDDLE POINT	NT	YCPX/ALA
MIDDLEMOUNT	QLD	YMMU/ALA
MIKINJ VALLEY	NT	YMKV/ALA
MILDURA	VIC	YMIA/AD
MILDURA STN	QLD	YMIU/ALA
MILES	QLD	YMLS/AD
MILES HOSPITAL	QLD	YXMS/HLS
MILEURA HS	WA	YMUX/ALA
MILINGIMBI	NT	YMGB/AD
MILL IRON	QLD	YMIO/ALA
MILLAJIDDEE	WA	YMJD/ALA
MILLAROO	QLD	YMLO/ALA
MILLERS BLUFF	TAS	YMBF/HLS
MILLERS CREEK	SA	YMIK/ALA
MILLICENT	SA	YMCT/ALA
MILLMERRAN	QLD	YMMN/ALA
MILLMERRAN HOSPITAL	QLD	YXLR/HLS
MILLROSE HS	WA	YMIS/ALA
MILLSTREAM	WA	YMST/ALA
MILLUNGERA	QLD	YMLL/ALA
MILTON ULLADULLA HOSPITAL	NSW	YXUA/HLS
MILURIE HS	WA	YMLX/ALA
MINARA	WA	YMNX/ALA
MINDEROO	WA	YMDR/ALA
MINGENEW	WA	YMEW/ALA
MINLATON	SA	YMIN/ALA
MINLATON HOSPITAL	SA	YXMX/HLS
MINNAMOOLKA	QLD	YMLK/ALA
MINNIPA	SA	YMPA/ALA
MIRANDA DOWNS	QLD	YMIR/ALA
MIRBOO	VIC	YMIB/ALA
MIRRNGATJA	NT	YMGJ/ALA
MISSION BEACH	QLD	YKMH/HLS
MISTAKE CREEK	NT	YMKC/ALA
MITCHELL	QLD	YMIT/ALA
MITCHELL PLATEAU	WA	YMIP/ALA
MITTA MITTA	VIC	YITT/ALA
MITTAGONG	NSW	YMIG/ALA
MITTIEBAH	NT	YMTA/ALA
MOAMA	NSW	YMMO/ALA
MOBELLA	SA	YLLA/ALA
MODEWARRE	VIC	YMOD/ALA
MONA VALE HOSPITAL	NSW	YXMV/HLS
MONARTO SAFARI PARK	SA	YOAR/HLS
MONASH CHILDREN'S HOSPITAL	VIC	YXXM/HLS
MONDURAN	QLD	YMUA/ALA
MONKIRA	QLD	YMNK/ALA
MONOLON	NSW	YMLN/ALA
MONTARA VENTURE FPSO	WA	YMVT/HLS
MONTARA WHP	WA	YMWH/HLS
MONTEJINNI	NT	YMTJ/ALA
MONTO	QLD	YMTO/ALA
MONTO HOSPITAL	QLD	YXOT/HLS
MOOGA/BRINDLEY PARK	QLD	YABP/ALA
MOOLELULOOLOO	SA	YLUL/ALA
MOOLOOLOO STN	NT	YOOO/ALA
MOOMBA	SA	YOOM/AD
MOONAREE	SA	YMOE/ALA
MOONDAH PARK	QLD	YMDP/ALA
MOONERA	WA	YORA/ALA
MOONIE/TUNGAMAH STATION	QLD	YMTU/ALA
MOORA	WA	YMRO/ALA
MOORABERREE	QLD	YMOO/ALA
MOORE REEF	QLD	YMRR/HLS
MOOROONGGA ISLAND	NT	YMSX/ALA
MORANBAH	QLD	YMRB/AD
MORANBAH HOSPITAL	QLD	YXMN/HLS
MORANBAH/RUGBY RUN	QLD	YARR/ALA
MORAWA	WA	YMRW/AD
MOREE	NSW	YMOR/AD
MOREE/BEELA	NSW	YAIR/ALA
MOREE/RURAL AIR WORK	NSW	YRAR/ALA
MORETON	QLD	YMOT/ALA
MORNEY	QLD	YMNY/ALA
MORNINGTON ISLAND	QLD	YMTI/AD
MORNINGTON STN	WA	YMNT/ALA
MOROAK	NT	YORO/ALA
MOROCCO WEST	WA	YMCW/ALA
MORSTONE DOWNS STATION	QLD	YMSE/ALA
MORUYA	NSW	YMRY/AD
MORUYA HOSPITAL	NSW	YXMY/HLS
MORVEN	QLD	YMVN/ALA
MOSSMAN HOSPITAL	QLD	YXMO/HLS
MOUNT ALLAN	NT	YMNA/ALA
MOUNT ANNE	TAS	YANE/HLS
MOUNT AUGUSTUS	WA	YMAU/ALA
MOUNT BARKER HOSPITAL	SA	YXBR/HLS
MOUNT BARNETT	WA	YBAN/ALA
MOUNT BEAUTY	VIC	YMBT/ALA
MOUNT BORRADALE STN	NT	YMUE/ALA
MOUNT BULLER	VIC	YBXU/HLS
MOUNT BUNDEY	NT	YMDY/ALA
MOUNT BUNDEY MINE	NT	YMBN/ALA
MOUNT CATT	NT	YMUN/ALA
MOUNT CLARENCE	SA	YMTC/ALA
MOUNT CLERE HS	WA	YMCE/ALA
MOUNT COOLON	QLD	YMCL/ALA
MOUNT COOPER	QLD	YMPE/ALA
MOUNT COOT-THA	QLD	YMOH/HLS
MOUNT DARE STN	SA	YMTX/ALA
MOUNT DAVIES/PIPALYATJARA	SA	YMDV/ALA
MOUNT DENISON	NT	YMNN/ALA
MOUNT DORE	QLD	YMDE/ALA
MOUNT EBA	SA	YMEB/ALA
MOUNT EBENEZER	NT	YMBZ/ALA
MOUNT ELIZABETH	WA	YMTZ/ALA
MOUNT GAMBIER	SA	YMTG/AD

LOCATION	STATE	CODE
MOUNT GARNET	QLD	YMRT/ALA
MOUNT GIBSON	WA	YGSN/ALA
MOUNT GIBSON MINE	WA	YMGP/ALA
MOUNT GORDON	QLD	YGON/AD
MOUNT GORTON	QLD	YGOT/HLS
MOUNT GUNSON	SA	YMGN/ALA
MOUNT HALE	WA	YMHE/ALA
MOUNT HART STN	WA	YMHT/ALA
MOUNT HOLLAND	WA	YMHL/AD
MOUNT HOTHAM	VIC	YHOT/AD
MOUNT HOUSE	WA	YMHO/ALA
MOUNT HOWITT	QLD	YMHW/ALA
MOUNT IDA	WA	YIDA/ALA
MOUNT ISA	QLD	YBMA/AD
MOUNT ISA HOSPITAL	QLD	YXIH/HLS
MOUNT IVE	SA	YMIV/ALA
MOUNT JAMES	WA	YMJE/ALA
MOUNT KEITH	WA	YMNE/AD
MOUNT LIEBIG	NT	YLBG/ALA
MOUNT LINDSAY/WATARRU	SA	YLSY/ALA
MOUNT MACKAY	QLD	YMKY/HLS
MOUNT MAGNET	WA	YMOG/AD
MOUNT MARGARET STN	QLD	YMMT/ALA
MOUNT MULGRAVE HS	QLD	YMMH/ALA
MOUNT MULLIGAN LODGE	QLD	YMUZ/HLS
MOUNT PERRY	QLD	YMPY/ALA
MOUNT PERRY HEALTH CARE CENTRE	QLD	YXMP/HLS
MOUNT RIDDOCK STN	NT	YMDK/ALA
MOUNT RINGWOOD	NT	YRIN/ALA
MOUNT ROSEBY	QLD	YROS/ALA
MOUNT SANFORD STATION	NT	YMSF/ALA
MOUNT SARAH	SA	YSAR/ALA
MOUNT SHORT	WA	YMTS/ALA
MOUNT SIRCOM	QLD	YMSR/ALA
MOUNT STUART	WA	YMSW/ALA
MOUNT SURPRISE	QLD	YMSP/ALA
MOUNT SWAN	NT	YMNS/ALA
MOUNT VALLEY	NT	YMVY/ALA
MOUNT VIVIAN	SA	YVIV/ALA
MOUNT WILLOUGHBY	SA	YWIB/ALA
MOUNT YARRABAH	QLD	YYAR/HLS
MOURA	QLD	YMOU/ALA
MOURA HOSPITAL	QLD	YXMR/HLS
MOURA NORTH	QLD	YMTN/ALA
MOUROUBRA STATION	WA	YMSN/ALA
MOXEY FARMS	NSW	YMOX/ALA
MOYEN STN	QLD	YMOY/ALA
MOYLE RIVER	NT	YMLV/ALA
MUCCAN STN	WA	YMUC/ALA
MUCHEA/GREENSIDE	WA	YGSD/ALA
MUDGEE	NSW	YMDG/AD
MUDGEE HOSPITAL	NSW	YXMH/HLS
MUDGEEGARDAART	NT	YMGE/ALA
MUKINBUDIN	WA	YMKB/ALA
MULAN	WA	YUAN/ALA
MULGA PARK	NT	YMUP/ALA
MULGATHING	SA	YMGG/ALA
MULKA	SA	YMUK/ALA
MULLEWA	WA	YMWA/ALA
MULLUMBIMBY HOSPITAL	NSW	YXMU/HLS
MULOORINA	SA	YMLR/ALA
MUMEKA	NT	YMUM/ALA
MUNDABULLANGANA	WA	YMDB/ALA
MUNDARING WEIR	WA	YMWR/ALA
MUNDINE	NSW	YDNE/ALA
MUNDOWDNA	SA	YMDD/ALA
MUNDRABILLA HS	WA	YMBX/ALA
MUNDRABILLA MOTEL	WA	YMDT/ALA
MUNDUBBERA	QLD	YMDA/ALA
MUNDUBERRA HOSPITAL	QLD	YXDR/HLS
MUNGALALU-TRUSCOTT	WA	YTST/AD
MUNGERANNIE	SA	YMUG/ALA
MUNGINDI	NSW	YMGI/ALA
MUNGO LODGE	NSW	YLMU/ALA
MUNJINA	WA	YMUJ/ALA
MURCHISON SHIRE	WA	YMSS/ALA
MURGANELLA	NT	YMNL/ALA
MURGON	QLD	YMRG/ALA
MURGON HOSPITAL	QLD	YXMG/HLS
MURGOO STN	WA	YMGO/ALA
MURNPEOWIE	SA	YMNP/ALA
MURRANJI BORE	NT	YMJI/ALA
MURRAY BRIDGE	SA	YMBD/ALA
MURRAY BRIDGE HOSPITAL	SA	YXMJ/HLS
MURRAY DOWNS	NT	YMYW/ALA
MURRAY FIELD	WA	YMUL/ALA
MURRAY/MER ISLAND	QLD	YMAE/ALA
MURRIN MURRIN	WA	YMMI/AD
MURWILLUMBAH	NSW	YMUR/ALA
MUSGRAVE ROADHOUSE	QLD	YMGV/ALA
MUSWELLBROOK MEDICAL	NSW	YXUS/HLS
MUTHMAMAL	NT	YMUH/ALA
MUTTABURRA	QLD	YMTB/ALA
MYROODAH STN	WA	YMYR/ALA
MYRUP	WA	YMYU/ALA
NABARLEK	NT	YNAB/ALA
NACKEROO	NT	YNKR/ALA
NAGAMBIE-WIRRATE	VIC	YNGW/ALA
NALIYINDI	NT	YNAL/ALA
NAMBOUR HOSPITAL	QLD	YXNA/HLS
NAMBUCCA	NSW	YNAA/ALA
NANANGO	QLD	YNAN/ALA
NANANGO HOSPITAL	QLD	YXNN/HLS
NANDOWRIE	QLD	YNDW/ALA
NANGRAM/WINDIBRI	QLD	YNGM/HLS
NANNUP	WA	YNAU/ALA
NAPIER DOWNS STN	WA	YNPD/ALA
NAPPA MERRIE	QLD	YNAP/ALA
NAPPERBY	NT	YNPB/ALA
NAR NAR GOON	VIC	YNNG/ALA
NARACOORTE	SA	YNRC/AD
NARAYEN	QLD	YNRN/ALA
NAREMBEEN	WA	YNRB/ALA
NARRABRI	NSW	YNBR/AD
NARRABRI HOSPITAL	NSW	YXNH/HLS

LOCATION	STATE	CODE
NARRANDERA	NSW	YNAR/AD
NARROGIN	WA	YNRG/ALA
NARROMINE	NSW	YNRM/AD
NARROMINE MEDICAL	NSW	YXNM/HLS
NARYILCO	QLD	YNRL/ALA
NATAL DOWNS	QLD	YNDS/ALA
NATHAN RIVER STN	NT	YNAT/ALA
NEBO	QLD	YNBO/ALA
NEE NEE	NSW	YNEE/ALA
NELLY BAY	QLD	YNEY/HLS
NELSON BAY MEDICAL	NSW	YXNY/HLS
NELSON SPRINGS	NT	YNES/ALA
NEPEAN AEROSPACE PARK	NSW	YNEP/HLS
NEPEAN HOSPITAL	NSW	YXNE/HLS
NERRIMA	WA	YNER/ALA
NETHERWAY	NSW	YNWY/ALA
NETLEY STATION	NSW	YNET/ALA
NEUMAYER VALLEY STATION	QLD	YNWM/ALA
NEUTRAL JUNCTION	NT	YNTJ/ALA
NEW CROWN STN	NT	YNCS/ALA
NEW HAVEN	NT	YNHV/ALA
NEW LANDSDOWN HS	WA	YNLH/ALA
NEW LAURA	QLD	YLRS/ALA
NEW MAY DOWNS HS	QLD	YNMY/ALA
NEW MOON	QLD	YNMN/ALA
NEW QUINAMBIE	SA	YNQI/ALA
NEW ROYAL ADELAIDE HOSPITAL	SA	YXAA/HLS
NEW VICTORIA DOWNS	QLD	YNVD/ALA
NEWCASTLE HARBOUR	NSW	YNTL/ALA
NEWCASTLE REGIONAL HELIPORT	NSW	YNRH/HLS
NEWCASTLE WATERS STATION	NT	YNCW/ALA
NEWCASTLE WESTPAC BASE	NSW	YXFV/HLS
NEWCASTLE/WALLSAIR	NSW	YWSR/ALA
NEWDEGATE	WA	YNDG/ALA
NEWLANDS COAL	QLD	YNEW/ALA
NEWMAN	WA	YNWN/AD
NGANGORIORDT	NT	YNGT/ALA
NGUJIMA-YIN FPSO	WA	YNJY/HLS
NGUKURR	NT	YNGU/AD
NHILL	VIC	YNHL/AD
NICHOLSON	WA	YNIC/ALA
NIFTY	WA	YCNF/AD
NILDOTTIE	SA	YNLD/ALA
NILPINNA	SA	YNPA/ALA
NINGALOO VISION FPSO	WA	YNGV/HLS
NOBBYS CREEK	NSW	YNOB/ALA
NOCCUNDRA	QLD	YNCD/ALA
NOCKATUNGA	QLD	YNOC/ALA
NONNING	SA	YNIG/ALA
NOONBAH	QLD	YNBH/ALA
NOONDOONIA HS	WA	YNON/ALA
NOONKANBAH	WA	YNKA/ALA
NOORAMA STATION	QLD	YNOR/ALA
NOOSA	QLD	YNSH/ALA
NOOYEAH DOWNS	QLD	YNOO/ALA
NORFOLK	QLD	YNOF/ALA
NORFOLK ISLAND	OTH	YSNF/AD
NORMAN REEF	QLD	YNOM/HLS
NORMANTON	QLD	YNTN/AD
NORMANTON HELIPAD	QLD	YNTH/HLS
NORSEMAN	WA	YNSM/ALA
NORTH BUNDY STATION	NSW	YNBS/ALA
NORTH GREGORY/ELLIOTT FIELD	QLD	YETT/ALA
NORTH ISLAND	WA	YNTI/ALA
NORTH KANANGRA	NSW	YNKG/HLS
NORTH PERCY	WA	YELI/ALA
NORTH PINJARRA	WA	YNPJ/ALA
NORTH RANKIN COMPLEX	WA	YXNR/HLS
NORTH WELL	SA	YNWL/ALA
NORTHAM	WA	YNTM/ALA
NORTHAMPTON	WA	YNHP/ALA
NORTHERN BEACHES HOSPITAL	NSW	YXNL/HLS
NORTHERN ENDEAVOUR	OTH	YNEN/HLS
NORTHERN PENINSULA	QLD	YNPE/AD
NOVA	WA	YNOV/AD
NOWRA	NSW	YSNW/AD
NUBEENA	TAS	YNBA/HLS
NULLAGINE	WA	YNUL/ALA
NULLARBOR MOTEL	SA	YNUB/ALA
NUMBULWAR	NT	YNUM/AD
NUMERY	NT	YNUE/ALA
NUMURKAH	VIC	YNKH/HLS
NUTWOOD DOWNS	NT	YNUT/ALA
NYANG HS	WA	YNYG/ALA
NYAPARI	SA	YNYP/ALA
NYIRRIPI	NT	YNRR/ALA
NYMAGEE	NSW	YNYM/ALA
NYNGAN	NSW	YNYN/AD
OAK CREEK COAL	QLD	YOCC/ALA
OAK CREEK COAL TIERI TOWNSHIP	QLD	YTIE/HLS
OAK VALLEY	SA	YOKV/ALA
OAKDEN HILLS	SA	YOKH/ALA
OAKEY	QLD	YBOK/AD
OAKVALE	QLD	YOKE/ALA
OAKVILLE	NSW	YOAK/ALA
OATLANDS MEDICAL	TAS	YXOD/HLS
OBAN	QLD	YOBN/ALA
OBERON	NSW	YOBE/HLS
OCEAN LEGEND	WA	XOL/HLS
OCHRE ARCH	NSW	YOCA/ALA
OENPELLI	NT	YOEN/AD
OKHA FPSO	WA	YOKA/HLS
OLD ANDADO	NT	YOAD/ALA
OLD ARAFURA	NT	YOAF/ALA
OLD BAR	NSW	YOBR/ALA
OLD BUNDEMAR	NSW	YBDM/ALA
OLD STATION	QLD	YOSN/ALA
OLGA DOWNS	QLD	YOGD/ALA
OLYMPIC DAM	SA	YOLD/AD
OMEO	VIC	YOMO/HLS

LOCATION	STATE	CODE
OMICRON	QLD	YOMI/ALA
ONE ARM PT	WA	YOAP/ALA
ONSLOW	WA	YOLW/AD
OODNADATTA	SA	YOOD/ALA
OOMBABEER	QLD	YOBM/ALA
OORATIPPRA	NT	YORT/ALA
OOTANN	QLD	YOTN/ALA
OPIUM CREEK	NT	YOPC/ALA
ORANA PARK	QLD	YOPK/ALA
ORANGE	NSW	YORG/AD
ORANGE BLOOMFIELD HOSPITAL	NSW	YXOG/HLS
ORANGE EAST HELIPORT	NSW	YOEH/HLS
ORANGE HELICOPTER RESCUE BASE	NSW	YXCF/HLS
ORBOST	VIC	YORB/AD
ORBOST	VIC	YORS/HLS
ORCHID BEACH	QLD	YORC/ALA
ORD RIVER	WA	YORV/ALA
ORIELTON	QLD	YOIT/ALA
ORIENT WELL	WA	YORW/ALA
ORLEANS FARM	WA	YORL/ALA
ORPHEUS ISLAND	QLD	YOPH/ALA
ORROROO	SA	YORR/ALA
ORUNGAL	QLD	YORU/ALA
OSBORNE ISLANDS	WA	YOSI/ALA
OSBORNE MINE	QLD	YOSB/AD
OURDELL	QLD	YODL/ALA
OUSE MEDICAL	TAS	YXOS/HLS
OUYEN	VIC	YOUY/ALA
OXLEY	NSW	YOLY/ALA
OXLEY POLICE ACADEMY	QLD	YOXL/HLS
PACIFIC HAVEN	QLD	YPAC/ALA
PADDYS FLAT	NSW	YPDF/ALA
PADTHAWAY STN	SA	YPDY/ALA
PALM BEACH	NSW	YPLB/ALA
PALM ISLAND	QLD	YPAM/AD
PALMER RIVER	QLD	YPAL/HLS
PALMERS ISLAND/MACLEAN	NSW	YPLI/ALA
PALMERVILLE	QLD	YPVI/ALA
PALMYRA	QLD	YPYA/ALA
PALPARARA	QLD	YPPA/ALA
PALUMPA	NT	YPUA/ALA
PANDIE PANDIE	SA	YPDI/ALA
PANDORA	QLD	YPAN/ALA
PANNAWONICA	WA	YPNW/ALA
PANTIJAN	WA	YPJN/ALA
PAPUNYA	NT	YPAY/ALA
PARABURDOO	WA	YPBO/AD
PARAKYLIA	SA	YPKI/ALA
PARDOO STN	WA	YPDO/ALA
PARKES	NSW	YPKS/AD
PARKES HOSPITAL	NSW	YXPK/HLS
PASCOE RIVER	QLD	YPRV/ALA
PASSAGE ISLAND	TAS	YPSI/ALA
PATCHEWOLLOCK	VIC	YPCH/ALA
PATJARR	WA	YPTJ/ALA
PAYNES FIND	WA	YPYF/ALA
PEAK HILL	NSW	YPKH/ALA
PEAK HILL HOSPITAL	NSW	YXPH/HLS
PEAKE	SA	YPKE/ALA
PEARCE	WA	YPEA/AD
PENFIELD	VIC	YPEF/ALA
PENNY	WA	YPEN/ALA
PENONG	SA	YPNG/ALA
PENTLAND	QLD	YPND/ALA
PEPPIMENARTI	NT	YPEP/ALA
PERCH PLATFORM	VIC	YUPE/HLS
PERENJORI	WA	YPJI/ALA
PERISHER	NSW	YPSR/HLS
PERNATTY	SA	YPTT/ALA
PERTH	WA	YPPH/AD
PERTH/JANDAKOT	WA	YPJT/AD
PETERBOROUGH	SA	YPTB/ALA
PETERBOROUGH/GREAT OCEAN ROAD	VIC	YPBH/ALA
PETRO STATION	NSW	YPET/ALA
PHILLIP ISLAND HELIPORT	VIC	YPID/HLS
PIA	WA	YPIX/ALA
PICCANINNY	QLD	YPIC/ALA
PICCANINNY PLAINS	QLD	YPPS/ALA
PICKERTARAMOOR	NT	YPCM/ALA
PIGEON HOLE	NT	YPGH/ALA
PINDARA HOSPITAL	QLD	YXPI/HLS
PINKENBA	QLD	YAAP/HLS
PINNACLE	QLD	YPIN/ALA
PINNACLES AIRPARK	QLD	YPNC/ALA
PINNACLES HS	WA	YPCS/ALA
PINNARENDI	QLD	YPNA/ALA
PINNAROO	SA	YPNN/ALA
PINORA	NSW	YPNR/ALA
PIPELINE AUTHORITY MEDICAL YOUNG	NSW	YXPP/HLS
PIPERS FIELD	NSW	YPIP/ALA
PITTSWORTH	QLD	YPWH/ALA
PLANET DOWNS	QLD	YPDS/ALA
PLEVNA DOWNS	QLD	YPVD/ALA
PLUMBAGO	SA	YPMB/ALA
PLUTO ALPHA	WA	YPLA/HLS
PLUTONIC	WA	YPLU/AD
POINT COOK	VIC	YMPC/AD
POINT DAVID	NT	YPDD/ALA
POINT LOOKOUT	QLD	YPLT/HLS
POONCARIE	NSW	YPCE/AD
POREPUNKAH	VIC	YPOK/ALA
PORMPURAAW	QLD	YPMP/AD
PORPHYRY	WA	YPOP/ALA
PORT ARTHUR	TAS	YPAR/HLS
PORT ARTHUR MEDICAL	TAS	YXPU/HLS
PORT AUGUSTA	SA	YPAG/AD
PORT BREMMER	NT	YPBM/ALA
PORT BROUGHTON	SA	YPBN/HLS
PORT CAMPBELL HELIPORT	VIC	YPHP/HLS
PORT DOUGLAS	QLD	YPTD/HLS
PORT FAIRY	VIC	YPFA/ALA
PORT GEORGE	WA	YPTG/ALA

LOCATION	STATE	CODE
PORT HEDLAND	WA	YPPD/AD
PORT HEDLAND HELIPORT	WA	YHIP/HLS
PORT HEDLAND HOSPITAL	WA	YXPD/HLS
PORT HEDLAND/WODGINA	WA	YWGA/AD
PORT HURD	NT	YPHU/ALA
PORT KEATS	NT	YPKT/AD
PORT LINCOLN	SA	YPLC/AD
PORT MACQUARIE	NSW	YPMQ/AD
PORT MACQUARIE BASE HOSPITAL	NSW	YXPM/HLS
PORT PIRIE	SA	YPIR/AD
PORT PIRIE HOSPITAL	SA	YXPE/HLS
PORT WAKEFIELD	SA	YPWF/HLS
PORTIA GOLD MINE	SA	YPOA/ALA
PORTLAND	VIC	YPOD/AD
PORTLAND DOWNS	QLD	YPTL/ALA
PORTLAND HOSPITAL	VIC	YXPR/HLS
PORTSEA	VIC	YPTS/HLS
PORTSMITH	QLD	YPOT/HLS
PRELUDE FLNG	WA	YLNG/HLS
PRENTI DOWNS STN	WA	YPNI/ALA
PRESTON FIELD	WA	YPFL/ALA
PRINCE CHARLES HOSPITAL	QLD	YPRC/HLS
PRINCESS ALEXANDRA HOSPITAL	QLD	YPRI/HLS
PROMINENT HILL	SA	YPMH/AD
PROSERPINE HOSPITAL	QLD	YXPN/HLS
PROSERPINE/WHITSUNDAY COAST	QLD	YBPN/AD
PUCKAPUNYAL	VIC	YPKL/ALA
PUK PUK	QLD	YPUK/ALA
PUNGALINA	NT	YPUG/ALA
PUNMU	WA	YPUN/ALA
PUNSAND BAY	QLD	YPSB/HLS
PYRAMID HILL	VIC	YPYD/ALA
PYRENEES VENTURE FPSO	WA	YPYV/HLS
QUAIRADING	WA	YQDG/ALA
QUAMBATOOK	VIC	YQBK/ALA
QUAMBONE	NSW	YQBE/ALA
QUEEN ELIZABETH II MEDICAL CENTRE	WA	YXQE/HLS
QUEENSCLIFF	VIC	YQCF/HLS
QUEENSLAND CHILDREN'S HOSPITAL	QLD	YXQC/HLS
QUEENSTOWN	TAS	YQNS/ALA
QUILPIE	QLD	YQLP/AD
QUIRINDI	NSW	YQDI/AD
QUIRINDI MEDICAL	NSW	YXQU/HLS
QUORN	SA	YQRN/ALA
RABBIT FLAT	NT	YRBT/ALA
RADISSON PIER	QLD	YRAP/HLS
RAFFLES BAY	NT	YRFB/ALA
RAINBOW BEACH	QLD	YRBB/ALA
RAMINGINING	NT	YRNG/AD
RANDWICK	NSW	YRWK/HLS
RANDWICK MEDICAL	NSW	YXRA/HLS
RANKIN POINT	NT	YRPT/ALA
RANKU	NT	YRAK/ALA
RAT ISLAND	WA	YRAT/ALA
RAVENSTHORPE	WA	YNRV/AD
RAVENSWOOD	QLD	YRVW/ALA
RAVENSWORTH	NSW	YRWH/ALA
RAVENSWORTH COAL CHPP	NSW	YRAC/HLS
RAVENSWORTH OPEN CUT	NSW	YROC/HLS
RAWLINNA	WA	YRAW/ALA
RAWLINNA HS	WA	YRWA/ALA
RAWNSLEY PARK	SA	YRYK/ALA
RAYMANGIRR	NT	YRRR/ALA
RAYMORE STATION	QLD	YRAM/ALA
RAYNER PLACE HELIPORT	NSW	YRYP/HLS
RAYWOOD	VIC	YRYW/ALA
RED DOME MINE	QLD	YRDN/ALA
REDBANK MINE	NT	YRBM/ALA
REDCLIFFE	QLD	YRED/ALA
REDFORD/REDFORD STATION	QLD	YARE/ALA
REDLANDS BAY HOSPITAL	QLD	YXRD/HLS
REDMONT	WA	YRDM/ALA
REEDYS	WA	YRDY/ALA
REINDEER PLATFORM	WA	YRDP/HLS
REMLAP PARK	NSW	YREM/ALA
RENMARK	SA	YREN/AD
RENMARK HOSPITAL	SA	YXRM/HLS
RETREAT HS	QLD	YRES/ALA
REXTON	QLD	YRXN/ALA
RHODES RIDGE	WA	YRRG/ALA
RIAMUKKA	NSW	YRMA/ALA
RICHFIELD	QLD	YRFD/ALA
RICHMOND (NSW)	NSW	YSRI/AD
RICHMOND (QLD)	QLD	YRMD/AD
RICHMOND DOWNS	QLD	YRDS/ALA
RIDDELL	VIC	YRID/ALA
RINGER SOAK	WA	YRSK/ALA
RINGWOOD STN	NT	YRNW/ALA
RIPCORD	QLD	YRIO/ALA
RISDON STUD	QLD	YRSS/ALA
RIVEREN	NT	YRVE/ALA
RIVERSLEIGH	QLD	YRLH/ALA
ROBE	SA	YRBE/ALA
ROBERTSON BARRACKS	NT	YRBK/HLS
ROBINHOOD	QLD	YROB/ALA
ROBINSON DAIRY FARM	QLD	YRDF/HLS
ROBINSON RIVER	NT	YRBR/ALA
ROBINVALE	VIC	YROI/AD
ROCHEDALE	QLD	YRCD/HLS
ROCKHAMPTON	QLD	YBRK/AD
ROCKHAMPTON DOWNS	NT	YRKD/ALA
ROCKHAMPTON HOSPITAL	QLD	YXRK/HLS
ROCKLANDS	QLD	YRKS/ALA
ROCKLEA	WA	YRLE/ALA
ROEBOURNE	WA	YROE/ALA
ROKEBY	QLD	YRBY/ALA
ROKEBY POLICE ACADEMY	TAS	YRKB/HLS
ROLLESTON	QLD	YRLL/ALA
ROLLESTON OPEN CUT	QLD	YROL/HLS
ROLLOS	SA	YRLO/ALA
ROMA	QLD	YROM/AD

LOCATION	STATE	CODE
ROMSEY	VIC	YRSY/ALA
ROPER BAR	NT	YRRB/ALA
ROSALIE PLAINS	QLD	YROP/ALA
ROSE BAY	NSW	YRAY/ALA
ROSE VALE	NSW	YRVL/ALA
ROSEBERTH	QLD	YRSB/ALA
ROSEVALE	QLD	YRSV/ALA
ROSS RIVER	NT	YROV/ALA
ROSTELLA	TAS	YRST/ALA
ROTHSAY MINE	WA	YROT/ALA
ROTHWELL	VIC	YRTH/ALA
ROTTNEST ISLAND	WA	YRTI/AD
ROWLAND FLAT	SA	YRWF/ALA
ROWSLEY	VIC	YRWS/HLS
ROXBOROUGH DOWNS	QLD	YROX/ALA
ROXBY DOWNS	SA	YRXB/ALA
ROY HILL STN	WA	YRYH/ALA
ROYAL BRISBANE HOSPITAL ALPHA	QLD	YRBH/HLS
ROYAL BRISBANE HOSPITAL CHARLIE	QLD	YRBC/HLS
ROYAL CHILDREN'S HOSPITAL	VIC	YRHO/HLS
ROYAL DARWIN HOSPITAL	NT	YXDH/HLS
ROYAL HOBART HOSPITAL	TAS	YXHH/HLS
ROYAL MELBOURNE HOSPITAL	VIC	YRMH/HLS
ROYAL NORTH SHORE HOSPITAL	NSW	YXNS/HLS
ROYAL PERTH HOSPITAL	WA	YXRP/HLS
ROYAL PRINCE ALFRED HOSPITAL	NSW	YRPA/HLS
RURRANGALA	NT	YRUL/ALA
RURRUWUY	NT	YRUR/ALA
RUSHWORTH	VIC	YRSW/HLS
RUSSELL ISLAND HLS	QLD	YXRU/HLS
RUTLAND PLAINS	QLD	YRTP/ALA
RYANS POINT	TAS	YRYA/HLS
RYLSTONE AIRPARK	NSW	YRYL/ALA
RYLSTONE HOSPITAL	NSW	YXRN/HLS
SAIBAI ISLAND	QLD	YSII/AD
SAINT GEORGE	QLD	YSGE/AD
SAINT HELENS	TAS	YSTH/AD
SALE	VIC	YSLT/HLS
SAMARAI	QLD	YSAM/ALA
SAMUEL HILL	QLD	YSMH/ALA
SANDFIRE ROAD HOUSE	WA	YSFI/ALA
SANDFLY	TAS	YSFY/ALA
SANDRINGHAM STN	QLD	YSAG/ALA
SANDSTONE	WA	YSAN/ALA
SANTA TERESA	NT	YSTT/ALA
SAVANNAH DOWNS	QLD	YSAD/ALA
SAWFISH CAMP	NT	YSAW/ALA
SAXBY DOWNS	QLD	YSXB/ALA
SCAMPTON AIRFIELD	NSW	YSAF/ALA
SCARBOROUGH FPU	OTH	YFPU/HLS
SCAWFELL ISLAND	QLD	YSCF/HLS
SCENIC RIM	QLD	YSRA/ALA
SCHERGER (RAAF)	QLD	YBSG/AD
SCONE	NSW	YSCO/AD
SCONE MEDICAL	NSW	YXSC/HLS
SCORESBY/CARIBBEAN PARK	VIC	YSCP/HLS
SCOTIA SANCTUARY	NSW	YSCA/ALA
SCOTTSDALE MEDICAL	TAS	YXSO/HLS
SEA LAKE	VIC	YSLK/ALA
SEA WORLD	QLD	YSWD/HLS
SEABUOY	WA	YSBY/HLS
SEDAN	SA	YSEA/ALA
SERPENTINE	WA	YSEN/ALA
SHADY CAMP	NT	YSHA/ALA
SHANNON	WA	YSHN/HLS
SHARK BAY	WA	YSHK/AD
SHEFFIELD	TAS	YSHD/HLS
SHELLHARBOUR AIRPORT	NSW	YSHL/AD
SHELLHARBOUR HOSPITAL	NSW	YXSH/HLS
SHEPPARTON	VIC	YSHT/AD
SHERLOCK BAY	WA	YSRK/ALA
SHIRLEY	QLD	YSIE/ALA
SHOALHAVEN EMERGENCY MANAGEMENT CENTRE	NSW	YXSE/HLS
SHOALHAVEN MEMORIAL HOSPITAL	NSW	YXNW/HLS
SHUTE HARBOUR/ WHITSUNDAY	QLD	YSHR/ALA
SIAM	SA	YSIA/ALA
SILENT GROVE	WA	YSLG/ALA
SILVER HILLS	QLD	YSVH/ALA
SILVER PLAINS	QLD	YSVP/ALA
SINCLAIR	WA	YSNC/ALA
SINGLETON	NSW	YSGT/ALA
SINGLETON HOSPITAL	NSW	YXSI/HLS
SKARDON RIVER	QLD	YSKR/ALA
SKI BEACH	NT	YSKI/ALA
SKYSAFARI BASE	QLD	YSSP/HLS
SMITH PT	NT	YSMP/ALA
SMITHTON	TAS	YSMI/ALA
SMOKEY CREEK	QLD	YSMK/ALA
SNAKE BAY	NT	YSNK/AD
SNAPPER PLATFORM	VIC	YUSN/HLS
SOLOMON	WA	YSOL/AD
SOMERSBY	NSW	YSMB/ALA
SOUTH CAIRNS HEALTH FACILITY	QLD	YXCE/HLS
SOUTH GALWAY	QLD	YSGW/ALA
SOUTH GOULBURN ISLAND	NT	YGBI/AD
SOUTH GRAFTON	NSW	YSGR/ALA
SOUTH WEST ROCKS	NSW	YSWK/ALA
SOUTHCARE BASE	ACT	YXSB/HLS
SOUTHERN CROSS	WA	YSCR/AD
SOUTHERN HILLS	WA	YSOH/ALA
SOUTHPORT	QLD	YSPT/ALA
SOUTHWELL	QLD	YSOW/ALA
SPILSBY ISLAND	SA	YSPY/ALA
SPRING CREEK	QLD	YSPK/ALA
SPRINGFIELD	QLD	YSPF/ALA
SPRINGSURE	QLD	YSPI/ALA
SPRINGVALE	QLD	YSPV/ALA

LOCATION	STATE	CODE
ST ARNAUD	VIC	YSTA/AD
ST GEORGE HOSPITAL	NSW	YXSG/HLS
ST HELENS DISTRICT HOSPITAL	TAS	YXSD/HLS
ST LAWRENCE	QLD	YSLW/ALA
ST LEONARDS	VIC	YSLE/ALA
ST MARYS MEDICAL	TAS	YXSM/HLS
ST PAULS	QLD	YPAU/HLS
STAG PLATFORM	WA	YSTG/HLS
STANLEY	TAS	YSTN/HLS
STANTHORPE	QLD	YSPE/AD
STANTHORPE HOSPITAL	QLD	YXST/HLS
STAR LANDING AREA	QLD	YSTD/ALA
STARKE FIELD	QLD	YSKF/ALA
STAWELL	VIC	YSWL/AD
STENHOUSE BAY	SA	YSHS/HLS
STEPHENS ISLAND	QLD	YSTI/ALA
STIRLING NORTH/FLINDERS FIELD	SA	YFFD/ALA
STIRLING STATION	QLD	YSTL/ALA
STOKES/WARRENVALE STATION	QLD	YWVL/ALA
STONEFIELD GLIDING	SA	YSFG/ALA
STONEHENGE	QLD	YSTO/ALA
STRADBROKE STATION	QLD	YSBO/ALA
STRAHAN	TAS	YSRN/AD
STRATFORD	QLD	YSTF/HLS
STRATHALBYN	SA	YSYN/ALA
STRATHALBYN HOSPITAL	SA	YXSY/HLS
STRATHAVEN	QLD	YSVN/ALA
STRATHBURN	QLD	YSTB/ALA
STRATHEARN	SA	YSTR/ALA
STRATHGORDON	QLD	YSGD/ALA
STRATHGORDON	TAS	YSGN/HLS
STRATHGUYLE	NSW	YSGL/ALA
STRATHLEVEN	QLD	YSLN/ALA
STRATHMAY	QLD	YSMY/ALA
STRATHMORE	QLD	YSMR/ALA
STREAKY BAY	SA	YKBY/AD
STUART CREEK	SA	YSTC/ALA
STUART MEADOWS	WA	YSED/ALA
STUARTS CREEK	QLD	YSEK/ALA
SUDLEY	QLD	YSDL/ALA
SUMMERHILL ROAD HELIPAD	SA	YSUM/HLS
SUNBURY EAST	VIC	YSBE/ALA
SUNNYSIDE	NSW	YSNY/ALA
SUNRAYSIA GLIDING	VIC	YSRG/ALA
SUNRISE DAM	WA	YSRD/AD
SUNSHINE COAST	QLD	YBSU/AD
SUNSHINE COAST HOSPITAL	QLD	YXHS/HLS
SUPPLEJACK DOWNS	NT	YSUJ/ALA
SURAT	QLD	YSRT/ALA
SUTHERLAND STATION	QLD	YSLD/ALA
SUTTOR CREEK	QLD	YSUT/ALA
SWAN BAY	NSW	YSWB/ALA
SWAN HILL	VIC	YSWH/AD
SWAN HILL	QLD	YSWQ/ALA
SWANSEA MEDICAL	TAS	YXSW/HLS
SWEERS ISLAND	QLD	YSWE/ALA
SYDNEY ADVENTIST HOSPITAL	NSW	YXSA/HLS
SYDNEY CHILDRENS HOSPITAL	NSW	YXSN/HLS
SYDNEY/BANKSTOWN	NSW	YSBK/AD
SYDNEY/KINGSFORD SMITH	NSW	YSSY/AD
SYDNEY/NANCY-BIRD WALTON	NSW	YSWS/AD
TABLE HILL	NT	YTBI/ALA
TABLELAND HS	WA	YTAB/ALA
TAHMOOR MINE	NSW	YTAH/HLS
TALBOT BAY	WA	YTBY/ALA
TALGAI	QLD	YTLI/ALA
TALWOOD	QLD	YTWD/ALA
TAMBAR SPRINGS	NSW	YTMS/ALA
TAMBO	QLD	YTMB/ALA
TAMWORTH	NSW	YSTW/AD
TAMWORTH HOSPITAL	NSW	YXTW/HLS
TANAMERA	QLD	YTME/ALA
TANAMI	NT	YTMN/ALA
TANAMI DOWNS	NT	YTAN/ALA
TANGALOOMA	QLD	YTGA/ALA
TANGALOOMA RESORT	QLD	YXTA/HLS
TANUMBIRINI STN	NT	YTNR/ALA
TANUNDA HOSPITAL	SA	YXTN/HLS
TARA	QLD	YTAA/ALA
TARA HOSPITAL	QLD	YXRH/HLS
TARCOMBE	QLD	YTRC/ALA
TARCOOLA	SA	YTAR/ALA
TARCOONYINNA	SA	YTCY/ALA
TAREE	NSW	YTRE/AD
TARLTON DOWNS	NT	YTLT/ALA
TARNUK	NSW	YTRU/ALA
TAROOM	QLD	YTAM/AD
TARRAGONA	QLD	YTRN/ALA
TARTRUS	QLD	YTTS/ALA
TAYLORS PLAINS	QLD	YTAP/ALA
TELFER	WA	YTEF/AD
TELLARAGA	NSW	YTEL/ALA
TEMORA	NSW	YTEM/AD
TENNANT CREEK	NT	YTNK/AD
TENTERFIELD	NSW	YTFD/ALA
TENTERFIELD HOSPITAL	NSW	YXTE/HLS
TERANG	QLD	YTEA/ALA
TESSA SHOALS	WA	YTES/HLS
TEXAS	QLD	YTEX/ALA
TEXAS MULTI PURPOSE HEALTH SERVICE	QLD	YXTX/HLS
THALMERA	QLD	YTMA/ALA
THANGOOL	QLD	YTNG/AD
THANGOOL/DRUMBURLE	QLD	YDRU/ALA
THARGOMINDAH	QLD	YTGM/AD
THE GARDEN	NT	YGDR/ALA
THE GLEBE	TAS	YGBE/HLS
THE GLEN AIRFIELD	QLD	YGEN/HLS
THE GRANITES	NT	YTGT/AD
THE LAKES	NSW	YLKS/ALA

LOCATION	STATE	CODE
THE LILY	WA	YTLY/ALA
THE MARGARET RIVER TRUFFLE FARM	WA	YMTF/HLS
THE MONUMENT	QLD	YTMO/AD
THE OAKS	NSW	YOAS/ALA
THE SILOS	TAS	YSLO/HLS
THE TWINS	SA	YTHT/ALA
THE VALE	TAS	YVAL/ALA
THE VILLE	QLD	YVIL/HLS
THEDA STN	WA	YTHD/ALA
THEODORE	QLD	YTDR/AD
THEVENARD ISLAND	WA	YTHV/ALA
THISTLE ISLAND	SA	YTHI/ALA
THORPDALE	VIC	YTPD/ALA
THREDBO	NSW	YTHB/HLS
THREE HUMMOCK ISLAND	TAS	YTHM/ALA
THREE RIVERS HS	WA	YTHR/ALA
THREE ROCKS	QLD	YTRS/HLS
THREE SPRINGS	WA	YTHS/ALA
THUNDERBOX	WA	YTHN/AD
THURSDAY ISLAND	QLD	YTUD/HLS
THURSDAY ISLAND HOSPITAL	QLD	YXTI/HLS
THYLACINE A PLATFORM	TAS	YTHA/HLS
THYLUNGRA	QLD	YTHY/ALA
TI TREE	NT	YTIT/ALA
TI TREE	QLD	YTTE/ALA
TIBOOBURRA	NSW	YTIB/AD
TIBUC VALLEY	NSW	YTBV/ALA
TICKALARA HS	QLD	YTIH/ALA
TIERAWOOMBA	QLD	YTWA/ALA
TIEYON STN	SA	YTYN/ALA
TILPA	NSW	YTLP/ALA
TIMBAROO	QLD	YTRO/ALA
TIMBER CREEK	NT	YTBR/ALA
TINAROO FALLS RESV	QLD	YTFR/ALA
TINDAL	NT	YPTN/AD
TIPPERARY	NT	YTPA/ALA
TIRRAWARRA	SA	YTIW/ALA
TJIRRKARLI	WA	YTJI/ALA
TJUKURLA	WA	YJUK/ALA
TJUNTJUNTJARRA	WA	YTJU/ALA
TOBERMOREY	NT	YTMY/ALA
TOCUMWAL	NSW	YTOC/AD
TODMORDEN	SA	YTDM/ALA
TOGO STATION	NSW	YTOG/ALA
TOLINESS	QLD	YTNS/ALA
TOOGOOLAWAH	QLD	YTLH/ALA
TOOLACHIE	SA	YTOA/ALA
TOOLOOMBILLA HS	QLD	YTOL/ALA
TOOMBA	QLD	YTOB/ALA
TOOPUNTUL	NSW	YTPL/ALA
TOORADIN	VIC	YTDN/ALA
TOORAWEENAH	NSW	YTWN/ALA
TOOWOOMBA	QLD	YTWB/AD
TOOWOOMBA HOSPITAL	QLD	YXTO/HLS
TORQUAY	VIC	YTQY/ALA
TORRENS CREEK	QLD	YTCK/ALA
TORWOOD	QLD	YTRW/ALA
TOTTENHAM	NSW	YTOT/ALA
TOWNSVILLE HOSPITAL	QLD	YXTL/HLS
TOWNSVILLE HOSPITAL	QLD	YXTS/HLS
TOWNSVILLE/TOWNSVILLE INTL	QLD	YBTL/AD
TOWRANG GLIDING	NSW	YTWG/ALA
TRAEGER	SA	YTRG/ALA
TRAFALGAR LANE	TAS	YTAF/HLS
TRAGOWEL	QLD	YTGW/ALA
TRANGIE	NSW	YTGI/ALA
TREFOIL ISLAND	TAS	YTRF/ALA
TRELAWNEY	QLD	YTWE/ALA
TREPELL	QLD	YTEE/AD
TRIABUNNA MEDICAL	TAS	YXTB/HLS
TRIAL BAY	NT	YTIY/ALA
TRINIDAD	QLD	YTII/ALA
TRINITY INLET	QLD	YTRI/ALA
TROPICANA	WA	YTRA/AD
TROUGHTON ISLAND	WA	YTTI/AD
TRUGANINNIE	QLD	YTUG/ALA
TRUNDLE	NSW	YTUE/ALA
TRUNDLE MEDICAL	NSW	YXTD/HLS
TRURO FLAT AIRPARK	SA	YTFA/ALA
TRURO/VALLEY FARM	SA	YVAF/ALA
TUCSON	QLD	YTCU/ALA
TULLAMORE	NSW	YTLL/ALA
TULLY	QLD	YTUY/ALA
TULLY HOSPITAL	QLD	YXTU/HLS
TUMBAR STATION	QLD	YTUM/ALA
TUMBARUMBA	NSW	YTBM/ALA
TUMBY BAY	SA	YTBB/AD
TUMUT	NSW	YTMU/AD
TUNA PLATFORM	VIC	YUNA/HLS
TUNBRIDGE	TAS	YTUN/ALA
TUREE	NSW	YTUR/ALA
TUREE CREEK	WA	YTRK/ALA
TURKEY CREEK	WA	YTKY/ALA
TURKEY LANE	SA	YTKL/ALA
TURTLE PARK	QLD	YTPK/ALA
TWEED HEADS HOSPITAL	NSW	YTWH/HLS
TWEED VALLEY HOSPITAL	NSW	YXTV/HLS
TWO WELLS	SA	YTWL/HLS
TYABB	VIC	YTYA/ALA
TYAGARAH	NSW	YTYH/ALA
UCHARONIDGE STN	NT	YUCH/ALA
ULAN COAL MINES	NSW	YULN/HLS
ULCANBAH	QLD	YULC/ALA
UMBAKUMBA	NT	YUBK/ALA
UMBEARA	NT	YUMB/ALA
UMUWA	SA	YUMU/ALA
UNDARA	QLD	YUDA/ALA
UNDILLA STATION	QLD	YUDL/ALA
UPAYKAL	QLD	YPAK/ALA
UPOLU CAY	QLD	YUPC/HLS
UPPER WARREGO/ BABBILOORA	QLD	YABB/ALA
URANDANGI	QLD	YUDG/ALA
URAPUNGA	NT	YUPG/ALA

LOCATION	STATE	CODE	LOCATION	STATE	CODE
URLAMPE	NT	YURL/ALA	WARRAGUL	VIC	YWAR/HLS
USELESS LOOP	WA	YUSL/ALA	WARRAWAGINE STN	WA	YWWG/ALA
UTOPIA	NT	YUTP/ALA	WARRAWEE	QLD	YWWE/ALA
UTOPIA STN	NT	YUTS/ALA	WARREN	NSW	YWRN/AD
VAN ROOK STATION	QLD	YVRS/ALA	WARRNAMBOOL	VIC	YWBL/AD
VANSITTART BAY	WA	YVAN/ALA	WARROORA HS	WA	YWRR/ALA
VARLEY	WA	YVLY/ALA	WARWICK	QLD	YWCK/AD
VASHON HEAD	NT	YVSH/ALA	WARWICK HOSPITAL	QLD	YXWA/HLS
VAUGHAN SPRINGS	NT	YVNS/ALA	WATERHOUSE ISLAND	TAS	YWTH/ALA
VICTOR HARBOR	SA	YVTH/HLS	WATERLOO (NT)	NT	YWTL/ALA
VICTOR ISLAND EAST	QLD	YVIE/HLS	WATHANIN	QLD	YWNI/ALA
VICTOR ISLAND WEST	QLD	YVIW/HLS	WATSON RIVER	QLD	YWTV/ALA
VICTORIA BARRACKS	NSW	YVCB/HLS	WATTLE HILLS	QLD	YWAT/ALA
VICTORIA PARK	NSW	YVPK/HLS	WATTS BRIDGE	QLD	YWSG/ALA
VICTORIA POLICE CENTRE	VIC	YVPC/HLS	WAUCHOPE	NT	YWAC/ALA
VICTORIA RIVER DOWNS	NT	YVRD/ALA	WAVE HILL	NT	YWAV/ALA
VICTORIA VALLEY AIRBASE	VIC	YVVA/ALA	WAVE ROCK	WA	YWRC/ALA
VICTORIAN HEART HOSPITAL	VIC	YXVH/HLS	WEDDERBURN	NSW	YWBN/ALA
VIOLET VALE	QLD	YVVL/ALA	WEDGE ISLAND	SA	YWGI/ALA
VIVONNE BAY	SA	YVOB/ALA	WEE WAA HOSPITAL	NSW	YXWW/HLS
WAGGA WAGGA	NSW	YSWG/AD	WEEWONDILLA	QLD	YWWD/ALA
WAGGA WAGGA HOSPITAL	NSW	YXWG/HLS	WEILMORINGLE	NSW	YWMG/ALA
WAGIN	WA	YWGN/ALA	WEIPA	QLD	YBWP/AD
WAHRING FIELD	VIC	YWHG/ALA	WEIPA HELIPORT	QLD	YWEH/HLS
WAHROONGAH	QLD	YWAH/ALA	WEIPA HOSPITAL	QLD	YXEP/HLS
WAIKERIE	SA	YWKI/ALA	WELFORD	QLD	YWLF/ALA
WAKOOL/TULLABURRA	NSW	YTUB/ALA	WELL 33	WA	YWEX/ALA
WALCHA	NSW	YWCH/ALA	WELLCLOSE	QLD	YWEC/ALA
WALCHA MEDICAL	NSW	YXWH/HLS	WELLINGTON	NSW	YWEL/ALA
WALCROW MEDICAL	NSW	YXWR/HLS	WELLINGTON MEDICAL	NSW	YXWT/HLS
WALDBURG HS	WA	YWAB/ALA	WENTWORTH	NSW	YWTO/AD
WALGETT	NSW	YWLG/AD	WENTWORTH	QLD	YWWH/ALA
WALHALLOW STN	NT	YWHL/ALA	WERNADINGA	QLD	YWER/ALA
WALKER RIVER	NT	YWRV/ALA	WERRINGTON	QLD	YWRS/ALA
WALLABADAH MEDICAL	NSW	YXWV/HLS	WERRIS CREEK MEDICAL	NSW	YXWI/HLS
WALLAL DOWNS	WA	YWAL/ALA	WERTALLOONA	SA	YWEO/ALA
WALLAROO	SA	YWRO/HLS	WEST ANGELAS	WA	YANG/AD
WALPOLE	WA	YWPE/ALA	WEST KINGFISH PLATFORM	VIC	YUFW/HLS
WANAARING	NSW	YWAG/ALA	WEST MUSGRAVE	WA	YWMO/AD
WANDA BEACH	NSW	YWAN/HLS	WEST SALE	VIC	YWSL/AD
WANDAGEE STN	WA	YWGE/ALA	WEST TUNA PLATFORM	VIC	YUNW/HLS
WANDO VALE	QLD	YWDV/ALA	WEST WYALONG	NSW	YWWL/AD
WANDOAN	QLD	YWNN/ALA	WESTBURY	QLD	YWBY/ALA
WANDOO ALPHA	WA	YWAA/HLS	WESTBURY/CROFTON FARM	TAS	YCRF/ALA
WANDOO BRAVO	WA	YWAO/HLS	WESTMEAD CASB	NSW	YXWS/HLS
WANDU	NSW	YWDU/ALA	WESTMEAD CHILDRENS HOSPITAL	NSW	YXWM/HLS
WANELLA STATION	QLD	YWEA/ALA	WESTMORELAND	QLD	YWML/ALA
WANGARATTA	VIC	YWGT/AD	WESTONIA	WA	YWSX/ALA
WANNAN	WA	YWAX/ALA	WHEATSTONE PLATFORM	WA	YWTP/HLS
WARBRECCAN	QLD	YWCN/ALA	WHITE CLIFFS	NSW	YWHC/AD
WARBURTON	WA	YWBR/AD	WHITE GUM	WA	YWGM/ALA
WARIALDA	NSW	YWRL/ALA	WHITING PLATFORM	VIC	YUWH/HLS
WARKWORTH	NSW	YWKW/ALA	WHYALLA	SA	YWHA/AD
WARKWORTH MEDICAL	NSW	YXWK/HLS	WHYALLA (QLD)	QLD	YWYL/ALA
WARNERVALE	NSW	YWVA/ALA	WHYTES ISLAND	QLD	YWHY/HLS
WARRABER ISLAND	QLD	YWBS/ALA	WIEAMBILLA/KENYA	QLD	YWIM/HLS
WARRABRI	NT	YWBI/ALA	WIGRAM IS	NT	YWIG/ALA
WARRACKNABEAL	VIC	YWKB/AD			

LOCATION	STATE	CODE
WILANDRA	NSW	YWIL/ALA
WILCANNIA	NSW	YWCA/AD
WILKINS RUNWAY	OTH	YWKS/AD
WILLEROO	NT	YWLO/ALA
WILLIAM CREEK	SA	YWMC/ALA
WILLIAMBURY	WA	YWMY/ALA
WILLIAMSON	QLD	YWIS/ALA
WILLIAMTOWN	NSW	YWLM/AD
WILLIS IS	OTH	YWLD/HLS
WILLIWIN	QLD	YWWX/ALA
WILLOWBANK	QLD	YWIN/ALA
WILLOWRA	NT	YWLA/ALA
WILPENA	SA	YWPN/ALA
WILPOORINNA	SA	YWPR/ALA
WILSON'S CAMP	NT	YWCM/ALA
WILTON	NSW	YWIO/ALA
WILUNA	WA	YWLU/AD
WINCHELSEA	VIC	YWCS/HLS
WINDARLING	WA	YWDG/AD
WINDARRA	WA	YWDA/ALA
WINDJANA GORGE	WA	YWDJ/ALA
WINDORAH	QLD	YWDH/AD
WINGELLINA	WA	YWNL/ALA
WINNING POOL NORTH	WA	YWPL/ALA
WINTINNA	SA	YWTA/ALA
WINTON	QLD	YWTN/AD
WIRRALIE GOLD MINE	QLD	YWIE/ALA
WIRRAMINNA	SA	YWIR/ALA
WIRRAWAY STATION	QLD	YWWS/ALA
WIRREALPA	SA	YWPA/ALA
WIRRINA	SA	YWII/HLS
WISEMANS FERRY	NSW	YWSF/ALA
WITCHELINA	SA	YWHI/ALA
WOLEEBEE CREEK	QLD	YEBE/HLS
WOLGAN VALLEY HELIPORT	NSW	YWVR/HLS
WOLLOGORANG	NT	YWOR/ALA
WOLLOMOMBI	NSW	YWMM/ALA
WOLLONGONG HELIPORT	NSW	YWHP/HLS
WOLLONGONG HOSPITAL	NSW	YXWL/HLS
WOLVERTON	QLD	YWVN/ALA
WOMBLEBANK HS	QLD	YWBB/ALA
WONDAI	QLD	YWND/ALA
WONDAI HOSPITAL	QLD	YXWO/HLS
WONDOOLA	QLD	YWDL/ALA
WONGALARA	NT	YWON/ALA
WONGAN HILLS	WA	YWOH/ALA
WONGANOO	WA	YWNO/ALA
WONGAWOL	WA	YWGW/ALA
WONTHAGGI TOWNSHIP	VIC	YWOG/HLS
WOODIE WOODIE	WA	YWWI/AD
WOODIKAPILDIA	NT	YWKD/ALA
WOODSIDE	SA	YWDS/HLS
WOODSTOCK STATION	QLD	YWSN/ALA
WOODVALE	NSW	YWOO/ALA
WOOLEEN HS	WA	YWEE/ALA
WOOLGOOLGA MEDICAL	NSW	YXWU/HLS
WOOLNER	NT	YWNR/ALA
WOOLOOMANATA	VIC	YWOT/ALA
WOOLTANA	SA	YWLN/ALA
WOOMERA	SA	YPWR/AD
WOORABINDA	QLD	YWBA/ALA
WOORABINDA HEALTH SERVICE	QLD	YXND/HLS
WOOROONA	QLD	YWRA/ALA
WROTHAM PARK	QLD	YWMP/ALA
WROTHAM PARK RESORT	QLD	YWMR/ALA
WUDINNA	SA	YWUD/AD
WUJAL WUJAL	QLD	YWJL/HLS
WULWUWUY	NT	YWUL/ALA
WYAGIPO	NT	YWYG/ALA
WYALKATCHEM	WA	YWKM/ALA
WYANDOTTE	QLD	YWDT/ALA
WYANDRA	QLD	YWYA/ALA
WYCHEPROOF	VIC	YWYF/AD
WYLOO STATION	WA	YLOO/ALA
WYNBRING	SA	YWYB/ALA
WYNDHAM	WA	YWYM/AD
WYNELLA	QLD	YWYN/ALA
WYNYARD	TAS	YWYY/AD
WYOMING	QLD	YWYO/HLS
WYONG HOSPITAL	NSW	YXWY/HLS
WYREEMA	QLD	YWYR/ALA
WYUNA	WA	YWYU/ALA
YACAMUNDA	QLD	YYAC/ALA
YACKABINDIE	WA	YYAB/ALA
YALAKUN STN	NT	YYLK/ALA
YALATA MISSION	SA	YYTA/ALA
YALDA DOWNS HS	NSW	YYLD/ALA
YALGOO	WA	YYAL/ALA
YALLALONG HS	WA	YYLG/ALA
YALYMBOO	SA	YYOO/ALA
YAM ISLAND	QLD	YYMI/ALA
YAMARNA	WA	YYRN/ALA
YAMBA	NSW	YAMA/HLS
YANDIEARRA	WA	YYYA/ALA
YANREY	WA	YYNR/ALA
YARAKA	QLD	YYKA/ALA
YARLARWEELOR	WA	YYRW/ALA
YARRABAH	QLD	YYBH/HLS
YARRADEN	QLD	YYDN/ALA
YARRALIN	NT	YAAL/ALA
YARRAM	VIC	YYRM/AD
YARRAWONGA	VIC	YYWG/AD
YARROWMERE	QLD	YYME/ALA
YASS HOSPITAL	NSW	YXYA/HLS
YEA	VIC	YEAT/HLS
YEABURN	VIC	YYEA/ALA
YELLOW BANK JUNCTION	QLD	YYLL/ALA
YERILLA	WA	YYER/ALA
YINNIETHARRA STN	WA	YYIN/ALA
YINYIKAY	NT	YYAY/ALA
YOLANDRA	NSW	YOLO/ALA
YOLLA PLATFORM	TAS	YOLL/HLS
YORKE ISLAND	QLD	YYKI/AD
YORKETOWN	SA	YYOR/ALA
YORKETOWN HOSPITAL	SA	YXYK/HLS

LOCATION	*STATE*	*CODE*	*LOCATION*	*STATE*	*CODE*
YOUANMI	WA	YOUN/ALA	YUNDAMINDRA	WA	YYDM/ALA
YOUNG	NSW	YYNG/AD	YUNTA	SA	YYUN/ALA
YOUNG HOSPITAL	NSW	YXYO/HLS	ZANTHUS	WA	YZAN/ALA
YOWAH	QLD	YYWA/ALA	ZONE FIVE	WA	YZON/ALA
YUENDUMU	NT	YYND/ALA			

AERODROMES AND ALA CODES - DECODED

CODE	LOCATION	STATE
BHD/HLS	BHD SUPPLY MOBILE RIG	WA
KIT/HLS	KITAN MOBILE RIG	WA
XMR/HLS	MARINE 500 MOBILE DRILLING RIG	WA
XOL/HLS	OCEAN LEGEND	WA
YAAL/ALA	YARRALIN	NT
YAAP/HLS	PINKENBA	QLD
YABA/AD	ALBANY	WA
YABB/ALA	UPPER WARREGO/ BABBILOORA	QLD
YABD/ALA	ABERDEEN	QLD
YABF/ALA	ABERFOYLE	QLD
YABG/ALA	ABBIEGLASSIE	QLD
YABI/ALA	ABINGDON DOWNS	QLD
YABL/ALA	AMBALINDUM	NT
YABP/ALA	MOOGA/BRINDLEY PARK	QLD
YABR/AD	ABRA MINE	WA
YABS/ALA	ALBION DOWNS	WA
YACD/ALA	ALICE DOWNS STN	QLD
YACI/ALA	ARCADIA	QLD
YACR/ALA	LOTUS CREEK/CROYDON	QLD
YADA/ALA	ADAVALE	QLD
YADD/ALA	ARUBIDDY	WA
YADE/ALA	ANNANDALE	QLD
YADG/ALA	ALDINGA	SA
YADO/ALA	ANDADO	NT
YADR/ALA	ALDERSYDE	QLD
YADS/ALA	ALTON DOWNS	SA
YADY/ALA	ADAMINABY	NSW
YAFD/HLS	ALFRED HOSPITAL	VIC
YAGD/ALA	AUGUSTUS DOWNS	QLD
YAGL/ALA	ARGYLE	QLD
YAGP/HLS	ANGEL PLATFORM	WA
YAHD/ALA	ASHBURTON DOWNS	WA
YAIN/HLS	AGINCOURT NORTH	QLD
YAIR/ALA	MOREE/BEELA	NSW
YAIS/HLS	AGINCOURT SOUTH	QLD
YALA/ALA	MARLA	SA
YALC/ALA	ALCOOTA STN	NT
YALD/ALA	ALROY DOWNS	NT
YALG/ALA	ADELS GROVE	QLD
YALH/ALA	ALBILBAH	QLD
YALM/ALA	ALLAMBIE	NT
YALN/ALA	ALLANDY	NSW
YALP/ALA	ALPURRURULAM	NT
YALR/ALA	AILERON	NT
YALT/HLS	ALTHORPE ISLAND	SA
YALX/ALA	ALEXANDRIA STN	NT
YALY/ALA	ALDERLEY	QLD
YAMA/HLS	YAMBA	NSW
YAMB/AD	AMBERLEY	QLD
YAMC/ALA	ARAMAC	QLD
YAMJ/ALA	AMPILATWATJA	NT
YAML/ALA	ARMRAYNALD	QLD
YAMM/ALA	AMMAROO	NT
YAMN/ALA	ALAMEIN	SA
YAMO/ALA	BELYANDO/MORAY DOWNS	QLD
YAMT/ALA	AMATA	SA
YAND/ALA	ANSWER DOWNS	QLD
YANE/HLS	MOUNT ANNE	TAS
YANG/AD	WEST ANGELAS	WA
YANJ/ALA	ANGATJA	SA
YANK/ALA	ANNA CREEK	SA
YANL/ALA	ANTHONY LAGOON	NT
YANN/ALA	ANNINGIE	NT
YANO/ALA	ARNO HS	QLD
YANR/ALA	ANABURROO	NT
YANW/ALA	ANNITOWA	NT
YAOC/ALA	DUNMORE/OPAL CREEK	QLD
YAOD/HLS	AUST AGE OF DINOSAURS MUSEUM	QLD
YAOR/ALA	ARDMORE	QLD
YAPA/ALA	ANNA PLAINS HS	WA
YAPH/AD	ALPHA	QLD
YAPO/ALA	APOLLO BAY	VIC
YAQA/ALA	AQUILA	QLD
YAQM/HLS	BUNDOORA/AQUILA MINE	QLD
YARA/AD	ARARAT	VIC
YARC/ALA	ARCHER RIVER	QLD
YARD/ALA	ARGADARGADA	NT
YARE/ALA	REDFORD/REDFORD STATION	QLD
YARF/HLS	ARLINGTON REEF	QLD
YARI/ALA	ARIZONA HS	QLD
YARK/ALA	ARKAROOLA	SA
YARL/ALA	ARDLETHAN	NSW
YARM/AD	ARMIDALE	NSW
YARN/ALA	AREYONGA	NT
YARP/ALA	ARAPUNYA	NT
YARR/ALA	MORANBAH/RUGBY RUN	QLD
YARY/ALA	ARRABURY	QLD
YASF/ALA	ASHFORD	NSW
YASH/ALA	ASHGROVE	QLD
YATN/ALA	ATHERTON	QLD
YATR/ALA	AMPHITHEATRE	VIC
YATU/ALA	ARCTURUS DOWNS HS	QLD
YAUA/ALA	AUGATHELLA	QLD
YAUB/ALA	AUBURN	QLD
YAUG/ALA	AUGUSTA	WA
YAUR/AD	AURUKUN	QLD
YAUS/ALA	AUSTRAL DOWNS STN	NT
YAUT/ALA	AUTEUIL	QLD
YAUV/ALA	AUVERGNE STN	NT
YAVD/ALA	AVON DOWNS	NT
YAVE/ALA	AVALON EAST	VIC
YAVS/ALA	ALSTONVILLE SOUTH	NSW
YAVY/ALA	AVYMORE	NSW
YAWT/ALA	AGNES WATER	QLD
YAXA/HLS	ALEXANDRA	VIC
YAYE/AD	AYERS ROCK/CONNELLAN	NT
YAYR/ALA	AYR	QLD
YBAB/ALA	BARALABA	QLD
YBAD/ALA	BARADINE	NSW
YBAF/AD	BRISBANE/ARCHERFIELD	QLD

CODE	LOCATION	STATE	CODE	LOCATION	STATE
YBAK/ALA	BROOKLANDS AIR PARK	SA	YBGD/AD	BOOLGEEDA	WA
YBAL/ALA	BALLADONIA	WA	YBGE/ALA	BOODGE	WA
YBAN/ALA	MOUNT BARNETT	WA	YBGI/ALA	BALGAIR	WA
YBAR/AD	BARCALDINE	QLD	YBGO/AD	BALGO HILL	WA
YBAS/AD	ALICE SPRINGS	NT	YBGR/ALA	BRIDGEWATER	VIC
YBAU/ALA	BADU ISLAND	QLD	YBGT/ALA	BUDGERYGAR STN	QLD
YBAW/ALA	BARKLY DOWNS	QLD	YBGU/HLS	BULGA UNDERGROUND	NSW
YBAY/ALA	BAYGURTJI	NT	YBHB/ALA	BATHURST HARBOUR	TAS
YBBA/ALA	BARRABA	NSW	YBHI/AD	BROKEN HILL	NSW
YBBC/ALA	BAMBOO CREEK GOLD MINE	WA	YBHK/ALA	BUSHY PARK	QLD
YBBF/ALA	BROOKLET/BLUEBERRY FIELDS	NSW	YBHL/ALA	BINDOON HILL	WA
YBBH/ALA	BIRRI BEACH	QLD	YBHM/AD	HAMILTON ISLAND	QLD
YBBL/ALA	BILLABALONG	WA	YBHN/ALA	BLENHEIM	QLD
YBBN/AD	BRISBANE	QLD	YBIC/ALA	BICKERTON ISLAND	NT
YBBO/ALA	BON BON	SA	YBIE/AD	BEDOURIE	QLD
YBBS/ALA	BAN BAN SPRINGS	NT	YBIG/ALA	BING BONG	NT
YBBT/ALA	BOORT	VIC	YBIK/ALA	BILLA KALINA	SA
YBBY/ALA	BINGIL BAY AIRFIELD	QLD	YBIL/ALA	BILLILUNA	WA
YBCA/ALA	BULLA CAMP	NT	YBIN/ALA	BIGGENDEN	QLD
YBCB/ALA	BENCUBBIN	WA	YBIR/AD	BIRCHIP	VIC
YBCD/ALA	BLACKWOOD	QLD	YBIT/ALA	BULLITA	NT
YBCF/ALA	BEACONSFIELD	QLD	YBIU/ALA	BALLIDU	WA
YBCG/AD	GOLD COAST	QLD	YBIY/ALA	BIRANYBIRANY	NT
YBCH/ALA	BEECHWORTH	VIC	YBJP/ALA	BARRARATJPI	NT
YBCK/AD	BLACKALL	QLD	YBJW/ALA	BANJAWARN	WA
YBCM/ALA	COOMINYA	QLD	YBKA/ALA	BANKSIA	QLD
YBCR/ALA	BATCHELOR	NT	YBKD/ALA	BLACK DOWNS STN	QLD
YBCS/AD	CAIRNS/CAIRNS INTL	QLD	YBKE/AD	BOURKE	NSW
YBCT/HLS	BLACK TIP WHP	WA	YBKL/ALA	BUKADAL	NT
YBCV/AD	CHARLEVILLE	QLD	YBKS/ALA	BARKLY HOMESTEAD	NT
YBCX/ALA	KOORINGAL/BAROCO	QLD	YBKT/AD	BURKETOWN	QLD
YBDA/HLS	BEDARRA ISLAND	QLD	YBKW/ALA	BURKE AND WILLS	QLD
YBDD/ALA	BRAIDWOOD (QLD)	QLD	YBLA/AD	BENALLA	VIC
YBDF/ALA	BEDFORD DOWNS	WA	YBLB/ALA	BILLABONG ROAD HOUSE	WA
YBDG/AD	BENDIGO	VIC	YBLC/ALA	BALCANOONA	SA
YBDL/ALA	BRACADALE STATION	SA	YBLD/ALA	BROOKLANDS	WA
YBDM/ALA	OLD BUNDEMAR	NSW	YBLE/ALA	BILOELA	QLD
YBDO/ALA	BALLANDOOL	QLD	YBLG/ALA	BOLLARDS LAGOON	SA
YBDP/ALA	BRIDPORT	TAS	YBLI/ALA	BALD HILLS	NSW
YBDR/HLS	BEAUDESERT	QLD	YBLL/ALA	BOLLON	QLD
YBDS/ALA	BIRTHDAY SIDING	SA	YBLM/ALA	BLINMAN	SA
YBDU/ALA	BIRRINDUDU	NT	YBLN/AD	BUSSELTON	WA
YBDV/AD	BIRDSVILLE	QLD	YBLO/ALA	BULLIO	NSW
YBEA/ALA	BEEANTHA	QLD	YBLP/ALA	BLUEWATER PARK	QLD
YBEB/ALA	BELLBURN	WA	YBLT/AD	BALLARAT	VIC
YBEC/ALA	BEACON	WA	YBLU/AD	BELLEVUE	WA
YBED/ALA	BERRIDALE	NSW	YBLX/ALA	BELLGREE	QLD
YBEE/ALA	BEVERLEY MINE	SA	YBMA/AD	MOUNT ISA	QLD
YBEG/ALA	BENING FIELD	QLD	YBMD/ALA	BLOOMFIELD	QLD
YBEO/ALA	BETOOTA	QLD	YBMG/HLS	BERMAGUI	NSW
YBER/ALA	BREMER BAY	WA	YBMI/ALA	BOOMI	NSW
YBEU/ALA	BEULAH	VIC	YBMK/AD	MACKAY	QLD
YBEV/ALA	BEVERLEY (WA)	WA	YBMR/HLS	BARMERA	SA
YBEY/ALA	BARENYA	QLD	YBMU/ALA	BARMOUNT	QLD
YBFM/ALA	BEEF MACHINE	WA	YBMY/ALA	BAMYILI	NT
YBFT/ALA	BEAUFORT	VIC	YBNA/AD	BALLINA/BYRON GATEWAY	NSW
YBFW/HLS	BEEFWOOD	QLD	YBNC/ALA	BANNOCKBURN	WA
YBGB/ALA	BEAGLE BAY	WA	YBND/ALA	BENDICK MURRELL	NSW

CODE	LOCATION	STATE	CODE	LOCATION	STATE
YBNE/HLS	BAAL BONE COLLIERY	NSW	YBTH/AD	BATHURST	NSW
YBNH/HLS	BILLABONG HOUSE	QLD	YBTI/AD	BATHURST ISLAND	NT
YBNI/ALA	BANIYALA	NT	YBTK/ALA	BENTINCK ISLAND	QLD
YBNM/ALA	BENMARA	NT	YBTL/AD	TOWNSVILLE/TOWNSVILLE INTL	QLD
YBNP/HLS	BARRONUP	QLD	YBTN/ALA	BARTON SIDING	SA
YBNR/ALA	BROWNS RANGE	WA	YBTP/ALA	BATTLE CAMP STN	QLD
YBNS/AD	BAIRNSDALE	VIC	YBTR/ALA	BLACKWATER	QLD
YBNY/ALA	BRUNCHILLY STN	NT	YBTT/ALA	BUTTABONE	NSW
YBOA/ALA	BOONAH	QLD	YBTU/ALA	BOOTU CREEK	NT
YBOB/ALA	BOORABIN	WA	YBTV/ALA	BATAVIA DOWNS	QLD
YBOC/ALA	BOOLEROO CENTRE	SA	YBTX/ALA	BRIGHTLANDS	QLD
YBOI/ALA	BOIGU ISLAND	QLD	YBUD/AD	BUNDABERG	QLD
YBOK/AD	OAKEY	QLD	YBUG/ALA	BULGA DOWNS STATION	WA
YBOL/ALA	BOGGABILLA	NSW	YBUH/ALA	BUCKINGHAM DOWNS	QLD
YBOM/ALA	BOMBALA	NSW	YBUI/HLS	BURNIE	TAS
YBOO/ALA	BINDOON	WA	YBUL/ALA	BULGUNNIA	SA
YBOP/ALA	BOYUP BROOK	WA	YBUN/AD	BUNBURY	WA
YBOR/ALA	BORDERTOWN	SA	YBUO/ALA	BULLOO DOWNS	QLD
YBOS/ALA	BROOKING SPRINGS HS	WA	YBUR/ALA	BURRUM	NT
YBOT/ALA	BOATMAN	QLD	YBUT/ALA	BUTHEROO STN	NSW
YBOU/AD	BOULIA	QLD	YBUX/ALA	BULLERINGA	QLD
YBOV/ALA	BORDER VILLAGE	SA	YBUY/ALA	BUNYAN	NSW
YBOY/ALA	BOOYLGOO SPRINGS	WA	YBVA/ALA	BALAKLAVA	SA
YBPI/ALA	BRAMPTON ISLAND	QLD	YBVE/ALA	BELLEVUE	QLD
YBPK/HLS	BATMAN PARK HELIPORT	VIC	YBVY/ALA	BULLO RIVER VALLEY	NT
YBPL/ALA	BULLAMON PLAINS	QLD	YBWG/ALA	BRONZEWING	WA
YBPN/AD	PROSERPINE/WHITSUNDAY COAST	QLD	YBWH/ALA	BLUE LAGOON	QLD
YBRA/ALA	BENAMBRA	VIC	YBWI/ALA	BURDEKIN WILDERNESS LODGE	QLD
YBRB/HLS	BROWSE BASIN	WA	YBWL/ALA	BRAMWELL STATION	QLD
YBRC/ALA	BARROW CREEK	NT	YBWM/ALA	BULIMBA	QLD
YBRD/ALA	BRADSHAW	NT	YBWN/AD	BOWEN	QLD
YBRE/ALA	BREMER ISLAND	NT	YBWO/ALA	BOWEN DOWNS	QLD
YBRG/ALA	BALURGA	QLD	YBWP/AD	WEIPA	QLD
YBRI/HLS	BERRI	SA	YBWR/ALA	BOLWARRA	QLD
YBRJ/ALA	BURREN JUNCTION	NSW	YBWS/HLS	BROWSE ISLAND	WA
YBRK/AD	ROCKHAMPTON	QLD	YBWW/AD	BRISBANE WEST WELLCAMP	QLD
YBRL/ALA	BORROLOOLA	NT	YBWX/AD	BARROW ISLAND	WA
YBRM/AD	BROOME/INTL	WA	YBXU/HLS	MOUNT BULLER	VIC
YBRN/AD	BALRANALD	NSW	YBYD/ALA	BONNEY DOWNS STN	WA
YBRO/ALA	BRUCE ROCK	WA	YBYI/ALA	BRUNY ISLAND	TAS
YBRS/ALA	BARWON HEADS/GEELONG	VIC	YBYL/ALA	BARYULGIL	NSW
YBRU/ALA	BRUNETTE DOWNS	NT	YBYM/ALA	BUYMARR	NT
YBRW/AD	BREWARRINA	NSW	YBYO/HLS	BRYMAROO	QLD
YBRY/AD	BARIMUNYA	WA	YBYU/HLS	BAYU UNDAN	WA
YBSA/HLS	BAROSSA	OTH	YBYW/ALA	BAYSWATER	QLD
YBSF/ALA	BERESFORD	QLD	YCAB/ALA	CABOOLTURE	QLD
YBSG/AD	SCHERGER (RAAF)	QLD	YCAG/ALA	CAIGUNA	WA
YBSM/HLS	BLOSSOM BANKS	QLD	YCAH/ALA	COOLAH	NSW
YBSN/ALA	BESSIE SPRINGS	NT	YCAI/ALA	CALLION	WA
YBSO/HLS	BULGA SURFACE OPERATIONS	NSW	YCAJ/ALA	CADJEBUT	WA
YBSP/ALA	BOND SPRINGS	NT	YCAL/ALA	CASTLEMAINE	VIC
YBSR/ALA	BLACKSTONE RANGE	WA	YCAM/ALA	CANNINGTON STN	QLD
YBSS/ALA	BACCHUS MARSH	VIC	YCAN/ALA	CANNON HILL COMMUNITY	NT
YBST/ALA	BILLABONG STN	NSW	YCAP/ALA	CAPEL	WA
YBSU/AD	SUNSHINE COAST	QLD	YCAR/AD	CARNARVON	WA
YBTC/ALA	BEATRICE DOWNS	QLD	YCAS/ALA	CASINO	NSW
YBTD/ALA	BRIGHTON DOWNS	QLD	YCAV/HLS	CARAVONICA	QLD

CODE	LOCATION	STATE	CODE	LOCATION	STATE
YCAX/HLS	CARRARA	QLD	YCHU/ALA	CHUULANGUN	QLD
YCAY/HLS	CASEY STATION	OTH	YCIG/ALA	CORRIGIN	WA
YCBA/AD	COBAR	NSW	YCII/ALA	COLLINS ISLAND	QLD
YCBB/AD	COONABARABRAN	NSW	YCIL/ALA	CARLTON HILL	WA
YCBC/ALA	COME BY CHANCE	NSW	YCIN/AD	CURTIN	WA
YCBE/ALA	CANOBIE	QLD	YCIP/ALA	CRAIG'S POCKET	QLD
YCBG/ALA	HOBART/CAMBRIDGE	TAS	YCJU/ALA	CONJUBOY	QLD
YCBH/HLS	CAIRNS HOSPITAL	QLD	YCKD/ALA	CLARKE ISLAND	TAS
YCBL/ALA	CAMBALLIN	WA	YCKI/AD	CROKER ISLAND	NT
YCBM/HLS	COBRAM	VIC	YCKN/AD	COOKTOWN	QLD
YCBN/ALA	CAPE BARREN ISLAND	TAS	YCKY/ALA	COCKLEBIDDY	WA
YCBP/AD	COOBER PEDY	SA	YCLA/HLS	CLARE	SA
YCBR/ALA	COLLARENEBRI	NSW	YCLB/ALA	BRUKUNGA/CLAREMONT	SA
YCBY/HLS	COW BAY	QLD	YCLD/HLS	COPPERLODE DAM	QLD
YCCA/AD	CHINCHILLA	QLD	YCLG/ALA	COOLGARDIE	WA
YCCK/ALA	CANTEEN CREEK	NT	YCLH/ALA	COOLULLAH	QLD
YCCR/ALA	COOMALIE CREEK	NT	YCLM/ALA	COLLYMONGLE	NSW
YCCT/ALA	COCONUT ISLAND	QLD	YCLN/HLS	CHARLIE ONE	WA
YCCY/AD	CLONCURRY	QLD	YCLO/ALA	COWL COWL	NSW
YCDA/ALA	CARDOWAN	QLD	YCLQ/ALA	CAPE LEVEQUE	WA
YCDB/ALA	COONDAMBO	SA	YCLS/ALA	COLONSAY	QLD
YCDE/ALA	COBDEN	VIC	YCLT/ALA	COLLINS LOWER TULLY	QLD
YCDH/ALA	CADNEY HOMESTEAD	SA	YCLV/ALA	CLARAVALE	NT
YCDO/AD	CONDOBOLIN	NSW	YCLY/ALA	COLEAMBALLY	NSW
YCDP/HLS	CHARLES DARWIN	NT	YCMB/ALA	CAMBOOYA	QLD
YCDR/ALA	CALOUNDRA	QLD	YCMC/ALA	COMMANCHE	QLD
YCDS/ALA	CHILDERS	QLD	YCMD/ALA	COMMODORE	SA
YCDT/ALA	CARANDOTTA	QLD	YCMH/ALA	CAMDEN HAVEN	NSW
YCDU/AD	CEDUNA	SA	YCMK/ALA	CAMEL CREEK	QLD
YCDV/ALA	CALDERVALE STN	QLD	YCMM/ALA	CUMMINS TOWN	SA
YCDW/ALA	CARDWELL/DALLACHY	QLD	YCMT/AD	CLERMONT	QLD
YCED/ALA	CEDARS PARK	QLD	YCMU/AD	CUNNAMULLA	QLD
YCEE/AD	CLEVE	SA	YCMW/AD	CAMOOWEAL	QLD
YCEL/ALA	CAPELLA	QLD	YCNF/AD	NIFTY	WA
YCEM/ALA	COLDSTREAM	VIC	YCNG/ALA	COORANGA	SA
YCES/ALA	CERES	VIC	YCNH/ALA	CARNAMAH	WA
YCFD/ALA	CAMFIELD STN	NT	YCNK/AD	CESSNOCK	NSW
YCFE/ALA	CORFIELD	QLD	YCNM/AD	COONAMBLE	NSW
YCFH/ALA	CLIFTON HILLS	SA	YCNN/ALA	COONANA	WA
YCFL/ALA	CAPE FLATTERY	QLD	YCNP/ALA	CHANNEL PT	NT
YCFN/ALA	CLIFTON	QLD	YCNQ/ALA	COONAWARRA	SA
YCFS/AD	COFFS HARBOUR	NSW	YCNT/HLS	CROWS NEST	QLD
YCGI/ALA	CARNEGIE HS	WA	YCNY/AD	CENTURY MINE	QLD
YCGL/ALA	CUNGELELLA	QLD	YCOA/ALA	COALLING EAST	WA
YCGO/AD	CHILLAGOE	QLD	YCOD/ALA	CORDILLO DOWNS	SA
YCGP/ALA	COTTAGE POINT	NSW	YCOE/AD	COEN	QLD
YCGR/ALA	CHALLENGER	SA	YCOF/ALA	COFFIN BAY	SA
YCHA/ALA	CHARLOTTE PLAINS	QLD	YCOH/ALA	COHUNA	VIC
YCHB/ALA	CHERRABAH	QLD	YCOI/ALA	COLLIE	WA
YCHD/ALA	CHADWICK	SA	YCOL/ALA	COLANYA	QLD
YCHE/ALA	CASHMERE DOWNS STN	WA	YCOM/AD	COOMA - SNOWY MOUNTAINS	NSW
YCHI/ALA	CAPE SHIELD (DJARRAKPI)	NT	YCOO/ALA	COOINDA	NT
YCHK/AD	CHRISTMAS CREEK	WA	YCOP/HLS	CORNY PT	SA
YCHL/ALA	CHARLTON	VIC	YCOR/AD	COROWA	NSW
YCHN/HLS	CHALLENGER SURVEY SHIP	WA	YCOS/ALA	COSMO NEWBERRY	WA
YCHQ/ALA	CHESTERFIELD	QLD	YCOT/ALA	CORMORANT	QLD
YCHS/ALA	CHEVIOT HILLS	QLD	YCOY/ALA	CORAL BAY	WA
YCHT/AD	CHARTERS TOWERS	QLD	YCPD/ALA	CAPE DON	NT

CODE	LOCATION	STATE
YCPI/ALA	CHEEPIE	QLD
YCPK/ALA	COOMBING PARK	NSW
YCPL/HLS	CAPE LAMBERT	WA
YCPN/ALA	CARPENTARIA DOWNS	QLD
YCPR/AD	CAPE PRESTON	WA
YCPS/ALA	CANOPUS PARK	QLD
YCPT/AD	CARRAPATEENA	SA
YCPX/ALA	MIDDLE POINT	NT
YCRA/ALA	CARINDA	NSW
YCRB/ALA	COORABIE	SA
YCRE/ALA	CRESSY	VIC
YCRF/ALA	WESTBURY/CROFTON FARM	TAS
YCRG/AD	CORRYONG	VIC
YCRL/ALA	CROOKWELL	NSW
YCRM/HLS	CRADLE MOUNTAIN	TAS
YCRN/ALA	CRANBOURN	TAS
YCRO/HLS	CROWN TOWERS HELIPORT	WA
YCRP/ALA	CORELLA PARK	QLD
YCRS/ALA	CARINA DOWNS	QLD
YCRT/ALA	CARRIETON	SA
YCRX/HLS	CRUX PLATFORM	OTH
YCRY/ALA	CROYDON	QLD
YCSA/ALA	COMPRESSOR STN 3	WA
YCSB/ALA	COMPRESSOR STN 5	WA
YCSC/ALA	COMPRESSOR STN 6	WA
YCSD/ALA	COMPRESSOR STN 1	WA
YCSE/ALA	COMPRESSOR STN 2	WA
YCSF/ALA	COMPRESSOR STN 4	WA
YCSI/ALA	CASSILIS	QLD
YCSK/ALA	CASEY SKIWAY	OTH
YCSL/ALA	CONSUELO	QLD
YCSM/ALA	CROSSMORE	QLD
YCSP/ALA	CURTIN SPRINGS	NT
YCST/ALA	CARCUMA/CARCORY STATION	SA
YCSV/ALA	COLLINSVILLE	QLD
YCSW/ALA	CAMP ENGSTROM WOOLSHED	QLD
YCTA/ALA	COOLATAI	NSW
YCTC/ALA	COTTEN CREEK	WA
YCTH/ALA	CHATSWORTH STATION	QLD
YCTI/ALA	COCKATOO ISLAND	WA
YCTM/AD	COOTAMUNDRA	NSW
YCTN/ALA	CASTERTON	VIC
YCTO/ALA	CALLINGTON	SA
YCTP/ALA	COEN TOWN	QLD
YCTS/ALA	CALTON HILLS	QLD
YCTW/ALA	CORK TREE WELL	WA
YCUD/ALA	CUDDAPAN	QLD
YCUE/AD	CUE	WA
YCUN/AD	CUNDERDIN	WA
YCUW/ALA	CURRAWILLA HS	QLD
YCVA/ALA	CLARE VALLEY	SA
YCVG/ALA	CALVIN GROVE	SA
YCVH/ALA	CALVERT HILLS	NT
YCVK/ALA	CRAVENS PEAK	QLD
YCVS/ALA	CERVANTES	WA
YCWA/AD	COONDEWANNA	WA
YCWC/ALA	CONNELLANS WILDMAN LAGOON CAMP	NT
YCWH/ALA	COMMONWEALTH HILL	SA
YCWI/ALA	COWARIE	SA
YCWL/ALA	COWELL	SA
YCWN/ALA	COROWA DOWNS	QLD
YCWR/AD	COWRA	NSW
YCWS/HLS	COWES	VIC
YCWY/ALA	COOLAWANYAH STN	WA
YCYE/ALA	COYOTE MINE	WA
YCYG/ALA	DAMPIER PENINSULA/CYGNET BAY	WA
YCYN/HLS	COONALPYN	SA
YCYR/ALA	CHARNLEY RIVER	WA
YCYT/ALA	CRYSTAL BROOK	QLD
YCYV/ALA	CRYSTAL VALE	QLD
YDAG/ALA	DAGWORTH	QLD
YDAI/HLS	DAUAN ISLAND	QLD
YDAJ/ALA	DAJARRA	QLD
YDAL/ALA	DALGONALLY	QLD
YDAM/HLS	DAMPER CREEK	QLD
YDAR/ALA	DARLINGTON	TAS
YDAV/ALA	DAVIS PLATEAU SKIWAY	OTH
YDAY/ALA	DALBY	QLD
YDBG/ALA	DALBEG	QLD
YDBI/AD	DIRRANBANDI	QLD
YDBL/ALA	DENABLING	WA
YDBR/ALA	DUNBAR	QLD
YDBY/AD	DERBY	WA
YDDF/ALA	DRUMDUFF STATION	QLD
YDDI/HLS	DAY DREAM ISLAND	QLD
YDDP/ALA	DUNDEE PARK	QLD
YDDY/ALA	DOUGLAS DALY	NT
YDEA/ALA	BULMAN/DELARA	NT
YDEG/ALA	DELEGATE	NSW
YDEK/ALA	DENMARK	WA
YDEN/ALA	DENMAN	NSW
YDER/ALA	DERRINALLUM	VIC
YDEV/ALA	DEVONCOURT	QLD
YDFD/ALA	DEXFIELD PARK	NSW
YDGA/AD	DALGARANGA MINE	WA
YDGI/ALA	DULLINGARI	SA
YDGN/ALA	DOONGAN	WA
YDGR/ALA	DALGARANGA STN	WA
YDGT/ALA	DALGETY DOWNS STN	WA
YDGU/AD	DEGRUSSA	WA
YDGY/ALA	DE GREY HS	WA
YDHD/ALA	DIRK HARTOG ISLAND	WA
YDHI/ALA	DHIPIRRI	NT
YDHJ/ALA	DONYDJI	NT
YDHL/ALA	DHALINYBUY	NT
YDHP/ALA	DHURUPUTJPI	NT
YDIG/ALA	DIG TREE	QLD
YDII/ALA	DUM IN MIRRIE ISLAND	NT
YDIM/ALA	DIMBULAH	QLD
YDIN/ALA	DINAH ISLAND	QLD
YDIX/ALA	DIXIE	QLD
YDKG/AD	DUKETON GOLD	WA
YDKH/ALA	DALKEITH	QLD
YDKI/ALA	DUNK ISLAND	QLD

CODE	LOCATION	STATE	CODE	LOCATION	STATE
YDLC/ALA	DULACCA	QLD	YDWN/ALA	MARION DOWNS	WA
YDLD/ALA	DELMORE DOWNS	NT	YDWP/ALA	DEEP WATER POINT	WA
YDLG/ALA	DOOLOOGARAH	QLD	YDWU/ALA	DALWALLINU	WA
YDLH/ALA	DALHOUSIE	SA	YDYP/HLS	DYKE POINT	NSW
YDLK/ALA	DULKANINNA	SA	YDYS/ALA	DYSART	QLD
YDLN/ALA	DRUMLION	QLD	YEAB/ALA	EUABALONG	NSW
YDLO/ALA	DARLOT	WA	YEAT/HLS	YEA	VIC
YDLQ/AD	DENILIQUIN	NSW	YEBE/HLS	WOLEEBEE CREEK	QLD
YDLT/ALA	DELTA DOWNS	QLD	YEBV/ALA	ELLENSBROOK VINEYARD	WA
YDLV/ALA	DELISSAVILLE	NT	YECB/ALA	ECO BEACH	WA
YDLW/ALA	DALY WATERS	NT	YECH/AD	ECHUCA	VIC
YDMF/ALA	DIEMAL FIND	WA	YECK/HLS	EASTERN CREEK	NSW
YDMG/AD	DOOMADGEE	QLD	YECL/ALA	EUCLA	WA
YDMN/ALA	DALY RIVER MISSION	NT	YECU/HLS	ECHUNGA	SA
YDMR/ALA	DELAMERE STN	NT	YEDA/ALA	ETADUNNA	SA
YDNB/ALA	DOONGMABULLA	QLD	YEDB/ALA	EDITHBURGH	SA
YDNE/ALA	MUNDINE	NSW	YEDD/HLS	EUDUNDA	SA
YDNG/ALA	DINGADEE	QLD	YEDE/ALA	EDENHOPE	VIC
YDNI/ALA	DARNLEY ISLAND	QLD	YEDM/ALA	EDMUND STN	WA
YDNV/ALA	DYNEVOR DOWNS	QLD	YEDW/ALA	ELEANOR DOWNS	SA
YDOC/ALA	DOCHRA	NSW	YEEB/ALA	ENEABBA	WA
YDOD/AD	DONALD	VIC	YEES/ALA	ELDERSLIE	NSW
YDON/ALA	DOWERIN	WA	YEGS/ALA	ELGIN DOWNS	QLD
YDOO/ALA	DONORS HILL	QLD	YEHP/HLS	ERINA HELIPORT	NSW
YDOP/ALA	DONNINGTON AIRPARK	QLD	YEII/HLS	EAST INTERCOURSE	WA
YDOR/ALA	DORUNDA STATION	QLD	YEIN/ALA	EINASLEIGH	QLD
YDOT/ALA	DOTSWOOD	QLD	YEJI/AD	EAST JAURDI	WA
YDPA/ALA	DEER PARK	NSW	YELA/ALA	ELLENDALE STN	WA
YDPD/ALA	DAVENPORT DOWNS	QLD	YELD/AD	ELCHO ISLAND	NT
YDPO/AD	DEVONPORT	TAS	YELE/ALA	BELELE	WA
YDPT/ALA	DEPOT OUTCAMP	WA	YELI/ALA	NORTH PERCY	WA
YDPW/ALA	DEEP WELL	NT	YELK/ALA	ELKEDRA	NT
YDRA/ALA	DONGARA	WA	YELL/ALA	ELLIOTT	NT
YDRC/ALA	DAIRY CREEK HS	WA	YELM/ALA	ELMORE	VIC
YDRD/ALA	DRYSDALE RIVER	WA	YELN/ALA	ELLISTON	SA
YDRE/ALA	DARR RIVER DOWNS	QLD	YELZ/ALA	ELIZABETH DOWNS STATION	NT
YDRG/ALA	DUARINGA	QLD	YEMC/ALA	EIGHT MILE CREEK	WA
YDRH/ALA	DURHAM DOWNS	QLD	YEMG/ALA	EROMANGA	QLD
YDRI/ALA	DURRIE	QLD	YEML/AD	EMERALD	QLD
YDRL/ALA	DE ROSE HILL	SA	YEMP/ALA	EMU PARK	QLD
YDRN/ALA	DROUIN	VIC	YEMU/ALA	EMU SPRINGS	NT
YDRU/ALA	THANGOOL/DRUMBURLE	QLD	YENO/HLS	ENOGGERA HELIPORT	QLD
YDRV/ALA	DRY RIVER	QLD	YEPA/ALA	EPIC ENERGY ONE	SA
YDRW/HLS	DERWENT BRIDGE	TAS	YEPB/ALA	EPIC ENERGY TWO	SA
YDSA/ALA	DARRAWEIT	VIC	YEPC/ALA	EPIC ENERGY THREE	SA
YDSI/ALA	DAVIS SEA ICE SKIWAY	OTH	YEPD/ALA	EPIC ENERGY FOUR	SA
YDSN/HLS	DAVIS STATION	OTH	YEPE/ALA	EPIC ENERGY FIVE	SA
YDSV/ALA	DORISVALE	NT	YEPL/ALA	EPSILON	QLD
YDUG/ALA	CLARA CREEK/DUNGOWAN	QLD	YEPR/ALA	EPENARRA	NT
YDUK/ALA	DUKETON	WA	YEPT/ALA	EMU POINT	NT
YDUM/ALA	DUMBLEYUNG	WA	YEQO/ALA	EL QUESTRO	WA
YDUN/ALA	DUNWICH	QLD	YEQY/ALA	ELIZABETH QUAY	WA
YDUP/ALA	DUPUWARRMIRRI	NT	YERA/ALA	ERRABIDDY HS	WA
YDVC/HLS	DEVIL CREEK	WA	YERH/ALA	EARAHEEDY	WA
YDVE/ALA	DALE RIVER	WA	YERI/ALA	ERINGOARRAH	NSW
YDVR/ALA	DOCKER RIVER	NT	YERL/ALA	ERLDUNDA	NT
YDWF/AD	DELAMERE RANGE FACILITY	NT	YERN/ALA	ERNABELLA	SA
YDWG/ALA	DWELLINGUP	WA	YERO/ALA	ERONG STN	WA

CODE	LOCATION	STATE
YERS/ALA	ERNESTINA PLAINS	QLD
YERU/ALA	ERUDINA	SA
YESD/ALA	EIDSVOLD	QLD
YESE/ALA	ELROSE	QLD
YESH/ALA	EL SHARANA	NT
YESN/HLS	ELLERSTON	NSW
YESP/AD	ESPERANCE	WA
YETT/ALA	NORTH GREGORY/ELLIOTT FIELD	QLD
YEUA/ALA	EUROA	VIC
YEUC/ALA	EUCHAREENA	NSW
YEUD/ALA	EUDAMULLA STN	WA
YEUK/ALA	EUROKA SPRINGS	QLD
YEUL/ALA	EURELLA STATION	QLD
YEUO/ALA	EULO	QLD
YEVA/ALA	EVA DOWNS	NT
YEVD/ALA	EVANS HEAD	NSW
YEVM/ALA	EVESHAM	QLD
YEVP/ALA	EVERARD PARK/MIMILI	SA
YEVV/ALA	EVA VALLEY	NT
YEVW/ALA	EAST VIEW	TAS
YEWA/AD	ELIWANA	WA
YEWI/ALA	EAST WALLABI ISLAND	WA
YEWO/ALA	BREWON	NSW
YEXM/ALA	EXMOUTH	WA
YEYD/ALA	EVELYN DOWNS	SA
YFAR/ALA	FARNSFIELD	QLD
YFBR/ALA	FAIRY BOWER	NSW
YFBS/AD	FORBES	NSW
YFCN/ALA	FORT CONSTANTINE	QLD
YFDF/AD	FORTESCUE DAVE FORREST	WA
YFDN/ALA	FEDERATION	NSW
YFFD/ALA	STIRLING NORTH/FLINDERS FIELD	SA
YFGS/ALA	FROGS HOLLOW	NSW
YFHA/ALA	FINCH HATTON	QLD
YFIG/ALA	IRONGATE/FIG TREE	QLD
YFLD/HLS	FACING ISLAND	QLD
YFLI/AD	FLINDERS ISLAND	TAS
YFLK/HLS	FALLS CREEK	VIC
YFLO/ALA	FLORA VALLEY	WA
YFLS/ALA	FLINDERS ISLAND	SA
YFLT/ALA	FAIRLIGHT	QLD
YFLV/ALA	FLETCHERVIEW	QLD
YFND/HLS	FLINDERS NAVAL DEPOT	VIC
YFNE/ALA	FINKE	NT
YFOR/ALA	FORTNUM	WA
YFOS/ALA	FOSSIL DOWNS STATION	WA
YFPU/HLS	SCARBOROUGH FPU	OTH
YFRD/ALA	FROME DOWNS	SA
YFRG/ALA	FREGON	SA
YFRI/ALA	FRIENDLY BEACHES	TAS
YFRK/ALA	FRANKLAND VALLEY	WA
YFRS/ALA	FOREST VALE	QLD
YFRT/AD	FORREST	WA
YFRV/ALA	FOREST RIVER MISSION	WA
YFSA/ALA	FORSAYTH	QLD
YFSR/ALA	FISHER	NT
YFTA/AD	FORRESTANIA	WA
YFTC/ALA	FORT COOPER	QLD
YFTL/HLS	FREMANTLE HELIPORT	WA
YFTR/HLS	FOSTER	VIC
YFTZ/AD	FITZROY CROSSING	WA
YFWV/HLS	FRESHWATER VALLEY	QLD
YFWY/ALA	FARAWAY BAY	WA
YGAA/ALA	GAWA	NT
YGAD/HLS	GARDEN ISLAND HELIPORT	WA
YGAI/ALA	GARMEDI	NT
YGAM/ALA	GAMBOOLA	QLD
YGAN/ALA	GAN GAN	NT
YGAR/ALA	MACLEOD/GNARALOO BAY	WA
YGAS/ALA	GATTON AIRPARK	QLD
YGAW/ALA	GAWLER	SA
YGAY/AD	GAYNDAH	QLD
YGBE/HLS	THE GLEBE	TAS
YGBF/ALA	BARWON FIELD	VIC
YGBI/AD	SOUTH GOULBURN ISLAND	NT
YGBK/HLS	GLENBROOK HLS	NSW
YGBO/ALA	GABO ISLAND	VIC
YGBS/ALA	GILBERTON STATION	QLD
YGBW/ALA	GUNBOWER	VIC
YGCR/ALA	GLOUCESTER	NSW
YGDA/AD	GOODOOGA	NSW
YGDH/AD	GUNNEDAH	NSW
YGDI/AD	GOONDIWINDI	QLD
YGDL/ALA	GINDALBIE HS	WA
YGDN/ALA	GORDON DOWNS	WA
YGDO/ALA	GUNDAROO	NSW
YGDR/ALA	THE GARDEN	NT
YGDS/ALA	GREGORY DOWNS	QLD
YGDV/ALA	GLADEVALE HS	QLD
YGEE/ALA	GEEBUNG	WA
YGEH/HLS	GEELONG HOSPITAL	VIC
YGEL/AD	GERALDTON	WA
YGEN/HLS	THE GLEN AIRFIELD	QLD
YGFN/AD	GRAFTON	NSW
YGGE/AD	GOLDEN GROVE	WA
YGGG/ALA	GULGONG	NSW
YGGI/ALA	GOOLGOWI	NSW
YGGL/ALA	GLEN GARLAND STATION	QLD
YGGO/ALA	GOONOO GOONOO HS	NSW
YGGS/ALA	GREGORY SPRINGS	QLD
YGHG/HLS	GLEN HARDING	QLD
YGHP/HLS	GLENAMPLE HELIPORT	VIC
YGHS/ALA	MACLEOD/GNARALOO HOMESTEAD	WA
YGHT/HLS	GOLD COAST HELITOURS	QLD
YGIA/AD	GINBATA	WA
YGIB/ALA	GIBB RIVER	WA
YGID/ALA	GIDGEE	WA
YGIF/ALA	GIFFORD CREEK STN	WA
YGIG/AD	GINGIN	WA
YGIL/ALA	GILGANDRA	NSW
YGIR/ALA	GIRALIA	WA
YGIS/HLS	GISBORNE	VIC
YGLA/AD	GLADSTONE	QLD

CODE	LOCATION	STATE
YGLB/AD	GOULBURN	NSW
YGLC/ALA	GLENCOE	NSW
YGLD/ALA	GLENDAMBO	SA
YGLE/ALA	GLENGYLE	QLD
YGLH/ALA	GLEN HELEN	NT
YGLI/AD	GLEN INNES	NSW
YGLK/HLS	GLENBROOK NPWS	NSW
YGLN/ALA	GLENROY ESTATE	SA
YGLO/ALA	GLENORMISTON	QLD
YGLP/ALA	GALLIPOLI	NT
YGLR/ALA	GLENROY STN	WA
YGLS/ALA	GILES	WA
YGMG/ALA	GAMURRUGUYURRU	NT
YGMP/ALA	GRAMPIANS	VIC
YGMS/ALA	GREYMARE/MOUNTAIN STATION	QLD
YGMT/ALA	GREENMOUNT	QLD
YGMW/ALA	GARMARRGAWON	NT
YGNA/ALA	GRANADA STATION	QLD
YGNE/ALA	GNARWARRE	VIC
YGNI/HLS	GREEN ISLAND (CAIRNS)	QLD
YGNO/ALA	GOONOO FEEDLOT	QLD
YGNR/ALA	GLENORE	QLD
YGNV/ALA	GREENVALE	QLD
YGNW/AD	GNOWANGERUP	WA
YGOD/HLS	GOLDFIELDS/LOLOMA	QLD
YGOM/ALA	GOOMALLING	WA
YGON/AD	MOUNT GORDON	QLD
YGOR/ALA	GORRIE	NT
YGOT/HLS	MOUNT GORTON	QLD
YGPE/ALA	GLEN PRARIE	QLD
YGPT/AD	GARDEN POINT	NT
YGRK/ALA	GARRYAK	NT
YGRL/ALA	GREAT LAKES AIRFIELD	VIC
YGRM/AD	GRUYERE	WA
YGRN/ALA	GORDON	QLD
YGRO/ALA	GORE/ROOAROO	QLD
YGRP/ALA	GRANITE PEAK	WA
YGRU/ALA	GLEN RUTH	QLD
YGSC/ALA	GASCOYNE JUNCTION	WA
YGSD/ALA	MUCHEA/GREENSIDE	WA
YGSN/ALA	MOUNT GIBSON	WA
YGST/HLS	GRUNDY STREET HELIPAD	QLD
YGTA/ALA	GARRATHALA	NT
YGTC/ALA	ANMATJERE/GEMTREE CARAVAN PARK	NT
YGTE/AD	GROOTE EYLANDT	NT
YGTH/AD	GRIFFITH	NSW
YGTJ/ALA	GUDJEKBINJ	NT
YGTM/HLS	BUNDOORA/GRASSTREE MINE	QLD
YGTN/AD	GEORGETOWN (QLD)	QLD
YGTO/ALA	GEORGE TOWN (TAS)	TAS
YGUB/ALA	GUMARRIRNBANG	NT
YGUL/ALA	GULLEWA	WA
YGUM/ALA	GURRUMURRU	NT
YGUW/ALA	GUNNAWARRA	QLD
YGVE/ALA	GLENDEVIE	TAS
YGWA/ALA	GOOLWA	SA
YGWD/ALA	GALWAY DOWNS	QLD
YGWN/HLS	GOODWYN PLATFORM	WA
YGYM/ALA	GYMPIE	QLD
YHAA/ALA	HAASTS BLUFF	NT
YHAB/ALA	HYDEAWAY BAY	QLD
YHAC/ALA	HAYES CREEK	NT
YHAE/ALA	HARDEN	NSW
YHAG/ALA	HAIG	WA
YHAL/ALA	HALL	NSW
YHAR/ALA	HARRISMITH	WA
YHAW/ALA	HAWKER	SA
YHAY/AD	HAY	NSW
YHAZ/ALA	HAZELTON	QLD
YHBA/AD	HERVEY BAY	QLD
YHBD/ALA	HERBERT DOWNS	QLD
YHBH/HLS	HEIDELBERG WEST HELIPAD	VIC
YHBK/ALA	HOLBROOK	NSW
YHBP/ALA	HOMEBUSH PARK	NT
YHBR/ALA	HUMBERT RIVER	NT
YHBY/ALA	HENBURY	NT
YHCS/ALA	HERBERTVALE CATTLEYARD	QLD
YHDD/ALA	HODGSON DOWNS	NT
YHDY/ALA	HEADINGLY	QLD
YHEC/ALA	HECK FIELD	QLD
YHEG/ALA	HELLS GATE	QLD
YHEH/HLS	HEXAM	NSW
YHEL/HLS	HELENVALE	QLD
YHER/ALA	HERVEY RANGE	QLD
YHEW/ALA	HEDLOW	QLD
YHFD/ALA	HAYFIELD	NT
YHGN/ALA	HOMESGLEN	VIC
YHGR/ALA	HUGH RIVER	NT
YHGS/ALA	HUGHES SIDING	SA
YHHL/ALA	HOME HILL	QLD
YHHN/HLS	HAHNDORF	SA
YHHY/ALA	HIGHBURY STATION	QLD
YHID/AD	HORN ISLAND	QLD
YHIL/ALA	HILLSIDE	WA
YHIP/HLS	PORT HEDLAND HELIPORT	WA
YHIV/ALA	HIDDEN VALLEY	NT
YHKI/ALA	HICKS IS	QLD
YHKT/ALA	HUCKITTA	NT
YHLB/HLS	HENLEY BROOK	WA
YHLC/AD	HALLS CREEK	WA
YHLD/ALA	HILLSIDE	QLD
YHLF/ALA	HIGHLAND FARM	NSW
YHLM/ALA	HILLMAN FARM	WA
YHLN/ALA	HELEN SPRINGS	NT
YHLS/ALA	HILLSTON	NSW
YHLW/ALA	HOLLYWELL	QLD
YHMB/ALA	HERMANNSBURG	NT
YHMH/HLS	HILLARYS MARINA HELIPAD	WA
YHML/AD	HAMILTON	VIC
YHMT/ALA	HAMILTON	SA
YHMY/ALA	HAMERSLEY	WA
YHOA/ALA	HOWARD ISLAND	NT
YHOL/ALA	HOLROYD	QLD
YHON/ALA	HONEYMOON	SA

CODE	LOCATION	STATE	CODE	LOCATION	STATE
YHOO/ALA	HOOKER CREEK	NT	YIVG/ALA	IVERAGH	QLD
YHOT/AD	MOUNT HOTHAM	VIC	YIVL/AD	INVERELL	NSW
YHOV/ALA	HODGSON RIVER	NT	YIVO/AD	IVANHOE	NSW
YHOY/ALA	HOLLINS BAY	QLD	YJAB/AD	JABIRU	NT
YHPG/HLS	HMAS PENGUIN	NSW	YJAC/AD	JACINTH AMBROSIA	SA
YHPN/AD	HOPETOUN	VIC	YJAF/HLS	JAKES FARM	QLD
YHPT/HLS	HAY POINT	QLD	YJAM/ALA	JAMESON	WA
YHPV/ALA	HOPEVALE	QLD	YJBO/ALA	JDANDBOO FIELD	VIC
YHPY/ALA	HAPPY VALLEY	QLD	YJBR/ALA	JIMBOUR	QLD
YHRD/ALA	HUNGERFORD	QLD	YJBY/AD	JERVIS BAY	NSW
YHRG/ALA	HADDON RIG	NSW	YJCO/ALA	JERICHO (TAS)	TAS
YHRN/HLS	HERON ISLAND	QLD	YJDA/ALA	JUNDAH	QLD
YHRT/ALA	HARTREE	QLD	YJDL/ALA	JINDALEE	NSW
YHSC/ALA	HARRIS CREEK	NT	YJED/ALA	JEDBURGH	QLD
YHSJ/HLS	HOLT STREET JETTY	QLD	YJER/ALA	JERILDERIE	NSW
YHSL/ALA	HORSESHOE LIGHTS MINE	WA	YJEY/ALA	JEEDAMYA	WA
YHSM/AD	HORSHAM	VIC	YJGP/ALA	JERRAMUNGUP	WA
YHSR/HLS	HASTINGS REEF	QLD	YJIB/ALA	JIBALBAL	NT
YHTA/ALA	HILTABA	SA	YJIG/ALA	JIGGALONG MISSION	WA
YHTF/ALA	HUNT FIELD	SA	YJIN/ALA	JINDABYNE	NSW
YHTL/ALA	HEATHLANDS	QLD	YJIP/ALA	JINGALUP	WA
YHTN/ALA	HERBERTON	QLD	YJIR/ALA	JIMARDA	NT
YHTS/ALA	HARTS RANGE	NT	YJLC/AD	JULIA CREEK	QLD
YHUG/AD	HUGHENDEN	QLD	YJMO/HLS	JACK MANN OVAL	WA
YHVF/ALA	HUTTON VALE FARM	SA	YJNT/ALA	JANET DOWNS	QLD
YHYL/ALA	HOYLETON	SA	YJNY/ALA	JONROY	QLD
YHYN/HLS	HAYMAN ISLAND	QLD	YJOH/ALA	JOHNSON AIRSTRIP	SA
YIBM/HLS	IRONBARK MINE	QLD	YJRK/ALA	JARRA CREEK	QLD
YIBO/AD	IRON BRIDGE MINE	WA	YJRO/ALA	JERICHO (QLD)	QLD
YIDA/ALA	MOUNT IDA	WA	YJRX/ALA	JINDALEE RECEIVER	WA
YIDR/ALA	IDRACOWRA STN	NT	YJST/ALA	JAMESTOWN	SA
YIFF/ALA	IFFLEY HS	QLD	YJTX/ALA	JINDALEE TRANSMITTER	WA
YIFL/AD	INNISFAIL/MUNDOO	QLD	YJUK/ALA	TJUKURLA	WA
YIFY/ALA	IFFLEY	QLD	YJUN/AD	JUNDEE	WA
YIGM/ALA	INGHAM	QLD	YJUR/ALA	JURIEN BAY	WA
YIGR/ALA	INGOMAR	SA	YKAB/ALA	KING ASH BAY	NT
YIKL/ALA	BAIKAL	NT	YKAE/ALA	KALANNIE	WA
YIKM/ALA	INKERMAN STATION	QLD	YKAI/HLS	KAHLPAHLIM ROCK	QLD
YILA/ALA	BROWN BROTHERS	VIC	YKAJ/ALA	KAJABBI	QLD
YILF/ALA	ILFRACOMBE	QLD	YKAL/ALA	KALUMBURU	WA
YILK/ALA	ILKURLKA	WA	YKAM/HLS	KIAMA HARBOUR HELIPAD	NSW
YILW/ALA	INGLEWOOD	QLD	YKAN/ALA	KANANDAH	WA
YIMB/AD	KIMBA	SA	YKAP/ALA	KAPUNDA	SA
YIMP/ALA	IMPADNA	NT	YKAR/AD	KARARA	WA
YIMT/ALA	INNAMINCKA TOWNSHIP	SA	YKBA/AD	KENS BORE	WA
YIMY/ALA	IMOOYA	QLD	YKBG/ALA	KOOLYANOBBING RANGE	WA
YING/ALA	INGELARA	QLD	YKBL/AD	KAMBALDA	WA
YINJ/ALA	INJUNE	QLD	YKBO/ALA	KYBO STN	WA
YINN/ALA	INNAMINCKA	SA	YKBR/AD	KALBARRI	WA
YINO/ALA	INVERELL NORTH	NSW	YKBS/ALA	KIMBERLEY DOWNS STN	WA
YINT/HLS	INTEGRA COAL	NSW	YKBT/ALA	KALABITY STATION	SA
YINV/ALA	INVERLEIGH	QLD	YKBY/AD	STREAKY BAY	SA
YINW/ALA	INVERWAY	NT	YKCA/ALA	KINGS CANYON	NT
YISD/ALA	ISIS DOWNS	QLD	YKCH/ALA	KITCHENER	WA
YISF/ALA	ISISFORD	QLD	YKCK/ALA	KILLIECRANKIE	TAS
YITT/ALA	MITTA MITTA	VIC	YKCS/ALA	KINGS CREEK STN	NT
YIVA/ALA	IVANHOE STN	WA	YKCY/ALA	KILCOY	QLD
YIVE/ALA	INVERLOCH	VIC	YKDA/ALA	KNAPDALE	QLD

CODE	LOCATION	STATE
YKDD/AD	GUDAI-DARRI MINE	WA
YKDI/ALA	KADINA	SA
YKDM/ALA	KIDMAN SPRINGS	NT
YKDN/ALA	KONDININ	WA
YKEB/ALA	KELLERBERRIN	WA
YKEN/ALA	KENMORE PARK/YUNYARINYI	SA
YKEP/ALA	LAKE KEEPIT	NSW
YKER/AD	KERANG	VIC
YKEY/ALA	KEYTAH	NSW
YKFS/ALA	KINDRA FALLS	NSW
YKGA/ALA	KINGOONYA	SA
YKGU/ALA	KAGARU	QLD
YKHA/ALA	KHANCOBAN	NSW
YKHO/HLS	KHOLO HELIPAD	QLD
YKIA/ALA	KIANA STN	NT
YKIB/ALA	KIMBOLTON	WA
YKIC/ALA	KIWIRRKURRA	WA
YKID/ALA	KIDSTON	QLD
YKIG/ALA	KINGSTON	SA
YKIH/ALA	KIHEE HS	QLD
YKII/AD	KING ISLAND	TAS
YKIL/ALA	KILDURK STN	NT
YKIR/ALA	KIRKIMBIE STN	NT
YKIS/HLS	KANGAROO ISLAND	SA
YKIU/ALA	KAIUROO	QLD
YKJN/ALA	KING JUNCTION	QLD
YKKG/AD	KALKGURUNG	NT
YKKH/ALA	KOKATHA	SA
YKKN/ALA	KIN KIN RETREAT	WA
YKLA/ALA	KOOLATAH	QLD
YKLB/ALA	KOOLBURRA	QLD
YKLC/AD	KOOLAN ISLAND/KOOLAN CENTRAL	WA
YKLE/ALA	KILLARNEY	NT
YKLG/ALA	KALINGA	QLD
YKLL/ALA	KALLALA	QLD
YKLN/ALA	KILLARNEY STN	QLD
YKLR/ALA	KALAMURINA	SA
YKLS/ALA	KAILIS	WA
YKMB/AD	KARUMBA	QLD
YKMH/HLS	MISSION BEACH	QLD
YKML/ALA	KAMILEROI	QLD
YKMP/AD	KEMPSEY	NSW
YKND/ALA	KINDAMINDI	NSW
YKNG/AD	KATANNING	WA
YKNM/ALA	KOONMARRA	WA
YKNP/ALA	KUNUNOPPIN	WA
YKNT/ALA	KINTORE	NT
YKOA/ALA	KOARLO	QLD
YKOJ/ALA	KOJONUP	WA
YKOK/ALA	KOOKYNIE	WA
YKOL/ALA	KOLENDO	SA
YKOO/ALA	KOOLAMA BAY	WA
YKOW/AD	KOWANYAMA	QLD
YKPR/ALA	KALPOWAR	QLD
YKRE/ALA	KARONIE	WA
YKRI/ALA	KURI BAY	WA
YKRJ/ALA	KARUNJIE	WA
YKRK/ALA	KIRKALOCKA	WA
YKRL/ALA	KEEROONGOOLOO	QLD
YKRU/ALA	MALLOWA/KRUI	NSW
YKRV/ALA	KENDALL RIVER	QLD
YKRW/ALA	KIERAWONGA	QLD
YKRY/AD	KINGAROY	QLD
YKSC/AD	KINGSCOTE/KANGAROO ISLAND	SA
YKSI/ALA	KESWICK ISLAND	QLD
YKST/HLS	KENNETTS STRIP	NSW
YKTH/ALA	KEITH	SA
YKTN/ALA	KYNETON (VIC)	VIC
YKUA/ALA	KULALI	QLD
YKUB/ALA	KUBIN	QLD
YKUK/ALA	KUKERIN AIRSTRIP	WA
YKUL/ALA	KULGERA	NT
YKUM/HLS	KUMBARILLA/RUBY JO	QLD
YKUR/ALA	KURUNDI STN	NT
YKVA/ALA	KINGVALE STATION	QLD
YKWA/AD	KARLAWINDA MINE	WA
YKWG/ALA	KANGAROO WELL	SA
YKYE/ALA	KYNETON (QLD)	QLD
YKYN/ALA	KYNUNA	QLD
YKYR/ALA	KYABRA	QLD
YKYT/HLS	KEYNETON	SA
YKYW/ALA	KYWONG	QLD
YLAB/ALA	LANDSBOROUGH	QLD
YLAE/ALA	LABELLE DOWNS	NT
YLAG/ALA	LAGOON BAY	TAS
YLAH/ALA	LAWN HILL	QLD
YLAK/ALA	LAKESIDE AIRPARK	QLD
YLAM/ALA	LAMBINA	SA
YLAN/ALA	LANGAWIRRA	NSW
YLAO/ALA	LAMEROO	SA
YLAP/ALA	LAPUNYAH	QLD
YLAW/ALA	LAWLERS	WA
YLBA/ALA	BELYANDO/LABONA	QLD
YLBD/AD	DJARINDJIN/LOMBADINA	WA
YLBG/ALA	MOUNT LIEBIG	NT
YLCG/AD	LAKE CARGELLIGO	NSW
YLCS/ALA	LOCKSLEY FIELD	VIC
YLDB/ALA	LADY BARRON	TAS
YLDC/ALA	LANDERS CREEK	QLD
YLDL/ALA	LISSADELL	WA
YLDO/ALA	LANDOR STN	WA
YLDS/ALA	LINDA DOWNS STATION	QLD
YLEA/ALA	LEEMAN	WA
YLEC/AD	LEIGH CREEK	SA
YLED/ALA	LETHBRIDGE AIRPORT	VIC
YLEE/ALA	LEETON	NSW
YLEG/ALA	LEONGATHA	VIC
YLEM/ALA	LEMONT	TAS
YLEO/AD	LEONORA	WA
YLET/HLS	LAKES ENTRANCE	VIC
YLEV/AD	LAKE EVELLA	NT
YLFD/ALA	LAKEFIELD	QLD
YLGB/ALA	LA GRANGE BAY	WA
YLGC/ALA	LAKE GRACE	WA

CODE	LOCATION	STATE
YLGD/ALA	LONGDOWN	TAS
YLGH/ALA	LANGHORNE	SA
YLGL/ALA	LAGLAN	QLD
YLGN/ALA	LOONGANA	WA
YLGU/ALA	LEGUNE STN	NT
YLHI/AD	LORD HOWE ISLAND	NSW
YLHO/HLS	LEMINGTON/HUNTER VALLEY OPERATIONS	NSW
YLHR/AD	LOCKHART RIVER	QLD
YLHS/ALA	LYNDHURST STN	QLD
YLIB/HLS	FSO LIBERDADE	WA
YLIH/HLS	LISMORE HOSPITAL	NSW
YLIL/ALA	LILYDALE	VIC
YLIM/ALA	LIMBUNYA STATION	NT
YLIN/ALA	LINDEMAN ISLAND	QLD
YLIS/AD	LISMORE	NSW
YLIT/ALA	LITCHFIELD STN	NT
YLIV/ALA	LIVERINGA	WA
YLJN/ALA	LAKE JOHNSTON	WA
YLKD/ALA	LUCKY DOWNS	QLD
YLKE/ALA	LAKES ENTRANCE	VIC
YLKM/ALA	LAKE MARIMLEY	NSW
YLKN/ALA	LAKE NASH	NT
YLKS/ALA	THE LAKES	NSW
YLKT/ALA	LOCKHART	NSW
YLLA/ALA	MOBELLA	SA
YLLC/ALA	LILLA CREEK	NT
YLLE/AD	BALLERA	QLD
YLLT/ALA	LOWER LIGHT	SA
YLMA/ALA	BALMA	NT
YLMI/ALA	LADY MUSGRAVE ISLAND	QLD
YLMQ/ALA	LAKE MACQUARIE AIRPORT	NSW
YLMU/ALA	MUNGO LODGE	NSW
YLND/ALA	LAKELAND DOWNS	QLD
YLNG/HLS	PRELUDE FLNG	WA
YLNR/ALA	LANDOR RACES	WA
YLOC/ALA	LOCHINVAR	WA
YLOD/ALA	LONGWOOD	VIC
YLOH/ALA	LOUTH	NSW
YLOK/ALA	LOCK	SA
YLOO/ALA	WYLOO STATION	WA
YLOR/ALA	LORRAINE	QLD
YLOU/ALA	LOUISA DOWNS	WA
YLOV/ALA	LOTUS VALE STN	QLD
YLOW/HLS	LOWENDAL ISLAND	WA
YLOX/ALA	LOXTON	SA
YLPD/ALA	LEOPOLD DOWNS	WA
YLPE/HLS	LEPPINGTON PASTORAL EAST	NSW
YLPW/HLS	LEPPINGTON PASTORAL WEST	NSW
YLRA/ALA	LAURA	QLD
YLRD/AD	LIGHTNING RIDGE	NSW
YLRE/AD	LONGREACH	QLD
YLRG/ALA	LORNA GLEN HS	WA
YLRS/ALA	NEW LAURA	QLD
YLRV/ALA	LITTLE RIVER	VIC
YLSB/HLS	LIFE SAVER BASE/SYDNEY	NSW
YLSK/ALA	LUSKINTYRE	NSW
YLST/AD	LEINSTER	WA
YLSY/ALA	MOUNT LINDSAY/WATARRU	SA
YLTN/AD	LAVERTON	WA
YLTT/ALA	LADY ELLIOT ISLAND	QLD
YLTV/AD	LATROBE VALLEY	VIC
YLUC/ALA	LUCY CREEK	NT
YLUI/ALA	LUCINDALE	SA
YLUL/ALA	MOOLELULOOLOO	SA
YLUM/HLS	LUMLEY HILL	QLD
YLUN/ALA	LAURINEL	QLD
YLUW/ALA	LEEUWIN ESTATE	WA
YLVA/ALA	LILLYVALE	QLD
YLVD/ALA	LAKE EVERARD	SA
YLVK/HLS	LAVARACK	QLD
YLWB/ALA	LOCKYER WATERS/BREEFIELD	QLD
YLWY/ALA	LAKE WAY	WA
YLYD/ALA	LYNDLEY	QLD
YLYK/ALA	LYNDOCH	SA
YLYN/ALA	LYNDON STN	WA
YLZI/ALA	LIZARD ISLAND	QLD
YMAA/ALA	MABUIAG ISLAND	QLD
YMAC/ALA	MACUMBA	SA
YMAD/ALA	MADURA	WA
YMAE/ALA	MURRAY/MER ISLAND	QLD
YMAI/ALA	MANGURI	SA
YMAJ/ALA	MARIGALDJBAN	NT
YMAK/ALA	MABEL CREEK STN	SA
YMAO/HLS	MAWSON STATION	OTH
YMAP/ALA	MARPURU	NT
YMAR/ALA	MATARANKA TOWNSHIP	NT
YMAS/ALA	MANILLA STATION	NSW
YMAT/HLS	MATER HOSPITAL (BRISBANE)	QLD
YMAU/ALA	MOUNT AUGUSTUS	WA
YMAV/AD	MELBOURNE/AVALON	VIC
YMAX/ALA	MANBULLO	NT
YMAY/AD	ALBURY	NSW
YMBA/AD	MAREEBA	QLD
YMBD/ALA	MURRAY BRIDGE	SA
YMBF/HLS	MILLERS BLUFF	TAS
YMBG/HLS	MARLBOROUGH	QLD
YMBL/AD	MARBLE BAR	WA
YMBN/ALA	MOUNT BUNDEY MINE	NT
YMBO/ALA	MARMBOO	QLD
YMBP/ALA	MEMBINUP	WA
YMBR/ALA	MATHESON BORE	SA
YMBT/ALA	MOUNT BEAUTY	VIC
YMBU/ALA	MARYBOROUGH (VIC)	VIC
YMBX/ALA	MUNDRABILLA HS	WA
YMBZ/ALA	MOUNT EBENEZER	NT
YMCE/ALA	MOUNT CLERE HS	WA
YMCF/ALA	MCCAFFREY FIELD	QLD
YMCI/HLS	MAGNETIC ISLAND	QLD
YMCK/ALA	MCKINLAY	QLD
YMCL/ALA	MOUNT COOLON	QLD
YMCM/HLS	MANGOOLA COAL MINE	NSW
YMCO/AD	MALLACOOTA	VIC
YMCR/ALA	MANNERS CREEK STN	NT
YMCS/ALA	MACROSSAN	QLD
YMCT/ALA	MILLICENT	SA

CODE	LOCATION	STATE	CODE	LOCATION	STATE
YMCW/ALA	MOROCCO WEST	WA	YMIK/ALA	MILLERS CREEK	SA
YMDA/ALA	MUNDUBBERA	QLD	YMIN/ALA	MINLATON	SA
YMDB/ALA	MUNDABULLANGANA	WA	YMIO/ALA	MILL IRON	QLD
YMDD/ALA	MUNDOWDNA	SA	YMIP/ALA	MITCHELL PLATEAU	WA
YMDE/ALA	MOUNT DORE	QLD	YMIR/ALA	MIRANDA DOWNS	QLD
YMDG/AD	MUDGEE	NSW	YMIS/ALA	MILLROSE HS	WA
YMDK/ALA	MOUNT RIDDOCK STN	NT	YMIT/ALA	MITCHELL	QLD
YMDN/ALA	MERREDIN	WA	YMIU/ALA	MILDURA STN	QLD
YMDP/ALA	MOONDAH PARK	QLD	YMIV/ALA	MOUNT IVE	SA
YMDR/ALA	MINDEROO	WA	YMIX/ALA	MIDDALYA HS	WA
YMDS/ALA	MACDONALD DOWNS	NT	YMJD/ALA	MILLAJIDDEE	WA
YMDT/ALA	MUNDRABILLA MOTEL	WA	YMJE/ALA	MOUNT JAMES	WA
YMDV/ALA	MOUNT DAVIES/PIPALYATJARA	SA	YMJI/ALA	MURRANJI BORE	NT
YMDW/ALA	MAITLAND DOWNS (QLD)	QLD	YMJM/AD	MANJIMUP	WA
YMDX/ALA	MELINDA DOWNS	QLD	YMJR/HLS	MAJURA TRAINING AREA	ACT
YMDY/ALA	MOUNT BUNDEY	NT	YMKB/ALA	MUKINBUDIN	WA
YMDZ/ALA	MARDI STN	WA	YMKC/ALA	MISTAKE CREEK	NT
YMEA/ALA	MEANDER LAKES	TAS	YMKH/HLS	MACKAY HARBOUR	QLD
YMEB/ALA	MOUNT EBA	SA	YMKT/ALA	EMKAYTEE	NT
YMED/ALA	MENINDEE	NSW	YMKV/ALA	MIKINJ VALLEY	NT
YMEE/ALA	MERLIN MINE	NT	YMKY/HLS	MOUNT MACKAY	QLD
YMEG/ALA	MENINGIE	SA	YMLA/ALA	MALINA	WA
YMEI/ALA	MEREENIE	NT	YMLD/ALA	MAITLAND (SA)	SA
YMEK/AD	MEEKATHARRA	WA	YMLE/ALA	MARYVALE	QLD
YMEL/ALA	MELTON	VIC	YMLI/ALA	MEERAGOOLIA	WA
YMEM/ALA	MEMOOLOO	QLD	YMLK/ALA	MINNAMOOLKA	QLD
YMEN/AD	MELBOURNE/ESSENDON	VIC	YMLL/ALA	MILLUNGERA	QLD
YMER/AD	MERIMBULA	NSW	YMLN/ALA	MONOLON	NSW
YMES/AD	EAST SALE	VIC	YMLO/ALA	MILLAROO	QLD
YMET/ALA	MELVILLE WATER AERODROME	WA	YMLR/ALA	MULOORINA	SA
YMEU/ALA	MERLUNA	QLD	YMLS/AD	MILES	QLD
YMEW/ALA	MINGENEW	WA	YMLT/AD	LAUNCESTON	TAS
YMEY/ALA	BOOMEY	NSW	YMLV/ALA	MOYLE RIVER	NT
YMFA/ALA	AUBURNVALE	QLD	YMLX/ALA	MILURIE HS	WA
YMFD/ALA	MANSFIELD	VIC	YMMA/ALA	MAMADAWERRE	NT
YMGB/AD	MILINGIMBI	NT	YMMB/AD	MELBOURNE/MOORABBIN	VIC
YMGD/AD	MANINGRIDA	NT	YMMD/ALA	DIXALEA/MCMASTER FIELD	QLD
YMGE/ALA	MUDGEEGARDAART	NT	YMMG/ALA	MERRINONG STATION	NSW
YMGG/ALA	MULGATHING	SA	YMMH/ALA	MOUNT MULGRAVE HS	QLD
YMGI/ALA	MUNGINDI	NSW	YMMI/AD	MURRIN MURRIN	WA
YMGJ/ALA	MIRRNGATJA	NT	YMML/AD	MELBOURNE	VIC
YMGL/ALA	MAGGIEVILLE	QLD	YMMN/ALA	MILLMERRAN	QLD
YMGN/ALA	MOUNT GUNSON	SA	YMMO/ALA	MOAMA	NSW
YMGO/ALA	MURGOO STN	WA	YMMR/ALA	MANDEMAR	NSW
YMGP/ALA	MOUNT GIBSON MINE	WA	YMMT/ALA	MOUNT MARGARET STN	QLD
YMGT/ALA	MARGARET RIVER	WA	YMMU/ALA	MIDDLEMOUNT	QLD
YMGV/ALA	MUSGRAVE ROADHOUSE	QLD	YMMY/ALA	MANMOYI	NT
YMHB/AD	HOBART	TAS	YMNA/ALA	MOUNT ALLAN	NT
YMHE/ALA	MOUNT HALE	WA	YMND/AD	MAITLAND (NSW)	NSW
YMHL/AD	MOUNT HOLLAND	WA	YMNE/AD	MOUNT KEITH	WA
YMHO/ALA	MOUNT HOUSE	WA	YMNF/ALA	MANFRED	WA
YMHT/ALA	MOUNT HART STN	WA	YMNG/AD	MANGALORE	VIC
YMHU/AD	MCARTHUR RIVER MINE	NT	YMNK/ALA	MONKIRA	QLD
YMHW/ALA	MOUNT HOWITT	QLD	YMNL/ALA	MURGANELLA	NT
YMIA/AD	MILDURA	VIC	YMNN/ALA	MOUNT DENISON	NT
YMIB/ALA	MIRBOO	VIC	YMNO/ALA	MANEROO	QLD
YMID/ALA	MIDDLE CAY	QLD	YMNP/ALA	MURNPEOWIE	SA
YMIG/ALA	MITTAGONG	NSW	YMNS/ALA	MOUNT SWAN	NT

CODE	LOCATION	STATE
YMNT/ALA	MORNINGTON STN	WA
YMNU/ALA	MAINORU	NT
YMNX/ALA	MINARA	WA
YMNY/ALA	MORNEY	QLD
YMOA/ALA	MAGOWRA	QLD
YMOD/ALA	MODEWARRE	VIC
YMOE/ALA	MOONAREE	SA
YMOF/ALA	MALAKOFF	QLD
YMOG/AD	MOUNT MAGNET	WA
YMOH/HLS	MOUNT COOT-THA	QLD
YMOO/ALA	MOORABERREE	QLD
YMOR/AD	MOREE	NSW
YMOT/ALA	MORETON	QLD
YMOU/ALA	MOURA	QLD
YMOX/ALA	MOXEY FARMS	NSW
YMOY/ALA	MOYEN STN	QLD
YMPA/ALA	MINNIPA	SA
YMPC/AD	POINT COOK	VIC
YMPE/ALA	MOUNT COOPER	QLD
YMPH/ALA	MERAPAH HOMESTEAD	QLD
YMPL/ALA	MAWSON PLATEAU SKIWAY	OTH
YMPN/ALA	MAPOON	QLD
YMPY/ALA	MOUNT PERRY	QLD
YMQA/ALA	MARQUA	NT
YMQI/HLS	MACQUARIE ISLAND	OTH
YMRA/ALA	MARALINGA	SA
YMRB/AD	MORANBAH	QLD
YMRD/ALA	MARDA	WA
YMRE/ALA	MARREE	SA
YMRG/ALA	MURGON	QLD
YMRI/ALA	MARIAN	QLD
YMRK/ALA	MARBLE CREEK	QLD
YMRL/ALA	MARLGAWO	NT
YMRN/ALA	MARLWAN	NT
YMRO/ALA	MOORA	WA
YMRR/HLS	MOORE REEF	QLD
YMRT/ALA	MOUNT GARNET	QLD
YMRW/AD	MORAWA	WA
YMRX/ALA	MAROONAH	WA
YMRY/AD	MORUYA	NSW
YMSE/ALA	MORSTONE DOWNS STATION	QLD
YMSF/ALA	MOUNT SANFORD STATION	NT
YMSI/ALA	MAWSON SEA ICE SKIWAY	OTH
YMSN/ALA	MOUROUBRA STATION	WA
YMSP/ALA	MOUNT SURPRISE	QLD
YMSR/ALA	MOUNT SIRCOM	QLD
YMSS/ALA	MURCHISON SHIRE	WA
YMST/ALA	MILLSTREAM	WA
YMSW/ALA	MOUNT STUART	WA
YMSX/ALA	MOOROONGGA ISLAND	NT
YMTA/ALA	MITTIEBAH	NT
YMTB/ALA	MUTTABURRA	QLD
YMTC/ALA	MOUNT CLARENCE	SA
YMTF/HLS	THE MARGARET RIVER TRUFFLE FARM	WA
YMTG/AD	MOUNT GAMBIER	SA
YMTI/AD	MORNINGTON ISLAND	QLD
YMTJ/ALA	MONTEJINNI	NT
YMTM/ALA	MATA MATA	NT
YMTN/ALA	MOURA NORTH	QLD
YMTO/ALA	MONTO	QLD
YMTS/ALA	MOUNT SHORT	WA
YMTU/ALA	MOONIE/TUNGAMAH STATION	QLD
YMTW/ALA	MARTINS WELL	SA
YMTX/ALA	MOUNT DARE STN	SA
YMTZ/ALA	MOUNT ELIZABETH	WA
YMUA/ALA	MONDURAN	QLD
YMUB/ALA	MANUMBAR	QLD
YMUC/ALA	MUCCAN STN	WA
YMUD/ALA	MAUDE CREEK	NT
YMUE/ALA	MOUNT BORRADALE STN	NT
YMUG/ALA	MUNGERANNIE	SA
YMUH/ALA	MUTHMAMAL	NT
YMUJ/ALA	MUNJINA	WA
YMUK/ALA	MULKA	SA
YMUL/ALA	MURRAY FIELD	WA
YMUM/ALA	MUMEKA	NT
YMUN/ALA	MOUNT CATT	NT
YMUP/ALA	MULGA PARK	NT
YMUR/ALA	MURWILLUMBAH	NSW
YMUS/ALA	MANTUAN DOWNS	QLD
YMUX/ALA	MILEURA HS	WA
YMUZ/HLS	MOUNT MULLIGAN LODGE	QLD
YMVM/ALA	MANGROVE MOUNTAIN GLIDING	NSW
YMVN/ALA	MORVEN	QLD
YMVT/HLS	MONTARA VENTURE FPSO	WA
YMVY/ALA	MOUNT VALLEY	NT
YMWA/ALA	MULLEWA	WA
YMWD/ALA	HOLMWOOD	SA
YMWH/HLS	MONTARA WHP	WA
YMWN/ALA	METEOR DOWNS	QLD
YMWO/ALA	MAHANEWO	SA
YMWR/ALA	MUNDARING WEIR	WA
YMWX/ALA	MARION DOWNS	QLD
YMXC/ALA	MAXWELL CREEK	NT
YMYA/ALA	MALNYANGANAK	NT
YMYB/AD	MARYBOROUGH (QLD)	QLD
YMYH/ALA	MALLAPUNYAH SPRINGS STN	NT
YMYI/ALA	MARYMIA	WA
YMYR/ALA	MYROODAH STN	WA
YMYU/ALA	MYRUP	WA
YMYV/ALA	MARYVALE	NT
YMYW/ALA	MURRAY DOWNS	NT
YMYY/ALA	MARY VALLEY	QLD
YMZI/ALA	MENZIES	WA
YNAA/ALA	NAMBUCCA	NSW
YNAB/ALA	NABARLEK	NT
YNAL/ALA	NALIYINDI	NT
YNAN/ALA	NANANGO	QLD
YNAP/ALA	NAPPA MERRIE	QLD
YNAR/AD	NARRANDERA	NSW
YNAT/ALA	NATHAN RIVER STN	NT
YNAU/ALA	NANNUP	WA
YNBA/HLS	NUBEENA	TAS
YNBH/ALA	NOONBAH	QLD

CODE	LOCATION	STATE
YNBO/ALA	NEBO	QLD
YNBR/AD	NARRABRI	NSW
YNBS/ALA	NORTH BUNDY STATION	NSW
YNBY/ALA	KNOCKER BAY	NT
YNCD/ALA	NOCCUNDRA	QLD
YNCS/ALA	NEW CROWN STN	NT
YNCW/ALA	NEWCASTLE WATERS STATION	NT
YNDG/ALA	NEWDEGATE	WA
YNDS/ALA	NATAL DOWNS	QLD
YNDT/HLS	INDET	QLD
YNDW/ALA	NANDOWRIE	QLD
YNEE/ALA	NEE NEE	NSW
YNEN/HLS	NORTHERN ENDEAVOUR	OTH
YNEP/HLS	NEPEAN AEROSPACE PARK	NSW
YNER/ALA	NERRIMA	WA
YNES/ALA	NELSON SPRINGS	NT
YNET/ALA	NETLEY STATION	NSW
YNEW/ALA	NEWLANDS COAL	QLD
YNEY/HLS	NELLY BAY	QLD
YNGM/HLS	NANGRAM/WINDIBRI	QLD
YNGT/ALA	NGANGORIORDT	NT
YNGU/AD	NGUKURR	NT
YNGV/HLS	NINGALOO VISION FPSO	WA
YNGW/ALA	NAGAMBIE-WIRRATE	VIC
YNHL/AD	NHILL	VIC
YNHP/ALA	NORTHAMPTON	WA
YNHV/ALA	NEW HAVEN	NT
YNIC/ALA	NICHOLSON	WA
YNIG/ALA	NONNING	SA
YNJY/HLS	NGUJIMA-YIN FPSO	WA
YNKA/ALA	NOONKANBAH	WA
YNKG/HLS	NORTH KANANGRA	NSW
YNKH/HLS	NUMURKAH	VIC
YNKR/ALA	NACKEROO	NT
YNLD/ALA	NILDOTTIE	SA
YNLH/ALA	NEW LANDSDOWN HS	WA
YNMN/ALA	NEW MOON	QLD
YNMY/ALA	NEW MAY DOWNS HS	QLD
YNNG/ALA	NAR NAR GOON	VIC
YNOB/ALA	NOBBYS CREEK	NSW
YNOC/ALA	NOCKATUNGA	QLD
YNOF/ALA	NORFOLK	QLD
YNOM/HLS	NORMAN REEF	QLD
YNON/ALA	NOONDOONIA HS	WA
YNOO/ALA	NOOYEAH DOWNS	QLD
YNOR/ALA	NOORAMA STATION	QLD
YNOV/AD	NOVA	WA
YNPA/ALA	NILPINNA	SA
YNPB/ALA	NAPPERBY	NT
YNPD/ALA	NAPIER DOWNS STN	WA
YNPE/AD	NORTHERN PENINSULA	QLD
YNPJ/ALA	NORTH PINJARRA	WA
YNQI/ALA	NEW QUINAMBIE	SA
YNRB/ALA	NAREMBEEN	WA
YNRC/AD	NARACOORTE	SA
YNRG/ALA	NARROGIN	WA
YNRH/HLS	NEWCASTLE REGIONAL HELIPORT	NSW
YNRL/ALA	NARYILCO	QLD
YNRM/AD	NARROMINE	NSW
YNRN/ALA	NARAYEN	QLD
YNRR/ALA	NYIRRIPI	NT
YNRV/AD	RAVENSTHORPE	WA
YNSH/ALA	NOOSA	QLD
YNSM/ALA	NORSEMAN	WA
YNTH/HLS	NORMANTON HELIPAD	QLD
YNTI/ALA	NORTH ISLAND	WA
YNTJ/ALA	NEUTRAL JUNCTION	NT
YNTL/ALA	NEWCASTLE HARBOUR	NSW
YNTM/ALA	NORTHAM	WA
YNTN/AD	NORMANTON	QLD
YNUB/ALA	NULLARBOR MOTEL	SA
YNUE/ALA	NUMERY	NT
YNUL/ALA	NULLAGINE	WA
YNUM/AD	NUMBULWAR	NT
YNUT/ALA	NUTWOOD DOWNS	NT
YNVD/ALA	NEW VICTORIA DOWNS	QLD
YNWL/ALA	NORTH WELL	SA
YNWM/ALA	NEUMAYER VALLEY STATION	QLD
YNWN/AD	NEWMAN	WA
YNWY/ALA	NETHERWAY	NSW
YNYG/ALA	NYANG HS	WA
YNYM/ALA	NYMAGEE	NSW
YNYN/AD	NYNGAN	NSW
YNYP/ALA	NYAPARI	SA
YOAD/ALA	OLD ANDADO	NT
YOAF/ALA	OLD ARAFURA	NT
YOAK/ALA	OAKVILLE	NSW
YOAP/ALA	ONE ARM PT	WA
YOAR/HLS	MONARTO SAFARI PARK	SA
YOAS/ALA	THE OAKS	NSW
YOBE/HLS	OBERON	NSW
YOBM/ALA	OOMBABEER	QLD
YOBN/ALA	OBAN	QLD
YOBR/ALA	OLD BAR	NSW
YOCA/ALA	OCHRE ARCH	NSW
YOCC/ALA	OAK CREEK COAL	QLD
YODL/ALA	OURDELL	QLD
YOEH/HLS	ORANGE EAST HELIPORT	NSW
YOEN/AD	OENPELLI	NT
YOGD/ALA	OLGA DOWNS	QLD
YOIT/ALA	ORIELTON	QLD
YOKA/HLS	OKHA FPSO	WA
YOKE/ALA	OAKVALE	QLD
YOKH/ALA	OAKDEN HILLS	SA
YOKV/ALA	OAK VALLEY	SA
YOLA/ALA	COLAC	VIC
YOLD/AD	OLYMPIC DAM	SA
YOLL/HLS	YOLLA PLATFORM	TAS
YOLO/ALA	YOLANDRA	NSW
YOLW/AD	ONSLOW	WA
YOLY/ALA	OXLEY	NSW
YOMI/ALA	OMICRON	QLD
YOMO/HLS	OMEO	VIC
YONE/ALA	BALONNE	QLD
YOOD/ALA	OODNADATTA	SA

CODE	LOCATION	STATE
YOOK/ALA	COOK	SA
YOOM/AD	MOOMBA	SA
YOOO/ALA	MOOLOOLOO STN	NT
YOPC/ALA	OPIUM CREEK	NT
YOPH/ALA	ORPHEUS ISLAND	QLD
YOPK/ALA	ORANA PARK	QLD
YORA/ALA	MOONERA	WA
YORB/AD	ORBOST	VIC
YORC/ALA	ORCHID BEACH	QLD
YORG/AD	ORANGE	NSW
YORL/ALA	ORLEANS FARM	WA
YORO/ALA	MOROAK	NT
YORR/ALA	ORROROO	SA
YORS/HLS	ORBOST	VIC
YORT/ALA	OORATIPPRA	NT
YORU/ALA	ORUNGAL	QLD
YORV/ALA	ORD RIVER	WA
YORW/ALA	ORIENT WELL	WA
YOSB/AD	OSBORNE MINE	QLD
YOSI/ALA	OSBORNE ISLANDS	WA
YOSN/ALA	OLD STATION	QLD
YOTN/ALA	OOTANN	QLD
YOUN/ALA	YOUANMI	WA
YOUY/ALA	OUYEN	VIC
YOXL/HLS	OXLEY POLICE ACADEMY	QLD
YPAC/ALA	PACIFIC HAVEN	QLD
YPAD/AD	ADELAIDE	SA
YPAG/AD	PORT AUGUSTA	SA
YPAK/ALA	UPAYKAL	QLD
YPAL/HLS	PALMER RIVER	QLD
YPAM/AD	PALM ISLAND	QLD
YPAN/ALA	PANDORA	QLD
YPAR/HLS	PORT ARTHUR	TAS
YPAU/HLS	ST PAULS	QLD
YPAY/ALA	PAPUNYA	NT
YPBH/ALA	PETERBOROUGH/GREAT OCEAN ROAD	VIC
YPBM/ALA	PORT BREMMER	NT
YPBN/HLS	PORT BROUGHTON	SA
YPBO/AD	PARABURDOO	WA
YPCC/AD	COCOS (KEELING) ISLANDS	OTH
YPCE/AD	POONCARIE	NSW
YPCH/ALA	PATCHEWOLLOCK	VIC
YPCM/ALA	PICKERTARAMOOR	NT
YPCS/ALA	PINNACLES HS	WA
YPDD/ALA	POINT DAVID	NT
YPDF/ALA	PADDYS FLAT	NSW
YPDI/ALA	PANDIE PANDIE	SA
YPDN/AD	DARWIN	NT
YPDO/ALA	PARDOO STN	WA
YPDS/ALA	PLANET DOWNS	QLD
YPDY/ALA	PADTHAWAY STN	SA
YPEA/AD	PEARCE	WA
YPED/AD	EDINBURGH	SA
YPEF/ALA	PENFIELD	VIC
YPEN/ALA	PENNY	WA
YPEP/ALA	PEPPIMENARTI	NT
YPER/ALA	BRAIDWOOD/PERCHERON	NSW
YPET/ALA	PETRO STATION	NSW
YPFA/ALA	PORT FAIRY	VIC
YPFL/ALA	PRESTON FIELD	WA
YPFT/ALA	COOMA - POLO FLAT	NSW
YPGH/ALA	PIGEON HOLE	NT
YPGV/AD	GOVE	NT
YPHP/HLS	PORT CAMPBELL HELIPORT	VIC
YPHS/ALA	ANMATJERE/PINE HILL STATION	NT
YPHU/ALA	PORT HURD	NT
YPIC/ALA	PICCANINNY	QLD
YPID/HLS	PHILLIP ISLAND HELIPORT	VIC
YPIN/ALA	PINNACLE	QLD
YPIP/ALA	PIPERS FIELD	NSW
YPIR/AD	PORT PIRIE	SA
YPIX/ALA	PIA	WA
YPJI/ALA	PERENJORI	WA
YPJN/ALA	PANTIJAN	WA
YPJT/AD	PERTH/JANDAKOT	WA
YPKA/AD	KARRATHA	WA
YPKE/ALA	PEAKE	SA
YPKG/AD	KALGOORLIE-BOULDER	WA
YPKH/ALA	PEAK HILL	NSW
YPKI/ALA	PARAKYLIA	SA
YPKL/ALA	PUCKAPUNYAL	VIC
YPKS/AD	PARKES	NSW
YPKT/AD	PORT KEATS	NT
YPKU/AD	KUNUNURRA	WA
YPLA/HLS	PLUTO ALPHA	WA
YPLB/ALA	PALM BEACH	NSW
YPLC/AD	PORT LINCOLN	SA
YPLI/ALA	PALMERS ISLAND/MACLEAN	NSW
YPLM/AD	LEARMONTH	WA
YPLS/ALA	GLADSTONE/PLAYSTATION	NSW
YPLT/HLS	POINT LOOKOUT	QLD
YPLU/AD	PLUTONIC	WA
YPMB/ALA	PLUMBAGO	SA
YPMH/AD	PROMINENT HILL	SA
YPMP/AD	PORMPURAAW	QLD
YPMQ/AD	PORT MACQUARIE	NSW
YPNA/ALA	PINNARENDI	QLD
YPNC/ALA	PINNACLES AIRPARK	QLD
YPND/ALA	PENTLAND	QLD
YPNG/ALA	PENONG	SA
YPNI/ALA	PRENTI DOWNS STN	WA
YPNN/ALA	PINNAROO	SA
YPNR/ALA	PINORA	NSW
YPNW/ALA	PANNAWONICA	WA
YPOA/ALA	PORTIA GOLD MINE	SA
YPOD/AD	PORTLAND	VIC
YPOK/ALA	POREPUNKAH	VIC
YPOP/ALA	PORPHYRY	WA
YPOT/HLS	PORTSMITH	QLD
YPPA/ALA	PALPARARA	QLD
YPPD/AD	PORT HEDLAND	WA
YPPF/AD	ADELAIDE/PARAFIELD	SA
YPPH/AD	PERTH	WA
YPPS/ALA	PICCANINNY PLAINS	QLD
YPRC/HLS	PRINCE CHARLES HOSPITAL	QLD

CODE	LOCATION	STATE
YPRI/HLS	PRINCESS ALEXANDRA HOSPITAL	QLD
YPRV/ALA	PASCOE RIVER	QLD
YPSB/HLS	PUNSAND BAY	QLD
YPSI/ALA	PASSAGE ISLAND	TAS
YPSR/HLS	PERISHER	NSW
YPTB/ALA	PETERBOROUGH	SA
YPTD/HLS	PORT DOUGLAS	QLD
YPTG/ALA	PORT GEORGE	WA
YPTJ/ALA	PATJARR	WA
YPTL/ALA	PORTLAND DOWNS	QLD
YPTN/AD	TINDAL	NT
YPTS/HLS	PORTSEA	VIC
YPTT/ALA	PERNATTY	SA
YPUA/ALA	PALUMPA	NT
YPUG/ALA	PUNGALINA	NT
YPUK/ALA	PUK PUK	QLD
YPUN/ALA	PUNMU	WA
YPVD/ALA	PLEVNA DOWNS	QLD
YPVI/ALA	PALMERVILLE	QLD
YPWF/HLS	PORT WAKEFIELD	SA
YPWH/ALA	PITTSWORTH	QLD
YPWR/AD	WOOMERA	SA
YPXM/AD	CHRISTMAS ISLAND	OTH
YPYA/ALA	PALMYRA	QLD
YPYD/ALA	PYRAMID HILL	VIC
YPYF/ALA	PAYNES FIND	WA
YPYV/HLS	PYRENEES VENTURE FPSO	WA
YQBE/ALA	QUAMBONE	NSW
YQBK/ALA	QUAMBATOOK	VIC
YQCF/HLS	QUEENSCLIFF	VIC
YQCI/HLS	CURTIS ISLAND/QCLNG	QLD
YQDG/ALA	QUAIRADING	WA
YQDI/AD	QUIRINDI	NSW
YQLP/AD	QUILPIE	QLD
YQNS/ALA	QUEENSTOWN	TAS
YQRN/ALA	QUORN	SA
YRAC/HLS	RAVENSWORTH COAL CHPP	NSW
YRAK/ALA	RANKU	NT
YRAM/ALA	RAYMORE STATION	QLD
YRAP/HLS	RADISSON PIER	QLD
YRAR/ALA	MOREE/RURAL AIR WORK	NSW
YRAT/ALA	RAT ISLAND	WA
YRAW/ALA	RAWLINNA	WA
YRAY/ALA	ROSE BAY	NSW
YRBB/ALA	RAINBOW BEACH	QLD
YRBC/HLS	ROYAL BRISBANE HOSPITAL CHARLIE	QLD
YRBE/ALA	ROBE	SA
YRBH/HLS	ROYAL BRISBANE HOSPITAL ALPHA	QLD
YRBK/HLS	ROBERTSON BARRACKS	NT
YRBM/ALA	REDBANK MINE	NT
YRBR/ALA	ROBINSON RIVER	NT
YRBT/ALA	RABBIT FLAT	NT
YRBY/ALA	ROKEBY	QLD
YRCD/HLS	ROCHEDALE	QLD
YRDF/HLS	ROBINSON DAIRY FARM	QLD
YRDM/ALA	REDMONT	WA
YRDN/ALA	RED DOME MINE	QLD
YRDP/HLS	REINDEER PLATFORM	WA
YRDS/ALA	RICHMOND DOWNS	QLD
YRDY/ALA	REEDYS	WA
YRED/ALA	REDCLIFFE	QLD
YREM/ALA	REMLAP PARK	NSW
YREN/AD	RENMARK	SA
YRES/ALA	RETREAT HS	QLD
YRFB/ALA	RAFFLES BAY	NT
YRFD/ALA	RICHFIELD	QLD
YRHO/HLS	ROYAL CHILDREN'S HOSPITAL	VIC
YRIA/ALA	BARRKIRA	NT
YRID/ALA	RIDDELL	VIC
YRIM/ALA	MERRIMBA	NSW
YRIN/ALA	MOUNT RINGWOOD	NT
YRIO/ALA	RIPCORD	QLD
YRKB/HLS	ROKEBY POLICE ACADEMY	TAS
YRKD/ALA	ROCKHAMPTON DOWNS	NT
YRKP/ALA	ARKAPENA	SA
YRKS/ALA	ROCKLANDS	QLD
YRLE/ALA	ROCKLEA	WA
YRLH/ALA	RIVERSLEIGH	QLD
YRLL/ALA	ROLLESTON	QLD
YRLO/ALA	ROLLOS	SA
YRMA/ALA	RIAMUKKA	NSW
YRMD/AD	RICHMOND (QLD)	QLD
YRMH/HLS	ROYAL MELBOURNE HOSPITAL	VIC
YRNG/AD	RAMINGINING	NT
YRNW/ALA	RINGWOOD STN	NT
YROB/ALA	ROBINHOOD	QLD
YROC/HLS	RAVENSWORTH OPEN CUT	NSW
YROE/ALA	ROEBOURNE	WA
YROI/AD	ROBINVALE	VIC
YROL/HLS	ROLLESTON OPEN CUT	QLD
YROM/AD	ROMA	QLD
YROP/ALA	ROSALIE PLAINS	QLD
YROS/ALA	MOUNT ROSEBY	QLD
YROT/ALA	ROTHSAY MINE	WA
YROV/ALA	ROSS RIVER	NT
YROX/ALA	ROXBOROUGH DOWNS	QLD
YRPA/HLS	ROYAL PRINCE ALFRED HOSPITAL	NSW
YRPT/ALA	RANKIN POINT	NT
YRRB/ALA	ROPER BAR	NT
YRRG/ALA	RHODES RIDGE	WA
YRRR/ALA	RAYMANGIRR	NT
YRSB/ALA	ROSEBERTH	QLD
YRSK/ALA	RINGER SOAK	WA
YRSS/ALA	RISDON STUD	QLD
YRST/ALA	ROSTELLA	TAS
YRSV/ALA	ROSEVALE	QLD
YRSW/HLS	RUSHWORTH	VIC
YRSY/ALA	ROMSEY	VIC
YRTH/ALA	ROTHWELL	VIC
YRTI/AD	ROTTNEST ISLAND	WA
YRTP/ALA	RUTLAND PLAINS	QLD
YRUL/ALA	RURRANGALA	NT

CODE	LOCATION	STATE	CODE	LOCATION	STATE
YRUR/ALA	RURRUWUY	NT	YSHR/ALA	SHUTE HARBOUR/WHITSUNDAY	QLD
YRVE/ALA	RIVEREN	NT	YSHS/HLS	STENHOUSE BAY	SA
YRVL/ALA	ROSE VALE	NSW	YSHT/AD	SHEPPARTON	VIC
YRVW/ALA	RAVENSWOOD	QLD	YSHW/AD	HOLSWORTHY	NSW
YRWA/ALA	RAWLINNA HS	WA	YSIA/ALA	SIAM	SA
YRWF/ALA	ROWLAND FLAT	SA	YSIE/ALA	SHIRLEY	QLD
YRWH/ALA	RAVENSWORTH	NSW	YSII/AD	SAIBAI ISLAND	QLD
YRWK/HLS	RANDWICK	NSW	YSKF/ALA	STARKE FIELD	QLD
YRWS/HLS	ROWSLEY	VIC	YSKI/ALA	SKI BEACH	NT
YRXB/ALA	ROXBY DOWNS	SA	YSKR/ALA	SKARDON RIVER	QLD
YRXN/ALA	REXTON	QLD	YSLD/ALA	SUTHERLAND STATION	QLD
YRYA/HLS	RYANS POINT	TAS	YSLE/ALA	ST LEONARDS	VIC
YRYH/ALA	ROY HILL STN	WA	YSLG/ALA	SILENT GROVE	WA
YRYK/ALA	RAWNSLEY PARK	SA	YSLK/ALA	SEA LAKE	VIC
YRYL/ALA	RYLSTONE AIRPARK	NSW	YSLN/ALA	STRATHLEVEN	QLD
YRYP/HLS	RAYNER PLACE HELIPORT	NSW	YSLO/HLS	THE SILOS	TAS
YRYW/ALA	RAYWOOD	VIC	YSLT/HLS	SALE	VIC
YSAD/ALA	SAVANNAH DOWNS	QLD	YSLW/ALA	ST LAWRENCE	QLD
YSAF/ALA	SCAMPTON AIRFIELD	NSW	YSMB/ALA	SOMERSBY	NSW
YSAG/ALA	SANDRINGHAM STN	QLD	YSMH/ALA	SAMUEL HILL	QLD
YSAM/ALA	SAMARAI	QLD	YSMI/ALA	SMITHTON	TAS
YSAN/ALA	SANDSTONE	WA	YSMK/ALA	SMOKEY CREEK	QLD
YSAR/ALA	MOUNT SARAH	SA	YSMP/ALA	SMITH PT	NT
YSAW/ALA	SAWFISH CAMP	NT	YSMR/ALA	STRATHMORE	QLD
YSBE/ALA	SUNBURY EAST	VIC	YSMY/ALA	STRATHMAY	QLD
YSBK/AD	SYDNEY/BANKSTOWN	NSW	YSNC/ALA	SINCLAIR	WA
YSBO/ALA	STRADBROKE STATION	QLD	YSNF/AD	NORFOLK ISLAND	OTH
YSBY/HLS	SEABUOY	WA	YSNK/AD	SNAKE BAY	NT
YSCA/ALA	SCOTIA SANCTUARY	NSW	YSNW/AD	NOWRA	NSW
YSCB/AD	CANBERRA	ACT	YSNY/ALA	SUNNYSIDE	NSW
YSCC/ALA	CHERRY GARDENS	SA	YSOH/ALA	SOUTHERN HILLS	WA
YSCD/AD	CAROSUE DAM	WA	YSOL/AD	SOLOMON	WA
YSCF/HLS	SCAWFELL ISLAND	QLD	YSOW/ALA	SOUTHWELL	QLD
YSCN/AD	CAMDEN	NSW	YSPE/AD	STANTHORPE	QLD
YSCO/AD	SCONE	NSW	YSPF/ALA	SPRINGFIELD	QLD
YSCP/HLS	SCORESBY/CARIBBEAN PARK	VIC	YSPI/ALA	SPRINGSURE	QLD
YSCR/AD	SOUTHERN CROSS	WA	YSPK/ALA	SPRING CREEK	QLD
YSDL/ALA	SUDLEY	QLD	YSPT/ALA	SOUTHPORT	QLD
YSDU/AD	DUBBO	NSW	YSPV/ALA	SPRINGVALE	QLD
YSEA/ALA	SEDAN	SA	YSPY/ALA	SPILSBY ISLAND	SA
YSED/ALA	STUART MEADOWS	WA	YSRA/ALA	SCENIC RIM	QLD
YSEK/ALA	STUARTS CREEK	QLD	YSRD/AD	SUNRISE DAM	WA
YSEN/ALA	SERPENTINE	WA	YSRG/ALA	SUNRAYSIA GLIDING	VIC
YSFG/ALA	STONEFIELD GLIDING	SA	YSRI/AD	RICHMOND (NSW)	NSW
YSFI/ALA	SANDFIRE ROAD HOUSE	WA	YSRK/ALA	SHERLOCK BAY	WA
YSFY/ALA	SANDFLY	TAS	YSRN/AD	STRAHAN	TAS
YSGD/ALA	STRATHGORDON	QLD	YSRT/ALA	SURAT	QLD
YSGE/AD	SAINT GEORGE	QLD	YSSP/HLS	SKYSAFARI BASE	QLD
YSGL/ALA	STRATHGUYLE	NSW	YSSY/AD	SYDNEY/KINGSFORD SMITH	NSW
YSGN/HLS	STRATHGORDON	TAS	YSTA/AD	ST ARNAUD	VIC
YSGR/ALA	SOUTH GRAFTON	NSW	YSTB/ALA	STRATHBURN	QLD
YSGT/ALA	SINGLETON	NSW	YSTC/ALA	STUART CREEK	SA
YSGW/ALA	SOUTH GALWAY	QLD	YSTD/ALA	STAR LANDING AREA	QLD
YSHA/ALA	SHADY CAMP	NT	YSTF/HLS	STRATFORD	QLD
YSHD/HLS	SHEFFIELD	TAS	YSTG/HLS	STAG PLATFORM	WA
YSHK/AD	SHARK BAY	WA	YSTH/AD	SAINT HELENS	TAS
YSHL/AD	SHELLHARBOUR AIRPORT	NSW	YSTI/ALA	STEPHENS ISLAND	QLD
YSHN/HLS	SHANNON	WA	YSTL/ALA	STIRLING STATION	QLD

CODE	LOCATION	STATE
YSTN/HLS	STANLEY	TAS
YSTO/ALA	STONEHENGE	QLD
YSTR/ALA	STRATHEARN	SA
YSTT/ALA	SANTA TERESA	NT
YSTW/AD	TAMWORTH	NSW
YSUJ/ALA	SUPPLEJACK DOWNS	NT
YSUM/HLS	SUMMERHILL ROAD HELIPAD	SA
YSUT/ALA	SUTTOR CREEK	QLD
YSVH/ALA	SILVER HILLS	QLD
YSVN/ALA	STRATHAVEN	QLD
YSVP/ALA	SILVER PLAINS	QLD
YSWB/ALA	SWAN BAY	NSW
YSWD/HLS	SEA WORLD	QLD
YSWE/ALA	SWEERS ISLAND	QLD
YSWG/AD	WAGGA WAGGA	NSW
YSWH/AD	SWAN HILL	VIC
YSWK/ALA	SOUTH WEST ROCKS	NSW
YSWL/AD	STAWELL	VIC
YSWQ/ALA	SWAN HILL	QLD
YSWS/AD	SYDNEY/NANCY-BIRD WALTON	NSW
YSXB/ALA	SAXBY DOWNS	QLD
YSYN/ALA	STRATHALBYN	SA
YTAA/ALA	TARA	QLD
YTAB/ALA	TABLELAND HS	WA
YTAF/HLS	TRAFALGAR LANE	TAS
YTAH/HLS	TAHMOOR MINE	NSW
YTAM/AD	TAROOM	QLD
YTAN/ALA	TANAMI DOWNS	NT
YTAP/ALA	TAYLORS PLAINS	QLD
YTAR/ALA	TARCOOLA	SA
YTBB/AD	TUMBY BAY	SA
YTBH/ALA	BRENDLE DOWNS STATION	QLD
YTBI/ALA	TABLE HILL	NT
YTBM/ALA	TUMBARUMBA	NSW
YTBR/ALA	TIMBER CREEK	NT
YTBV/ALA	TIBUC VALLEY	NSW
YTBY/ALA	TALBOT BAY	WA
YTCK/ALA	TORRENS CREEK	QLD
YTCU/ALA	TUCSON	QLD
YTCY/ALA	TARCOONYINNA	SA
YTDM/ALA	TODMORDEN	SA
YTDN/ALA	TOORADIN	VIC
YTDR/AD	THEODORE	QLD
YTEA/ALA	TERANG	QLD
YTEE/AD	TREPELL	QLD
YTEF/AD	TELFER	WA
YTEL/ALA	TELLARAGA	NSW
YTEM/AD	TEMORA	NSW
YTES/HLS	TESSA SHOALS	WA
YTEX/ALA	TEXAS	QLD
YTFA/ALA	TRURO FLAT AIRPARK	SA
YTFD/ALA	TENTERFIELD	NSW
YTFR/ALA	TINAROO FALLS RESV	QLD
YTGA/ALA	TANGALOOMA	QLD
YTGI/ALA	TRANGIE	NSW
YTGM/AD	THARGOMINDAH	QLD
YTGT/AD	THE GRANITES	NT
YTGW/ALA	TRAGOWEL	QLD
YTHA/HLS	THYLACINE A PLATFORM	TAS
YTHB/HLS	THREDBO	NSW
YTHD/ALA	THEDA STN	WA
YTHI/ALA	THISTLE ISLAND	SA
YTHM/ALA	THREE HUMMOCK ISLAND	TAS
YTHN/AD	THUNDERBOX	WA
YTHR/ALA	THREE RIVERS HS	WA
YTHS/ALA	THREE SPRINGS	WA
YTHT/ALA	THE TWINS	SA
YTHV/ALA	THEVENARD ISLAND	WA
YTHY/ALA	THYLUNGRA	QLD
YTIB/AD	TIBOOBURRA	NSW
YTIE/HLS	OAK CREEK COAL TIERI TOWNSHIP	QLD
YTIH/ALA	TICKALARA HS	QLD
YTII/ALA	TRINIDAD	QLD
YTIT/ALA	TI TREE	NT
YTIW/ALA	TIRRAWARRA	SA
YTIY/ALA	TRIAL BAY	NT
YTJI/ALA	TJIRRKARLI	WA
YTJU/ALA	TJUNTJUNTJARRA	WA
YTKL/ALA	TURKEY LANE	SA
YTKY/ALA	TURKEY CREEK	WA
YTLH/ALA	TOOGOOLAWAH	QLD
YTLI/ALA	TALGAI	QLD
YTLL/ALA	TULLAMORE	NSW
YTLP/ALA	TILPA	NSW
YTLT/ALA	TARLTON DOWNS	NT
YTLY/ALA	THE LILY	WA
YTMA/ALA	THALMERA	QLD
YTMB/ALA	TAMBO	QLD
YTME/ALA	TANAMERA	QLD
YTMN/ALA	TANAMI	NT
YTMO/AD	THE MONUMENT	QLD
YTMS/ALA	TAMBAR SPRINGS	NSW
YTMU/AD	TUMUT	NSW
YTMY/ALA	TOBERMOREY	NT
YTNG/AD	THANGOOL	QLD
YTNK/AD	TENNANT CREEK	NT
YTNR/ALA	TANUMBIRINI STN	NT
YTNS/ALA	TOLINESS	QLD
YTOA/ALA	TOOLACHIE	SA
YTOB/ALA	TOOMBA	QLD
YTOC/AD	TOCUMWAL	NSW
YTOG/ALA	TOGO STATION	NSW
YTOL/ALA	TOOLOOMBILLA HS	QLD
YTOO/ALA	MARYLAND TOO	WA
YTOT/ALA	TOTTENHAM	NSW
YTPA/ALA	TIPPERARY	NT
YTPD/ALA	THORPDALE	VIC
YTPK/ALA	TURTLE PARK	QLD
YTPL/ALA	TOOPUNTUL	NSW
YTQY/ALA	TORQUAY	VIC
YTRA/AD	TROPICANA	WA
YTRC/ALA	TARCOMBE	QLD
YTRE/AD	TAREE	NSW
YTRF/ALA	TREFOIL ISLAND	TAS
YTRG/ALA	TRAEGER	SA

CODE	LOCATION	STATE	CODE	LOCATION	STATE
YTRI/ALA	TRINITY INLET	QLD	YURL/ALA	URLAMPE	NT
YTRK/ALA	TUREE CREEK	WA	YURR/HLS	BURRA	SA
YTRN/ALA	TARRAGONA	QLD	YUSL/ALA	USELESS LOOP	WA
YTRO/ALA	TIMBAROO	QLD	YUSN/HLS	SNAPPER PLATFORM	VIC
YTRS/HLS	THREE ROCKS	QLD	YUSU/HLS	FORTESQUE PLATFORM	VIC
YTRU/ALA	TARNUK	NSW	YUTA/HLS	BARRACOUTA PLATFORM	VIC
YTRW/ALA	TORWOOD	QLD	YUTP/ALA	UTOPIA	NT
YTST/AD	MUNGALALU-TRUSCOTT	WA	YUTS/ALA	UTOPIA STN	NT
YTTE/ALA	TI TREE	QLD	YUWH/HLS	WHITING PLATFORM	VIC
YTTI/AD	TROUGHTON ISLAND	WA	YVAF/ALA	TRURO/VALLEY FARM	SA
YTTS/ALA	TARTRUS	QLD	YVAL/ALA	THE VALE	TAS
YTUB/ALA	WAKOOL/TULLABURRA	NSW	YVAN/ALA	VANSITTART BAY	WA
YTUD/HLS	THURSDAY ISLAND	QLD	YVCB/HLS	VICTORIA BARRACKS	NSW
YTUE/ALA	TRUNDLE	NSW	YVIE/HLS	VICTOR ISLAND EAST	QLD
YTUG/ALA	TRUGANINNIE	QLD	YVIL/HLS	THE VILLE	QLD
YTUM/ALA	TUMBAR STATION	QLD	YVIV/ALA	MOUNT VIVIAN	SA
YTUN/ALA	TUNBRIDGE	TAS	YVIW/HLS	VICTOR ISLAND WEST	QLD
YTUR/ALA	TUREE	NSW	YVLY/ALA	VARLEY	WA
YTUY/ALA	TULLY	QLD	YVND/HLS	BOOBY ISLAND	QLD
YTWA/ALA	TIERAWOOMBA	QLD	YVNS/ALA	VAUGHAN SPRINGS	NT
YTWB/AD	TOOWOOMBA	QLD	YVOB/ALA	VIVONNE BAY	SA
YTWD/ALA	TALWOOD	QLD	YVPC/HLS	VICTORIA POLICE CENTRE	VIC
YTWE/ALA	TRELAWNEY	QLD	YVPK/HLS	VICTORIA PARK	NSW
YTWG/ALA	TOWRANG GLIDING	NSW	YVRD/ALA	VICTORIA RIVER DOWNS	NT
YTWH/HLS	TWEED HEADS HOSPITAL	NSW	YVRS/ALA	VAN ROOK STATION	QLD
YTWL/HLS	TWO WELLS	SA	YVSH/ALA	VASHON HEAD	NT
YTWN/ALA	TOORAWEENAH	NSW	YVTH/HLS	VICTOR HARBOR	SA
YTYA/ALA	TYABB	VIC	YVVA/ALA	VICTORIA VALLEY AIRBASE	VIC
YTYH/ALA	TYAGARAH	NSW	YVVL/ALA	VIOLET VALE	QLD
YTYN/ALA	TIEYON STN	SA	YWAA/HLS	WANDOO ALPHA	WA
YUAL/HLS	HALIBUT PLATFORM	VIC	YWAB/ALA	WALDBURG HS	WA
YUAN/ALA	MULAN	WA	YWAC/ALA	WAUCHOPE	NT
YUBK/ALA	UMBAKUMBA	NT	YWAG/ALA	WANAARING	NSW
YUBX/HLS	COBIA PLATFORM	VIC	YWAH/ALA	WAHROONGAH	QLD
YUCH/ALA	UCHARONIDGE STN	NT	YWAL/ALA	WALLAL DOWNS	WA
YUDA/ALA	UNDARA	QLD	YWAN/HLS	WANDA BEACH	NSW
YUDG/ALA	URANDANGI	QLD	YWAO/HLS	WANDOO BRAVO	WA
YUDL/ALA	UNDILLA STATION	QLD	YWAR/HLS	WARRAGUL	VIC
YUFA/HLS	KINGFISH A PLATFORM	VIC	YWAT/ALA	WATTLE HILLS	QLD
YUFB/HLS	KINGFISH B PLATFORM	VIC	YWAV/ALA	WAVE HILL	NT
YUFW/HLS	WEST KINGFISH PLATFORM	VIC	YWAX/ALA	WANNAN	WA
YUKL/HLS	MACKEREL	VIC	YWBA/ALA	WOORABINDA	QLD
YULC/ALA	ULCANBAH	QLD	YWBB/ALA	WOMBLEBANK HS	QLD
YULN/HLS	ULAN COAL MINES	NSW	YWBI/ALA	WARRABRI	NT
YULX/HLS	FLOUNDER PLATFORM	VIC	YWBL/AD	WARRNAMBOOL	VIC
YUMA/HLS	BREAM A PLATFORM	VIC	YWBN/ALA	WEDDERBURN	NSW
YUMB/ALA	UMBEARA	NT	YWBR/AD	WARBURTON	WA
YUMU/ALA	UMUWA	SA	YWBS/ALA	WARRABER ISLAND	QLD
YUNA/HLS	TUNA PLATFORM	VIC	YWBY/ALA	WESTBURY	QLD
YUNW/HLS	WEST TUNA PLATFORM	VIC	YWCA/AD	WILCANNIA	NSW
YUNY/ALA	CLUNY	QLD	YWCH/ALA	WALCHA	NSW
YUOF/HLS	LONGFORD HELIPORT	VIC	YWCK/AD	WARWICK	QLD
YUPA/HLS	DOLPHIN PLATFORM	VIC	YWCM/ALA	WILSON'S CAMP	NT
YUPC/HLS	UPOLU CAY	QLD	YWCN/ALA	WARBRECCAN	QLD
YUPE/HLS	PERCH PLATFORM	VIC	YWCS/HLS	WINCHELSEA	VIC
YUPG/ALA	URAPUNGA	NT	YWDA/ALA	WINDARRA	WA
YUPX/HLS	MARLIN PLATFORM	VIC	YWDG/AD	WINDARLING	WA
YURB/HLS	BREAM B PLATFORM	VIC	YWDH/AD	WINDORAH	QLD

CODE	LOCATION	STATE	CODE	LOCATION	STATE
YWDJ/ALA	WINDJANA GORGE	WA	YWMP/ALA	WROTHAM PARK	QLD
YWDL/ALA	WONDOOLA	QLD	YWMR/ALA	WROTHAM PARK RESORT	QLD
YWDS/HLS	WOODSIDE	SA	YWMY/ALA	WILLIAMBURY	WA
YWDT/ALA	WYANDOTTE	QLD	YWND/ALA	WONDAI	QLD
YWDU/ALA	WANDU	NSW	YWNI/ALA	WATHANIN	QLD
YWDV/ALA	WANDO VALE	QLD	YWNL/ALA	WINGELLINA	WA
YWEA/ALA	WANELLA STATION	QLD	YWNN/ALA	WANDOAN	QLD
YWEC/ALA	WELLCLOSE	QLD	YWNO/ALA	WONGANOO	WA
YWEE/ALA	WOOLEEN HS	WA	YWNR/ALA	WOOLNER	NT
YWEH/HLS	WEIPA HELIPORT	QLD	YWOG/HLS	WONTHAGGI TOWNSHIP	VIC
YWEL/ALA	WELLINGTON	NSW	YWOH/ALA	WONGAN HILLS	WA
YWEO/ALA	WERTALLOONA	SA	YWON/ALA	WONGALARA	NT
YWER/ALA	WERNADINGA	QLD	YWOO/ALA	WOODVALE	NSW
YWEX/ALA	WELL 33	WA	YWOR/ALA	WOLLOGORANG	NT
YWGA/AD	PORT HEDLAND/WODGINA	WA	YWOT/ALA	WOOLOOMANATA	VIC
YWGE/ALA	WANDAGEE STN	WA	YWOW/ALA	DUBBO/WINGS OUT WEST	NSW
YWGI/ALA	WEDGE ISLAND	SA	YWPA/ALA	WIRREALPA	SA
YWGM/ALA	WHITE GUM	WA	YWPB/HLS	BAYU UNDAN WHP	WA
YWGN/ALA	WAGIN	WA	YWPE/ALA	WALPOLE	WA
YWGT/AD	WANGARATTA	VIC	YWPL/ALA	WINNING POOL NORTH	WA
YWGW/ALA	WONGAWOL	WA	YWPN/ALA	WILPENA	SA
YWHA/AD	WHYALLA	SA	YWPR/ALA	WILPOORINNA	SA
YWHC/AD	WHITE CLIFFS	NSW	YWRA/ALA	WOOROONA	QLD
YWHG/ALA	WAHRING FIELD	VIC	YWRC/ALA	WAVE ROCK	WA
YWHI/ALA	WITCHELINA	SA	YWRL/ALA	WARIALDA	NSW
YWHL/ALA	WALHALLOW STN	NT	YWRN/AD	WARREN	NSW
YWHP/HLS	WOLLONGONG HELIPORT	NSW	YWRO/HLS	WALLAROO	SA
YWHY/HLS	WHYTES ISLAND	QLD	YWRR/ALA	WARROORA HS	WA
YWIB/ALA	MOUNT WILLOUGHBY	SA	YWRS/ALA	WERRINGTON	QLD
YWIE/ALA	WIRRALIE GOLD MINE	QLD	YWRV/ALA	WALKER RIVER	NT
YWIG/ALA	WIGRAM IS	NT	YWSF/ALA	WISEMANS FERRY	NSW
YWII/HLS	WIRRINA	SA	YWSG/ALA	WATTS BRIDGE	QLD
YWIL/ALA	WILANDRA	NSW	YWSL/AD	WEST SALE	VIC
YWIM/HLS	WIEAMBILLA/KENYA	QLD	YWSN/ALA	WOODSTOCK STATION	QLD
YWIN/ALA	WILLOWBANK	QLD	YWSR/ALA	NEWCASTLE/WALLSAIR	NSW
YWIO/ALA	WILTON	NSW	YWSX/ALA	WESTONIA	WA
YWIR/ALA	WIRRAMINNA	SA	YWTA/ALA	WINTINNA	SA
YWIS/ALA	WILLIAMSON	QLD	YWTH/ALA	WATERHOUSE ISLAND	TAS
YWJL/HLS	WUJAL WUJAL	QLD	YWTL/ALA	WATERLOO (NT)	NT
YWKB/AD	WARRACKNABEAL	VIC	YWTN/AD	WINTON	QLD
YWKD/ALA	WOODIKAPILDIA	NT	YWTO/AD	WENTWORTH	NSW
YWKI/ALA	WAIKERIE	SA	YWTP/HLS	WHEATSTONE PLATFORM	WA
YWKM/ALA	WYALKATCHEM	WA	YWTV/ALA	WATSON RIVER	QLD
YWKS/AD	WILKINS RUNWAY	OTH	YWUD/AD	WUDINNA	SA
YWKW/ALA	WARKWORTH	NSW	YWUL/ALA	WULWUWUY	NT
YWLA/ALA	WILLOWRA	NT	YWVA/ALA	WARNERVALE	NSW
YWLD/HLS	WILLIS IS	OTH	YWVL/ALA	STOKES/WARRENVALE STATION	QLD
YWLF/ALA	WELFORD	QLD	YWVN/ALA	WOLVERTON	QLD
YWLG/AD	WALGETT	NSW	YWVR/HLS	WOLGAN VALLEY HELIPORT	NSW
YWLM/AD	WILLIAMTOWN	NSW	YWWD/ALA	WEEWONDILLA	QLD
YWLN/ALA	WOOLTANA	SA	YWWE/ALA	WARRAWEE	QLD
YWLO/ALA	WILLEROO	NT	YWWG/ALA	WARRAWAGINE STN	WA
YWLU/AD	WILUNA	WA	YWWH/ALA	WENTWORTH	QLD
YWMC/ALA	WILLIAM CREEK	SA	YWWI/AD	WOODIE WOODIE	WA
YWMG/ALA	WEILMORINGLE	NSW	YWWL/AD	WEST WYALONG	NSW
YWML/ALA	WESTMORELAND	QLD	YWWS/ALA	WIRRAWAY STATION	QLD
YWMM/ALA	WOLLOMOMBI	NSW	YWWX/ALA	WILLIWIN	QLD
YWMO/AD	WEST MUSGRAVE	WA	YWYA/ALA	WYANDRA	QLD

CODE	LOCATION	STATE
YWYB/ALA	WYNBRING	SA
YWYF/AD	WYCHEPROOF	VIC
YWYG/ALA	WYAGIPO	NT
YWYL/ALA	WHYALLA (QLD)	QLD
YWYM/AD	WYNDHAM	WA
YWYN/ALA	WYNELLA	QLD
YWYO/HLS	WYOMING	QLD
YWYR/ALA	WYREEMA	QLD
YWYU/ALA	WYUNA	WA
YWYY/AD	WYNYARD	TAS
YXAA/HLS	NEW ROYAL ADELAIDE HOSPITAL	SA
YXAB/HLS	COONABARABRAN HOSPITAL	NSW
YXAE/HLS	KATHERINE HOSPITAL	NT
YXAG/HLS	ANGASTON HOSPITAL	SA
YXAH/HLS	ARMIDALE HOSPITAL	NSW
YXAL/HLS	ALBURY HOSPITAL	NSW
YXAN/HLS	ARDROSSAN HOSPITAL	SA
YXAO/HLS	CANOWINDRA MEDICAL	NSW
YXAR/HLS	ARARAT HOSPITAL	VIC
YXAT/HLS	ATHERTON HOSPITAL	QLD
YXAV/HLS	CRAVEN MEDICAL	NSW
YXAY/HLS	BLAYNEY MEDICAL	NSW
YXBA/HLS	BALAKLAVA HOSPITAL	SA
YXBD/HLS	BUNDABERG HOSPITAL	QLD
YXBE/HLS	BENDIGO HOSPITAL	VIC
YXBF/HLS	BICHENO MEDICAL	TAS
YXBH/HLS	BATHURST HOSPITAL	NSW
YXBI/HLS	BIGGENDEN HOSPITAL	QLD
YXBK/HLS	BELLBROOK MEDICAL	NSW
YXBL/HLS	BLACKTOWN HOSPITAL	NSW
YXBM/HLS	BLUE MOUNTAINS HOSPITAL	NSW
YXBN/HLS	BAIRNSDALE HOSPITAL	VIC
YXBO/HLS	BOONAH HOSPITAL	QLD
YXBR/HLS	MOUNT BARKER HOSPITAL	SA
YXBS/HLS	BEAUDESERT HOSPITAL	QLD
YXBT/HLS	BALLARAT BASE HOSPITAL	VIC
YXBU/HLS	BULWER/MORETON ISLAND	QLD
YXBV/HLS	BEGA HOSPITAL	NSW
YXBW/HLS	BOWEN HOSPITAL	QLD
YXBY/HLS	ALONNAH MEDICAL	TAS
YXBZ/HLS	BILOELA HOSPITAL	QLD
YXCB/HLS	CANBERRA HOSPITAL	ACT
YXCC/HLS	CONCORD HOSPITAL	NSW
YXCE/HLS	SOUTH CAIRNS HEALTH FACILITY	QLD
YXCF/HLS	ORANGE HELICOPTER RESCUE BASE	NSW
YXCH/HLS	CHERBOURG HOSPITAL	QLD
YXCI/HLS	CHINCHILLA HOSPITAL	QLD
YXCL/HLS	COLLARENEBRI HOSPITAL	NSW
YXCM/HLS	COOMA HOSPITAL	NSW
YXCO/HLS	COOKTOWN HEALTH SERVICE	QLD
YXCP/HLS	CAMPBELLTOWN HOSPITAL	NSW
YXCR/HLS	CEDAR MEDICAL	NSW
YXCS/HLS	CLONCURRY HOSPITAL	QLD
YXCT/HLS	CLERMONT HOSPITAL	QLD
YXCU/HLS	CUNNINGHAMS GAP	QLD
YXCV/HLS	COLLINSVILLE HOSPITAL	QLD
YXCW/HLS	COWRA HOSPITAL	NSW
YXCY/HLS	CALVARY HOSPITAL	ACT
YXDA/HLS	DALBY HOSPITAL	QLD
YXDB/HLS	DUBBO HOSPITAL	NSW
YXDE/HLS	DENMAN HOSPITAL	NSW
YXDG/HLS	DORRIGO MEDICAL	NSW
YXDH/HLS	ROYAL DARWIN HOSPITAL	NT
YXDM/HLS	DERBY MEDICAL	TAS
YXDN/HLS	DUNEDOO HOSPITAL	NSW
YXDO/HLS	DOYLES MEDICAL	NSW
YXDR/HLS	MUNDUBERRA HOSPITAL	QLD
YXDT/HLS	GLADSTONE HOSPITAL	QLD
YXDU/HLS	DUNWICH HOSPITAL	QLD
YXDV/HLS	DOVER MEDICAL	TAS
YXDY/HLS	DYSART HOSPITAL	QLD
YXEA/HLS	EAGLEHAWK NECK MEDICAL	TAS
YXEG/HLS	BELLINGEN MEDICAL	NSW
YXEI/HLS	EIDSVOLD HOSPITAL	QLD
YXEL/HLS	BOTHWELL MEDICAL	TAS
YXEM/HLS	EDEN MEDICAL	NSW
YXEP/HLS	WEIPA HOSPITAL	QLD
YXER/HLS	ELLERSTON MEDICAL	NSW
YXES/HLS	ESK HOSPITAL	QLD
YXET/HLS	EAST RIDGE MEDICAL	NSW
YXFH/HLS	FIONA STANLEY HOSPITAL	WA
YXFM/HLS	FLINDERS MEDICAL CENTRE	SA
YXFO/HLS	FORBES HOSPITAL	NSW
YXFP/HLS	FREYCINET PENINSULA MEDICAL	TAS
YXFR/HLS	FRANKSTON HOSPITAL	VIC
YXFV/HLS	NEWCASTLE WESTPAC BASE	NSW
YXGA/HLS	GATTON HOSPITAL	QLD
YXGC/HLS	GLOUCESTER MEDICAL	NSW
YXGE/HLS	GLEN INNES MEDICAL	NSW
YXGG/HLS	GLENREAGH MEDICAL	NSW
YXGH/HLS	GOULBURN HOSPITAL	NSW
YXGI/HLS	GAYNDAH HOSPITAL	QLD
YXGL/HLS	GRENFELL MEDICAL	NSW
YXGM/HLS	INGHAM HEALTH SERVICE	QLD
YXGN/HLS	GOONOO GOONOO MEDICAL	NSW
YXGO/HLS	GOONDIWINDI HOSPITAL	QLD
YXGP/HLS	GRAFTON HOSPITAL	NSW
YXGR/HLS	GILGANDRA HOSPITAL	NSW
YXGS/HLS	GOSFORD HOSPITAL	NSW
YXGT/HLS	GULGONG HOSPITAL	NSW
YXGU/HLS	GUNNEDAH HOSPITAL	NSW
YXGW/HLS	GUNDAGAI MEDICAL	NSW
YXGY/HLS	GYMPIE HOSPITAL	QLD
YXHB/HLS	HOLBROOK MEDICAL	NSW
YXHC/HLS	CHARLTON HOSPITAL	VIC
YXHE/HLS	HERVEY BAY HOSPITAL	QLD
YXHG/HLS	GOLD COAST UNIVERSITY HOSPITAL	QLD
YXHH/HLS	ROYAL HOBART HOSPITAL	TAS
YXHK/HLS	HORNSBY KU-RING-GAI HOSPITAL	NSW
YXHS/HLS	SUNSHINE COAST HOSPITAL	QLD

CODE	LOCATION	STATE
YXHT/HLS	CHARTERS TOWERS HOSPITAL	QLD
YXHU/HLS	HUGHENDEN HOSPITAL	QLD
YXHY/HLS	HAY HOSPITAL	NSW
YXIG/HLS	BINGARA MEDICAL	NSW
YXIH/HLS	MOUNT ISA HOSPITAL	QLD
YXIL/HLS	COLLINGULLIE MEDICAL	NSW
YXIP/HLS	IPSWICH HOSPITAL	QLD
YXIS/HLS	INNISFAIL HOSPITAL	QLD
YXIV/HLS	INVERELL HOSPITAL	NSW
YXIW/HLS	INGLEWOOD HOSPITAL	QLD
YXJA/HLS	JAMISON PRIVATE HOSPITAL PENRITH	NSW
YXJD/HLS	JINDABYNE MEDICAL	NSW
YXJH/HLS	JOHN HUNTER HOSPITAL	NSW
YXJN/HLS	JANDOWAE HOSPITAL	QLD
YXJU/HLS	JUNEE MEDICAL	NSW
YXKA/HLS	KILLARNEY HOSPITAL	QLD
YXKC/HLS	KINGSCOTE HOSPITAL	SA
YXKD/HLS	KANDOS MEDICAL	NSW
YXKH/HLS	KAPUNDA HOSPITAL	SA
YXKI/HLS	KILCOY HOSPITAL	QLD
YXKL/HLS	KILKWANA HOSPITAL	QLD
YXKN/HLS	KINGAROY HOSPITAL	QLD
YXKO/HLS	KYOGLE HOSPITAL	NSW
YXKP/HLS	KEDRON PARK SES BASE QLD	QLD
YXKR/HLS	KARRATHA HEALTH CAMPUS	WA
YXKT/HLS	KYNETON DISTRICT HEALTH SERVICE	VIC
YXKW/HLS	BLACKWATER HOSPITAL	QLD
YXLA/HLS	LAIDLEY HOSPITAL	QLD
YXLB/HLS	BARALABA HOSPITAL	QLD
YXLE/HLS	LEETON MEDICAL	NSW
YXLF/HLS	LATROBE HOSPITAL	TAS
YXLG/HLS	LITHGOW MEDICAL	NSW
YXLH/HLS	LEONGATHA HOSPITAL	VIC
YXLL/HLS	LIVERPOOL HOSPITAL	NSW
YXLN/HLS	COOLAMON MEDICAL	NSW
YXLQ/HLS	LYELL MCEWIN HOSPITAL	SA
YXLR/HLS	MILLMERRAN HOSPITAL	QLD
YXLS/HLS	LATROBE REGIONAL HOSPITAL	VIC
YXLT/HLS	CABOOLTURE HOSPITAL	QLD
YXLU/HLS	LAUNCESTON GENERAL HOSPITAL	TAS
YXLX/HLS	LOXTON HOSPITAL	SA
YXMA/HLS	MACLEAN HOSPITAL	NSW
YXMB/HLS	MAREEBA HOSPITAL	QLD
YXMC/HLS	MACLAY ISLAND	QLD
YXMG/HLS	MURGON HOSPITAL	QLD
YXMH/HLS	MUDGEE HOSPITAL	NSW
YXMI/HLS	MENINGIE HOSPITAL	SA
YXMJ/HLS	MURRAY BRIDGE HOSPITAL	SA
YXMK/HLS	MACKSVILLE MEDICAL	NSW
YXMM/HLS	MANNUM HOSPITAL	SA
YXMN/HLS	MORANBAH HOSPITAL	QLD
YXMO/HLS	MOSSMAN HOSPITAL	QLD
YXMP/HLS	MOUNT PERRY HEALTH CARE CENTRE	QLD
YXMQ/HLS	MAITLAND HOSPITAL (SA)	SA
YXMR/HLS	MOURA HOSPITAL	QLD
YXMS/HLS	MILES HOSPITAL	QLD
YXMT/HLS	MAITLAND HOSPITAL	NSW
YXMU/HLS	MULLUMBIMBY HOSPITAL	NSW
YXMV/HLS	MONA VALE HOSPITAL	NSW
YXMW/HLS	MERRIWA HOSPITAL	NSW
YXMX/HLS	MINLATON HOSPITAL	SA
YXMY/HLS	MORUYA HOSPITAL	NSW
YXMZ/HLS	MANILLA MEDICAL	NSW
YXNA/HLS	NAMBOUR HOSPITAL	QLD
YXND/HLS	WOORABINDA HEALTH SERVICE	QLD
YXNE/HLS	NEPEAN HOSPITAL	NSW
YXNH/HLS	NARRABRI HOSPITAL	NSW
YXNL/HLS	NORTHERN BEACHES HOSPITAL	NSW
YXNM/HLS	NARROMINE MEDICAL	NSW
YXNN/HLS	NANANGO HOSPITAL	QLD
YXNR/HLS	NORTH RANKIN COMPLEX	WA
YXNS/HLS	ROYAL NORTH SHORE HOSPITAL	NSW
YXNW/HLS	SHOALHAVEN MEMORIAL HOSPITAL	NSW
YXNY/HLS	NELSON BAY MEDICAL	NSW
YXOA/HLS	COHUNA HOSPITAL	VIC
YXOD/HLS	OATLANDS MEDICAL	TAS
YXOF/HLS	COFFS HARBOUR HOSPITAL	NSW
YXOG/HLS	ORANGE BLOOMFIELD HOSPITAL	NSW
YXOH/HLS	COOLAH HOSPITAL	NSW
YXOI/HLS	BOBIN MEDICAL	NSW
YXOK/HLS	CROOKWELL RFS	NSW
YXOL/HLS	CONDOBOLIN MEDICAL	NSW
YXOM/HLS	BOMBALA MEDICAL	NSW
YXON/HLS	COONAMBLE MEDICAL	NSW
YXOO/HLS	COOTAMUNDRA HOSPITAL	NSW
YXOS/HLS	OUSE MEDICAL	TAS
YXOT/HLS	MONTO HOSPITAL	QLD
YXOU/HLS	CALOUNDRA HOSPITAL	QLD
YXOW/HLS	BOWRAL MEDICAL	NSW
YXPC/HLS	JOYCE PALMER HEALTH SERVICE	QLD
YXPD/HLS	PORT HEDLAND HOSPITAL	WA
YXPE/HLS	PORT PIRIE HOSPITAL	SA
YXPH/HLS	PEAK HILL HOSPITAL	NSW
YXPI/HLS	PINDARA HOSPITAL	QLD
YXPK/HLS	PARKES HOSPITAL	NSW
YXPM/HLS	PORT MACQUARIE BASE HOSPITAL	NSW
YXPN/HLS	PROSERPINE HOSPITAL	QLD
YXPP/HLS	PIPELINE AUTHORITY MEDICAL YOUNG	NSW
YXPR/HLS	PORTLAND HOSPITAL	VIC
YXPU/HLS	PORT ARTHUR MEDICAL	TAS
YXQC/HLS	QUEENSLAND CHILDREN'S HOSPITAL	QLD
YXQE/HLS	QUEEN ELIZABETH II MEDICAL CENTRE	WA
YXQU/HLS	QUIRINDI MEDICAL	NSW

CODE	LOCATION	STATE
YXRA/HLS	RANDWICK MEDICAL	NSW
YXRD/HLS	REDLANDS BAY HOSPITAL	QLD
YXRH/HLS	TARA HOSPITAL	QLD
YXRK/HLS	ROCKHAMPTON HOSPITAL	QLD
YXRM/HLS	RENMARK HOSPITAL	SA
YXRN/HLS	RYLSTONE HOSPITAL	NSW
YXRP/HLS	ROYAL PERTH HOSPITAL	WA
YXRU/HLS	RUSSELL ISLAND HLS	QLD
YXRW/HLS	CAMBERWELL MEDICAL	NSW
YXSA/HLS	SYDNEY ADVENTIST HOSPITAL	NSW
YXSB/HLS	SOUTHCARE BASE	ACT
YXSC/HLS	SCONE MEDICAL	NSW
YXSD/HLS	ST HELENS DISTRICT HOSPITAL	TAS
YXSE/HLS	SHOALHAVEN EMERGENCY MANAGEMENT CENTRE	NSW
YXSG/HLS	ST GEORGE HOSPITAL	NSW
YXSH/HLS	SHELLHARBOUR HOSPITAL	NSW
YXSI/HLS	SINGLETON HOSPITAL	NSW
YXSM/HLS	ST MARYS MEDICAL	TAS
YXSN/HLS	SYDNEY CHILDRENS HOSPITAL	NSW
YXSO/HLS	SCOTTSDALE MEDICAL	TAS
YXST/HLS	STANTHORPE HOSPITAL	QLD
YXSW/HLS	SWANSEA MEDICAL	TAS
YXSY/HLS	STRATHALBYN HOSPITAL	SA
YXTA/HLS	TANGALOOMA RESORT	QLD
YXTB/HLS	TRIABUNNA MEDICAL	TAS
YXTD/HLS	TRUNDLE MEDICAL	NSW
YXTE/HLS	TENTERFIELD HOSPITAL	NSW
YXTI/HLS	THURSDAY ISLAND HOSPITAL	QLD
YXTL/HLS	TOWNSVILLE HOSPITAL	QLD
YXTN/HLS	TANUNDA HOSPITAL	SA
YXTO/HLS	TOOWOOMBA HOSPITAL	QLD
YXTS/HLS	TOWNSVILLE HOSPITAL	QLD
YXTU/HLS	TULLY HOSPITAL	QLD
YXTV/HLS	TWEED VALLEY HOSPITAL	NSW
YXTW/HLS	TAMWORTH HOSPITAL	NSW
YXTX/HLS	TEXAS MULTI PURPOSE HEALTH SERVICE	QLD
YXUA/HLS	MILTON ULLADULLA HOSPITAL	NSW
YXUB/HLS	COLUMBINE MEDICAL	NSW
YXUD/HLS	CUDAL MEDICAL	NSW
YXUH/HLS	MACQUARIE UNIVERSITY HOSPITAL	NSW
YXUN/HLS	BEN BULLEN MEDICAL	NSW
YXUS/HLS	MUSWELLBROOK MEDICAL	NSW
YXVH/HLS	VICTORIAN HEART HOSPITAL	VIC
YXVL/HLS	BOWRAVILLE MEDICAL	NSW
YXWA/HLS	WARWICK HOSPITAL	QLD
YXWG/HLS	WAGGA WAGGA HOSPITAL	NSW
YXWH/HLS	WALCHA MEDICAL	NSW
YXWI/HLS	WERRIS CREEK MEDICAL	NSW
YXWK/HLS	WARKWORTH MEDICAL	NSW
YXWL/HLS	WOLLONGONG HOSPITAL	NSW
YXWM/HLS	WESTMEAD CHILDRENS HOSPITAL	NSW
YXWO/HLS	WONDAI HOSPITAL	QLD
YXWR/HLS	WALCROW MEDICAL	NSW
YXWS/HLS	WESTMEAD CASB	NSW
YXWT/HLS	WELLINGTON MEDICAL	NSW
YXWU/HLS	WOOLGOOLGA MEDICAL	NSW
YXWV/HLS	WALLABADAH MEDICAL	NSW
YXWW/HLS	WEE WAA HOSPITAL	NSW
YXWY/HLS	WYONG HOSPITAL	NSW
YXXL/HLS	BOX HILL HOSPITAL	VIC
YXXM/HLS	MONASH CHILDREN'S HOSPITAL	VIC
YXYA/HLS	YASS HOSPITAL	NSW
YXYK/HLS	YORKETOWN HOSPITAL	SA
YXYO/HLS	YOUNG HOSPITAL	NSW
YXYR/HLS	AYR HOSPITAL	QLD
YYAB/ALA	YACKABINDIE	WA
YYAC/ALA	YACAMUNDA	QLD
YYAL/ALA	YALGOO	WA
YYAR/HLS	MOUNT YARRABAH	QLD
YYAY/ALA	YINYIKAY	NT
YYBH/HLS	YARRABAH	QLD
YYDM/ALA	YUNDAMINDRA	WA
YYDN/ALA	YARRADEN	QLD
YYEA/ALA	YEABURN	VIC
YYER/ALA	YERILLA	WA
YYIN/ALA	YINNIETHARRA STN	WA
YYKA/ALA	YARAKA	QLD
YYKI/AD	YORKE ISLAND	QLD
YYLD/ALA	YALDA DOWNS HS	NSW
YYLG/ALA	YALLALONG HS	WA
YYLK/ALA	YALAKUN STN	NT
YYLL/ALA	YELLOW BANK JUNCTION	QLD
YYME/ALA	YARROWMERE	QLD
YYMI/ALA	YAM ISLAND	QLD
YYND/ALA	YUENDUMU	NT
YYNG/AD	YOUNG	NSW
YYNR/ALA	YANREY	WA
YYOO/ALA	YALYMBOO	SA
YYOR/ALA	YORKETOWN	SA
YYRM/AD	YARRAM	VIC
YYRN/ALA	YAMARNA	WA
YYRW/ALA	YARLARWEELOR	WA
YYTA/ALA	YALATA MISSION	SA
YYUN/ALA	YUNTA	SA
YYWA/ALA	YOWAH	QLD
YYWG/AD	YARRAWONGA	VIC
YYYA/ALA	YANDIEARRA	WA
YZAN/ALA	ZANTHUS	WA
YZON/ALA	ZONE FIVE	WA

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IFR WAYPOINTS

WAYPOINT	*LAT*	*LONG*
ABARB	325106S	1545605E
ABASS	343500S	1505636E
ABBEY	342411S	1510541E
ABLOK	124304S	1432624E
ABTOD	325942S	1350800E
ABTOX	184713S	1471015E
ABVAS	225618S	1500156E
ABVOG	374021S	1443916E
ABVOM	292038S	1681033E
ABVUV	123100S	1292600E
ACKER	120116S	1321218E
ACOOL	300000S	1100000E
ACTIN	333013S	1380133E
ADBER	122111S	1305741E
ADBOK	341645S	1541523E
ADGAD	250000S	1525500E
ADGET	273025S	1531943E
ADKEX	294843S	1520658E
ADKIV	140155S	1322940E
ADKOP	234828S	1334839E
ADKUK	373306S	1451412E
ADKUL	092437S	1295620E
ADLAG	183840S	1463816E
ADLEK	355958S	1464859E
ADLIV	331913S	1534312E
ADLOB	204810S	1165255E
ADLOP	274145S	1530014E
ADLOS	232910S	1501942E
ADLOT	141000S	1231900E
ADLUR	233806S	1502757E
ADMAK	282038S	1535210E
ADMAR	301922S	1515443E
ADMOD	315030S	1510115E
ADNOD	190103S	1464748E
ADNUK	264005S	1534826E
ADPAV	340757S	1505345E
ADPOL	131945S	1250405E
ADPUG	334153S	1503959E
AGAGO	281313S	1364539E
AGELU	314954S	1154324E
AGETA	300143S	1480742E
AGETI	262011S	1524340E
AGIGA	122404S	1313241E
AGIVA	272713S	1515600E
AGONI	274332S	1523434E
AGPOK	192300S	1464900E
AGPUD	263010S	1310748E
AGRAB	310000S	1523724E
AGRAX	224017S	1415030E
AGREK	270120S	1211922E
AGROS	342500S	1375336E
AGSAL	263430S	1531347E
AGSAX	345558S	1381841E
AGSEL	195528S	1094101E
AGSIR	191209S	1464715E
AGSUL	345255S	1504948E

WAYPOINT	*LAT*	*LONG*
AGTEK	280901S	1533826E
AGTEV	373149S	1445734E
AGTOD	325511S	1194522E
AGTOR	304714S	1490741E
AGUST	133743S	1311215E
AGVAL	122700S	1340600E
AGVID	333622S	1505603E
AGVIT	191109S	1464922E
AGVUB	325018S	1495536E
AHOSK	404158S	1461237E
AIDEN	235558S	1335120E
AKALU	342230S	1550950E
AKBOT	333134S	1502847E
AKBUG	185708S	1462625E
AKDAV	330147S	1361213E
AKDEL	375004S	1445208E
AKERO	264227S	1532138E
AKINU	204152S	1430636E
AKISO	271415S	1401107E
AKLAB	400000S	1453046E
AKLIM	351058S	1494740E
AKLOL	325338S	1520731E
AKMER	312531S	1155905E
AKMIR	341043S	1500624E
AKNAD	261551S	1530350E
AKNEV	331409S	1491406E
AKNOK	341136S	1415249E
AKNON	273827S	1524243E
AKNUD	122425S	1312026E
AKNUM	353355S	1424717E
AKOBA	264215S	1530344E
AKOGA	335931S	1501457E
AKOGI	205849S	1152359E
AKOGU	163634S	1453322E
AKPAL	322224S	1491047E
AKPOM	324807S	1494027E
AKROM	182114S	1464801E
AKROT	284450S	1525902E
AKRUM	171401S	1192100E
AKRUN	334236S	1250000E
AKRUS	324805S	1515951E
AKSID	374553S	1450541E
AKSIK	273431S	1524106E
AKSOS	330506S	1164658E
AKTAM	394215S	1461429E
AKTEG	330211S	1510029E
AKTOB	273402S	1530005E
AKTUX	290241S	1531604E
AKUKO	090030S	1022106E
AKUMI	251414S	1471922E
AKUVO	204316S	1152404E
AKVEM	273233S	1512812E
AKVIN	375546S	1470053E
AKVOG	281256S	1533218E
ALAKU	210016S	1201614E
ALALI	324750S	1514959E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
ALASU	330000S	1440000E	ANROM	294734S	1470619E
ALAXO	375024S	1435842E	ANRUB	195921S	1464217E
ALAXU	251308S	1493049E	ANSEP	314532S	1161216E
ALBEE	192242S	1460822E	ANSIP	295318S	1370206E
ALBIX	333254S	1280000E	ANSOR	274814S	1525155E
ALBUB	272456S	1525400E	ANTLA	400000S	1471116E
ALBUT	354117S	1392053E	ANUGO	360311S	1470402E
ALBUX	200116S	1481255E	ANUPA	113052S	1295425E
ALDAR	293548S	1521041E	ANUXU	304752S	1390541E
ALDAT	345632S	1381332E	ANVAC	350921S	1382713E
ALDEL	252843S	1180932E	ANZAC	224447S	1354926E
ALDIM	234442S	1334720E	APAGI	285056S	1523507E
ALDOP	350345S	1492257E	APAGU	162120S	1455002E
ALEGO	103824S	1250800E	APIGA	373551S	1451508E
ALIRA	180346S	1234846E	APIMA	203655S	1160439E
ALLEE	130150S	1312934E	APISO	120000S	1473624E
ALLOC	335436S	1524213E	APOKI	342649S	1383945E
ALONE	270600S	1495330E	APOMA	295353S	1424054E
ALPAL	391606S	1441640E	APOVU	020000S	0820000E
ALTIR	323936S	1403012E	APUKA	120000S	1445740E
ALTRO	330958S	1402035E	APUKU	271201S	1530305E
ALULU	211427S	1172051E	APUSS	193307S	1430108E
ALVES	020000S	0860000E	ARALO	290854S	1150136E
ALWYN	315122S	1160731E	ARANA	301306S	1394118E
AMANA	314528S	1163743E	ARBEY	371006S	1444354E
AMBLE	271736S	1530542E	ARCHA	291230S	1680741E
AMELI	375421S	1471404E	ARENI	265550S	1323557E
AMITY	272542S	1533026E	AREPA	343428S	1375111E
AMOCO	240000S	1521230E	AREST	321104S	1455147E
AMSTA	291207S	1675623E	AREXO	373216S	1445212E
AMVOB	334345S	1153910E	ARNTU	253805S	1484938E
ANBAN	311948S	1491614E	AROBI	315327S	1154114E
ANBEL	372431S	1450703E	AROLI	290703S	1463703E
ANBEM	373122S	1444838E	ARONO	114822S	1295945E
ANDAB	171531S	1324452E	ARONU	274031S	1531549E
ANDEE	161058S	1431408E	AROXO	132811S	1390340E
ANDOP	162827S	1445807E	ARRAN	355015S	1473822E
ANGAS	250758S	1322622E	ARUMI	343540S	1172256E
ANGAV	350008S	1382104E	ARUPU	121339S	1303705E
ANGED	133556S	1314326E	ARUTA	253230S	1470948E
ANGEX	374742S	1460528E	ASEBI	284143S	1175206E
ANGIB	350616S	1473614E	ASEBU	200750S	1214903E
ANGIT	203626S	1490706E	ASIKU	175215S	1221618E
ANIRA	610000S	1330000E	ASILI	340007S	1375250E
ANIRI	271749S	1533508E	ASINO	175651S	1221507E
ANITA	323824S	1354439E	ASUBO	252348S	1375900E
ANJJO	125611S	1253733E	ASUKI	374357S	1445059E
ANKED	272543S	1524604E	ASUMU	343739S	1480150E
ANKEL	275901S	1182712E	ASUVA	330414S	1521226E
ANKUB	335912S	1505835E	ASWAN	353106S	1432024E
ANLAR	150006S	1400000E	ATADO	280000S	1543000E
ANLID	360704S	1480633E	ATATA	214033S	1213538E
ANNKY	341402S	1494846E	ATGOD	351041S	1500202E
ANONA	125045S	1303759E	ATHEL	345600S	1384454E
ANOSO	382609S	1470942E	ATIBO	374320S	1451301E
ANPEN	335521S	1502916E	ATIGU	422621S	1474118E
ANPUT	344336S	1384147E	ATIRU	332857S	1511032E
ANREP	353424S	1490553E	ATIVA	332233S	1154038E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
ATKEN	281651S	1533942E	AVMAT	190530S	1464452E
ATKOM	411914S	1464443E	AVMEK	305837S	1141542E
ATLIB	290726S	1392914E	AVMEL	373343S	1444904E
ATLID	274612S	1524822E	AVMON	253004S	1322405E
ATLOD	233000S	1135342E	AVMOV	334211S	1511838E
ATLOR	322959S	1513546E	AVMUN	270059S	1541722E
ATMAL	120000S	1073530E	AVNAS	400001S	1455300E
ATMAP	120000S	1181518E	AVNEX	304845S	1155138E
ATMUT	305155S	1524031E	AVNIB	323245S	1545503E
ATNAR	344402S	1373903E	AVNOL	084927S	1315143E
ATNAT	335409S	1543012E	AVNOV	233000S	1160019E
ATNOL	373903S	1443920E	AVPAL	303313S	1163754E
ATOKU	375814S	1445340E	AVPAS	323135S	1374204E
ATOSU	163659S	1454312E	AVPES	315458S	1152436E
ATOTU	142340S	1321549E	AVPIP	260549S	1325641E
ATPAR	232043S	1184134E	AVPIS	275012S	1533444E
ATPER	373248S	1452718E	AVPIX	373836S	1443144E
ATPIP	352713S	1385507E	AZZAR	313845S	1154328E
ATRAX	270605S	1531327E	BAABA	272629S	1531323E
ATRET	340329S	1511218E	BADGR	374306S	1452800E
ATRIR	334745S	1503917E	BAHBA	314846S	1162000E
ATROP	265542S	1535606E	BAISH	235421S	1342435E
ATSEP	271628S	1531858E	BAMIL	320532S	1161244E
ATSIN	255742S	1443400E	BANDA	304759S	1523423E
ATSUG	324518S	1513043E	BANKS	250112S	1164630E
ATVAV	311238S	1503843E	BARIA	171248S	1462148E
ATVIL	262536S	1510943E	BARNY	125002S	1302202E
ATVON	271158S	1523702E	BAROW	205150S	1152441E
AUDRA	400000S	1450942E	BARTA	274428S	1500718E
AUSGA	150232S	1151126E	BARTN	350335S	1490354E
AVBAD	320141S	1155622E	BASOB	231234S	1501828E
AVBAK	284327S	1533842E	BATEN	350034S	1382634E
AVBEG	344942S	1490232E	BATIR	200647S	1464919E
AVBID	320624S	1502016E	BAVAM	212339S	1492000E
AVBOS	292415S	1500137E	BAVEX	141000S	1231400E
AVBUR	350235S	1494356E	BAVOB	334733S	1503943E
AVDAM	345055S	1383001E	BAVOT	180708S	1225441E
AVDAN	160659S	1451938E	BAVUR	424854S	1474309E
AVDED	322314S	1515535E	BAXIB	122015S	1311039E
AVDEN	345838S	1402057E	BAXMN	253446S	1183428E
AVDIS	292119S	1150646E	BAZZA	284458S	1464126E
AVDOT	263631S	1441527E	BEADS	313614S	1535936E
AVGEK	294351S	1494933E	BEBAP	171738S	1220445E
AVGEM	152125S	1225519E	BEBEK	422808S	1472952E
AVGIK	312644S	1164431E	BEBEN	131925S	1315500E
AVGOP	323953S	1520712E	BEBIM	103840S	0935008E
AVGUM	413800S	1504800E	BEBOG	033308S	0792559E
AVGUS	285900S	1532920E	BEBUD	193849S	1465239E
AVKAN	270200S	1154124E	BEBUG	130000S	1150848E
AVKAP	351500S	1494002E	BEBUX	145548S	1324038E
AVKIK	210026S	1484643E	BEDAT	273328S	1531248E
AVKIR	334056S	1534744E	BEDUG	113453S	1315752E
AVKOG	353519S	1441051E	BEERN	271713S	1531406E
AVKUT	325256S	1512309E	BEETI	280312S	1470518E
AVLAN	260524S	1524400E	BEGMI	095000S	1402436E
AVLUS	203954S	1414327E	BEGVA	315956S	1160610E
AVMAN	103558S	1290920E	BEKAG	273657S	1531043E
AVMAS	275239S	1173204E	BEKED	205638S	1152146E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
BEKID	270911S	1530113E	BIMOP	345917S	1381754E
BEKIG	315033S	1134516E	BIMUS	425233S	1473938E
BEKIK	290610S	1674539E	BINAG	290518S	1481025E
BELBI	250048S	1200023E	BINOG	132000S	1184000E
BELEL	262804S	1175929E	BINOX	315758S	1153123E
BELKI	114112S	1282800E	BINUN	184801S	1463338E
BELTA	372744S	1444754E	BINUP	272057S	1524407E
BELUL	242534S	1452609E	BIPAP	332807S	1510911E
BELUN	122908S	1304525E	BIPUD	272245S	1530038E
BEMAN	272358S	1533329E	BIRER	320418S	1182342E
BEMGI	360512S	1471620E	BISAB	320758S	1551238E
BEMPI	324017S	1194744E	BISEK	274022S	1530234E
BEMVU	195218S	1130624E	BITAP	314713S	1150743E
BENBU	331148S	1495854E	BITAS	201016S	1475434E
BENDO	351436S	1393037E	BITUL	292732S	1475906E
BENJI	164606S	1454512E	BITUM	320706S	1155448E
BENKI	140000S	1470024E	BIVAS	261331S	1382324E
BENTA	143518S	1443706E	BIVAT	273231S	1515443E
BENVO	313002S	1545917E	BIVED	425520S	1474327E
BEPKA	341114S	1391848E	BIVIT	284834S	1533908E
BEPKI	285319S	1183054E	BIXAD	264128S	1531447E
BEPKU	174607S	1425550E	BIXAV	354023S	1484851E
BEPNA	264326S	1502558E	BIXAX	191123S	1465546E
BEPSO	364824S	1493958E	BLAKA	281200S	1531318E
BERBU	224736S	1335706E	BOBEB	170642S	1442324E
BERNI	285018S	1532755E	BOBED	271552S	1531245E
BEROW	333648S	1510658E	BOBEL	373401S	1445452E
BERSI	163755S	1455222E	BOBIG	340610S	1511341E
BERTI	274654S	1531112E	BOBOP	285554S	1514050E
BERVU	345718S	1440924E	BOBUS	265028S	1141048E
BESBO	254440S	1512930E	BOCKY	345501S	1382132E
BESRO	351409S	1492446E	BODAP	173241S	1461345E
BETNI	273059S	1525503E	BODAS	235856S	1334157E
BETSO	270938S	1531523E	BODEG	200737S	1630000E
BEVSO	341851S	1391059E	BODEP	413819S	1471011E
BEYNO	140810S	1330910E	BODOV	424716S	1474758E
BEZZA	305130S	1314830E	BOFOR	141400S	1330730E
BIARO	304641S	1502629E	BOGES	365110S	1454419E
BIBGA	192204S	1084017E	BOGUD	350401S	1474124E
BIBRA	320633S	1154834E	BOING	221424S	1271502E
BIBRU	352756S	1492006E	BOKED	373140S	1581110E
BIBVO	425934S	1474316E	BOKES	193700S	1464600E
BICKL	263927S	1531550E	BOLAM	345856S	1412810E
BIDAP	242405S	1231444E	BOLTY	374931S	1445636E
BIDGI	353148S	1490842E	BOMTA	185422S	1464200E
BIDGU	265100S	1485400E	BONES	161043S	1323741E
BIDKI	261427S	1525716E	BONEY	274830S	1555430E
BIGEM	341052S	1503910E	BONGS	280000S	1100000E
BIGIX	273816S	1522927E	BONRU	272617S	1513859E
BIGUP	185532S	1231947E	BOODA	290522S	1680131E
BIKEP	270919S	1511602E	BOOGI	340121S	1510016E
BIKER	204356S	1361402E	BOOIN	372702S	1453817E
BIKUS	340020S	1514646E	BOOKA	320115S	1163933E
BILBI	271038S	1525913E	BOOMA	200000S	1504112E
BILBY	304231S	1545234E	BOPKU	353257S	1500022E
BILER	185355S	1463836E	BOPLO	120000S	1165506E
BIMAV	232812S	1492542E	BOPNI	123052S	1311920E
BIMBY	294651S	1181427E	BORAH	215713S	1191331E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
BOREE	331414S	1510238E	BUVGA	360802S	1393904E
BORLI	341458S	1460355E	BUVIV	372549S	1450016E
BORPU	201652S	1132437E	BUVNU	335533S	1502424E
BORTO	362334S	1404431E	BUVOT	315403S	1164255E
BORVI	272248S	1153705E	BUXAM	360628S	1464457E
BOSGI	374507S	1445112E	BYLLA	270000S	1100000E
BOSLI	311608S	1173141E	CALAR	290000S	1364951E
BOSUN	323137S	1504306E	CALIG	310200S	1162641E
BOSVU	272453S	1530641E	CALTX	170000S	1493914E
BOTGU	402241S	1564645E	CAMBS	250000S	1100000E
BOTVU	334340S	1505910E	CANNU	164939S	1454334E
BOVPU	350327S	1382221E	CAPER	332245S	1505619E
BOYDI	184744S	1323118E	CARBN	290722S	1465807E
BOYSE	371809S	1454010E	CARMN	185157S	1461555E
BOYSY	332405S	1503300E	CARSL	272106S	1530306E
BRAKI	345725S	1385647E	CARTS	294116S	1361421E
BRAND	180103S	1220538E	CATEY	192825S	1460329E
BRONY	375622S	1471201E	CAULI	262730S	1321148E
BRUKA	350018S	1385526E	CAWLY	341934S	1515728E
BUDGI	234616S	1503017E	CBULA	301600S	1533700E
BUDLO	184706S	1213926E	CESCI	192216S	1245138E
BUDMA	315307S	1153128E	CHIDL	315246S	1161554E
BUGBA	434856S	1630000E	CHIMU	373357S	1444750E
BUGNI	335608S	1471124E	CHITT	361618S	1434118E
BUGNU	265112S	1531038E	CHOOK	281700S	1534138E
BUGSO	271700S	1532229E	CITEE	272812S	1530446E
BUGSU	344749S	1382313E	CLARY	350559S	1383621E
BUGTI	285200S	1533000E	CLEOS	275822S	1521734E
BUIYA	260000S	1100000E	CLIFF	294203S	1520429E
BUKBU	270136S	1531420E	CLIFT	203617S	1482727E
BUKRA	262733S	1531744E	CLUGO	320406S	1154212E
BULDA	381400S	1615358E	COBEL	351006S	1280000E
BULGI	290003S	1194015E	COBES	231654S	1494948E
BULKO	380912S	1460606E	COBHI	314754S	1433100E
BULLA	370440S	1462050E	COBUN	171710S	1412232E
BULRA	234615S	1333624E	COCKA	230231S	1493829E
BUMLU	350854S	1381202E	CODIE	163242S	1453554E
BUNGL	302017S	1193139E	COLDS	374240S	1452058E
BUNGO	345331S	1495120E	COLLY	272922S	1473622E
BUNGY	372906S	1381948E	COLPY	350211S	1382414E
BUNNY	273249S	1271213E	COMAC	333308S	1375104E
BUNPO	164634S	1454604E	COMLY	350947S	1390656E
BUPLO	342342S	1385215E	COOBI	233517S	1201725E
BUPLU	140356S	1232629E	COODA	271058S	1533942E
BUPMO	130048S	1375654E	COOLA	251800S	1502205E
BURGU	325811S	1183920E	COOPA	314751S	1513155E
BURLI	281133S	1533602E	COPDI	293320S	1175629E
BURNA	424509S	1472356E	COPPA	354654S	1473454E
BURNO	211820S	1492222E	CORAL	263252S	1531910E
BURPA	270423S	1525733E	CORRS	375532S	1453650E
BUSKA	423750S	1471407E	COTON	273708S	1531300E
BUSLA	273642S	1525832E	COTTS	315836S	1154042E
BUSTO	235523S	1194705E	COWIE	274026S	1525206E
BUTIR	285951S	1533133E	CRAVN	320736S	1514600E
BUTON	212448S	1180506E	CREDY	254824S	1531512E
BUTPA	083248S	1293954E	CRENA	371624S	1400454E
BUVAM	290932S	1533407E	CRICK	342930S	1250000E
BUVEL	301848S	1150314E	CUDGN	281421S	1533239E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
CULIN	344424S	1492324E	DESET	245042S	1344612E
CURTN	352058S	1491140E	DEZZI	290316S	1675744E
DABKO	273651S	1525633E	DICKO	161810S	1301823E
DABMI	214340S	1450206E	DIGLA	211817S	1331127E
DABOG	324653S	1510210E	DIPLO	400000S	1454100E
DABSU	423852S	1471459E	DIPPA	335729S	1511926E
DABUX	372713S	1444315E	DIPSO	335423S	1520419E
DADAD	400843S	1503506E	DISHA	350410S	1390421E
DADAN	272949S	1530859E	DISPT	255557S	1531124E
DADAR	020000S	0792706E	DOBGO	203039S	1444358E
DADBO	235211S	1505120E	DOBGU	303649S	1205432E
DADER	364248S	1475401E	DODRO	230527S	1405612E
DADIS	231034S	1503508E	DOGAR	020000S	0875100E
DADPI	141722S	1263758E	DOGMI	410500S	1472820E
DADRU	344955S	1360000E	DOGMU	275103S	1531656E
DADSI	315646S	1162341E	DOGRO	350054S	1491020E
DADVA	310044S	1372050E	DOGTU	365802S	1515905E
DAGAK	123506S	1321534E	DOGVO	315836S	1155018E
DAGSI	204208S	1484715E	DOKLI	600000S	1285348E
DAGVA	322905S	1503152E	DOKNO	373424S	1450206E
DAKLA	271422S	1525541E	DOKSU	284712S	1381842E
DAKPO	313427S	1135446E	DOLIB	203327S	1442501E
DAKTI	122459S	1310905E	DOLKO	240000S	1525218E
DALAR	333213S	1510413E	DOLPA	333457S	1505145E
DALEY	353342S	1491041E	DOLSU	270326S	1533452E
DALOS	290129S	1673037E	DOLVU	344225S	1383754E
DALPA	260000S	1240000E	DOMBO	273158S	1532716E
DALWU	301441S	1164644E	DOMOM	162613S	1150758E
DAMDA	272815S	1530324E	DOMTI	142507S	1375717E
DAMID	340655S	1502357E	DONBU	353859S	1350000E
DAMIL	162118S	1441608E	DONIC	332247S	1515428E
DAMKO	352244S	1491140E	DONLO	185157S	1462933E
DAMOB	314046S	1392118E	DOORA	315424S	1490519E
DAMPU	212217S	1211608E	DOPTI	344958S	1382750E
DAMTU	340204S	1502405E	DOPUK	181434S	1272509E
DAOVO	025218S	0883542E	DORAT	274316S	1530552E
DAPLA	192144S	1464202E	DORKO	163012S	1454103E
DAPMA	144330S	1344419E	DORNU	230931S	1501458E
DAPPA	253524S	1413030E	DORSU	364824S	1443906E
DAPRA	285407S	1531749E	DOSAM	165410S	1331200E
DAPTU	271336S	1524817E	DOSBO	135718S	1325012E
DARGI	335518S	1502512E	DOSEL	370954S	1452343E
DARLY	374414S	1443746E	DOTAP	200917S	1364326E
DAVEY	202433S	1454459E	DOTBO	334818S	1394209E
DAYBO	270715S	1525306E	DOTLO	204210S	1152733E
DAYLR	321606S	1163317E	DOTOD	151424S	1490411E
DAZZA	212954S	1215918E	DOTOP	320618S	1190448E
DEBAY	271249S	1531023E	DOTPA	371446S	1442927E
DEBAZ	191736S	1402740E	DOTTE	184154S	1445242E
DEBEE	280534S	1522050E	DOTUM	240300S	1335410E
DECEM	164605S	1121209E	DOTVU	404959S	1450454E
DEENA	340624S	1511206E	DOVAR	344139S	1384721E
DEENO	213509S	1311254E	DOVEX	364924S	1474723E
DEJAY	285029S	1505344E	DOVIP	295620S	1530411E
DELRU	320336S	1160430E	DOVMI	263657S	1532314E
DENIS	273323S	1530805E	DOVOD	341132S	1404033E
DERRY	334317S	1480233E	DOVOM	284023S	1630000E
DERWY	345847S	1380715E	DOVPO	322253S	1514724E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
DOVUB	255343S	1442007E	ECKHO	393928S	1503104E
DOVUT	365436S	1441240E	EDPEG	284953S	1513543E
DOXAP	330122S	1515946E	EEMUE	352118S	1375914E
DOXIR	325113S	1514522E	EFFEY	200921S	1464031E
DRADO	123952S	1305201E	EGAPU	322348S	1514136E
DRAIN	270955S	1530504E	EGARO	293000S	1140000E
DRINA	352513S	1391406E	EGATU	120000S	1160536E
DUBAG	153248S	0850000E	EGAVI	182924S	1090224E
DUBED	353630S	1455206E	EGEKA	374340S	1450111E
DUBIL	210134S	1490408E	EGEVO	330247S	1515143E
DUBOM	271557S	1533334E	EGIXU	314238S	1160751E
DUBOV	344222S	1382030E	EGOPI	201628S	1453552E
DUBSO	094500S	1432518E	EGOPO	340657S	1510109E
DUBSU	333532S	1502521E	EGOTO	273756S	1531339E
DUBUD	290030S	1564139E	EGUBA	282339S	1503358E
DUBUL	283346S	1172556E	EGUGO	235053S	1513256E
DUBUS	360854S	1475143E	EGUMI	153035S	1280905E
DUDAB	374912S	1444342E	EKABO	310355S	1503829E
DUDEP	323456S	1550237E	EKASA	352003S	1493553E
DUDIM	140523S	1262312E	EKEGA	344145S	1381546E
DUDIN	315646S	1163249E	EKEPO	314702S	1160038E
DUDOK	340448S	1510438E	EKESU	330135S	1501911E
DUDUT	340453S	1414110E	EKIBI	320022S	1511302E
DUGAD	380353S	1465400E	EKIDA	315836S	1564649E
DUGAL	274344S	1533151E	EKIPU	331226S	1514426E
DUGEG	304612S	1144759E	EKKAS	380442S	1451124E
DUGGI	363545S	1462650E	EKOKO	304941S	1373915E
DUGOT	373704S	1450252E	EKOKU	161800S	1465354E
DUGOV	223749S	1193910E	EKULA	193235S	1144104E
DUKAD	264819S	1501020E	EKUNO	290046S	1244209E
DUKEL	262115S	1531026E	ELAPO	330948S	1402706E
DUKEP	124130S	1314248E	ELATA	344322S	1390458E
DUKEV	291440S	1144456E	ELATI	020000S	0895742E
DUKID	142122S	1322158E	ELBIS	090518S	1274342E
DUKOR	330706S	1194327E	ELDEK	203259S	1491430E
DUKUB	120000S	1491934E	ELDID	292858S	1171016E
DUKUK	185000S	1464500E	ELDUX	284009S	1533226E
DULAX	334730S	1502740E	ELENI	274233S	1522944E
DULCI	335454S	1521518E	ELGAT	282708S	1170421E
DULIN	273856S	1524325E	ELGAX	351804S	1493115E
DULOG	350703S	1382601E	ELGIS	345937S	1381639E
DULUB	205356S	1152312E	ELGOL	344635S	1504507E
DUMAV	135627S	1353545E	ELGON	295342S	1361212E
DUMIT	424215S	1474346E	ELGUM	121644S	1304425E
DUMOP	333905S	1510559E	ELGUN	432655S	1630000E
DUMPA	132653S	1343049E	ELKAB	321530S	1504640E
DUNAN	211540S	1363407E	ELKAK	315325S	1160328E
DUNDA	324254S	1215200E	ELKIK	280021S	1531618E
DUNES	340136S	1511030E	ELKOV	325051S	1515425E
DUNNE	375459S	1460715E	ELLOW	245710S	1343627E
DUNNI	272849S	1532322E	ELMEN	332738S	1505015E
DUPUG	260143S	1482753E	ELMEP	324214S	1375715E
DUTAK	293012S	1173256E	ELMOL	272431S	1414829E
DUUKE	325858S	1504753E	ELMOR	400000S	1465137E
EAZEE	163323S	1454106E	ELMUM	284557S	1391607E
EBARR	310000S	1100000E	ELNAX	263112S	1531158E
EBONY	361057S	1470414E	ELNIV	383622S	1473200E
ECATT	194124S	1405533E	ELNOT	160110S	1431722E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
ELONG	320406S	1485636E	ENTOV	361052S	1495026E
ELPIB	332051S	1594932E	ENTOX	274026S	1530150E
ELREL	412230S	1471831E	ENTRA	333459S	1514149E
ELRIM	333233S	1375252E	ENTRE	313203S	1305657E
ELROX	351537S	1375402E	ENVET	340756S	1502804E
ELRUG	255523S	1472103E	ENVIR	323408S	1515302E
EMPUM	275159S	1523529E	ENVOL	335507S	1491311E
EMPUP	344813S	1384625E	ENVOS	284555S	1165817E
EMRAM	233123S	1503413E	EPDAM	121801S	1304811E
EMRIG	373900S	1451141E	EPGAG	164706S	1453051E
EMROT	324520S	1494846E	EPGET	333409S	1501043E
EMSEK	373839S	1445728E	EPGIB	205208S	1152409E
EMSIT	270630S	1531129E	EPGIV	323923S	1512924E
EMSOD	273332S	1514738E	EPGUP	103902S	0993306E
EMSUP	220032S	1495704E	EPKEK	315152S	1483914E
EMSUR	323351S	1502815E	ERINA	305646S	1344500E
EMTID	292346S	1502620E	ERITH	341155S	1382638E
EMTUS	293452S	1465705E	ERVEV	323302S	1520212E
EMVAS	112812S	1002942E	ESDAM	192146S	1464255E
EMVEP	205617S	1151835E	ESDAN	374336S	1445441E
EMVOM	331728S	1494823E	ESDEG	291232S	1160125E
EMVUG	332218S	1514555E	ESDIG	374432S	1434524E
ENAID	272256S	1533732E	ESDIT	204453S	1152950E
ENBAB	120718S	1302613E	ESDOD	322611S	1514502E
ENBET	272752S	1525354E	ESGID	335526S	1504951E
ENBUD	372332S	1463528E	ESKAN	273958S	1530536E
ENDET	182405S	1453958E	ESKUT	224853S	1490708E
ENDEV	341048S	1511454E	ESLAR	223551S	1482104E
ENDOR	351712S	1492049E	ESLES	255831S	1472326E
ENDOV	240406S	1175622E	ESLOK	375246S	1445238E
ENDUM	373929S	1450925E	ESLOM	290212S	1483950E
ENGUD	295934S	1181234E	ESLUB	271648S	1533006E
ENKAS	335800S	1560700E	ESMIN	325926S	1193410E
ENKIG	144115S	1322424E	ESMIS	295915S	1532658E
ENKIL	375634S	1470529E	ESMUM	185944S	1164023E
ENKOG	273413S	1530058E	ESNAB	380607S	1442725E
ENLAD	342258S	1501208E	ESNAV	270813S	1524638E
ENLIP	275701S	1523451E	ESNIT	271321S	1534103E
ENLUB	345808S	1381810E	EURAD	273734S	1143532E
ENNGG	344906S	1384954E	EVFRS	165458S	1454655E
ENPAG	313308S	1471141E	EVIEC	302120S	1411922E
ENPIM	375252S	1473407E	EVOKE	284301S	1425658E
ENPIT	232159S	1262918E	EVONN	341143S	1520152E
ENPUD	110954S	1322902E	EXETA	343826S	1501631E
ENPUK	271743S	1525604E	EXOTU	311317S	1494243E
ENPUM	314927S	1153955E	EXOVA	340346S	1512810E
ENRES	162646S	1360441E	EXROM	392421S	1460523E
ENRIM	281355S	1534640E	EXUBU	280336S	1533907E
ENRIP	314206S	1160640E	EXUVI	284851S	1533805E
ENROK	334757S	1505308E	EXXON	254636S	1433906E
ENSAB	214130S	1451930E	EYELA	271535S	1502006E
ENSEG	372634S	1450022E	EYSAW	192302S	1451044E
ENSID	240218S	1154230E	EZDON	250000S	1202954E
ENSOM	192225S	1462559E	FAFKA	195706S	1234048E
ENSUR	320038S	1153652E	FALEE	344549S	1381109E
ENTAL	282842S	1190633E	FARMA	174855S	1433512E
ENTIK	273916S	1525824E	FASIE	171952S	1431052E
ENTOL	172726S	1405000E	FAUKS	282435S	1535136E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
FECTI	182803S	1165413E	GOMAN	353836S	1485449E
FENDA	321826S	1154553E	GOMAP	224229S	1292028E
FIKUL	282342S	1533912E	GOMOL	281008S	1533015E
FISHA	335436S	1512236E	GOMOM	420910S	1451741E
FLATS	185806S	1404948E	GOMUB	335530S	1504117E
FLATY	252450S	1545311E	GOMUL	273317S	1352630E
FLEMO	350447S	1534401E	GONEB	373145S	1471840E
FLIKI	400000S	1462336E	GOOLA	374849S	1450034E
FOGGI	163923S	1455334E	GOOMA	330939S	1550258E
FONLO	432852S	1574628E	GOONY	350353S	1491225E
FOXLO	353309S	1491847E	GOOTA	220138S	1181919E
FRAZA	332605S	1355227E	GOPLO	304604S	1142257E
FREDO	330250S	1515046E	GOPMI	132125S	1423201E
FYSTI	272234S	1531545E	GOPVO	292449S	1492646E
GAANY	302620S	1371756E	GORGN	204335S	1163841E
GAFER	221751S	1363807E	GORMA	315149S	1154152E
GALAH	350454S	1420642E	GORPU	340132S	1500802E
GALON	303805S	1543200E	GORRI	272710S	1525554E
GARTH	265954S	1524530E	GORSO	274322S	1525443E
GASSO	200000S	1512024E	GORTA	342128S	1545942E
GATER	282655S	1554104E	GOSKO	374512S	1444345E
GATOR	122743S	1314525E	GOSNL	320421S	1160510E
GAVAS	322000S	1465936E	GOSVU	203142S	1490520E
GAYLA	265539S	1525212E	GOTLU	414820S	1462509E
GEDEN	374312S	1450054E	GOTSI	192539S	1464105E
GEKKO	211209S	1315024E	GRACY	372050S	1413443E
GEMAC	381326S	1501930E	GRAEM	271856S	1531005E
GEORG	350340S	1493012E	GREAV	281900S	1533811E
GEPEC	274612S	1523229E	GREGA	170020S	1324528E
GERBL	273430S	1522538E	GRIGS	345435S	1384320E
GEROS	350105S	1545955E	GROOK	341204S	1511359E
GETON	350358S	1384438E	GUBVO	175348S	1253636E
GIBIL	353351S	1491243E	GUDSO	261645S	1530614E
GILES	350018S	1374752E	GUDUG	070436S	0750000E
GILUM	113636S	1390048E	GUGAB	294107S	1394959E
GIPPS	374236S	1480506E	GUGAN	192934S	1465104E
GITOP	352541S	1373342E	GUGED	281701S	1533155E
GITSM	204127S	1165429E	GUGIX	353537S	1442724E
GIVEB	311357S	1192121E	GUGMA	353448S	1390104E
GIVID	391412S	1502737E	GUGON	323012S	0750000E
GIVOT	424151S	1473506E	GUGRA	212336S	1162542E
GIXOX	232412S	1501732E	GUGTI	345355S	1383615E
GLENN	273430S	1530112E	GUGUK	145629S	1385236E
GLOBE	344748S	1383355E	GUKEL	163913S	1223438E
GOANA	322630S	1540923E	GUKON	225621S	1213054E
GOBAR	224505S	1475954E	GUKVI	161454S	1341536E
GODIM	283530S	1481300E	GULEB	422933S	1472323E
GODIP	120012S	1440742E	GULFF	142200S	1400000E
GODUK	333626S	1503516E	GULFS	345111S	1380808E
GODUX	313725S	1150818E	GULNU	391901S	1443535E
GOGEV	174617S	1213338E	GULOP	154912S	1415522E
GOGEX	272727S	1530513E	GULUM	231313S	1282749E
GOKIB	302907S	1365236E	GUMAP	305202S	1475354E
GOKIX	151634S	1232608E	GUMBA	274408S	1514820E
GOKUN	230900S	1502754E	GUMKI	271113S	1535133E
GOKUP	232027S	1183305E	GUMUR	123103S	1305531E
GOLOM	324434S	1520721E	GUMUT	192037S	1470823E
GOLUX	175813S	1175217E	GUNAM	144202S	1251213E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
GUNGN	315813S	1160759E	HOLIT	342757S	1382123E
GUNOK	313317S	1160728E	HONEY	353555S	1490345E
GUNRO	163550S	1453721E	HONGI	212957S	1312124E
GUNTA	331212S	1512819E	HOODY	342454S	1193436E
GUPDA	152655S	1451114E	HOOLI	215652S	1180744E
GUPKO	335059S	1502445E	HOORN	205052S	1163250E
GUPOD	121857S	1305102E	HORSH	374336S	1445055E
GUPOM	211009S	1162250E	HOTTA	222936S	1425812E
GUPOX	164454S	0800000E	HOVEA	315242S	1160454E
GUPUG	373849S	1443530E	HOWLY	344600S	1473636E
GURAB	333856S	1152527E	HUMOK	311912S	1472800E
GURSI	340032S	1505309E	HUUGO	280523S	1525529E
GURUD	742742S	1630000E	IBABI	333751S	1410051E
GUSDO	340019S	1502743E	IBADI	324444S	1515727E
GUSNI	281223S	1503317E	IBARU	373320S	1452727E
GUSNU	125411S	1293758E	IBIMO	340521S	1420135E
GUSPU	341415S	1510251E	IBIMU	273450S	1533536E
GUTBI	295150S	1523003E	IBOBO	381715S	1422713E
GUTEV	080424S	1311936E	IBODA	320136S	1451905E
GUTIV	335439S	1530614E	IBOMU	122353S	1321606E
GUTLI	240637S	1164750E	IBORI	221644S	1471218E
GUTMO	350924S	1491236E	IBUNA	270328S	1522832E
GUTOR	274211S	1525950E	IBUNO	190000S	1464900E
GUTSA	211909S	1491624E	IBUPA	244838S	1180633E
GUTTA	271044S	1530743E	IBUSU	160438S	1361818E
GUVBO	330401S	1472653E	IBUXI	184121S	1463041E
GUVIX	264403S	1532146E	IDAGO	332905S	1534515E
GUVNA	230200S	1184125E	IDANU	264058S	1354346E
GUVUS	243836S	1472724E	IDBAB	300540S	1521758E
GUXIB	233809S	1593048E	IDBIM	340029S	1511444E
GUXOT	312008S	1521733E	IDBUG	294022S	1483941E
HAAKE	345445S	1382013E	IDEKI	335814S	1504709E
HAAVI	251927S	1525259E	IDELU	113545S	1362148E
HAIGH	314800S	1160021E	IDETU	161153S	1442011E
HALAS	335053S	1511544E	IDEVI	061300S	0831854E
HAPPI	345749S	1480135E	IDGIB	304509S	1212036E
HARBY	314351S	1152028E	IDGIG	311918S	1481835E
HARIZ	335445S	1535038E	IDIDI	321147S	1493229E
HARMN	321012S	1155354E	IDKEG	292647S	1420329E
HARVS	254300S	1560401E	IDKOS	271548S	1533635E
HAYCO	320824S	1154206E	IDLEG	260848S	1505451E
HAZOS	302347S	1374043E	IDLUD	121539S	1304105E
HEALE	130848S	1400000E	IDMIG	142254S	1321655E
HECTO	330018S	1203054E	IDMIK	212100S	1163258E
HELLI	131435S	1294937E	IDNER	285228S	1530253E
HENDO	171315S	1455416E	IDNOB	310148S	1484808E
HERNE	314949S	1160342E	IDNUT	313135S	1432229E
HEWIT	423001S	1505529E	IDODA	292646S	1450215E
HIDOT	321249S	1162720E	IDODO	650000S	1542718E
HIINE	284956S	1342224E	IDOGI	305035S	1502740E
HILAR	313843S	1482910E	IDOKU	181533S	1110651E
HIMOD	344821S	1384100E	IDOTO	113106S	1263848E
HINDS	304742S	1163216E	IDPAT	274335S	1531720E
HIPPO	352755S	1492307E	IDPEP	324128S	1513321E
HIRST	345438S	1385652E	IDPIL	143823S	1322947E
HOBBO	120000S	1530933E	IDRAS	271601S	1534730E
HODDA	131604S	1315756E	IDRET	262935S	1385128E
HOKOR	133718S	1380000E	IDRIL	274152S	1533425E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
IDRIM	234935S	1162244E	IKEBU	325227S	1514702E
IDROP	345020S	1492851E	IKEKO	283300S	1515748E
IDRUG	425217S	1474503E	IKELI	273221S	1524009E
IDSAX	324448S	1515705E	IKEMI	332122S	1313000E
IDSEB	320706S	1513740E	IKETU	423443S	1470936E
IDSOM	325938S	1513535E	IKEVA	291257S	1164112E
IDSOR	424632S	1472548E	IKEXO	103640S	1044906E
IDSUP	325611S	1500103E	IKIDA	334831S	1505433E
IDUSO	290111S	1371842E	IKIMO	325138S	1514202E
IDVIL	353554S	1444712E	IKISA	262921S	1531701E
IFFEY	315734S	1542131E	IKIVU	345318S	1381111E
IGALA	335046S	1510900E	IKOBI	423143S	1470952E
IGARU	272514S	1531642E	IKODA	163724S	1572654E
IGASO	263818S	1164404E	IKOLA	192412S	1414100E
IGBAK	324847S	1512628E	IKOMI	134800S	1433700E
IGBER	204504S	1152638E	IKORO	335716S	1505213E
IGBIK	191451S	1463549E	IKUMA	102548S	1270806E
IGBIR	125255S	1311753E	IKUNA	374706S	1442700E
IGBON	270622S	1530707E	IMATI	272920S	1522334E
IGBOV	122838S	1304353E	INDEE	280443S	1533058E
IGBUS	271412S	1532940E	INGMA	360603S	1600146E
IGDAM	322955S	1505445E	INOKE	320200S	1511929E
IGDEB	233326S	1332257E	INTOG	353900S	1390423E
IGDEL	351538S	1484003E	INVIX	313959S	1170511E
IGDIT	292522S	1483501E	INVUS	335432S	1534428E
IGIKI	180319S	1461352E	IPDIG	315903S	1155231E
IGIPA	334438S	1414900E	IPGAV	271952S	1534116E
IGLAP	282527S	1535930E	IPGER	332000S	1194122E
IGLUM	325417S	1513341E	IPGOK	310445S	1480736E
IGLUT	215629S	1153431E	IPGUX	322629S	1514328E
IGMAS	271434S	1524710E	IPLAV	174504S	1393154E
IGMET	351109S	1484822E	IPLET	422053S	1474649E
IGMIM	284634S	1533220E	IPLOP	364455S	1490021E
IGMOB	322533S	1513629E	IPMAD	254936S	1453006E
IGMOL	163056S	1453757E	IPMED	323907S	1513804E
IGMUP	325543S	1515133E	IPMOR	315215S	1153142E
IGNES	374634S	1443042E	IPNET	225043S	1500545E
IGNIX	241847S	1444537E	IPNOS	283955S	1533456E
IGNOM	312956S	1154106E	IPRAM	295339S	1452904E
IGNUL	125800S	1435800E	IPRIS	214424S	1135212E
IGNUV	323751S	1515531E	IRMEL	274725S	1533020E
IGOKO	285636S	1184202E	IRMOX	264610S	1503701E
IGOLO	263105S	1530107E	IRNOD	313840S	1151256E
IGOMU	280100S	1532534E	IRPES	323600S	1512759E
IGOPO	115640S	1340706E	IRPIM	272951S	1525549E
IGORU	205919S	1152020E	IRPIR	320848S	1510131E
IGPIV	273725S	1531558E	IRPOD	280117S	1532454E
IGPON	374014S	1451302E	IRPOM	140936S	1283612E
IGRIN	340100S	1551100E	IRSAG	334308S	1510242E
IGROB	314911S	1190523E	IRSIL	310716S	1483857E
IGUBO	113546S	1032033E	IRSOM	411012S	1462603E
IGUPI	262849S	1515542E	IRSOP	261058S	1530846E
IGURI	360517S	1465057E	IRTAV	181056S	1234725E
IGUVI	132702S	1331432E	IRTED	272800S	1534415E
IKABI	193423S	1393444E	IRVAK	373049S	1434726E
IKANO	375744S	1442849E	IRVIT	315206S	1470548E
IKASA	200000S	1032910E	IRVUL	270714S	1531428E
IKASO	132607S	1281140E	ISAAK	222254S	1484030E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
ISBEX	342218S	1505936E	JAAPI	281832S	1533553E
ISBOV	340455S	1512058E	JACKA	384612S	1451548E
ISBUL	334218S	1501124E	JACKI	120845S	1293426E
ISDAG	295321S	1524125E	JADEL	373348S	1445706E
ISDIT	334223S	1505026E	JAFFA	312230S	1514136E
ISDOR	260754S	1173223E	JAKLN	340849S	1512224E
ISDUS	323919S	1514341E	JAMBO	325136S	1240000E
ISGEL	312242S	1452007E	JAMMO	371639S	1504716E
ISGOX	223821S	1170214E	JANDO	320530S	1155515E
ISKAN	165234S	1175815E	JANGU	384554S	1484130E
ISKIM	293057S	1513947E	JARJA	325640S	1513024E
ISKOT	344050S	1381650E	JATAR	162639S	1252821E
ISLAV	325138S	1322048E	JAVVI	020000S	0850000E
ISLIP	221739S	1192612E	JAYBI	373828S	1443203E
ISMER	334525S	1504950E	JAYDE	290428S	1531455E
ISMIR	413910S	1471812E	JEDDA	270926S	1515710E
ISMOR	283011S	1311149E	JELLI	335338S	1512243E
ISMUD	093746S	1262700E	JEMMA	194911S	1471130E
ISMUM	332940S	1514332E	JENTL	334840S	1510918E
ISMUN	181740S	1433257E	JEZZA	272206S	1530628E
ISNER	174105S	1454810E	JILGO	250000S	1191056E
ISNET	344404S	1534829E	JIRRA	234315S	1340836E
ISNOL	342312S	1485832E	JITRA	230806S	1501901E
ISNUG	324119S	1461446E	JNORT	181019S	1222414E
ISPAB	224900S	1492337E	JOKER	312500S	1515148E
ISPAM	374806S	1443026E	JOLLY	230000S	1100000E
ISPEG	374312S	1443612E	JORDY	322333S	1544112E
ISPET	320100S	1154448E	JOSBU	330813S	1164024E
ISPID	141051S	1511040E	JOSHU	134543S	1305622E
ISPON	271144S	1532453E	JOSSO	381554S	1470630E
ISRAK	210445S	1163210E	JUGGL	205503S	1253928E
ISRAL	450000S	1475524E	JULES	150931S	1304633E
ISRAN	114300S	1063306E	JULIA	341457S	1511931E
ISRED	335306S	1313000E	JULIE	114746S	1294213E
ISREV	322822S	1504857E	JULIM	312459S	1161738E
ISROV	331854S	1385650E	JULUP	133313S	1301026E
ISRUP	314139S	1161317E	JUSAN	124820S	0993757E
ISTEM	243551S	1602300E	JUSTY	375602S	1443422E
ISTIG	425016S	1473923E	KABEK	332319S	1392440E
ISTUR	281226S	1460909E	KABIX	301723S	1473217E
ISVAN	271318S	1525602E	KABLI	321050S	1165400E
ISVUP	324629S	1513209E	KABLO	340417S	1503604E
ITBAP	205927S	1132554E	KABRO	251908S	1192522E
ITIDE	264407S	1532924E	KABTA	055430S	0790000E
ITORT	191807S	1460736E	KACEY	352637S	1465332E
ITSMA	174925S	1321606E	KADAP	020000S	0840936E
ITTSA	123633S	1311159E	KADBA	261242S	1325208E
IVPEM	323136S	1280000E	KADEM	174854S	0750000E
IVPEN	232346S	1254150E	KADLU	245321S	1145150E
IVPIL	335018S	1193627E	KADMU	190551S	1433939E
IVPOL	305418S	1524455E	KADOM	334239S	1501759E
IVRAD	264931S	1450509E	KADON	425557S	1473845E
IVRAX	360857S	1465947E	KADPA	333608S	1485717E
IVSES	324150S	1515436E	KADRU	381407S	1475207E
IVSUD	203227S	1490434E	KADSI	310330S	1524724E
IVTAG	330217S	1514528E	KADUN	222100S	1215106E
IVTET	310926S	1500357E	KAFRI	332947S	1510537E
IVTON	323219S	1510155E	KAGBU	190555S	1230634E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
KAGDI	230352S	1151620E	KEBAB	331621S	1542934E
KAGES	185739S	1470454E	KEDDY	343434S	1492734E
KAGIT	333332S	1151831E	KEEFO	345801S	1381650E
KAGMI	314457S	1145428E	KEELA	374430S	1444718E
KAGRI	412754S	1575001E	KEEWI	164548S	1455600E
KAGRO	332745S	1373405E	KEGAN	280110S	1533517E
KAKAG	164825S	1455017E	KELAN	375703S	1472424E
KAKAL	141806S	1340424E	KELLA	313255S	1173922E
KAKDO	290558S	1222711E	KELLY	354149S	1485115E
KAKEB	271646S	1532405E	KELPI	223410S	1513512E
KAKLU	344636S	1392444E	KELTA	345943S	1381949E
KAKMA	290113S	1675403E	KELVN	130924S	1363742E
KAKNU	340204S	1503431E	KEPPA	364748S	1435833E
KAKOR	550000S	1502106E	KERIN	161236S	1411742E
KAKRO	192342S	1463406E	KERRI	280911S	1533718E
KAKTU	184514S	1384211E	KETEN	250417S	1520128E
KAKVI	281729S	1535344E	KEVEK	374956S	1444416E
KAKVU	333747S	1171446E	KEVIE	271809S	1524618E
KALBA	185702S	1460144E	KEVIG	370547S	1450302E
KALBI	085218S	0750000E	KEVIN	340812S	1512217E
KALBO	314840S	1151620E	KEXAR	322817S	1512444E
KALKA	353150S	1490905E	KEXIM	222449S	1295021E
KALSA	232639S	1190843E	KEXIP	335619S	1502004E
KALTO	270358S	1533520E	KIBAT	285805S	1551854E
KALUG	255400S	1364330E	KIBET	123929S	1325336E
KALUV	232500S	1163500E	KIBOP	175811S	1450650E
KALVI	195023S	1451751E	KIDEX	275936S	1434854E
KAMBA	332941S	1512557E	KIGAG	381605S	1471707E
KAMBI	340806S	1352023E	KIGOS	124131S	1304358E
KAMSO	123545S	1305927E	KIKAN	212152S	1340324E
KAMUN	033018S	0805330E	KIKEL	334604S	1504256E
KANBU	231048S	1492900E	KIKEM	095254S	1260724E
KANGI	235831S	1453103E	KIKEX	372930S	1445648E
KANKO	262823S	1490433E	KIKOV	350444S	1385551E
KANLI	421921S	1472356E	KILEL	230930S	1164624E
KANLU	244248S	1502312E	KILIK	111013S	1264812E
KANRA	204757S	1152543E	KIMMI	143850S	1443009E
KANRO	425345S	1473712E	KINAB	313516S	1194302E
KAPGA	225808S	1184849E	KIPPA	200441S	1431342E
KAPNI	185645S	1221958E	KITTY	122945S	1305133E
KAPSA	300456S	1524955E	KLAVA	341145S	1383026E
KAPSO	120000S	1464300E	KNOBL	345547S	1383333E
KAPSU	282414S	1240936E	KNOPL	283510S	1235717E
KARDI	324634S	1511444E	KOIKI	320754S	1161337E
KARGO	320409S	1160604E	KOOKA	154250S	1432534E
KASBA	273421S	1531047E	KOOLI	122411S	1310639E
KASBU	350929S	1384117E	KOORI	315134S	1160703E
KASGU	263834S	1530732E	KOUPA	272002S	1531421E
KASLI	341237S	1415844E	KRATT	245012S	1502000E
KASNA	164349S	1454056E	KROWS	364954S	1371542E
KASNO	281911S	1533722E	KURRT	385418S	1502456E
KASPA	254847S	1523210E	KVALM	192026S	1464316E
KASPI	163606S	1454630E	KYEMA	320842S	1163730E
KASRU	175705S	1221413E	LABOR	282814S	1422836E
KATCM	310918S	1172709E	LACEY	373305S	1453013E
KATIA	352948S	1491141E	LADEP	304952S	1213515E
KAYOK	274431S	1162601E	LADUR	314400S	1601430E
KEATS	353236S	1485247E	LAFAM	341040S	1532137E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
LAGEV	273829S	1531906E	LAYUP	303941S	1474441E
LAGOB	274541S	1532004E	LEAKY	271603S	1532022E
LAGUG	372912S	1445814E	LEBAD	171253S	1454120E
LAKAV	284327S	1175749E	LEBIT	264813S	1515627E
LAKEP	373342S	1444912E	LEBOP	332636S	1504201E
LAKIR	313319S	1165242E	LEBOT	190431S	1465557E
LAKMO	294915S	1173818E	LEDAB	284615S	1180711E
LAKOT	213024S	1453422E	LEDET	371901S	1470751E
LAKUP	130610S	1312240E	LEDIX	314625S	1493634E
LALIB	320205S	1504952E	LEDOG	190832S	1463903E
LALIS	233245S	1503829E	LEDON	275010S	1532644E
LAMAP	140000S	1591000E	LEDUS	205650S	1490156E
LAMEK	180917S	1500235E	LEEAM	235234S	1541502E
LAMIG	352109S	1491540E	LEECE	350315S	1495737E
LAMOB	120000S	1085300E	LEEFL	254543S	1530909E
LAMSI	282628S	1541138E	LEGAN	363125S	1630000E
LAMUG	263802S	1522256E	LEGOM	353612S	1451209E
LANIK	291815S	1234638E	LEGUL	123440S	1305229E
LANOL	333633S	1511159E	LEKAD	215521S	1303934E
LANOP	271853S	1265356E	LEKEM	375419S	1471249E
LANOS	371702S	1472227E	LEKID	334000S	1503500E
LANUN	380036S	1430648E	LEKUN	374658S	1451647E
LANYO	353017S	1490112E	LELED	111636S	0750000E
LAPAM	313439S	1160009E	LELOV	450000S	1455630E
LAPAR	122808S	1310235E	LEMAM	140209S	1235630E
LAPES	193704S	1465722E	LEMAT	350629S	1382817E
LAPIP	270003S	1555446E	LEMER	230434S	1493732E
LAPOG	204625S	1163733E	LEMIR	300332S	1210139E
LARAB	120404S	1291133E	LEMUD	184141S	1373416E
LAREG	283133S	1514922E	LEMUK	424107S	1474410E
LAREX	380901S	1473436E	LEMUX	121225S	1304716E
LAROO	311642S	1395242E	LENBA	181651S	1453836E
LAROS	292851S	1543942E	LENNY	320024S	1154748E
LARUM	320355S	1154903E	LENRI	281515S	1591019E
LASEL	193442S	1461347E	LENVU	320601S	1174251E
LASOL	372445S	1444722E	LEPTA	270412S	1451542E
LASUD	320343S	1485234E	LERGU	193420S	1383446E
LATAB	313531S	1502956E	LERKI	222848S	1493500E
LATAP	330631S	1374657E	LERKO	375842S	1462538E
LATEP	061018S	0750000E	LESKO	265252S	1533544E
LATOG	231447S	1370256E	LESON	350312S	1313000E
LATOX	132656S	1092316E	LEVKA	310907S	1153038E
LATTA	380736S	1450418E	LEVPU	261726S	1514901E
LATUL	345021S	1381505E	LEVRI	132610S	1300047E
LATUM	421128S	1472202E	LEYOX	341518S	1440518E
LATUT	322849S	1520005E	LIBMU	323623S	1515820E
LAVEB	340651S	1503804E	LIBNI	322136S	1381106E
LAVEG	264441S	1524541E	LIBTU	200501S	1261252E
LAVEX	315327S	1165610E	LIDBU	244525S	1443301E
LAVIN	270754S	1531501E	LIDGI	320230S	1152858E
LAVOP	430102S	1473659E	LIDIT	091800S	1422000E
LAVUP	165611S	1455905E	LIDLI	334614S	1493558E
LAWNN	271724S	1525824E	LIDPO	275208S	1525243E
LAWRY	270040S	1502150E	LIDVU	380815S	1472805E
LAXED	340509S	1502610E	LIGNU	345836S	1494047E
LAXOG	225734S	1501059E	LIKTO	265154S	1502338E
LAXOT	413900S	1464418E	LILEE	273656S	1530642E
LAXUM	321945S	1514129E	LILMI	374229S	1443654E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
LILPU	373912S	1444143E	LYNSO	244855S	1150000E
LIMLI	314941S	1370430E	LYSMO	331008S	1454527E
LIMLO	331250S	1515146E	MABAM	123038S	1310708E
LINBO	191506S	1472718E	MABRA	500000S	1490036E
LINSU	203529S	1474706E	MACLA	301021S	1430725E
LIPDI	320637S	1495819E	MADAK	284207S	1534349E
LIPLU	312527S	1380714E	MADLU	222400S	1412536E
LIRRI	271939S	1200100E	MADUG	333842S	1503120E
LISZT	233958S	1333835E	MAGGS	405203S	1463403E
LITEL	183430S	1380030E	MAGPI	250852S	1515316E
LLAMA	311736S	1475006E	MAGRA	222535S	1492228E
LOAFA	250205S	1520639E	MAIDS	280831S	1533337E
LOCKA	160125S	1453629E	MAITE	373850S	1451543E
LOFFA	274900S	1501118E	MAJAR	334938S	1511723E
LOGOL	211025S	1164405E	MAJOR	351314S	1485559E
LOKYA	325341S	1503404E	MAKAT	375234S	1442941E
LOLLS	361404S	1410000E	MAKIV	353307S	1445706E
LONLY	351112S	1350000E	MAKKA	342551S	1492005E
LOSKU	302933S	1522133E	MAKNI	101852S	1253331E
LOSPI	310818S	1480606E	MAKON	120110S	1353415E
LOTGI	343900S	1280000E	MAKOR	330644S	1510821E
LOTMA	280757S	1534459E	MAKRL	382952S	1482528E
LOTVA	170430S	1460524E	MAKRU	273144S	1532950E
LOTVI	194859S	1212053E	MALAN	175646S	1221301E
LOVMA	044910S	0755323E	MALBI	142959S	1082704E
LOWDI	333124S	1493648E	MALIK	344730S	1383614E
LOWEP	330408S	1511347E	MALNU	314653S	1250000E
LUCRE	341318S	1250000E	MALUP	322150S	1173922E
LUDPU	123046S	1311027E	MAMAG	200729S	1484556E
LUDVO	315052S	1155105E	MAMEG	292528S	1245954E
LUGDO	272942S	1514308E	MAMUB	231639S	1183454E
LUGSA	220801S	1301830E	MAMUT	162546S	1262553E
LUKEY	273501S	1513937E	MANDA	351735S	1483506E
LUKLU	285756S	1530100E	MANFA	340234S	1512046E
LUKPU	224623S	1473730E	MANIG	305116S	1170956E
LULDI	175409S	1221237E	MANSA	240918S	1432812E
LULMI	140000S	1420900E	MAPTU	152004S	1162153E
LULTO	362557S	1425205E	MARGO	342450S	1380219E
LUMDA	205442S	1152551E	MARIT	260050S	1282735E
LUMVA	205840S	1490851E	MARKY	332525S	1504810E
LUNGU	134409S	1254612E	MARLN	340205S	1520402E
LURGU	373258S	1444104E	MARSH	374218S	1441436E
LURPA	335350S	1505627E	MARTO	331913S	1514430E
LUSLO	304404S	1211707E	MARUB	335554S	1512854E
LUSTU	372309S	1451418E	MASER	194433S	1324618E
LUTKO	270118S	1525929E	MASIM	181233S	1221546E
LUTSI	272617S	1530431E	MASMI	294020S	1514142E
LUTUK	384014S	1465955E	MASRA	121337S	1321513E
LUTVU	362517S	1461816E	MATAR	220619S	1461850E
LUVAS	371821S	1455451E	MATBO	273437S	1525638E
LUVAV	243631S	1322950E	MATJI	320331S	1161432E
LUVKA	373040S	1445738E	MATKU	374001S	1445538E
LUVLY	280845S	1532939E	MATLA	324518S	1513155E
LUVNA	271044S	1530853E	MATMA	241954S	1351236E
LUVOK	343053S	1364653E	MATTI	264527S	1530841E
LUXAV	263857S	1531804E	MATVI	271501S	1511208E
LUXUP	332554S	1491220E	MAVGA	272446S	1532603E
LYNDN	233000S	1151058E	MAVTO	360450S	1401503E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
MAXAL	372654S	1452502E	MIDDY	265521S	1150000E
MAXEM	343806S	1423321E	MIDIM	275230S	1211611E
MAXXI	123027S	1261327E	MIDLA	315154S	1155913E
MAYSO	274129S	1525737E	MIGAX	160144S	1342645E
MCLOY	205532S	1164009E	MIGEP	311204S	1140753E
MEBAH	301324S	1353300E	MIGIP	123131S	1304721E
MEBKA	164000S	1091200E	MIKEG	383545S	1573205E
MECKO	335448S	1504838E	MIKER	175628S	1221154E
MEECE	333736S	1393806E	MIKIS	414624S	1462742E
MEEGA	334358S	1493310E	MIKOM	334942S	1503516E
MEETA	280710S	1533232E	MILAK	145350S	1413639E
MEGOL	213212S	1414824E	MILAL	230529S	1194425E
MEGUB	273514S	1532015E	MILEM	132938S	1280204E
MEKAD	132350S	1524202E	MILIV	163306S	1335405E
MEKOD	323036S	1505800E	MILTY	242636S	1510224E
MEKOG	123200S	1400000E	MILUS	185218S	1163005E
MEKON	350703S	1485648E	MIMIB	274515S	1461219E
MEKUG	274839S	1532548E	MIMIM	403720S	1474340E
MELAN	180951S	1223735E	MIMUD	282130S	1540142E
MELIT	344236S	1503239E	MINUR	303716S	1364301E
MEMEG	374834S	1443843E	MIPAM	261800S	1441142E
MEMIG	142218S	1452020E	MIPAN	291122S	1541042E
MEMON	205458S	1181229E	MISCH	374550S	1444039E
MEMOS	145903S	1440032E	MISLY	304941S	1555331E
MEMOV	301151S	1405759E	MITSA	340155S	1504701E
MEMUP	334512S	1205230E	MITTS	243900S	1374019E
MENEN	263452S	1515029E	MOCUR	321307S	1160716E
MENIG	264434S	1391754E	MOLGA	340218S	1200054E
MENOB	121853S	1310224E	MOMAN	120947S	1305358E
MENOG	380805S	1443828E	MOMBI	352755S	1491140E
MENZI	353149S	1491140E	MOMGI	264536S	1530244E
MEPAB	212250S	1630000E	MOMSY	373242S	1503242E
MEPAS	195453S	1380701E	MONDO	325636S	1511411E
MEPEM	262554S	1554357E	MONIC	170045S	1320332E
MEPIL	332410S	1511241E	MOOLO	264932S	1532145E
MEPUX	200806S	1180311E	MOOVI	275449S	1531742E
MERIB	300400S	1124506E	MOPET	232255S	1185158E
MERME	211744S	1121520E	MOPRI	344956S	1384156E
MESAM	321148S	1160839E	MORBI	264708S	1524614E
MESED	271837S	1515128E	MORGO	421018S	1470440E
MESER	334405S	1372715E	MORID	260125S	1144909E
MESIM	315630S	1510948E	MORPH	350612S	1383250E
METAB	150128S	1112305E	MORTN	271739S	1531049E
METAN	092707S	1264047E	MOSDA	350732S	1493320E
METEP	273344S	1531755E	MOSDU	191917S	1463131E
METES	365539S	1442311E	MOSLA	340700S	1280000E
METUK	262022S	1530311E	MOSSI	262620S	1533758E
METUM	140813S	1150832E	MOSVO	374331S	1450643E
METUV	341340S	1481444E	MOTRA	412007S	1481654E
MEVAD	322225S	1162718E	MOTRU	135733S	1304639E
MEVUM	205101S	1152445E	MOTSA	314116S	1153738E
MEYJI	252035S	1455337E	MOVBA	233330S	1451753E
MIBAL	422530S	1472248E	MOZZA	380454S	1460554E
MIBEK	213021S	1490138E	MRDAK	150836S	1382042E
MIBUP	280430S	1413218E	MUBDI	340805S	1503223E
MICHM	375042S	1451130E	MUBID	321140S	1214757E
MICKS	281501S	1533848E	MUBNI	170410S	1462632E
MIDAT	402158S	1630000E	MUBNO	150000S	1150819E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
MUDAN	234735S	1505954E	NIPOM	220345S	1480431E
MUDDL	272216S	1532047E	NIPON	350722S	1221833E
MUDGI	323339S	1493537E	NIRIL	361702S	1464707E
MUDIV	305226S	1371323E	NISAD	184343S	1253358E
MUDMI	123415S	1311242E	NISAX	212044S	1160340E
MUDMO	235020S	1335750E	NISOP	283644S	1222521E
MUDOB	231311S	1502554E	NITIT	214239S	1490401E
MUDOX	233606S	1361725E	NITUN	192055S	1372359E
MUGLU	231807S	1501717E	NIVED	183309S	1380332E
MUGOB	314216S	1155041E	NIVOT	332221S	1503222E
MUGSI	312211S	1155122E	NIXEL	273940S	1530307E
MUGTI	242046S	1392737E	NIXEN	374835S	1441427E
MUKIN	285318S	1355611E	NIXIM	295426S	1502041E
MULDM	294708S	1202837E	NIXOD	334519S	1510010E
MULDR	345309S	1382514E	NIXUG	312934S	1503126E
MULNI	274351S	1525548E	NOBAR	334711S	1514424E
MULRA	180113S	1412822E	NOBEV	345110S	1382135E
MUMOS	314954S	1161926E	NOBIK	350711S	1383002E
MUNAR	212949S	1491702E	NOBIP	170000S	1501754E
MUNEL	142818S	1445512E	NODAB	132135S	1063821E
MUNNI	211234S	1165158E	NODAS	412436S	1465555E
MUPIK	272709S	1500000E	NODDY	283317S	1522700E
MUPOG	202544S	1485744E	NODEK	324700S	1455342E
MURCH	264539S	1185846E	NODEV	322014S	1183621E
MURJO	271703S	1530609E	NODOK	121112S	1550000E
MUSEY	171252S	1445740E	NODOL	325717S	1375722E
MUSOP	353106S	1475412E	NODOR	270850S	1520254E
MUTMI	040800S	0925842E	NODUG	271547S	1524210E
MYALL	190600S	1393036E	NODUR	355112S	1313000E
NABBA	364219S	1470231E	NOGAM	262656S	1530252E
NAIDO	272832S	1530032E	NOGAS	253237S	1182608E
NAILA	131255S	1280714E	NOGEB	334059S	1511934E
NALAR	311834S	1202719E	NOGIP	381852S	1412824E
NALDO	020000S	0810000E	NOGOR	351538S	1485017E
NAMBA	323110S	1512752E	NOGUD	274032S	1541244E
NAMIT	233958S	1335809E	NOKAV	230712S	1463654E
NAOMI	373921S	1443755E	NOKOG	310926S	1155623E
NASHO	341143S	1510626E	NOKUN	125106S	1321154E
NASTI	222507S	1254255E	NOLAM	192437S	1470945E
NASUX	122129S	1304246E	NOLAS	100615S	0872140E
NATYA	345808S	1431358E	NOLEK	141249S	1321919E
NEEKY	273747S	1150000E	NOLEM	335534S	1504545E
NEFER	372630S	1445636E	NOLES	250402S	1370621E
NEILO	122947S	1310728E	NOLOX	385453S	1465539E
NELSN	324335S	1521913E	NOLUN	360100S	1493036E
NESSY	333335S	1503513E	NOLUP	213811S	1494622E
NETTY	284350S	1553034E	NOMAV	291204S	1183136E
NEWMO	320128S	1433100E	NOMEL	204523S	1412328E
NICAY	345742S	1390753E	NOMEV	273225S	1530223E
NICLA	320305S	1520016E	NOMID	374447S	1445222E
NIFTI	395354S	1473906E	NOMIT	290500S	1540000E
NIKKI	280559S	1533420E	NOMON	291502S	1432522E
NIKKY	190259S	1465527E	NONAK	343642S	1385742E
NIKOM	154415S	1244323E	NONAX	233117S	1235209E
NILEV	374006S	1472355E	NONET	252025S	1410853E
NIMEK	331640S	1382912E	NONID	341429S	1535449E
NINEK	304053S	1165428E	NONIR	154032S	1481110E
NIPOL	343729S	1383749E	NONIX	370434S	1451450E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
NONOG	251728S	1122738E	OGOGA	272802S	1531528E
NONOK	163754S	1282656E	OGORA	352345S	1491813E
NONOX	340713S	1511206E	OGUGU	350453S	1382453E
NONUM	165501S	1452443E	OJJAY	322840S	1371814E
NONUP	352550S	1481756E	OKERU	350758S	1491904E
NOODL	324926S	1512117E	OKIBU	181014S	1172139E
NOONA	123342S	1310322E	OKIKA	372612S	1445500E
NOPAG	105157S	1355229E	OKISI	385404S	1430000E
NOPAS	274607S	1534052E	OKODU	195859S	1431125E
NOPED	263631S	1192012E	OKTON	345116S	1384001E
NOPET	424210S	1473040E	OKVAD	321113S	1490703E
NORMA	173946S	1453217E	OKVAR	212219S	1405242E
NUBKO	124759S	1293551E	OKVIS	271309S	1531201E
NUBMO	250000S	1205352E	OLBEV	272633S	1530256E
NUBNI	330653S	1544940E	OLDER	211112S	1471342E
NUBTA	272831S	1442713E	OLDET	275158S	1532240E
NUDVA	375037S	1445110E	OLDIB	240334S	1510023E
NUGRU	233611S	1484825E	OLGEK	314002S	1161105E
NUGSO	334952S	1503607E	OLGUM	280500S	1502000E
NUKSO	424227S	1472507E	OLKIG	345400S	1530800E
NULSO	334345S	1152241E	OLKUR	295351S	1500937E
NUMBU	235737S	1335339E	OLMAL	271656S	1532025E
NUMRI	221410S	1424549E	OLMAM	323124S	1154630E
NUMSA	392511S	1630000E	OLMAR	144725S	1254933E
NUMVO	351243S	1493538E	OLNAM	243008S	1331215E
NUNDI	274023S	1530445E	OLNOT	341253S	1534043E
NUNLA	254511S	1110053E	OLNUT	194044S	1465623E
NUNPA	400544S	1480053E	OLREB	235936S	1333233E
NUPKO	650000S	1171948E	OLREL	353903S	1630000E
NURPA	284947S	1181902E	OLRIP	302354S	1513821E
NUSBU	271514S	1523532E	OLRON	305715S	1501454E
NUSKU	342942S	1313000E	OLRUN	232447S	1190020E
NUSVA	285224S	1361236E	OLRUT	355951S	1471853E
NUTLI	354836S	1453624E	OLRUX	321548S	1252944E
NUTPA	271434S	1513644E	OLSAN	123739S	1305020E
NUTSU	315608S	1153937E	OLSEM	333852S	1513619E
NUTTA	150032S	1305816E	OLSEN	175414S	1221547E
NUVTA	423656S	1474036E	OLSIN	173342S	1460055E
NUVTO	264447S	1531535E	OLSOG	340258S	1511251E
OBDEB	424221S	1473540E	OLSUN	374436S	1444236E
OBDES	272248S	1532437E	OLTAK	254817S	1381146E
OBDIB	323324S	1514624E	OLTAN	355251S	1471203E
OBELO	233514S	1334319E	OLTAS	125549S	1302738E
OBGAL	375039S	1444708E	OLTEG	123533S	1310859E
OBGOS	320218S	1155611E	OLTIN	323308S	1511527E
OBKOB	304409S	1484653E	OLTOK	273456S	1532202E
OBKUP	324052S	1514030E	OLTUD	262601S	1525321E
OBKUR	323439S	1513219E	OLTUR	374045S	1450936E
OCKLY	324852S	1170916E	OLVAG	341534S	1510906E
OCTAV	234720S	1335214E	OLVEN	344718S	1385252E
OCTOB	110849S	1302938E	OLVEP	324055S	1515823E
ODALE	340521S	1503104E	OLVIX	350029S	1494224E
ODOTA	194401S	1464743E	OLVOR	295829S	1464842E
ODURA	271554S	1531429E	OLVUN	272018S	1532217E
ODUTO	275148S	1524622E	OMBAG	242132S	1161111E
OGATU	271801S	1531037E	OMBAS	272949S	1513210E
OGESO	334049S	1510259E	OMBAT	373306S	1450036E
OGIXO	335126S	1502653E	OMBEN	340033S	1501839E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
OMBIB	333015S	1510017E	OREBA	425253S	1473423E
OMBIS	370253S	1472004E	OREBI	272719S	1523757E
OMBOR	380101S	1472250E	ORESO	253027S	1181745E
OMBOS	303732S	1155441E	ORIDO	315449S	1153645E
OMBUP	312117S	1511915E	ORIGA	180918S	1504206E
OMDAL	345708S	1490742E	ORILI	204719S	1133409E
OMDIN	345152S	1385035E	ORINO	363947S	1444800E
OMDOG	331452S	1480458E	ORIXI	334003S	1505023E
OMDUN	262631S	1530652E	ORORO	192129S	1465438E
OMGIL	262300S	1313608E	OSADA	315736S	1151657E
OMGOS	301910S	1502622E	OSANO	222748S	1421705E
OMGUV	270721S	1532047E	OSATO	324256S	1513413E
OMKAX	291714S	1530652E	OSEGU	270916S	1532946E
OMKEK	302713S	1371000E	OSEMI	390448S	1465902E
OMKIL	313941S	1153737E	OSINA	234328S	1332908E
OMKIN	422452S	1630000E	OSOKO	271122S	1531303E
OMKON	370031S	1430311E	OSOTI	300010S	1512045E
OMKUL	424423S	1473623E	OSOTO	180715S	1163554E
OMLAT	281707S	1185411E	OSRAR	315034S	1494930E
OMLAV	342101S	1510758E	OSTAM	282247S	1522907E
OMLIR	323518S	1514154E	OSTIM	383712S	1602107E
OMUBI	233815S	1460406E	OSTOL	274208S	1160735E
OMUNI	123533S	1305127E	OSUMA	272648S	1175507E
OMUVU	333151S	1510913E	OSURI	280758S	1545135E
ONAGI	382816S	1453724E	OSVOL	201504S	1220256E
ONALA	151110S	1170145E	OTBOK	360833S	1350000E
ONALI	123041S	1305830E	OTBOL	294712S	1515558E
ONARA	181903S	1431547E	OTBUM	302259S	1534805E
ONEGI	262524S	1203436E	OTGAB	382515S	1350000E
ONGAR	291200S	1144755E	OTGAT	265803S	1524337E
ONGLO	352730S	1491706E	OTGAX	123727S	1310243E
ONIPA	272548S	1525822E	OTGOM	282001S	1164128E
ONOXA	120000S	1205242E	OTGUN	385402S	1471136E
ONSLO	213959S	1150643E	OTKED	373546S	1494306E
ONUMA	305828S	1482249E	OTKIT	204557S	1214132E
ONUTO	373842S	1445000E	OTKIV	280507S	1532829E
OPABA	085130S	1380400E	OTKUN	320015S	1153241E
OPALL	263443S	1182708E	OTLAM	285452S	1492406E
OPAVA	373246S	1443837E	OTLEB	263849S	1524004E
OPAXA	271525S	1452623E	OTLED	304952S	1154203E
OPEGA	312837S	1132244E	OVENS	245912S	1491518E
OPEKO	144243S	1323758E	OVILS	334206S	1510801E
OPESO	285626S	1532058E	OVLET	161346S	1450943E
OPEXA	351339S	1534205E	OVLUK	303539S	1164647E
OPIPO	265945S	1512804E	OVLUX	331023S	1513704E
OPITU	274846S	1525302E	OVMAT	345455S	1534609E
OPONA	303730S	1153402E	OVMIS	162417S	1310024E
OPORI	354523S	1423058E	OVMUD	290000S	1440352E
OPOSA	185214S	1152400E	OVNEB	273759S	1532404E
OPOSI	203508S	1485829E	OVNER	373519S	1444418E
OPTIC	342404S	1515320E	OVNOM	293913S	1500605E
OPUDA	130748S	1320354E	OVPAD	424440S	1472449E
OPUDI	343232S	1444958E	OVPEV	325132S	1515523E
OPUKO	312040S	1160454E	OVREX	295232S	1521539E
ORAGU	380101S	1442816E	OVRON	202104S	1485721E
ORATI	320438S	1151954E	OVRUL	264402S	1531747E
ORBUN	341145S	1384316E	OVSIV	315906S	1495355E
ORCHY	315941S	1154052E	OVSOT	282314S	1540050E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
PADBU	423154S	1462848E	PEDGO	285428S	1525106E
PADNA	350328S	1494430E	PEDLU	335340S	1513129E
PADRY	231952S	1153925E	PEDNI	371148S	1431618E
PADVA	500000S	1414354E	PEDPI	131636S	0750000E
PADVU	231323S	1503612E	PEDSA	135204S	1200446E
PAGMI	111435S	1283921E	PEGBA	335457S	1511655E
PAGRI	333950S	1151413E	PEGLI	375406S	1443617E
PAGSO	123244S	1310400E	PEGRI	280058S	1531513E
PAGTA	284000S	1152600E	PEGSU	341950S	1504708E
PAKLA	132418S	1023328E	PEGTU	350835S	1382616E
PAKTU	430310S	1473919E	PENAR	202116S	1411356E
PAKVU	305000S	1414436E	PEPPY	260636S	1413930E
PALTI	275109S	1164213E	PETAA	310543S	1153630E
PAMBU	270553S	1531106E	PETAB	305000S	1160000E
PAMDO	183717S	1265302E	PETAC	305000S	1153000E
PAMGA	122223S	1310532E	PETAD	303730S	1142903E
PAMGO	270813S	1525715E	PETAG	325618S	1153141E
PAMMY	344402S	1381945E	PETRL	171216S	1352134E
PAMRI	280633S	1524237E	PEWEE	175557S	1463005E
PANBA	215824S	1151517E	PEXIV	380356S	1442747E
PANBI	232915S	1191954E	PEXOR	242722S	1171846E
PANDU	113806S	0782636E	PEXUM	294000S	1575600E
PANPU	272924S	1501959E	PIBED	052012S	0904400E
PANRO	194630S	1360006E	PIBIX	334259S	1504936E
PANVA	315742S	1160912E	PIBOT	205123S	1152422E
PANVI	104839S	1300757E	PIDEG	335311S	1504500E
PANVO	350454S	1382453E	PIDEN	271226S	1173050E
PAPDO	380233S	1464220E	PIDIX	422910S	1471441E
PAPGA	373920S	1444358E	PIDOS	425541S	1474339E
PAPGU	333910S	1505812E	PIDOV	285618S	1505855E
PARAD	170234S	1243721E	PIDUT	315521S	1154222E
PARDA	322839S	1382809E	PIGIG	105702S	1422734E
PARNU	382548S	1463222E	PIKIS	343244S	1383005E
PARPO	192830S	1464806E	PIKON	271125S	1531422E
PARRY	274446S	1522120E	PILAB	261048S	1530433E
PARSI	373229S	1443652E	PILAK	335542S	1505919E
PASCO	374312S	1445748E	PILBY	344014S	1364402E
PASGO	333429S	1512203E	PILIG	270357S	1532019E
PASPO	260643S	1530508E	PILOS	352753S	1491558E
PATKO	305212S	1300000E	PILTA	331130S	1414736E
PATMU	314256S	1161532E	PIMOV	423255S	1473440E
PATSU	282002S	1540220E	PINAV	285254S	1290000E
PAVBI	293838S	1503407E	PINIP	194648S	1470022E
PAVGO	112135S	1055918E	PIPOV	042206S	0923230E
PAVNU	193000S	1141457E	PIPPA	144051S	1501124E
PAVSA	343241S	1383024E	PLEDL	290902S	1245648E
PAVSO	342754S	1173929E	PLEZN	344704S	1390424E
PAVTA	163023S	1454912E	PLUGA	353627S	1544120E
PAWSO	171244S	1460620E	POKIP	290218S	1140118E
PEART	372831S	1444327E	POKIT	355842S	1465701E
PEBAL	375836S	1445836E	POKOP	352847S	1490931E
PEBBL	123939S	1304924E	POKOS	203427S	1224027E
PEBDO	301952S	1513521E	POLEV	265513S	1381009E
PEBRA	333752S	1505308E	POLLI	354413S	1483555E
PEBTA	105751S	1401031E	POLUM	200000S	0983248E
PEBTO	373004S	1444052E	POLUP	313324S	1370830E
PEBTU	341920S	1543920E	POLUR	285443S	1533753E
PECOB	430943S	1505613E	POLUX	311145S	1153307E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
POMEL	341337S	1503302E	QUIET	270636S	1530406E
PONAN	242106S	1475145E	RACEV	203031S	1411522E
PONOD	274501S	1530829E	RACHL	293209S	1500850E
PONUX	244253S	1541607E	RADLA	345852S	1384705E
POODL	273113S	1532020E	RAFFY	211520S	1193544E
POPET	351708S	1491904E	RAINY	164200S	1453206E
POPEX	232628S	1504122E	RAKSO	340219S	1504130E
POPLA	351336S	1481600E	RANGU	315303S	1153033E
POREM	372908S	1445315E	RAPLY	175859S	1222123E
PORID	262259S	1524819E	RARIE	255206S	1173318E
PORIV	290000S	1452348E	RARTI	203000S	1343749E
POROB	193748S	1471417E	RASHI	381412S	1472519E
POROR	133446S	0985848E	RASKY	205047S	1231224E
PORTS	380112S	1445414E	RAXOK	290302S	1530153E
PORUV	343214S	1535101E	RAYNA	343812S	1383622E
POSAS	314432S	1151207E	RAZZI	380100S	1451842E
POSOD	032930S	0940954E	REBEG	255829S	1530646E
POSOX	101330S	1435536E	REBIR	211326S	1235714E
POSUM	310553S	1564700E	REDAS	340300S	1502209E
POSUT	300640S	1512533E	REDOM	310705S	1144858E
POTIP	214137S	1250758E	REEFE	110000S	1431530E
POTUM	291744S	1465916E	REEZA	285652S	1674256E
POTUS	344431S	1382812E	REGER	342808S	1503331E
POVED	193341S	1470240E	REGIN	190909S	1471115E
POVIT	353331S	1621751E	REGOM	280545S	1532744E
POXAL	350733S	1382903E	REKAK	415715S	1471838E
POXID	421905S	1471534E	RELEM	231256S	1500916E
PRAWN	335751S	1512246E	RELEP	361000S	1420507E
PUBAP	361857S	1413844E	RELOK	122526S	1303843E
PUBAR	135813S	1052951E	REMOR	265322S	1525051E
PUBIV	272125S	1531955E	REMOT	383531S	1473249E
PUBOX	144424S	1413436E	RENAK	215849S	1431941E
PUDIN	185625S	1410933E	RENAM	335204S	1511002E
PUDUR	242355S	1462922E	RENEL	304519S	1340637E
PUDUS	320420S	1161042E	RENER	374220S	1444348E
PUDUT	325741S	1512824E	REPAN	032853S	0765335E
PUGEL	194939S	1561328E	REPOB	313408S	1484104E
PUGON	280739S	1520701E	REPOK	313539S	1163151E
PUGUB	145909S	1293826E	REPUD	354651S	1580455E
PUGUT	274302S	1315311E	REPUX	271543S	1525221E
PUKIM	384810S	1474308E	RERAB	430000S	0750000E
PULAX	164045S	1453413E	RETEP	282956S	1350040E
PULEB	203310S	1301958E	REVGU	331002S	1513716E
PULEX	273729S	1525927E	REVKI	335419S	1495634E
PULOL	242716S	1364544E	RIBLI	422824S	1470042E
PUMAK	240713S	1331942E	RIBLU	313134S	1564330E
PUMED	320212S	1155613E	RIBNU	122039S	1303816E
PUMET	225723S	1494053E	RIDLE	354518S	1280000E
PUMIP	285121S	1532830E	RIDMA	351209S	1383042E
PUMRY	323911S	1165930E	RIDVO	284923S	1531527E
PUNED	234949S	1335652E	RIGBO	274436S	1332736E
PUNEK	274055S	1531607E	RIGMI	321205S	1630000E
PUNIG	272644S	1530538E	RIGTU	255100S	1483300E
PUNIT	163751S	1445422E	RIKDA	321714S	1485938E
PUNOT	113902S	1332254E	RIKNI	340456S	1523356E
PUPEB	142317S	1461434E	RIKTU	342419S	1401315E
PUPIT	120000S	1150900E	RIKUS	380132S	1465343E
PUPIV	134517S	1260855E	RIKVA	204218S	1470840E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
RIKVI	350148S	1381415E	RUNOD	360925S	1630000E
RILGO	264225S	1493526E	RUNRO	322718S	1435636E
RILVO	200644S	1402352E	RUNRU	245831S	1305851E
RIMSU	373609S	1462805E	RUNUT	134937S	0912250E
RINKI	272808S	1531935E	RUPEG	124257S	1321346E
RINLA	134030S	1341728E	RUPEL	344540S	1381117E
RIPMA	253659S	1184352E	RUPEM	335322S	1493452E
RIPMI	121110S	1304325E	RUPIK	342754S	1384812E
RIPMO	374216S	1442942E	RUPOD	383356S	1461618E
RIPNA	140000S	1582500E	RUPOG	303644S	1503819E
RIRBO	274944S	1524746E	RUPUS	211925S	1332729E
RIRSA	264654S	1480648E	RURAP	244146S	1312224E
RISMI	070755S	0872006E	RURLA	360136S	1464329E
RITSU	332124S	1504116E	ROX	242939S	1503412E
RITVU	271803S	1525853E	RURTO	192430S	1470046E
RIVET	341651S	1502549E	RUSAD	304910S	1334023E
RIVGO	350336S	1391248E	RUSIP	273502S	1531924E
RIVTO	122040S	1304021E	RUSIR	375747S	1470051E
RIXON	325728S	1520511E	RUSKA	124435S	1320036E
ROCEL	374517S	1450110E	RUSOM	314151S	1155258E
ROESA	380001S	1471918E	RUSUM	332443S	1502620E
ROGGS	350341S	1385421E	RUSVA	272541S	1525349E
ROGUE	343548S	1380527E	RUTAT	272626S	1531504E
ROKDL	373528S	1444922E	RUTAX	270907S	1530123E
ROKUU	281103S	1494008E	RUTED	185638S	1464358E
ROLFE	171300S	1460954E	RUTMO	330044S	1365043E
ROLOB	314735S	1161454E	RUTOS	331448S	1504019E
ROMPA	362700S	1313000E	RUTRS	181040S	1222936E
RONAN	315216S	1163507E	RUVAL	211141S	1484655E
ROOKI	105650S	1391216E	RUVOT	162955S	1454443E
ROONY	283133S	1533614E	RUVTI	122147S	0992828E
ROTTO	131219S	1251434E	RUVUS	361239S	1393108E
ROYAL	352747S	1490947E	RUXIB	301437S	1472608E
RUDEY	272309S	1522327E	SABAX	381747S	1470624E
RUFLE	370154S	1350000E	SABEK	020833S	0775337E
RUGBO	292049S	1165656E	SABTI	242217S	1271926E
RUGMU	233959S	1333834E	SABTO	312538S	1155800E
RUKNA	340806S	1381431E	SABUR	224810S	1484218E
RUKNO	271859S	1524954E	SADAK	344701S	1390851E
RUKSI	182609S	1334448E	SADAR	121340S	1303148E
RULGU	295457S	1525330E	SADEL	250224S	1342300E
RULUN	265408S	1532929E	SADID	210633S	1491751E
RULVI	275013S	1171155E	SADLO	324717S	1505750E
RUMAK	315615S	1160659E	SADMI	345942S	1382101E
RUMES	361117S	1470427E	SADOL	320858S	1154547E
RUMGI	154531S	1432412E	SADUD	133329S	1065734E
RUMIE	361947S	1474343E	SAFIR	192200S	1203430E
RUMIX	270737S	1630000E	SAGAR	320201S	1155439E
RUMKA	174712S	1464939E	SAGIR	354158S	1483333E
RUMRO	273746S	1530349E	SAGLI	261816S	1525259E
RUMUM	424425S	1474344E	SAGNO	215832S	1145831E
RUNAG	423448S	1473648E	SAGTA	271905S	1525850E
RUNDA	345636S	1462324E	SAILA	280631S	1533547E
RUNEL	700000S	1575736E	SAKAB	143100S	1025800E
RUNIV	304447S	1211917E	SAKAP	264137S	1531745E
RUNLA	221600S	1501124E	SAKBI	350558S	1591141E
RUNLO	285143S	1534703E	SAKBO	271656S	1530952E
RUNNA	331552S	1504717E	SAKEG	081017S	0852004E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
SAKEN	120540S	1345336E	SEBVI	351024S	1492937E
SAKOM	313930S	1152104E	SEDNI	143238S	1323236E
SAKUT	425142S	1474621E	SEDRA	333553S	1374337E
SALAL	550000S	1361936E	SEEKR	235714S	1335807E
SALEB	312930S	1155928E	SEEMO	305221S	1255216E
SALEL	273818S	1532340E	SEKNU	372642S	1450945E
SALGA	272211S	1532424E	SEKRI	331416S	1380540E
SALOT	344756S	1365725E	SEKRU	220500S	1135200E
SALOX	193200S	1463100E	SEMAJ	284036S	1535342E
SALRI	354852S	1435233E	SEMBU	190500S	1462100E
SALUS	324749S	1514959E	SEMGO	161626S	1222546E
SAMIG	375542S	1444518E	SEVSI	305100S	1233737E
SAMIN	321820S	1374300E	SHABY	330650S	1500447E
SAMLA	313743S	1155059E	SHAWN	234424S	1340352E
SAMOR	132119S	1414321E	SHAZA	333940S	1520054E
SAMOT	285924S	1675046E	SHEED	374351S	1445453E
SAMSN	271918S	1525242E	SHEPO	122756S	1313837E
SAMVI	272220S	1524437E	SHIKO	265624S	1500700E
SANAD	312311S	1512445E	SHINN	191042S	1401718E
SANEG	274904S	1530238E	SHNAB	272446S	1523603E
SANEM	374343S	1445946E	SHUTL	323944S	1520459E
SANOP	600000S	1520518E	SHYNN	283348S	1151540E
SANOX	251035S	1470645E	SIFRA	294805S	1561225E
SAPAN	360502S	1465211E	SILVN	342737S	1401445E
SAPDA	120000S	1112536E	SIMAS	201428S	1431737E
SAPED	312107S	1410026E	SIMOS	264348S	1530418E
SAPIT	350539S	1492126E	SINAM	260000S	1062906E
SAPKO	312903S	1162440E	SINNK	271239S	1531340E
SAPNO	290000S	1461047E	SKIPA	265423S	1262207E
SAPOR	285156S	1532615E	SLASH	222300S	1444954E
SAPOX	340750S	1525745E	SLICK	352756S	1492537E
SAPUG	315740S	1161237E	SLOAN	354919S	1533558E
SARAG	344543S	1383740E	SMALL	281146S	1533133E
SARAP	325507S	1630000E	SMIFF	420931S	1563848E
SARGA	191415S	1463028E	SMOKA	265233S	1523756E
SARIG	231132S	1183334E	SNELY	383423S	1502217E
SARIK	220032S	1414545E	SNICK	123442S	1314436E
SARIS	290745S	1680550E	SNOOD	150930S	1342307E
SAROK	262339S	1290425E	SOCAR	131317S	1331957E
SARRE	122857S	1310500E	SOFAL	330006S	1494624E
SARUB	371158S	1443548E	SOLIH	024844S	0772337E
SARUS	233736S	1503507E	SOLIT	235500S	0750000E
SASEG	334752S	1501913E	SOLLI	202958S	1311545E
SASMO	193939S	1464755E	SOLUS	322854S	1161641E
SASRO	383451S	1630000E	SOOTY	272431S	1523644E
SATCO	192748S	1464006E	SOPAT	161634S	1130029E
SATNA	110412S	1243412E	SORCE	302717S	1473529E
SATNU	301700S	1590600E	SORTI	314915S	1515245E
SATPA	272859S	1403753E	SORTU	320954S	1203854E
SAVER	273111S	1540336E	SORVA	273230S	1530910E
SCARP	320948S	1160300E	SORVI	423528S	1472750E
SCATZ	323918S	1501518E	SOSIJ	341020S	1511405E
SCHEE	225906S	1285206E	SOSTU	253111S	1524236E
SCOTT	275206S	1534800E	SOTKI	335041S	1551108E
SCUBY	160542S	1295412E	SOTMI	265530S	1351012E
SCULN	350338S	1485327E	SOVMU	264754S	1205730E
SEBLU	392615S	1463341E	SOVRO	104942S	1405728E
SEBVA	261723S	1523902E	SOVRU	363206S	1475042E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
SOVTO	283551S	1173246E	TAITE	383132S	1442825E
SPARK	285415S	1534042E	TALAG	350653S	1491215E
SPEER	273617S	1315530E	TAMED	145512S	1440506E
SPENA	341542S	1365427E	TAMMI	340608S	1504941E
SPIES	322539S	1490648E	TAMOD	331606S	1182818E
SPITY	310433S	1160030E	TANEM	153108S	1100712E
SPLIZ	324325S	1492651E	TANIK	273549S	1525903E
SPODD	384928S	1414745E	TANOV	330000S	1370000E
SPOTA	340431S	1374437E	TANTA	355250S	1483154E
SPUDO	314928S	1161113E	TANUD	213503S	1491236E
STANG	311337S	1153946E	TAPAX	361818S	1250000E
STILE	331154S	1215036E	TAPET	260633S	1525754E
STIMP	280630S	1533439E	TAPIO	325753S	1520417E
STIRL	350347S	1384445E	TAPIT	224236S	1191955E
STOES	132655S	1314705E	TAPUL	273312S	1525334E
STUIE	333549S	1504635E	TARAK	204545S	1120307E
SUBUM	374842S	1350000E	TARAL	343007S	1495601E
SUDAG	115358S	1301434E	TARES	224106S	1495826E
SUDLU	123807S	1304609E	TARET	191100S	1452600E
SUGAB	284629S	1191312E	TAROL	263212S	1522124E
SUKBU	192908S	1470706E	TASED	423134S	1473640E
SUKTU	290507S	1510446E	TASEG	321135S	1441047E
SULDA	364021S	1474957E	TASIK	333158S	1505212E
SULDO	273521S	1525419E	TASIS	381256S	1455337E
SULMI	281318S	1492315E	TASMA	395959S	1460422E
SULON	395131S	1630000E	TASUM	425050S	1473136E
SULPO	374730S	1444612E	TASUN	203724S	1472354E
SULTU	200439S	1452555E	TATAP	104540S	1331521E
SUMPA	163143S	1164002E	TATEN	282924S	1523212E
SUMRU	380012S	1443515E	TATOD	105906S	1025842E
SUMSA	331235S	1514537E	TATUK	192546S	1263847E
SUMUP	324400S	1372100E	TAVET	381718S	1481045E
SUNAL	331428S	1375943E	TAVEV	241536S	1432633E
SUNEK	422359S	1473934E	TAXAT	340413S	1505355E
SUNIL	165600S	1275354E	TAXEG	291323S	1511413E
SUNIX	141116S	1345526E	TAXES	350532S	1383429E
SUNKI	381842S	0750000E	TAXIV	300219S	1530426E
SUNOB	400252S	1484742E	TAXUM	222155S	1430502E
SUNPO	145158S	1273858E	TAYER	161745S	1172142E
SUNTI	383028S	1451249E	TCART	175452S	1220556E
SUNUB	275034S	1531849E	TEBIP	310533S	1163427E
SUPAS	331054S	1250000E	TEBOT	270001S	1534555E
SUPGA	250508S	1473019E	TEBUM	381314S	1465654E
SUPKA	292007S	1151141E	TEBUR	232824S	1630000E
SUREB	270351S	1512644E	TEDEB	291145S	1532346E
SURGN	345037S	1390402E	TEDEK	333237S	1505639E
SURIS	281111S	1200000E	TEDOR	414250S	1472112E
SURPO	265508S	1523422E	TEDUS	345441S	1373648E
SURSI	275750S	1532059E	TEEVE	334347S	1495351E
SURUR	163349S	1453157E	TEGAL	314733S	1361808E
SURVO	152150S	1364007E	TEGEX	311309S	1354416E
SUSAK	373451S	1445711E	TEGIL	271029S	1524504E
SUSGI	253542S	1514023E	TEGIT	123640S	1310756E
SUSPU	312200S	1361942E	TEKAN	120000S	1504330E
SWAGY	240000S	1100000E	TEKEP	302924S	1630000E
SWAGZ	164530S	1453330E	TEKOD	343824S	1361935E
SYNOT	421312S	1465348E	TEKUD	322919S	1194929E
TAGOD	395430S	1350000E	TEKUP	381524S	1300000E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
TELAP	191120S	1465544E	TOSOB	122759S	1304622E
TELIP	364434S	1441934E	TOSUG	423323S	1472519E
TELOG	281440S	1535437E	TOTTY	171424S	1453836E
TEMAN	180130S	1222134E	TRAIL	154448S	1454102E
TEMAP	315143S	1152926E	TREBL	265130S	1363218E
TEMIS	371223S	1455006E	TREES	320000S	1100000E
TEMUL	271756S	1532834E	TREST	345300S	1442518E
TENCH	145347S	1480342E	TREVR	374641S	1471517E
TENER	412118S	1470149E	TRIKI	265220S	1532113E
TENIP	281819S	1534430E	TRINA	322334S	1514238E
TEPUN	302830S	1161655E	TROFE	321609S	1490256E
TERAR	175611S	1384907E	TROUB	350510S	1380920E
TEREM	320806S	1160940E	TRUKA	135827S	1332809E
TEROG	280212S	1160400E	TUCAB	292848S	1531606E
TEROS	052916S	0752312E	TUCKI	285518S	1532212E
TERRA	281424S	1533312E	TULPO	205355S	1152350E
TERUV	253742S	1525429E	TULRU	305118S	1541715E
TESAT	335638S	1511057E	TUMAN	343613S	1401750E
TEXAN	190042S	1372924E	TUMDI	350138S	1382501E
TEZZA	270427S	1521259E	TUMSO	241449S	1332653E
THENA	281322S	1420022E	TUNGO	413112S	1410000E
THOMO	194129S	1451426E	TUNGU	243754S	1450354E
THRUM	403002S	1445251E	TUNKA	371956S	1444631E
TIABB	311043S	1503352E	TUNVI	275824S	1413215E
TICAL	120000S	1512231E	TUPMA	334317S	1503724E
TIGGA	274337S	1410447E	TUPSI	342607S	1383346E
TIMBO	321023S	1512742E	TUPSO	193000S	1150712E
TIMET	190741S	1161917E	TURBI	361910S	1422441E
TINAH	213618S	1414518E	TUREK	231349S	1180552E
TOBOB	345603S	1450449E	TURGO	121658S	1310036E
TODEG	163859S	1454928E	TUSGO	345510S	1385218E
TODIK	275346S	1174136E	TUSTU	122041S	1342444E
TODIV	375000S	1474824E	TUSVA	243219S	1180820E
TODOS	333155S	1193927E	TUTNI	292450S	1170330E
TODOT	091758S	1265724E	TUTNO	344618S	1350000E
TODOX	191130S	1470100E	TUTRA	285704S	1674635E
TOGAM	320329S	1161154E	TUTRU	320452S	1133646E
TOGAT	410936S	1472546E	TUVBA	320045S	1154911E
TOGEN	204312S	1455318E	TUVBI	405356S	1604237E
TOGIN	272848S	1525635E	TUVNO	191223S	1464734E
TOKAX	424753S	1472737E	TUVRA	391427S	1440946E
TOLAG	234019S	1141322E	TWIST	154406S	1250206E
TOLAX	270224S	1525813E	TYERS	375436S	1481054E
TOMAR	410814S	1630000E	TYNDI	374817S	1421856E
TOMUM	362530S	1350000E	UBDAK	285434S	1654827E
TONEG	320916S	1154713E	UBDIB	341403S	1402100E
TONIM	360154S	1542046E	UBDIG	125350S	1303206E
TONTO	341734S	1503842E	UBGAN	272012S	1481027E
TONUX	334304S	1510742E	UBGEL	285124S	1545252E
TOODY	314731S	1161130E	UBGIM	325632S	1515143E
TOOKI	331603S	1513349E	UBGUT	364019S	1421005E
TOPIR	291100S	1164007E	UBGUX	121337S	1304316E
TOPUL	371253S	1473635E	UBKEM	300051S	1533940E
TORAG	345155S	1503809E	UBLEN	425257S	1473430E
TOREX	072400S	1333530E	UBLIN	274941S	1630000E
TOROB	335347S	1494518E	UBLOM	320352S	1510657E
TOROT	122622S	1305717E	UBLUK	284901S	1495112E
TOSAS	120000S	1470554E	UBMAX	325440S	1515236E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
UBMEP	344613S	1504454E	UPRUM	303454S	1514536E
UBNIL	323809S	1520256E	UPRUN	252800S	1294135E
UBNIS	081618S	0800000E	UPSAD	310031S	1572348E
UBNUB	324022S	1435139E	UPSAL	373616S	1464527E
UBSON	322552S	1515211E	UPSEL	293314S	1525543E
UDEPO	325139S	1515932E	UPSEN	123334S	1304504E
UDERI	274114S	1513807E	UPSES	304204S	1363800E
UDISI	330822S	1534057E	UPSID	151117S	1230703E
UDIXA	324700S	1520500E	UPSOG	300357S	1242546E
UDODU	341020S	1502701E	UPSUK	351329S	1494437E
UGAVI	232515S	1245822E	UPTAL	272050S	1515159E
UGISU	324455S	1513423E	UPTAM	154721S	1140015E
UGITO	391532S	1464623E	UPTEB	324455S	1514608E
UGPOT	315322S	1523034E	UPTEK	310630S	1151657E
UGPUR	360955S	1444553E	UPTIK	205244S	1164132E
UGSIG	275752S	1533119E	UPTOD	290737S	1474755E
UGTUG	272922S	1535232E	UPTUN	343125S	1383855E
UGUMO	272422S	1533401E	UPTUP	333119S	1500436E
UGUXA	344046S	1382612E	UPVEN	314656S	1501439E
UGVER	353730S	1472802E	UPVIB	325728S	1520341E
UGVOK	325059S	1513302E	UPVUK	284502S	1533354E
UKADI	265927S	1394427E	URADA	345805S	1384653E
UKAPI	260812S	1531518E	URAMU	264550S	1202708E
UKBAX	291029S	1531315E	URBAM	295748S	1531534E
UKBES	334548S	1505657E	URBEN	415236S	1461736E
UKDAV	341432S	1511449E	URBEP	312816S	1501833E
UKDIP	323904S	1514620E	URBIN	270319S	1533808E
UKDUL	330119S	1503303E	URBOB	355354S	1500834E
UNDER	290000S	1100000E	URBUN	344913S	1382313E
UNDOW	314945S	1162414E	URDAX	324352S	1514440E
UNSAR	321217S	1490448E	URDEN	334448S	1510727E
UNSIG	372658S	1473003E	URDOS	334207S	1505432E
UNSOK	262342S	1174818E	URGEX	321727S	1195121E
UNSOV	181105S	1253325E	URKER	313648S	1502300E
UNSOX	335308S	1394829E	URKIX	332413S	1515321E
UNSUS	330641S	1485146E	UTTOX	123859S	1303633E
UNTAP	423326S	1471720E	UVUNU	291529S	1525921E
UNTAV	331738S	1505111E	UVUPU	335032S	1423257E
UNVAT	254810S	1495347E	UXAMA	335226S	1512731E
UNVAX	275455S	1175123E	UXILO	264931S	1452701E
UPDAK	335327S	1504306E	UXIPI	284734S	1532451E
UPDID	341839S	1503041E	UXORA	260000S	1091344E
UPDUR	361226S	1464408E	UXUGA	290105S	1531444E
UPKAN	373450S	1443552E	UXUTI	345700S	1503200E
UPKID	374953S	1450644E	VABLI	123715S	1311611E
UPLOT	262229S	1525957E	VADMA	350634S	1490311E
UPLUG	324627S	1513855E	VAGPO	310000S	1424844E
UPMAR	335344S	1505546E	VAKSA	151106S	1434805E
UPMOG	280010S	1515023E	VALDU	370828S	1473308E
UPMUV	344905S	1484042E	VALDZ	232700S	1414148E
UPNEX	332626S	1514005E	VALES	372152S	1452057E
UPNIS	314606S	1161327E	VALRA	214241S	1221248E
UPNOR	290348S	1340125E	VALVO	272754S	1532121E
UPNOT	183922S	1095542E	VAMSO	321323S	1481345E
UPOLO	164153S	1455658E	VANDI	122041S	1314515E
UPRIG	272837S	1532245E	VANGO	235248S	1335152E
UPROT	343406S	1391830E	VANRU	315347S	1153444E
UPROX	123121S	1305621E	VANSU	283557S	1533417E

WAYPOINT	LAT	LONG	WAYPOINT	LAT	LONG
VANTI	273810S	1525947E	VESUN	245847S	1630000E
VANVA	222130S	1495154E	VETAK	311410S	1510239E
VAPMU	280124S	1533308E	VETIS	273414S	1531102E
VAPSA	040902S	0762331E	VETOP	272101S	1514146E
VAPTA	282957S	1355005E	VETOR	423727S	1473005E
VARBI	191809S	1464438E	VEVAV	152847S	1414455E
VARLY	335438S	1532026E	VEVEX	273551S	1531802E
VASRA	332202S	1510408E	VEVOS	341927S	1491919E
VATPO	115450S	1304428E	VEXEV	303003S	1474139E
VATRO	273919S	1525950E	VEXOP	373636S	1450804E
VATRU	335204S	1504718E	VIBID	255337S	1133438E
VATSU	344445S	1361743E	VIBUX	371012S	1300000E
VAVBU	142629S	1321324E	VICKI	350655S	1491255E
VAVGA	320537S	1161428E	VICMA	344236S	1383103E
VAVMO	422343S	1470755E	VIDAR	374406S	1443620E
VAVPA	354233S	1373051E	VIDIK	335742S	1510517E
VEBMI	310845S	1505550E	VIDUM	282434S	1534906E
VEBTO	191723S	1463752E	VIKAM	345412S	1504340E
VEDKI	144742S	1161913E	VIKIL	262559S	1531349E
VEDPI	291108S	1472922E	VIKIS	315055S	1155930E
VEDRU	271137S	1510648E	VIKUV	122127S	1305826E
VEGAH	292436S	1524924E	VILAD	342332S	1392059E
VEGDI	223418S	1521850E	VILAL	423025S	1472153E
VEGPU	124000S	1311423E	VILER	271126S	1525520E
VEGRU	362249S	1462859E	VILIG	350455S	1492443E
VEGSU	273745S	1525522E	VILIN	314042S	1162734E
VEKBI	173550S	1442237E	VILOD	304541S	1170221E
VEKBO	283142S	1171910E	VILON	095000S	1351120E
VEKLO	420515S	1473953E	VILUN	191544S	1470308E
VEKMI	345107S	1381413E	VIMAP	403927S	1471154E
VEKNU	262641S	1530749E	VIMEG	293553S	1523512E
VEKPA	291055S	1511114E	VIMET	235223S	1334440E
VELGI	332151S	1475540E	VIMIN	122810S	1313111E
VELKA	275102S	1531443E	VIMUG	192215S	1464242E
VELKU	370421S	1583000E	VIMUS	350406S	1250000E
VEMDA	380910S	1472337E	VINAX	213518S	1375333E
VEMLA	265244S	1582515E	VINCN	345644S	1382138E
VEMON	323221S	1170428E	VINOP	344207S	1463101E
VEMTO	191000S	1202636E	VINOX	191300S	1460300E
VENEL	332824S	1434624E	VINUG	142746S	1321928E
VENGA	212246S	1151300E	VIPAM	120000S	1480114E
VENPU	373327S	1450043E	VIPAR	240046S	1324848E
VENUL	335530S	1513457E	VIPES	413621S	1471547E
VENUP	311544S	1153527E	VIPUB	193706S	1451309E
VENVO	374504S	1450446E	VIRAP	280536S	1515700E
VEPAN	315141S	1162253E	VIRAT	344726S	1384539E
VEPAP	290000S	1443542E	VIRGE	271312S	1544429E
VEPAS	342447S	1630000E	VIROB	112548S	1280311E
VEPEK	222158S	1191455E	VIROK	305711S	1190947E
VEPOK	340612S	1370120E	VIRUR	332259S	1490728E
VEPUD	374150S	1451244E	VIRUV	285707S	1343327E
VERAV	295939S	1471509E	VISAS	374018S	1450135E
VERES	312117S	1522410E	VISEP	202030S	1131036E
VERIK	274946S	1532145E	VISER	372736S	1474936E
VERIS	171611S	1050000E	VISIB	262712S	1525748E
VESIM	233409S	1152131E	VITAA	350257S	1380815E
VESOK	300645S	1525324E	VIYYA	020000S	0830000E
VESOP	163933S	1391013E	VOMPA	194825S	1465418E

WAYPOINT	*LAT*	*LONG*	*WAYPOINT*	*LAT*	*LONG*
VONDO	281806S	1522347E	WOLBI	352854S	1481230E
VONNI	331256S	1512420E	WOLGO	274059S	1155529E
VOSSI	333626S	1504756E	WONGA	334808S	1503941E
WACKO	271117S	1524511E	WONKA	322641S	1520552E
WAGOO	280853S	1184525E	WONSA	220000S	1100000E
WAHAN	283155S	1533402E	WONYU	245530S	1194449E
WALLI	292731S	1202925E	WOODY	271417S	1522417E
WALTA	194126S	1473526E	WOOFA	121653S	1321539E
WANGI	130748S	1302657E	WOOFY	315130S	1154854E
WANNA	315242S	1155853E	WOONA	344408S	1403159E
WARRA	244958S	1141944E	WOORA	314511S	1160441E
WARTY	335423S	1540656E	WUDOF	121334S	1305032E
WAYNS	314650S	1163050E	WUNGO	321154S	1160142E
WAZZA	364757S	1463747E	WVFRN	165317S	1454135E
WEAVA	321706S	1480848E	WVFRS	165723S	1454306E
WEBBA	215342S	1171348E	WYLOO	224823S	1161547E
WEENA	120000S	1501801E	WYMER	365218S	1425524E
WEIRD	381131S	1471958E	WYNOT	161519S	1492419E
WELKE	213753S	1493614E	YAHMO	304301S	1185149E
WELLI	273000S	1531506E	YAKKA	331132S	1511322E
WELSH	340806S	1501830E	YANCO	351641S	1454354E
WENER	261550S	1285645E	YARDD	172018S	1370918E
WHALE	335906S	1513441E	YARRA	375030S	1445212E
WHEBB	283636S	1200000E	YEEDI	285207S	1193148E
WHITI	291020S	1524516E	YINDI	233232S	1335206E
WHOOL	272054S	1200000E	YINGA	274407S	1191728E
WINKY	271658S	1523927E	YIREE	313836S	1160855E
WIRAL	274631S	1182735E	YOGGI	323309S	1515350E
WISKA	193432S	1451230E	YOKRA	300447S	1191934E
WIZZA	274023S	1530255E	YOTHU	235546S	1333858E
WOBBL	273322S	1522515E	YUNGA	314500S	1160909E
WODAY	285504S	1552137E	YUSEF	212554S	1350712E
WOKKA	364113S	1394000E	ZAARS	120159S	1293613E
WOKKI	121949S	1305334E	ZANEY	160144S	1455443E
WOLAG	263417S	1151557E	ZONKA	335729S	1510645E

VFR WAYPOINTS - ENCODED

WAYPOINT	*STATE*	*CODE*	*LAT*	*LONG*
ABEAM KUNOTH	NT	KNO	233230S	1333300E
ABEAM SUFFOLK PARK	NSW	ASFK	284052S	1533721E
ABM KILTO	WA	ABKL	174419S	1224407E
ABM TV TOWERS	QLD	TVT	272830S	1525500E
ACADEMY	VIC	ACE	375345S	1451050E
ACHERON ISLAND	QLD	ANI	185740S	1463810E
ACLAND	QLD	ACLD	271815S	1514120E
ADELAIDE CBD	SA	ACTY	345600S	1383600E
ADELAIDE RIVER BRIDGE	NT	ADB	123930S	1312000E
ADELAIDE RIVER MOUTH	NT	ADRM	121306S	1311436E
ADELONG	NSW	AOG	351830S	1480400E
ADMIRALTY ISLAND	QLD	ADI	165900S	1454630E
ADVENTURE WORLD	WA	ADWD	320543S	1154904E
ALAWOONA	SA	ALON	344500S	1403000E
ALBERT PARK LAKE	VIC	APL	375120S	1445830E
ALKIMOS WATER	WA	AKMW	313649S	1154036E
ALOOMBA	QLD	ALBA	170618S	1455000E
ALTONA	VIC	ALOA	375200S	1445100E
ALTONA SOUTH	VIC	ALTS	375244S	1444836E
ANGLESEA	VIC	ANG	382500S	1441100E
ANM PAPER MILL	NSW	APM	360000S	1465900E
ANNA BAY	NSW	ANA	324700S	1520500E
ANNA PLAINS	WA	ANPL	191600S	1213100E
ANTILL PLAINS	QLD	ANP	192600S	1465000E
APPIN	NSW	APPN	341200S	1504718E
ARCADIA HS	QLD	ARCD	205200S	1380400E
ARDENT	QLD	AEN	264642S	1523442E
ARMADALE SHOPS	WA	SHOP	320854S	1160057E
ARROWSMITH PT	NT	AWP	131500S	1362700E
ARUNDEL SUBSTATION	NSW	ASU	351230S	1472400E
ATHERTON	QLD	ATN	171530S	1453030E
ATTUNGA	NSW	ATG	305600S	1505020E
ATV10	VIC	ATV	375110S	1451005E
AUSTRALIAN LIVESTOCK EQUINE CENT	NSW	ALEC	310805S	1505516E
AVENEL	VIC	AVNL	365347S	1451359E
AVOCA	TAS	AVCA	414654S	1474310E
BABINDA	QLD	BADA	172030S	1455530E
BACCHUS MARSH TOWNSHIP	VIC	BMP	374030S	1442620E
BAKER LAKE	WA	BKRL	264240S	1255847E
BALD HILLS MAST	QLD	BLHS	271847S	1530058E
BALMORAL	VIC	BOA	371500S	1415000E
BANGALOW	NSW	BANG	284112S	1533100E
BARANDUDA TOWERS	VIC	BDT	361500S	1465100E
BARBAGALLO RACEWAY	WA	BARB	314000S	1154700E
BARN HILL CARAVAN PARK	WA	BHCP	182207S	1220226E
BARNES HILL	QLD	BSL	271200S	1520600E
BARRENJOEY HEAD	NSW	BRNJ	333448S	1511936E
BARRINGUN	NSW	BRR	290100S	1454200E
BARRON GORGE	QLD	BRGE	165100S	1453900E
BARWON PRISON	VIC	BPN	375900S	1442100E
BASS STRAIT	TAS	KALK	393000S	1423000E
BATEMANS BAY	NSW	BATB	354300S	1501100E
BATHURST ISLAND	NT	BTI	114559S	1303700E
BATMAN BRIDGE	TAS	BNE	411303S	1465451E
BAULKHAM HILLS RESERVOIR	NSW	BKHR	334437S	1505915E
BAYWEST	VIC	BAW	380000S	1445536E

WAYPOINT	*STATE*	*CODE*	*LAT*	*LONG*
BEACHMERE	QLD	BCM	270700S	1530300E
BECTIVE HS	NSW	BIV	305820S	1504418E
BEECHMONT	QLD	BENT	280800S	1531200E
BEECHWORTH	VIC	BCH	362130S	1464120E
BELLBROOK	NSW	BLR	304918S	1523040E
BELLINGEN	NSW	BLIG	302720S	1525350E
BEN NEVIS	TAS	BENV	412440S	1473830E
BENDEMEER	NSW	BND	305300S	1510900E
BERILEE	NSW	BEE	333712S	1510618E
BESSIE POINT	QLD	BESI	165412S	1454848E
BEVERIDGE	VIC	BVG	372820S	1445815E
BIDDESTON	QLD	BDTN	273330S	1514300E
BIDGEE 1	ACT	BIDG	352128S	1490056E
BIDGEE 2	ACT	BDGE	352659S	1490316E
BINGIL BAY	QLD	BIBA	174940S	1460605E
BIRDWOOD	SA	BDWD	344924S	1385736E
BLACK MT	QLD	BCT	210410S	1490545E
BLACK MT	ACT	BKM	351630S	1490600E
BLACKSMITH ISLAND	QLD	BKIS	203800S	1490400E
BLI BLI CASTLE	QLD	BLIC	263730S	1530200E
BOAT HARBOUR	TAS	BTM	405700S	1453800E
BOATYARD	WA	BOAT	320902S	1154557E
BODDINGTON	WA	BODD	324800S	1162800E
BOGANTUNGAN	QLD	BGN	233900S	1471800E
BOLTE BRIDGE	VIC	BLTB	374909S	1445556E
BOND SPRINGS	NT	BSP	233100S	1335100E
BOND UNIVERSITY	QLD	BUVY	280436S	1532436E
BONEGILLA	VIC	BNG	360840S	1470045E
BONGAREE	QLD	BONG	270500S	1531100E
BOONDALL ENTERTAINMENT CENTRE	QLD	BOON	272030S	1530503E
BORAL QUARRIES	NSW	BORQ	284914S	1533007E
BORUMBA RESV	QLD	BOAR	263030S	1523500E
BOTANY BAY HEADS	NSW	BBH	340030S	1511430E
BOWEN	QLD	BOWN	200100S	1481430E
BOWEN BRIDGE	TAS	BOWB	424900S	1471800E
BOWENVILLE	QLD	BWV	271820S	1512915E
BOWMANS	SA	BWMS	340900S	1381600E
BOWNA	NSW	BOW	355700S	1470700E
BOWRAL	NSW	BWL	342845S	1502505E
BOWRAVILLE	NSW	BOV	303900S	1525100E
BRAMPTON ISLAND	QLD	BPI	204820S	1491600E
BRANXTON	NSW	BAXT	324000S	1512100E
BREAKWATER	NSW	BRAK	285233S	1533520E
BREEZA	NSW	BZA	311500S	1502800E
BRIBIE BRIDGE	QLD	BBBG	270425S	1530846E
BRIBIE ISLAND	QLD	BBI	270001S	1530835E
BRICKWORKS	NSW	BWKS	335350S	1504503E
BRIGHTON	VIC	BTO	375440S	1445910E
BRIGHTON JETTY	SA	BTJ	350100S	1383100E
BRINGELLY	NSW	BRY	335630S	1504342E
BRINSMEAD	QLD	BRIN	165430S	1454230E
BRISBANE CBD	QLD	BCTY	272800S	1530200E
BRISBANE CRICKET GROUND	QLD	BNCG	272909S	1530217E
BROADFORD	VIC	BDF	371230S	1450230E
BROADWATER	NSW	BROD	290043S	1532600E
BROOKLYN	VIC	BYN	374940S	1445130E
BROOKLYN BRIDGE	NSW	BBG	333227S	1511145E
BROOKTON	WA	BTON	322200S	1170100E

WAYPOINT	STATE	CODE	LAT	LONG
BROUGHTON ISLAND	NSW	BRI	323630S	1521830E
BRUNSWICK HEADS	NSW	BRH	283230S	1533300E
BUCHAN PT	QLD	BUCP	164410S	1454004E
BUCHANAN HILLS	NT	BUCN	185400S	1310500E
BUCKLAND	TAS	BKD	423640S	1474300E
BUCKLAND PARK WEATHER RADAR	SA	BPK	343701S	1382808E
BUNDAGEN HEAD	NSW	BDH	302600S	1530430E
BUNGENDORE	NSW	BEN	351530S	1492650E
BUNGIL BRIDGE	VIC	BUG	360300S	1472100E
BUNNINGS LEPPINGTON	NSW	BLEP	335704S	1505008E
BURBONG	NSW	URG	352025S	1491835E
BURLEIGH HEADS	QLD	BLGH	280527S	1532730E
BURNS BEACH	WA	BUB	314342S	1154300E
BURNS POINT FERRY	NSW	BURN	285229S	1533140E
BURRA	SA	BURR	334100S	1385600E
BURRAGA	NSW	BUGA	335300S	1493400E
BURRINJUCK	NSW	BJK	350018S	1483500E
BURRUMBUTTOCK	NSW	BMK	355000S	1464800E
BYFORD	WA	BYFD	321300S	1160200E
BYNOE HARBOUR	NT	BYNO	124500S	1304100E
BYROCK	NSW	BYRK	303900S	1462400E
BYRON BAY	NSW	BBAY	283900S	1533700E
CABLEWAY TERMINAL	QLD	CBLT	165054S	1454130E
CABOOLTURE	QLD	CABO	270515S	1525700E
CALEN	QLD	CALN	205400S	1484610E
CALOUNDRA DROPZONE	QLD	CRDZ	264800S	1530636E
CALTEX REFINERY	QLD	CALT	272454S	1530930E
CALVERT	QLD	CLVT	273949S	1523057E
CAMBRAI	SA	CBRA	343930S	1391648E
CAMPANIA	TAS	CPA	423958S	1472521E
CAMPBELLTOWN	TAS	CLLN	415600S	1472930E
CAMPBELLTOWN RAILWAY STATION	NSW	CRST	340350S	1504851E
CAMPBELLTOWN UNIVERSITY	NSW	CAMB	340418S	1504700E
CANBERRA RACECOURSE	ACT	RCSE	351418S	1490812E
CANNING BRIDGE	WA	CNB	320036S	1155100E
CANNING DAM	WA	CDM	320915S	1160730E
CANNONVALE	QLD	CAV	201640S	1484130E
CANTERBURY RACECOURSE	NSW	CBY	335430S	1510642E
CAPE BANKS	NSW	CAPS	335951S	1511440E
CAPE CLEVELAND	QLD	CCL	191100S	1470045E
CAPE CONWAY	QLD	CPY	203210S	1485540E
CAPE GAMBIER	NT	CGR	115620S	1305800E
CAPE GRAFTON	QLD	CGF	165150S	1455500E
CAPE HILLSBOROUGH	QLD	CPH	205420S	1490240E
CAPE JERVIS	SA	CAJE	353622S	1380531E
CAPE KEITH	NT	CAKE	113700S	1312800E
CAPE LAMBERT	WA	CMB	203536S	1171100E
CAPE MORETON	QLD	CPMN	270200S	1532800E
CAPE PORTLAND	TAS	CPLD	404500S	1475700E
CAPE RICHE	WA	CPHE	343600S	1184600E
CAPTAINS FLAT	NSW	CAPT	353528S	1492643E
CARAMUT	VIC	CAU	375800S	1423100E
CARDINIA RESV	VIC	CARE	375730S	1452500E
CARDONA	QLD	CDNA	232000S	1490000E
CARINDALE SHOPPING CENTRE	QLD	CARIN	273000S	1530604E
CARLINGFORD CORNER	NSW	CFCR	334528S	1510300E
CARRICK	TAS	CIK	413200S	1470000E
CARRUM	VIC	CARR	380427S	1450710E

WAYPOINT	*STATE*	*CODE*	*LAT*	*LONG*
CASTLE JUNCTION	TAS	CLJ	413020S	1472900E
CASTLE PT	NT	CTT	122100S	1311630E
CASTLE TOWERS	NSW	CAST	334356S	1510017E
CASTLEREAGH POINT	QLD	CRPT	271132S	1530641E
CASUARINA OVAL	NSW	CASO	335859S	1510129E
CECIL PARK INTERSECTION OF M12 AND M7	NSW	CPIT	335235S	1505033E
CECIL PLAINS	QLD	CCP	273200S	1511100E
CEDUNA OBSERVATORY	SA	CAO	315200S	1334800E
CENTENARY BRIDGE	QLD	CBRG	273139S	1525648E
CERBERUS	VIC	CERB	375800S	1450000E
CHAFFEY DAM	NSW	CYM	312030S	1510800E
CHANNEL ISLAND	NT	CHI	123300S	1305200E
CHARLES PT	NT	CHAP	122258S	1303705E
CHATSWOOD CBD	NSW	CHAT	334746S	1511107E
CHILTERN	VIC	CHN	360845S	1463625E
CHIPBOARD FACTORY	NSW	CIB	350415S	1472415E
CHOCOLATE FACTORY	TAS	CHOC	424735S	1471604E
CHOPPERS NORTH	NSW	CNTH	335254S	1510130E
CHOPPERS SOUTH	NSW	CSTH	335715S	1505752E
CHOPPERS WEST	NSW	CWST	335225S	1510014E
CID ISLAND	QLD	CIDI	201515S	1485503E
CITY BEACH	WA	CYB	315630S	1154500E
CLEVEDON	QLD	CEN	192345S	1470115E
CLEVELAND	QLD	CVD	273110S	1531700E
CLIFFY ISLAND	VIC	CFI	385705S	1464208E
CLIFTON SPRINGS	VIC	CLS	380900S	1443400E
CLONAGH STN	QLD	CGH	200800S	1404100E
CLONEYS CREEK	QLD	CLOY	201300S	1423600E
CLUNES	NSW	CLUN	284345S	1532421E
COBAKI	NSW	COBA	281100S	1532916E
COCKATOO	VIC	CKT	375618S	1452942E
COLBINABBIN	VIC	CBI	363500S	1444800E
COLLINGULLIE	NSW	CGE	350520S	1470715E
COMERONG ISLAND	NSW	CONG	345300S	1504400E
CONARA JUNCTION	TAS	CJN	415000S	1472600E
CONDONG MILL	NSW	CGM	281900S	1532600E
COOBY CREEK RESV	QLD	CBYC	272310S	1515620E
COOK ISLAND	NSW	CIS	281150S	1533440E
COOLAMON	NSW	CLMN	344900S	1471200E
COOLMUNDA RESV	QLD	CMDR	282700S	1511400E
COOLUM HI-RISE	QLD	COOL	263140S	1530514E
COOROY	QLD	CORO	262500S	1525430E
COPPERLODE DAM	QLD	CPL	165910S	1454015E
COPPINS CROSSING	ACT	CPNG	351718S	1490236E
CORAKI	NSW	CORK	285917S	1531716E
CORIN RESV	ACT	CVR	353230S	1485000E
COSSACK	WA	COSS	204036S	1171124E
COTTER	ACT	COTR	352017S	1485930E
COTTESLOE	WA	CTE	315930S	1154500E
COW ISLAND	QLD	COWI	202522S	1485041E
COWWARR	VIC	COWR	380052S	1464135E
CRADLE MOUNTAIN LODGE	TAS	CML	413542S	1455542E
CRAIGBOURNE RESV	TAS	CBV	423300S	1472500E
CRAIGIEBURN OVERPASS	VIC	CGB	373610S	1445620E
CRAYFISH	SA	CRAY	383500S	1394500E
CREMORNE	TAS	CREM	425730S	1473200E
CRESSY	TAS	CES	414130S	1470500E
CRESWICK	VIC	CWK	372600S	1435400E

WAYPOINT	STATE	CODE	LAT	LONG
CRONULLA	NSW	CUL	340342S	1510912E
CROPPA CREEK	NSW	CRPC	290800S	1501800E
CROSSROADS SHOPPING CENTRE	NSW	CRSC	335735S	1505245E
CROWS NEST	QLD	CNT	271610S	1520320E
CUDGEN HEADLAND	NSW	CGD	281554S	1533506E
CULCAIRN	NSW	CCN	354000S	1470220E
DAINTREE	QLD	DAIN	161500S	1451900E
DALMORE DOWNS	NT	DLMO	194630S	1360006E
DALWOOD	NSW	DALW	285319S	1532434E
DAM WALL	SA	DMW	344530S	1384315E
DARLIMURA	VIC	DARL	382114S	1461255E
DARLING HARBOUR	NSW	DHH	335130S	1511200E
DARWIN RIVER DAM	NT	DND	124930S	1305800E
DAYBORO	QLD	DBO	271200S	1524915E
DAYLESFORD	VIC	DFD	372100S	1440900E
DE GREY HS	WA	DGY	201030S	1191010E
DEDERANG SUBSTATION	VIC	DSS	362712S	1465924E
DEEP WELL	NT	DPW	242130S	1340300E
DELORAINE	TAS	DEL	413200S	1464000E
DENHAM PASSAGE	QLD	DNP	112000S	1432000E
DERWENT BRIDGE	TAS	DWB	420800S	1461400E
DEVILS MARBLES	NT	DVM	203200S	1341500E
DICKY BEACH	QLD	DIBE	264655S	1530820E
DODDS ISLAND	NSW	DODI	281453S	1533201E
DOLLS POINT	NSW	DLPT	335941S	1510853E
DONCASTER SHOPPINGTOWN	VIC	DSN	374700S	1450730E
DONNINGTON AIRPARK	QLD	DOP	193606S	1465030E
DOOMBEN RACECOURSE	QLD	DOOM	272536S	1530412E
DORRIGO	NSW	DRO	302030S	1524245E
DOUBLE CONE ISLAND	QLD	DCIS	200600S	1484300E
DOUBLE ISLAND	QLD	DOU	164330S	1454100E
DOUBLE ISLAND PT	QLD	DLP	255500S	1531100E
DOUBLE PT	QLD	DBPT	115200S	1425400E
DREAMWORLD	QLD	DRLD	275154S	1531900E
DROMANA	VIC	DRM	382000S	1445800E
DROUGHTY PT	TAS	DRP	425600S	1472500E
DROUIN	VIC	DRN	380800S	1455100E
DRY CREEK	SA	DCRK	345000S	1383500E
DUARINGA	QLD	DAG	234314S	1494008E
DUBLIN	SA	DUB	342715S	1382100E
DUNALLEY	TAS	DLY	425330S	1474815E
DUNGOWAN	NSW	DGN	311300S	1510700E
DUNGOWAN DAM	NSW	DUWN	312400S	1512100E
DURI GAP	NSW	DUA	311200S	1504200E
DURI MT	NSW	DMT	311215S	1504350E
DURONG	QLD	DONG	262400S	1511500E
DUTTON	SA	DTON	342200S	1390800E
EAGLE HAWK NECK	TAS	EAN	430100S	1475400E
EARL HILL	QLD	EARH	164800S	1454200E
EARLVILLE	QLD	EARV	165718S	1454418E
EAST ARM	NT	EAM	123100S	1305600E
EAST GRETA	NSW	EGT	324415S	1513215E
EAST PT	NT	ETP	122430S	1304900E
EDDYSTONE PT	TAS	EDP	405954S	1482054E
EDMONDSON PARK STATION	NSW	EMPS	335810S	1505132E
EDMONTON	QLD	EDT	170130S	1454350E
ELDORADO	VIC	ELDO	361840S	1463115E
ELIZABETH DR AND THE NORTHERN RD INT	NSW	EDNR	335157S	1504154E

WAYPOINT	STATE	CODE	LAT	LONG
ELIZABETH RIVER BRIDGE	NT	ERB	123235S	1305830E
EMILY GAP	NT	EMY	234422S	1335633E
ENDEAVOUR REEF	QLD	EDOR	154700S	1453400E
EPIC FARM	NSW	EPFM	284640S	1533305E
EPPING	VIC	EPPG	373835S	1450130E
ERSKINEVILLE OVAL	NSW	ERSK	335408S	1511126E
ETON	QLD	ETON	211600S	1485820E
ETTAMOGAH PUB	NSW	ETTA	355806S	1470030E
EUMUNDI	QLD	EMI	262850S	1525710E
EVERLONG	NSW	EVLO	284637S	1532744E
EWANINGA	NT	EWI	235900S	1335600E
EWEN MADDOCK DAM	QLD	EMD	264640S	1530030E
FALSE CAPE	QLD	FCP	165230S	1455100E
FARRER HIGH SCHOOL	NSW	FHS	310830S	1505900E
FEDERATION PEAK	TAS	FDP	431600S	1462700E
FELTON EAST	QLD	FELT	274800S	1514619E
FERNVALE	QLD	FNVL	272715S	1523910E
FIELD ISLAND	NT	FLDI	120600S	1322300E
FISHERMANS ISLAND	QLD	FISH	272312S	1531036E
FISHERMANS PARADISE	NSW	FSHR	351350S	1502654E
FITNESS CAMP	NSW	FIT	351000S	1473720E
FITZROY ISLAND	QLD	FID	165600S	1455930E
FLEMINGTON	VIC	FGN	374735S	1445440E
FLINDERS PEAK	QLD	FPK	274900S	1524830E
FLYNN	VIC	FYN	381138S	1464024E
FORMARTIN	QLD	FMN	272345S	1512430E
FORRESTDALE LAKE	WA	FDL	320935S	1155550E
FORRESTFIELD	WA	FFLD	315919S	1160104E
FOWLERS BAY	SA	FOWB	315900S	1322600E
FREELING	SA	FRLG	342724S	1384830E
FREEWAY OVERPASS	VIC	FWO	374743S	1445938E
FREMANTLE	WA	FRE	320330S	1154430E
FREMANTLE GOLF COURSE	WA	FREM	320317S	1154625E
FRESHWATER VALLEY	QLD	FRWV	165700S	1454118E
GALGA	SA	GLGA	344300S	1395800E
GALLANGOWAN	QLD	GGN	262558S	1521945E
GALLILEE	QLD	GAE	222300S	1455900E
GAOL WATER TOWER	NT	GWTR	235130S	1334800E
GATE SOUTH	NSW	GST	311725S	1504105E
GATE WEST	NSW	GWT	310115S	1503420E
GATEWAY BRIDGE	QLD	GWB	272645S	1530600E
GAWLER DAM	SA	GWDM	343347S	1384616E
GEMBROOK	VIC	GEK	375700S	1453300E
GEORGES RIVER BRIDGE	NSW	GRB	340012S	1510636E
GEPPS CROSS	SA	GEP	345100S	1383600E
GEROGERY	NSW	GOY	355020S	1465930E
GIBSON REEF	QLD	GNR	171900S	1462100E
GILBERLAND MINE	QLD	GIM	191800S	1433600E
GIRU	QLD	GIRU	193045S	1470620E
GLADESVILLE BRIDGE	NSW	GVB	335030S	1510848E
GLEN BRAY	NSW	GBRY	355530S	1470030E
GLENBURN	VIC	GBR	372530S	1452520E
GLENLOCH INTERCHANGE	NSW	GLEN	351704S	1490506E
GLENMORGAN	QLD	GMN	271500S	1494100E
GLENORCHY	SA	GLC	315500S	1394700E
GLENREAGH	NSW	GRE	300315S	1525840E
GLENROCK HS	QLD	GRK	150700S	1450500E
GLOUCESTER	NSW	GCR	320015S	1515800E

WAYPOINT	STATE	CODE	LAT	LONG
GMH	VIC	GMH	380030S	1451420E
GOLDSMITH ISLAND	QLD	GOI	204100S	1490900E
GOODNA	QLD	GON	273700S	1525315E
GOOGONG RESV	NSW	GGV	352515S	1491540E
GOOMBUNGEE	QLD	GMBG	271830S	1515100E
GOONANEMAN	QLD	GNN	252600S	1520800E
GOONOO GOONOO HS	NSW	GGO	311835S	1505420E
GORDONVALE	QLD	GOV	170520S	1454700E
GOWRIE JUNCTION	QLD	GOW	273000S	1515310E
GRANYA	VIC	GRAA	360640S	1471900E
GRAVELLY BEACH	TAS	GVH	411715S	1465820E
GREEN HILLS	WA	GRHL	315530S	1165730E
GREEN ISLAND (CAIRNS)	QLD	GNIS	164530S	1455830E
GREEN ISLAND (MACKAY)	QLD	GRL	205900S	1490900E
GREENHILL	QLD	GRNH	170224S	1454818E
GREENMOUNT	QLD	GNM	274700S	1515700E
GROSE RIVER	NSW	GRRV	333652S	1504013E
GUNDAGAI	NSW	GDG	350340S	1480610E
GUNN PT	NT	GUP	121100S	1305930E
GUNNING	NSW	GUNN	344654S	1491600E
GUTHALUNGRA	QLD	GUNG	195600S	1475000E
HADSPEN	TAS	HSP	413030S	1470330E
HALL	ACT	HALL	351006S	1490406E
HAMMOND ISLAND	QLD	HMM	103200S	1421300E
HAMPTON	QLD	HMN	272130S	1520400E
HAPPY VALLEY	QLD	HAVY	264828S	1530759E
HARBOUR BRIDGE	NSW	HBB	335112S	1511230E
HAREFIELD	NSW	HAF	345750S	1473100E
HARROGATE	SA	HGTE	345712S	1390106E
HARTLAND HILL	QLD	HART	274047S	1515405E
HARVEY	WA	HARV	330500S	1155400E
HASTINGS	QLD	HSTI	281800S	1451100E
HASTINGS PT	NSW	HASS	282130S	1533448E
HATFIELD	NSW	HATF	334200S	1433900E
HAVANNAH ISLAND	QLD	HVI	185040S	1463220E
HAY PT	QLD	HPT	211640S	1491730E
HAZELWOOD ISLAND	QLD	HAZ	201700S	1490500E
HEATHCOTE TOWNSHIP	VIC	HEAT	365500S	1444200E
HELENA RIVER RESV	WA	HRR	320005S	1161336E
HELENSBURGH	NSW	HNB	341130S	1505830E
HELIDON	QLD	HED	273300S	1520800E
HENLEY JETTY	SA	HNLY	345511S	1382927E
HENTY	NSW	HNTY	353130S	1470200E
HERDSMAN LAKE	WA	HKE	315513S	1154850E
HEXHAM BRIDGE	NSW	HXB	324948S	1514124E
HIGH PERFORMANCE AREA 3	QLD	HIPA	270858S	1535049E
HIGH VOLTAGE	QLD	HVTG	170051S	1454548E
HILTON MINE	QLD	HIM	203400S	1392900E
HINCHINBROOK ISLAND	QLD	HNCH	182200S	1461500E
HINZE DAM WALL	QLD	HDWL	280300S	1531712E
HOBART CBD	TAS	HCTY	425300S	1472000E
HOLBROOK TOWNSHIP	NSW	HBKT	354350S	1471930E
HOLMES REEF	QLD	HOLM	163000S	1480000E
HOMEBUSH	QLD	HBU	211650S	1490300E
HOOD PT	WA	HDP	342300S	1193400E
HOPE INLET	NT	HPI	121940S	1310100E
HOPE VALLEY RESV	SA	HVR	345100S	1384100E
HORDERN HILLS	NT	HORD	203900S	1301900E

WAYPOINT	*STATE*	*CODE*	*LAT*	*LONG*
HORIZONTAL WATERFALLS	WA	HZWF	162300S	1235800E
HORNIBROOK VIADUCT	QLD	HBVT	271626S	1530421E
HORNSBY	NSW	HSY	334130S	1510624E
HOSKINSTOWN	NSW	HST	352520S	1492700E
HOWLONG	NSW	HWG	355835S	1463730E
HOXTON PARK ROAD	NSW	HXPR	335536S	1505149E
HUGH RIVER	NT	HGR	242100S	1332600E
HUME WEIR WALL	VIC	HWW	360640S	1470130E
HUMMOCKY HILLS	TAS	HYH	414400S	1471500E
HUNGERFORD	NSW	HRD	290000S	1442400E
HYDEN	WA	HYDN	322700S	1185200E
INDEE HS	WA	IND	204710S	1183530E
INDIANA	NT	IDNA	232000S	1352600E
INDULKANA TOWNSHIP	SA	IDK	265757S	1331930E
IPPIA HILL	NT	IPHL	250700S	1330300E
ISRAELITE BAY	WA	ISB	333700S	1235300E
JACKO'S JUNCTION	NT	JAC	121548S	1310212E
JACKSON RIVER	QLD	JNR	113500S	1420000E
JACOB'S SUGARLOAF	TAS	JSL	415630S	1471800E
JACOB'S WELL	WA	JACW	320200S	1171200E
JAMES PRICE POINT	WA	JMPP	172906S	1220837E
JARRAHDALE	WA	JADL	322024S	1160430E
JAY CREEK	NT	JCK	234712S	1333000E
JEANNIE RIVER	QLD	JEA	144400S	1445200E
JESSIE GAP	NT	JES	234455S	1340105E
JIBBON PT	NSW	JIBN	340506S	1511012E
JINDERA	NSW	JIA	355730S	1465315E
JONDARYAN	QLD	JDN	272200S	1513515E
JUG CREEK	QLD	JGK	220000S	1444200E
JUMPINPIN	QLD	JPP	274400S	1532700E
JUNEE	NSW	JNEE	345200S	1473500E
JUPITERS CASINO	QLD	JUP	280157S	1532546E
KAIMKILLENBUN	QLD	KKN	270400S	1512600E
KALKALLO	VIC	KAO	373212S	1445642E
KEATS ISLAND	QLD	KTS	94100S	1432700E
KEERWEE	QLD	KERW	251300S	1512100E
KENDALL	QLD	KALL	141200S	1413600E
KESWICK ISLAND	QLD	KSI	205500S	1492500E
KIAMA	NSW	KMA	344000S	1505100E
KIANDRA	NSW	KIAN	355200S	1483000E
KIDSON BLUFF	WA	KDBF	221500S	1250200E
KIEWA	VIC	KIWA	361530S	1470030E
KILCOY TOWNSHIP	QLD	KLCY	265630S	1523350E
KILKIVAN	QLD	KKV	260500S	1521448E
KILMORE	VIC	KIM	371800S	1445715E
KILMORE GAP	VIC	KMG	371800S	1445900E
KILTO	WA	KLTO	174129S	1224249E
KING CASCADES	WA	KCAS	153730S	1251800E
KING RANCH TULLY	QLD	KRT	180500S	1455000E
KINGLAKE	VIC	KGLE	373120S	1452100E
KINGS BEACH	QLD	KBCH	264819S	1530824E
KINGSCLIFF	NSW	KCFF	281500S	1533418E
KINGSTHORPE	QLD	KGT	272840S	1514850E
KINGSTON CENTRE	VIC	KINN	375724S	1450436E
KIRRA	NSW	KIRA	280959S	1533121E
KISSING POINT	QLD	KSPT	191430S	1464820E
KONGWAK	VIC	KNW	383100S	1454300E
KOOLATONG RIVER	NT	KTG	130500S	1353900E

WAYPOINT	STATE	CODE	LAT	LONG
KOOMBOOLOOMBA DAM	QLD	KBD	175000S	1453600E
KOOMOOLOOBOOKA CAVE	SA	KOOM	312900S	1293500E
KOORANA CROCODILE FARM	QLD	KANC	231855S	1504534E
KOOTINGAL	NSW	KOT	310300S	1510300E
KOPPEN PARK	QLD	KOPP	165552S	1454402E
KOREELAH	SA	KREE	355500S	1365500E
KUNWARARA	QLD	KUN	225500S	1500800E
KURANDA	QLD	KRN	164900S	1453815E
KURMOND	NSW	KRMD	333303S	1504114E
KYEAMBA PARK	NSW	KYP	352650S	1473700E
KYEAMBA TOWER	NSW	KYE	353130S	1473530E
KYNETON	VIC	KTN	371450S	1442730E
LADYSMITH	NSW	LDH	351240S	1473100E
LAIDLEY	QLD	LDLY	273800S	1522300E
LAKE AINSWORTH	NSW	LAWT	284701S	1533530E
LAKE ALBERT	NSW	LKT	351040S	1472148E
LAKE AMADEUS	NT	LKAD	243448S	1302742E
LAKE BATHURST	NSW	LBT	350300S	1494100E
LAKE CLARENDON	QLD	LKON	272930S	1522100E
LAKE CORANGAMITE	VIC	LCR	380600S	1433100E
LAKE CURRIMUNDI	QLD	LCDI	264555S	1530812E
LAKE DEANE	NT	LAD	124400S	1310100E
LAKE DISAPPOINTMENT	WA	LDAP	233000S	1224000E
LAKE ECHO	TAS	LKEC	421000S	1463800E
LAKE EPSOM	QLD	LEM	212920S	1485000E
LAKE EYRE NORTH	SA	LEYN	282500S	1371800E
LAKE FINNISS	NT	LFS	122250S	1312830E
LAKE FROME	SA	LFRO	303800S	1395200E
LAKE GEORGE NORTH	NSW	LGGN	345918S	1492330E
LAKE GEORGE SOUTH	NSW	LGGS	351210S	1492430E
LAKE GILLEN	WA	LGEN	261300S	1243600E
LAKE GININDERRA	ACT	LGDA	351400S	1490406E
LAKE HINDMARSH	VIC	LKH	360700S	1415200E
LAKE ILMA	WA	LKIM	291500S	1274600E
LAKE KING	WA	LKG	330500S	1194000E
LAKE MANCHESTER	QLD	LMC	272900S	1524600E
LAKE MAURICE	SA	LME	292400S	1305700E
LAKE MINIGWAL	WA	LMWL	293500S	1231000E
LAKE MOOGERAH	QLD	LOOH	280200S	1523300E
LAKE NEALE	NT	LKNL	241450S	1295759E
LAKE RAESIDE	WA	LRID	293300S	1221800E
LAKE RASON	WA	LRAN	284000S	1241700E
LAKE SURPRISE	NT	LSPR	201400S	1314800E
LAKE THROSSELL	WA	LTL	273800S	1240500E
LAKE TORRENS	SA	LTRR	312518S	1380512E
LAKE WHITE	NT	WITE	210600S	1290300E
LAKE YEO	WA	LYEO	280305S	1243306E
LAKES ENTRANCE	VIC	LKEE	375200S	1480000E
LANCEFIELD	VIC	LCD	371640S	1444340E
LANCELIN TOWNSHIP	WA	LANC	310107S	1151942E
LANGHAM	QLD	LGH	221200S	1500600E
LANGHORNE CREEK	SA	LHCK	351745S	1390240E
LANSDOWNE	WA	LSDW	173654S	1264436E
LATROBE UNIVERSITY	VIC	LUY	374300S	1450300E
LAUDERDALE	TAS	LAUD	425400S	1473000E
LAVERTON	VIC	LVAB	375149S	1444445E
LAVERTON BOM TOWER	VIC	TON	375119S	1444519E
LAWRENCE GORGE	NT	LWG	240100S	1332430E

WAYPOINT	*STATE*	*CODE*	*LAT*	*LONG*
LAYOAK ISLAND	QLD	LAOS	95100S	1431900E
LEE PT	NT	LPT	122000S	1305400E
LEOPOLD	VIC	LPD	381130S	1442800E
LIGHTHORSE INTERCHANGE M7/M4	NSW	LIHR	334753S	1505115E
LILYDALE	TAS	LIY	411500S	1471300E
LINDENOW SOUTH	VIC	LOWS	374942S	1472600E
LINVILLE	QLD	LVE	265100S	1521600E
LITTLE MULGRAVE	QLD	LMGE	170820S	1454330E
LITTLE RIVER MOUTH	VIC	LRM	380025S	1443500E
LOBETHAL	SA	LBET	345400S	1385200E
LOCH SPORT	VIC	LSR	380300S	1473500E
LOGIC CENTRE	VIC	LOGI	360436S	1464306E
LONG REEF	NSW	LRF	334431S	1511917E
LONGFORD CREEK	QLD	LFC	201230S	1482200E
LORNE TOWNSHIP	VIC	LORN	383236S	1435812E
LOW HEAD	TAS	LHD	410400S	1464800E
LOW ISLETS	QLD	LWI	162300S	1453400E
LOW ROCKY PT	TAS	LRP	430000S	1453000E
LOWOOD	QLD	LWD	272800S	1523500E
LUCINDA	QLD	LNDA	183200S	1462000E
LYND RIVER	QLD	LYNR	172400S	1434500E
MACHANS BEACH	QLD	MACB	165100S	1454500E
MACKENZIE RIVER	QLD	MZR	231000S	1493000E
MACKSVILLE	NSW	MKV	304230S	1525455E
MAGILL ESTATE WINERY	SA	MGEW	345512S	1384048E
MAGNESITE MINE	QLD	MAS	225318S	1501100E
MANDORAH	NT	MADO	122630S	1304540E
MANDURAH	WA	MDU	323148S	1154318E
MANGALORE	TAS	MGL	423930S	1471430E
MANGOPLAH	NSW	MOP	352330S	1471430E
MANILLA	NSW	MAL	304500S	1504325E
MANLY	NSW	MNLY	334754S	1511720E
MANLY BOAT HARBOUR	QLD	MBHB	272723S	1531128E
MANTON DAM	NT	MTD	125100S	1310730E
MAREEBA	QLD	MBA	170406S	1452506E
MARIA ISLAND	TAS	MRL	423800S	1480500E
MARINO LIGHT HOUSE	SA	MLIT	350315S	1383045E
MARINO'S QUARRY	QLD	MARQ	165512S	1454337E
MAROUBRA BEACH	NSW	MRBR	335700S	1511524E
MARRAR	NSW	MAR	344930S	1472100E
MARRAWAH	TAS	MARR	405438S	1444227E
MARTHA PT	VIC	MHT	381900S	1445900E
MARY KATHLEEN	QLD	MKN	204700S	1395900E
MARYSVILLE	VIC	MVL	373100S	1454500E
MASTHEAD ISLAND	QLD	MHD	233200S	1514400E
MAURICE HILL	QLD	MRH	235600S	1511500E
MAYDENA	TAS	MAYD	424549S	1463550E
MAYFIELD	NSW	MYF	335745S	1503730E
MAYLANDS POLICE ACADEMY	WA	MAYL	315648S	1155412E
MCGAURAN BEACH	VIC	MGBH	382656S	1470557E
MCLAREN VALE	SA	MVAL	351330S	1383250E
MELBOURNE CBD	VIC	MCTY	374830S	1445730E
MELBOURNE CRICKET GROUND	VIC	MCG	374912S	1445900E
MELTON SOUTH	VIC	MELS	374100S	1443400E
MENANGLE	NSW	MEG	340730S	1504430E
MERION	QLD	MRI	225200S	1490200E
MERRIJIG	VIC	MRJ	370700S	1461500E
MIAREE POOL BRIDGE	WA	MIAR	205100S	1163636E

WAYPOINT	*STATE*	*CODE*	*LAT*	*LONG*
MICHELAGO	NSW	MHGO	354300S	1491000E
MIDGE ISLAND	QLD	MII	204130S	1484540E
MILLS CROSS	NSW	MCRO	352215S	1492529E
MILLSTREAM STN	WA	MSTM	213700S	1170400E
MILPEROO	QLD	MPO	231100S	1411500E
MINJILANG	NT	MIJ	110854S	1323450E
MISSION BEACH	QLD	MISB	175215S	1460625E
MISSION BEACH	QLD	MSC	175300S	1460600E
MITIAMO	VIC	MITI	361242S	1441348E
MOFFAT BEACH	QLD	MFBH	264719S	1530830E
MOFFAT HEAD	QLD	MFH	264723S	1530823E
MOOLOOLABA	QLD	MBH	264200S	1530800E
MOONEE VALLEY RACECOURSE	VIC	MVC	374600S	1445600E
MOONIE	QLD	MIE	274300S	1502200E
MOORE PARK SUPA CENTRE	NSW	MPSC	335410S	1511253E
MORNINGTON	TAS	MORN	425126S	1472443E
MOSS VALE	NSW	MSV	343131S	1502518E
MOSSMAN	QLD	MMA	162730S	1452220E
MOUNT ANNAN GARDENS GREENHOUSE	NSW	MAGG	340404S	1504606E
MOUNT BARKER	SA	BAK	350440S	1385200E
MOUNT BENSTEAD	NT	MBST	233400S	1341630E
MOUNT BLACK	QLD	MBC	191700S	1463330E
MOUNT BLACKWOOD	QLD	MBK	210200S	1485630E
MOUNT BOHLE	QLD	MTBL	191600S	1464120E
MOUNT BOLD RESV	SA	MBR	350715S	1384200E
MOUNT BOYCE	NSW	MTB	333707S	1501627E
MOUNT CARNARVON	QLD	MCAR	245500S	1482300E
MOUNT CHRISTIE	SA	MCHR	303300S	1331300E
MOUNT COMPASS	SA	MCOM	352100S	1383700E
MOUNT COOKE	WA	MTK	322500S	1161824E
MOUNT COOLUM	QLD	MTC	263340S	1530500E
MOUNT CORAMBA	NSW	MTBA	301315S	1530300E
MOUNT COREE	ACT	TCR	351830S	1484835E
MOUNT COTTON	QLD	MCOO	273720S	1531300E
MOUNT COTTRELL	VIC	MCOT	374548S	1443712E
MOUNT DALE	WA	MUE	320736S	1161748E
MOUNT DAY	WA	MDY	320800S	1203000E
MOUNT ELEPHANT	QLD	MELE	162700S	1445600E
MOUNT EVERARD	WA	MEV	251100S	1250400E
MOUNT FUNNEL	QLD	MFN	213730S	1492310E
MOUNT GLORIOUS	QLD	MGLO	272000S	1524600E
MOUNT GRAVATT	QLD	MVT	273300S	1530430E
MOUNT JACKSON HS	WA	MJK	301200S	1190600E
MOUNT KINGSTON	NT	MTKI	252600S	1333800E
MOUNT LION	QLD	MLI	232330S	1501915E
MOUNT LUCY	NT	MLUY	223600S	1333200E
MOUNT MACEDON	VIC	MCD	372230S	1443435E
MOUNT MARIA	QLD	MTMA	272800S	1512900E
MOUNT MOLLOY	QLD	MMY	164040S	1451945E
MOUNT MOOMBIL	NSW	MOB	301902S	1525135E
MOUNT MORGAN	QLD	MGN	233840S	1502330E
MOUNT MUGGA	ACT	MTM	352115S	1490745E
MOUNT NINDERRY	QLD	MIY	263315S	1525930E
MOUNT OORAMINNA	NT	OOR	240530S	1340010E
MOUNT PALERANG	NSW	MPG	352600S	1493600E
MOUNT PIPER	VIC	PIPR	371218S	1450012E
MOUNT PLEASANT	SA	MPT	344630S	1390300E
MOUNT SOMERVILLE RADAR	NSW	SOV	281256S	1532534E

WAYPOINT	*STATE*	*CODE*	*LAT*	*LONG*
MOUNT STEWAN	QLD	MTEW	202200S	1440300E
MOUNT STROMLO	ACT	MUM	351900S	1490030E
MOUNT SYDNEY	WA	MUSD	212400S	1211200E
MOUNT TAYLOR	ACT	MTLR	352224S	1490436E
MOUNT TYSON	QLD	MTY	273500S	1513400E
MOUNT UNDOOLYA	NT	MUO	234420S	1340610E
MOUNT VERNON HS	WA	MVO	241400S	1181400E
MOUNT VICTORIA	NSW	MVI	333500S	1501500E
MOUNT WALKER	QLD	MTWK	274720S	1523326E
MOUNT WARNING	NSW	MTWG	282400S	1531600E
MOUNT WELLINGTON	VIC	MTWN	373336S	1464836E
MOUNT WHEELER	QLD	MWH	231335S	1504059E
MOUNT WILKIE	WA	MWK	205706S	1162506E
MOUNT WYANGAPINNI	QLD	MWYA	273726S	1513610E
MOUTH OF THE BLACK RIVER	QLD	MBKR	191048S	1463912E
MOUTH OF THE BOHLE RIVER	QLD	MBHR	191148S	1464206E
MT MARGARET	QLD	MMT	192100S	1463606E
MUD ISLAND	QLD	MUDI	272000S	1531500E
MUDGEERABA	QLD	MEER	280500S	1532200E
MUIRFIELD GOLF CLUB	NSW	MFGC	334603S	1510059E
MULGOA	NSW	MULG	335052S	1503914E
MULLALOO PT	WA	MUP	314830S	1154330E
MULLEN	QLD	LLN	250212S	1530000E
MULLUMBIMBY	NSW	MBBY	283300S	1533000E
MUNDARING WEIR	WA	MWR	315715S	1160930E
MUNGALLALA	QLD	MAA	262700S	1473300E
MUNIGANEEN MT	QLD	MUNM	272430S	1515230E
MURPHY'S CREEK	QLD	MHY	272745S	1520315E
MURRAY BRIDGE	SA	MBD	350900S	1391833E
MURRAY DOWNS	QLD	MYW	250200S	1391200E
MURRUMBATEMAN	NSW	MMM	345820S	1490130E
MURRURUNDI	NSW	MUI	314600S	1505000E
MURWILLUMBAH	NSW	MUR	281930S	1532350E
MUTARNEE	QLD	MUEE	185700S	1461800E
MYRTLE	QLD	MRTL	194200S	1463200E
NAGAMBIE MINE	VIC	NGBM	364738S	1451355E
NAMBOUR	QLD	NMB	263740S	1525730E
NAMBUCCA HEADS	NSW	NHS	303840S	1530030E
NARA INLET	QLD	NAA	200900S	1485400E
NAROOMA	NSW	NAMA	361200S	1500800E
NARRE WARREN	VIC	NRW	380100S	1451800E
NARROOGAL	QLD	NOOG	101500S	1423000E
NECKARBOO	NSW	NKBO	320400S	1443700E
NEMINGHA	NSW	NEM	310730S	1505930E
NEPEAN BRIDGE	NSW	NPBR	334551S	1503933E
NERANG	QLD	NEN	275915S	1532015E
NEWRYBAR	NSW	NEWB	284355S	1533244E
NGULUPI	QLD	NGI	101436S	1422439E
NIMBIN TV TOWERS	NSW	NTT	283230S	1531730E
NIMROD PASSAGE	QLD	NIM	120600S	1434700E
NINDIGULLY	QLD	NDI	282100S	1484900E
NOARLUNGA	SA	NARL	350830S	1382920E
NOBBYS HEAD	NSW	NBB	325454S	1514724E
NODDY REEF	QLD	NDY	134400S	1434500E
NOME	QLD	NOME	192236S	1465512E
NOONDOO	QLD	NNDO	283700S	1482600E
NOOSA HEADS	QLD	NOSA	262230S	1530700E
NORTH CAMDEN	NSW	NCAM	340112S	1504547E

WAYPOINT	STATE	CODE	LAT	LONG
NORTH EAST QUARRY	VIC	NEQ	375630S	1443500E
NORTH HEAD	NSW	NOHD	334918S	1511730E
NORTH LAKE	WA	NORT	320436S	1154925E
NORTH STAR	NSW	NSTA	285500S	1502500E
NORTHERN TIP BERSERKERS	QLD	NBRR	231643S	1503518E
NORWIN	QLD	NRWN	273330S	1512245E
NUDGEE TIP	QLD	NUDG	272130S	1530530E
NUNAMARA	TAS	NUA	412330S	1471800E
NUNDLE	NSW	NUN	312800S	1510730E
NURIOOTPA	SA	NUPA	342900S	1390000E
NYCHUM	QLD	NCHU	165036S	1442742E
OAKFORD	WA	OAKF	321212S	1155530E
OATLANDS	TAS	OAT	421800S	1472200E
OBSERVATION CITY	WA	OBC	315340S	1154518E
OBSERVATORY HILL	SA	OBSH	285800S	1320000E
OLD BOMBANDY	QLD	OBY	222600S	1483800E
OLD CORK	QLD	OLCO	225600S	1415200E
ORAN PARK	NSW	ONPK	340030S	1504431E
ORCHARD ROCKS	QLD	ORKS	190636S	1465254E
ORFORD NESS	QLD	ORF	111800S	1424900E
OUTER HARBOR	SA	OHB	344630S	1382900E
OVERLANDER	WA	OVL	262400S	1142800E
OWEN	SA	OEN	341612S	1383230E
OWEN SPRINGS	NT	OWS	235230S	1332820E
OXENFORD	QLD	OFD	275300S	1531900E
PALM COVE	QLD	PCVE	164500S	1454000E
PALM FARM	QLD	PFRM	170236S	1454542E
PALM MEADOWS	QLD	PLW	280200S	1522430E
PALUMA DAM	QLD	PLU	185720S	1460840E
PARADISE GARDENS	QLD	SFG	280105S	1532230E
PARK RIDGE WATER TOWER	QLD	PKR	274216S	1530220E
PARKHURST	QLD	PRKH	231815S	1503050E
PARRAMATTA	NSW	PRT	334900S	1510018E
PATONGA	NSW	PAA	333306S	1511545E
PEACOCK	QLD	PECO	184100S	1455900E
PEAK DOWNS MINE	QLD	PDNE	221500S	1481100E
PEARSON ISLES	SA	PEAR	335700S	1341600E
PELICAN CREEK	QLD	PCCK	251400S	1505400E
PENNANT HILLS STROBE	NSW	PENH	334424S	1510412E
PENRITH	NSW	PENT	334530S	1504200E
PERCIVAL LAKES	WA	PVS	213448S	1240936E
PEREGIAN	QLD	PEG	263100S	1530600E
PERSEVERENCE CREEK DAM	QLD	PCKD	271820S	1520715E
PERTH CITY	WA	PCTY	315716S	1155125E
PETRIE	QLD	PTI	271600S	1525830E
PICKERING BROOK GOLF COURSE	WA	PIB	320215S	1160642E
PICKET HILL	NSW	PIL	303415S	1525900E
PICNIC BAY	QLD	PCA	191100S	1465100E
PICNIC PT	NSW	PNP	335848S	1510006E
PICTON	NSW	PIC	341030S	1503700E
PIGGERY	NSW	PIG	360045S	1464730E
PINE PT	SA	PIPT	343400S	1375300E
PINGARING	WA	PING	324530S	1183730E
PIRATE POINT	QLD	PII	233030S	1503830E
PITTSWORTH	QLD	PWH	274315S	1513800E
POINT ORMOND	VIC	PTOM	375300S	1445900E
POINT STEPHENS LIGHTHOUSE	NSW	PSS	324445S	1521230E
PORPOISE PT	QLD	PRP	275611S	1532531E

WAYPOINT	*STATE*	*CODE*	*LAT*	*LONG*
PORT ADELAIDE	SA	PAL	345100S	1383000E
PORT ALMA	QLD	PMA	233500S	1505130E
PORT CAMPBELL	VIC	POMP	383712S	1425942E
PORT DAVEY	TAS	PDV	432000S	1455300E
PORT DOUGLAS	QLD	PTD	162900S	1452750E
PORT JULIA	SA	PJUL	344000S	1375240E
PORT MUSGRAVE	QLD	PMG	120000S	1415600E
PORT NEILL	SA	PNE	340700S	1362100E
PORT NOARLUNGA	SA	PNL	350900S	1382800E
PORT PHILLIP HEADS	VIC	PIPS	381736S	1443800E
PORT VINCENT	SA	PVCT	344654S	1375139E
POWERHOUSE	WA	POWR	320543S	1154524E
POWERLINE CROSSING	VIC	PWLC	373645S	1444640E
PRESCOTT LAKES	WA	PRES	204500S	1251000E
PRIMROSE SANDS	TAS	PRS	425300S	1474000E
PRINCESS CHARLOTTE BAY	QLD	PCB	142000S	1440700E
PROSPECT RESV	NSW	PSP	334900S	1505500E
PROSSERS SUGARLOAF	TAS	PSF	424030S	1474930E
PROSTON	QLD	PSTO	261000S	1513600E
PT DANGER	NSW	DNGR	280954S	1533306E
PT FAWCETT	NT	FAW	114800S	1300100E
PUMPHREY'S BRIDGE	WA	PMPH	324000S	1165400E
PURLINGBROOKE FALLS	QLD	PBF	281000S	1531600E
PURRAWUNDA	QLD	PWDA	273220S	1513730E
PUTTY	NSW	PUTY	325800S	1504500E
PYALONG	VIC	PYA	370700S	1445118E
PYKES CREEK RESV	VIC	PYK	373600S	1441740E
QUAIL ISLAND	QLD	QAI	220800S	1500000E
QUEANBEYAN	NSW	QBN	352133S	1491433E
QUEBEC ONE	QLD	Q1	280024S	1532549E
QUEENSLAND SAC	QLD	QSAC	273330S	1530346E
QUINALOW	QLD	QLW	270620S	1513715E
QUIRINDI	NSW	QNDI	312926S	1503050E
RABBIT ISLAND	QLD	RIL	205000S	1485400E
RABY BAY	QLD	RBY	273100S	1531630E
RADAR SITE	QLD	RDRS	191200S	1464600E
RADIO TELESCOPE	TAS	RADT	424900S	1472700E
RAINE ISLAND	QLD	RAIS	113600S	1440200E
RANNES	QLD	RNN	240600S	1500700E
RAPID BAY	SA	RAPD	353118S	1381100E
RATHDOWNEY	QLD	RTY	281300S	1525200E
RATTLESNAKE ISLAND	QLD	RKI	190200S	1463640E
RED CLIFFS	VIC	RCS	341800S	1421300E
RED HILL	QLD	RDHI	213800S	1480300E
RED ROCK	NSW	RER	295910S	1531330E
REDCLIFFE BRIDGE	WA	REDC	315548S	1155618E
REDCLIFFE VALE HS	QLD	RDV	210700S	1480700E
REDFERN RAILWAY STATION	NSW	REDF	335331S	1511155E
REDLAND BAY	QLD	REDB	273600S	1531800E
REDLYNCH	QLD	REDL	165300S	1454200E
RENNER SPRINGS	NT	RENR	181900S	1334800E
RESEARCH CENTRE	NT	RESC	144651S	1315611E
REVESBY STATION	NSW	REVS	335709S	1510054E
RICHMOND	TAS	RCH	424400S	1472600E
RING TANK	QLD	RIT	264500S	1530530E
RIVER MOUTH	SA	RMH	343500S	1382130E
RIVERINA CAMPUS	NSW	RIV	350320S	1472045E
RIVERTON	SA	RVTN	340954S	1384448E

WAYPOINT	STATE	CODE	LAT	LONG
ROBINA TOWN CENTRE	QLD	ROTC	280438S	1532307E
ROCKBANK	VIC	ROK	374340S	1443912E
ROCKINGHAM	WA	ROHM	321731S	1154429E
ROLEYSTONE	WA	RLY	320700S	1160430E
ROLLINGSTONE	QLD	RGS	190250S	1462315E
ROOKWOOD CEMETERY	NSW	RKWC	335230S	1510318E
ROSEHILL RACECOURSE	NSW	RSH	334930S	1510130E
ROSEVILLE BRIDGE	NSW	RVB	334600S	1511200E
ROSEWOOD	QLD	RSWD	273810S	1523535E
ROSEWOOD ISLAND	QLD	RSEW	222400S	1494400E
ROSS RIVER DAM	QLD	RRDM	192440S	1464400E
ROSSLYNNE RESV	VIC	RLR	372810S	1443350E
ROUND MT	QLD	RMT	192740S	1464140E
RUSH CUTTERS BAY	NSW	RCB	335225S	1511356E
RUSSELL	WA	RUSS	321111S	1160032E
RUSSELL ISLAND	QLD	RUIS	274000S	1532300E
RYDE BRIDGE	NSW	RYB	334930S	1510530E
SADDLE MT	QLD	SADD	164912S	1453900E
SALTWATER	NSW	SALT	285531S	1532900E
SAMSONVALE	QLD	SSV	271640S	1525115E
SANCTUARY COVE	QLD	SAU	275130S	1532230E
SANDALWOOD	SA	SALW	345700S	1400800E
SANDERSTON	SA	SSTO	344436S	1391506E
SANDGATE PIER	QLD	SAND	271942S	1530516E
SANDY PT	VIC	SDP	382500S	1451400E
SANTA TERESA	NT	STT	240800S	1342222E
SARAJI	QLD	SJI	222600S	1481700E
SARINA	QLD	SRIN	212530S	1491300E
SAVAGE RIVER	TAS	SVR	413500S	1450800E
SAWTELL	NSW	SWTE	302200S	1530600E
SAWYERS VALLEY	WA	SWY	315415S	1161215E
SCOTT CREEK	NT	STC	145000S	1315000E
SCOTTSDALE	TAS	STTE	411000S	1473100E
SEA CLIFF BRIDGE	NSW	SECF	341510S	1505831E
SECOND VALLEY	SA	SVAL	353100S	1381300E
SELLICKS BEACH	SA	SLB	352030S	1382700E
SEVEN HILLS TRAIN STATION	NSW	SITS	334628S	1505612E
SHAUNA DOWNS	QLD	SDS	243700S	1495500E
SHAW CREEK	NT	SHCR	251300S	1294347E
SHAW ISLAND	QLD	SHI	203048S	1490512E
SHELBURNE BAY	QLD	SHL	115300S	1430100E
SHELLEY BRIDGE	WA	SEL	320130S	1155400E
SHOAL	VIC	SHOL	380400S	1450200E
SHUTE ISLAND	QLD	SHUI	201747S	1484804E
SIMPSONS GAP	NT	SSG	234045S	1334300E
SKIPTON	VIC	SKP	374100S	1432200E
SLADE POINT	QLD	SLPT	210354S	1491330E
SLOPING HUMMOCK	QLD	SGK	245100S	1522600E
SLOPING ISLAND	TAS	SLP	425652S	1473855E
SMITHFIELD	QLD	SMIF	165000S	1454100E
SNOWY INTERSECTION	NSW	SYI	351100S	1475206E
SOFALA	NSW	SOFA	330100S	1494100E
SOLDIERS POINT	NSW	SRP	324200S	1520345E
SOLWAY PASSAGE	QLD	SLWP	201742S	1490355E
SOMERSET DAM	QLD	SMD	270715S	1523300E
SOMERTON	NSW	SMN	305630S	1503812E
SORELL	TAS	SORL	424700S	1473500E
SOUTH EAST CAPE	TAS	SEC	433900S	1464900E

WAYPOINT	*STATE*	*CODE*	*LAT*	*LONG*
SOUTH MISSION BEACH	QLD	SMIB	175654S	1460530E
SOUTH PARA RESERVOIR	SA	SPR	344100S	1385200E
SOUTH PINNACLE	QLD	SPN	192430S	1463800E
SOUTHEDGE	QLD	SDG	164900S	1451300E
SOUTHERN TIP BERSERKERS	QLD	SBRR	232400S	1503730E
SOUTHPORT	QLD	SPT	275500S	1532220E
SOUTHPORT ROAD	NT	STR	123900S	1304630E
SPIT BRIDGE	NSW	SPIT	334810S	1511446E
SPLIT ROCK RESV	NSW	SRR	303430S	1504200E
SPLIT SOLITARY ISLAND	NSW	SOI	301430S	1531045E
SPRING MOUNTAIN	QLD	SPMT	274247S	1525308E
SPRINGBROOK	QLD	SBK	281355S	1531640E
ST GEORGES MINE	QLD	SGM	163000S	1442400E
ST HELENA ISLAND	QLD	SHIS	272242S	1531400E
ST HELENS SKATE PARK	NSW	SSKP	340607S	1504814E
ST IVES SHOWGROUND	NSW	SIS	334218S	1511100E
ST KILDA	SA	SKI	344430S	1383150E
STANSBURY	SA	SRY	345440S	1374720E
STANWELL PARK	NSW	SLL	341342S	1505920E
STANWELL POWER STN	QLD	SPS	233000S	1502000E
STATION PIER	VIC	SNP	375055S	1445550E
STEPHENSONS PEAK	NT	STPK	253000S	1301100E
STONEY CREEK	QLD	SCRK	165242S	1453918E
STORY BRIDGE	QLD	SBD	272755S	1530215E
STOTTS ISLAND	NSW	STOT	281609S	1533003E
STRATHALBYN	SA	SYN	351530S	1385340E
STRATHFINELLA	QLD	SFE	232100S	1433300E
STRATHGORDON	TAS	STRA	424600S	1460212E
STRELLEY HS	WA	SLY	202630S	1185900E
STROUD ROAD	NSW	SRO	322048S	1515506E
STUART	QLD	SUA	192100S	1465000E
STUMERS CREEK	QLD	STUM	263110S	1530508E
STURT INTERSECTION	NSW	SUI	351312S	1474736E
SUBSTATION	SA	SUB	344412S	1384247E
SUGAR TERMINAL	QLD	SUTR	165630S	1454600E
SUGARLOAF MT	NSW	SLMT	312600S	1505230E
SUGARLOAF PT	NSW	SUG	322640S	1523225E
SUGARLOAF RESERVOIR	VIC	SGSV	374030S	1451800E
SUGARWORLD	QLD	SWLD	170100S	1454354E
SUN ZINC REFINERY	QLD	SUNZ	192000S	1465312E
SUNBURY	VIC	SBU	373500S	1444330E
SUNBURY WATER TANK	VIC	SWT	373252S	1444129E
SURBITON	QLD	SBIT	230900S	1463700E
SURFER'S PARADISE	QLD	SUPA	280000S	1532600E
SUTHERLAND	NSW	SUD	340218S	1510320E
SUTHERLANDS	SA	SHER	340900S	1391400E
SUTTON ROAD OVERPASS	NSW	SUE	351100S	1491530E
SUTTONS BEACH	QLD	SBCH	271405S	1530655E
SYDNEY CBD	NSW	SCTY	335200S	1511200E
SYDNEY CRICKET GROUND	NSW	SCG	335330S	1511324E
SYDNEY HEADS	NSW	SYHD	335000S	1511730E
SYMMONS PLAINS	TAS	SYP	413915S	1471500E
TABULAM	NSW	TBL	285312S	1523407E
TALC HEAD	NT	TCH	122845S	1304600E
TALLANGATTA	VIC	TLAG	361300S	1471030E
TALLANGATTA CAUSEWAY	VIC	TLY	361250S	1471445E
TALLARINGA WELL	SA	TRWL	290200S	1331700E
TALLAROOK	VIC	TLK	370600S	1450600E

WAYPOINT	STATE	CODE	LAT	LONG
TAMAR ISLAND	TAS	TID	412300S	1470500E
TANGORIN	QLD	TGN	214400S	1441200E
TANUNDA	SA	TUND	343200S	1385800E
TARAGO	NSW	TAGO	350411S	1493917E
TARCOWIE	SA	TOWI	325700S	1383100E
TARCUTTA	NSW	TRT	351648S	1474420E
TARGA GAP	TAS	TAP	411841S	1472204E
TARGET	QLD	TAR	273650S	1530738E
TARLEE	SA	TLEE	341630S	1384606E
TASMAN BRIDGE	TAS	TAS	425200S	1472100E
TELEGRAPH OFFICE	QLD	CKO	191400S	1452900E
TEMPLE BAY	QLD	TPL	121600S	1430900E
TERRANORA LAKES COUNTRY CLUB	QLD	TLC	281254S	1532825E
TEWANTIN	QLD	TWT	262400S	1530200E
THARWA	ACT	THAW	353030S	1490400E
THE CORNER	QLD	TCNR	191930S	1464342E
THE GUMS	SA	THUM	335000S	1392000E
THE GUMS HS	SA	TGU	335100S	1392100E
THE LAKES MINE	WA	TLMI	315154S	1162130E
THE OAKS	NSW	THK	340440S	1503440E
THE PINES	QLD	PIN	280830S	1532800E
THE ROCK	NSW	RCK	351630S	1470415E
THE STAMFORD (HOTEL)	NSW	APST	335552S	1511108E
THE WHARF	VIC	WHF	380600S	1443200E
THEEBINE	QLD	THB	255700S	1523300E
THOMPSON 1	QLD	THSM	170044S	1454506E
THOMSONS LAKE	WA	TOML	320906S	1155006E
THORNTON	QLD	TORN	274900S	1522300E
THORNTON GAP	QLD	TNP	192130S	1462742E
TIMBERTOP	QLD	TBRT	165730S	1454820E
TINGALPA RESERVOIR	QLD	TING	273225S	1531001E
TOM PRICE	WA	TMPT	224142S	1174730E
TONGUE POINT	QLD	TGPT	201417S	1490121E
TOOBORAC	VIC	TOO	370300S	1444800E
TOOLLEEN	VIC	TLN	364300S	1444100E
TOOMULLA	QLD	TOOU	190500S	1462800E
TOORONGA	VIC	TOGA	375051S	1450250E
TOWRANA HS	WA	TOWA	252600S	1151400E
TREVALLYN DAM	TAS	TVM	412715S	1470515E
TRINITY BEACH	QLD	TRIN	164700S	1454200E
TRURO	SA	TRUO	342442S	1390712E
TUCKER	QLD	TKER	242900S	1491200E
TUCKERS KNOB	NSW	TUK	302036S	1525850E
TUGGERANONG TOWN CENTRE	ACT	TGC	352500S	1490400E
TUMBULGUM	NSW	TUMB	281642S	1532800E
TURTLE BAY	QLD	TTLB	201855S	1485949E
TURTLE PT	NT	TTLE	145100S	1291500E
TWO RN	NSW	TWRN	335632S	1505308E
TWO ROCKS	WA	TOS	312930S	1153500E
UKEREBAGH ISLAND	NSW	UKER	281050S	1533246E
ULLADULLA	NSW	UDA	352100S	1502900E
UNDEMOW WATERHOLE	NT	UNDW	173500S	1351500E
UNI OF QLD ST LUCIA	QLD	UQLD	272951S	1530048E
UPPER SWAN	WA	USW	314618S	1160100E
URANGAN	QLD	URAN	251700S	1525400E
URANQUINTY	NSW	URA	351130S	1471445E
URRBRAE AGRICULTURAL HIGH SCHOOL	SA	URC	345800S	1383730E
URUNGA	NSW	URU	302930S	1530100E

WAYPOINT	STATE	CODE	LAT	LONG
VEHICLE TESTING GROUND	VIC	VTG	375300S	1442500E
VELODROME	SA	VELO	345034S	1383640E
VICTORIA BRIDGE	NSW	VCBR	334446S	1504056E
VICTORIA PARK	SA	VICP	345600S	1383715E
VOKES HILL	SA	VOKH	282900S	1303500E
VPH	WA	VPH	315642S	1155733E
WAIGEN LAKES	WA	WGL	273700S	1284700E
WAITE CAMPUS	SA	WTC	345812S	1383808E
WALKERSTON	QLD	WKT	210945S	1490350E
WALLABADAH	NSW	WBH	313218S	1504930E
WALLAN	VIC	WAN	372430S	1445836E
WALLANGARRA	NSW	WGR	285500S	1515600E
WALLAROO	SA	WRO	335600S	1373800E
WALLUMBILLA	QLD	WMB	263500S	1491100E
WALPOLE	WA	WPE	345900S	1164400E
WALTER TAYLOR BRIDGE	QLD	WTBG	273020S	1525826E
WANDANDIAN	NSW	WDN	350500S	1503100E
WANDERING	WA	WAND	324030S	1164000E
WANGETTI	QLD	WAT	163954S	1453400E
WANTABADGERY	NSW	WAG	350330S	1474320E
WAROONA	WA	WRNA	325030S	1155500E
WARRAGAMBA DAM	NSW	WAD	335306S	1503530E
WARRAL SILO	NSW	WASL	310900S	1505130E
WARRANDYTE	VIC	WRD	374500S	1451230E
WARREN RESERVOIR	SA	WRR	344230S	1385600E
WARWICK FARM	NSW	WFM	335440S	1505645E
WATERFALL	NSW	WFL	340810S	1505930E
WAYSIDE	NT	WAYS	153432S	1310225E
WEALWANDANGIE	QLD	WWN	242500S	1480300E
WELLCAMP DOWNS	QLD	WCP	273300S	1515100E
WELLINGTON PT	QLD	WELL	272808S	1531431E
WELLSHOT	QLD	WLS	235400S	1442600E
WELSHPOOL	VIC	WELS	383954S	1462618E
WERRIBEE RACECOURSE	VIC	WBER	375400S	1443830E
WERRIBEE SOUTH	VIC	WBES	375836S	1444118E
WERRIS CREEK	NSW	WEK	312127S	1503900E
WEST ARM	NT	WSM	123300S	1304720E
WEST BASS	VIC	WEBS	393000S	1410000E
WEST GAP	TAS	WTG	412040S	1464630E
WEST LAGOON	TAS	WSN	413610S	1470140E
WEST PT	QLD	WEP	190740S	1464640E
WESTERN FREEWAY	QLD	WNFE	273430S	1525642E
WESTGATE BRIDGE	VIC	WES	374947S	1445347E
WESTMAR	QLD	WMR	275500S	1494300E
WESTMEAD	NSW	WST	334812S	1505912E
WETHERBY	QLD	WTB	213000S	1425000E
WHIM CREEK	WA	WHM	205000S	1175000E
WHITE ROCK	QLD	WTRK	184619S	1464306E
WHITEWOOD	QLD	WHW	212900S	1433600E
WHITTLESEA	VIC	WTS	373100S	1450700E
WICKHAM PT	NT	WIKP	123016S	1305139E
WILD HORSE PLAINS	SA	WHPL	342136S	1381718E
WILLEROO	NT	WILE	151701S	1313356E
WILLIAMSTOWN	VIC	WMS	375210S	1445440E
WILLIE CREEK	WA	WICK	174500S	1221230E
WIMMERA	NSW	WIE	310930S	1504900E
WIRRADGURIE	NSW	WDU	315400S	1520400E
WISEMANS FERRY	NSW	WSFR	332248S	1505916E

WAYPOINT	*STATE*	*CODE*	*LAT*	*LONG*
WITHNELL BAY	WA	WTHB	203448S	1164712E
WIVENHOE DAM WALL	QLD	WHDW	272340S	1523630E
WOLLONGBAR	NSW	WOBR	284911S	1532522E
WOODBROOK	WA	WBK	205440S	1170700E
WOODGATE	QLD	WOT	250700S	1523400E
WOODLANDS GOLF COURSE	VIC	WOOS	375948S	1450600E
WOODMAN PT	WA	WMP	320830S	1154400E
WOODY PT	QLD	WYPT	271553S	1530611E
WOOLGOOLGA	NSW	WGG	300645S	1531200E
WOOLLAMIA	NSW	WOI	350111S	1503937E
WOOMANOOKA	QLD	WNK	134400S	1413500E
WOOMARGAMA	NSW	WAM	355000S	1471455E
WOORIM	QLD	WRM	270439S	1531211E
WORONORA CEMETERY	NSW	WORC	340159S	1510304E
WUNDOWIE	WA	WUN	314600S	1162236E
WUNGONG RESERVOIR	WA	WUNG	321206S	1160346E
WYMAH FERRY	NSW	WMF	360230S	1471545E
WYREEMA	QLD	WYR	273900S	1515130E
YAAMBA	QLD	YMA	230800S	1502200E
YABULU	QLD	YBU	191250S	1463550E
YACKANDANDAH	VIC	YKH	361842S	1465030E
YALBOROO	QLD	ALBO	205000S	1483900E
YAN YEAN RESV	VIC	YYN	373330S	1450815E
YANDARAN	QLD	ANDA	244300S	1520700E
YANDINA	QLD	YNA	263350S	1525720E
YANGEBUP LAKE	WA	YGB	320713S	1155000E
YARINGA YACHT MARINA	VIC	YYM	381450S	1451503E
YARRABAH	QLD	YBH	165500S	1455300E
YASS TOWNSHIP	NSW	ASST	345100S	1485500E
YORK TOWNSHIP	WA	ORKT	315300S	1164600E
YORKEYS KNOB	QLD	YKS	164835S	1454330E
YORNANING TOWNSHIP	WA	ORNN	324400S	1171000E
YULABILLA	QLD	ULAB	270400S	1494200E
YURARABA	QLD	URAR	282000S	1512400E
ZUIZIN ISLAND	QLD	ZIN	100600S	1432000E

VFR WAYPOINTS - DECODED

CODE	WAYPOINT	STATE
ABKL	ABM KILTO	WA
ACE	ACADEMY	VIC
ACLD	ACLAND	QLD
ACTY	ADELAIDE CBD	SA
ADB	ADELAIDE RIVER BRIDGE	NT
ADI	ADMIRALTY ISLAND	QLD
ADRM	ADELAIDE RIVER MOUTH	NT
ADWD	ADVENTURE WORLD	WA
AEN	ARDENT	QLD
AKMW	ALKIMOS WATER	WA
ALBA	ALOOMBA	QLD
ALBO	YALBOROO	QLD
ALEC	AUSTRALIAN LIVESTOCK EQUINE CENT	NSW
ALOA	ALTONA	VIC
ALON	ALAWOONA	SA
ALTS	ALTONA SOUTH	VIC
ANA	ANNA BAY	NSW
ANDA	YANDARAN	QLD
ANG	ANGLESEA	VIC
ANI	ACHERON ISLAND	QLD
ANP	ANTILL PLAINS	QLD
ANPL	ANNA PLAINS	WA
AOG	ADELONG	NSW
APL	ALBERT PARK LAKE	VIC
APM	ANM PAPER MILL	NSW
APPN	APPIN	NSW
APST	THE STAMFORD (HOTEL)	NSW
ARCD	ARCADIA HS	QLD
ASFK	ABEAM SUFFOLK PARK	NSW
ASST	YASS TOWNSHIP	NSW
ASU	ARUNDEL SUBSTATION	NSW
ATG	ATTUNGA	NSW
ATN	ATHERTON	QLD
ATV	ATV10	VIC
AVCA	AVOCA	TAS
AVNL	AVENEL	VIC
AWP	ARROWSMITH PT	NT
BADA	BABINDA	QLD
BAK	MOUNT BARKER	SA
BANG	BANGALOW	NSW
BARB	BARBAGALLO RACEWAY	WA
BATB	BATEMANS BAY	NSW
BAW	BAYWEST	VIC
BAXT	BRANXTON	NSW
BBAY	BYRON BAY	NSW
BBBG	BRIBIE BRIDGE	QLD
BBG	BROOKLYN BRIDGE	NSW
BBH	BOTANY BAY HEADS	NSW
BBI	BRIBIE ISLAND	QLD
BCH	BEECHWORTH	VIC
BCM	BEACHMERE	QLD
BCT	BLACK MT	QLD
BCTY	BRISBANE CBD	QLD
BDF	BROADFORD	VIC
BDGE	BIDGEE 2	ACT
BDH	BUNDAGEN HEAD	NSW
BDT	BARANDUDA TOWERS	VIC
BDTN	BIDDESTON	QLD
BDWD	BIRDWOOD	SA
BEE	BERILEE	NSW
BEN	BUNGENDORE	NSW
BENT	BEECHMONT	QLD
BENV	BEN NEVIS	TAS
BESI	BESSIE POINT	QLD
BGN	BOGANTUNGAN	QLD
BHCP	BARN HILL CARAVAN PARK	WA
BIBA	BINGIL BAY	QLD
BIDG	BIDGEE 1	ACT
BIV	BECTIVE HS	NSW
BJK	BURRINJUCK	NSW
BKD	BUCKLAND	TAS
BKHR	BAULKHAM HILLS RESERVOIR	NSW
BKIS	BLACKSMITH ISLAND	QLD
BKM	BLACK MT	ACT
BKRL	BAKER LAKE	WA
BLEP	BUNNINGS LEPPINGTON	NSW
BLGH	BURLEIGH HEADS	QLD
BLHS	BALD HILLS MAST	QLD
BLIC	BLI BLI CASTLE	QLD
BLIG	BELLINGEN	NSW
BLR	BELLBROOK	NSW
BLTB	BOLTE BRIDGE	VIC
BMK	BURRUMBUTTOCK	NSW
BMP	BACCHUS MARSH TOWNSHIP	VIC
BNCG	BRISBANE CRICKET GROUND	QLD
BND	BENDEMEER	NSW
BNE	BATMAN BRIDGE	TAS
BNG	BONEGILLA	VIC
BOA	BALMORAL	VIC
BOAR	BORUMBA RESV	QLD
BOAT	BOATYARD	WA
BODD	BODDINGTON	WA
BONG	BONGAREE	QLD
BOON	BOONDALL ENTERTAINMENT CENTRE	QLD
BORQ	BORAL QUARRIES	NSW
BOV	BOWRAVILLE	NSW
BOW	BOWNA	NSW
BOWB	BOWEN BRIDGE	TAS
BOWN	BOWEN	QLD
BPI	BRAMPTON ISLAND	QLD
BPK	BUCKLAND PARK WEATHER RADAR	SA
BPN	BARWON PRISON	VIC
BRAK	BREAKWATER	NSW
BRGE	BARRON GORGE	QLD
BRH	BRUNSWICK HEADS	NSW
BRI	BROUGHTON ISLAND	NSW
BRIN	BRINSMEAD	QLD
BRNJ	BARRENJOEY HEAD	NSW
BROD	BROADWATER	NSW
BRR	BARRINGUN	NSW

CODE	WAYPOINT	STATE
BRY	BRINGELLY	NSW
BSL	BARNES HILL	QLD
BSP	BOND SPRINGS	NT
BTI	BATHURST ISLAND	NT
BTJ	BRIGHTON JETTY	SA
BTM	BOAT HARBOUR	TAS
BTO	BRIGHTON	VIC
BTON	BROOKTON	WA
BUB	BURNS BEACH	WA
BUCN	BUCHANAN HILLS	NT
BUCP	BUCHAN PT	QLD
BUG	BUNGIL BRIDGE	VIC
BUGA	BURRAGA	NSW
BURN	BURNS POINT FERRY	NSW
BURR	BURRA	SA
BUVY	BOND UNIVERSITY	QLD
BVG	BEVERIDGE	VIC
BWKS	BRICKWORKS	NSW
BWL	BOWRAL	NSW
BWMS	BOWMANS	SA
BWV	BOWENVILLE	QLD
BYFD	BYFORD	WA
BYN	BROOKLYN	VIC
BYNO	BYNOE HARBOUR	NT
BYRK	BYROCK	NSW
BZA	BREEZA	NSW
CABO	CABOOLTURE	QLD
CAJE	CAPE JERVIS	SA
CAKE	CAPE KEITH	NT
CALN	CALEN	QLD
CALT	CALTEX REFINERY	QLD
CAMB	CAMPBELLTOWN UNIVERSITY	NSW
CAO	CEDUNA OBSERVATORY	SA
CAPS	CAPE BANKS	NSW
CAPT	CAPTAINS FLAT	NSW
CARE	CARDINIA RESV	VIC
CARIN	CARINDALE SHOPPING CENTRE	QLD
CARR	CARRUM	VIC
CASO	CASUARINA OVAL	NSW
CAST	CASTLE TOWERS	NSW
CAU	CARAMUT	VIC
CAV	CANNONVALE	QLD
CBI	COLBINABBIN	VIC
CBLT	CABLEWAY TERMINAL	QLD
CBRA	CAMBRAI	SA
CBRG	CENTENARY BRIDGE	QLD
CBV	CRAIGBOURNE RESV	TAS
CBY	CANTERBURY RACECOURSE	NSW
CBYC	COOBY CREEK RESV	QLD
CCL	CAPE CLEVELAND	QLD
CCN	CULCAIRN	NSW
CCP	CECIL PLAINS	QLD
CDM	CANNING DAM	WA
CDNA	CARDONA	QLD
CEN	CLEVEDON	QLD
CERB	CERBERUS	VIC
CES	CRESSY	TAS
CFCR	CARLINGFORD CORNER	NSW
CFI	CLIFFY ISLAND	VIC
CGB	CRAIGIEBURN OVERPASS	VIC
CGD	CUDGEN HEADLAND	NSW
CGE	COLLINGULLIE	NSW
CGF	CAPE GRAFTON	QLD
CGH	CLONAGH STN	QLD
CGM	CONDONG MILL	NSW
CGR	CAPE GAMBIER	NT
CHAP	CHARLES PT	NT
CHAT	CHATSWOOD CBD	NSW
CHI	CHANNEL ISLAND	NT
CHN	CHILTERN	VIC
CHOC	CHOCOLATE FACTORY	TAS
CIB	CHIPBOARD FACTORY	NSW
CIDI	CID ISLAND	QLD
CIK	CARRICK	TAS
CIS	COOK ISLAND	NSW
CJN	CONARA JUNCTION	TAS
CKO	TELEGRAPH OFFICE	QLD
CKT	COCKATOO	VIC
CLJ	CASTLE JUNCTION	TAS
CLLN	CAMPBELLTOWN	TAS
CLMN	COOLAMON	NSW
CLOY	CLONEYS CREEK	QLD
CLS	CLIFTON SPRINGS	VIC
CLUN	CLUNES	NSW
CLVT	CALVERT	QLD
CMB	CAPE LAMBERT	WA
CMDR	COOLMUNDA RESV	QLD
CML	CRADLE MOUNTAIN LODGE	TAS
CNB	CANNING BRIDGE	WA
CNT	CROWS NEST	QLD
CNTH	CHOPPERS NORTH	NSW
COBA	COBAKI	NSW
CONG	COMERONG ISLAND	NSW
COOL	COOLUM HI-RISE	QLD
CORK	CORAKI	NSW
CORO	COOROY	QLD
COSS	COSSACK	WA
COTR	COTTER	ACT
COWI	COW ISLAND	QLD
COWR	COWWARR	VIC
CPA	CAMPANIA	TAS
CPH	CAPE HILLSBOROUGH	QLD
CPHE	CAPE RICHE	WA
CPIT	CECIL PARK INTERSECTION OF M12 AND M7	NSW
CPL	COPPERLODE DAM	QLD
CPLD	CAPE PORTLAND	TAS
CPMN	CAPE MORETON	QLD
CPNG	COPPINS CROSSING	ACT
CPY	CAPE CONWAY	QLD
CRAY	CRAYFISH	SA
CRDZ	CALOUNDRA DROPZONE	QLD
CREM	CREMORNE	TAS
CRPC	CROPPA CREEK	NSW
CRPT	CASTLEREAGH POINT	QLD

CODE	WAYPOINT	STATE
CRSC	CROSSROADS SHOPPING CENTRE	NSW
CRST	CAMPBELLTOWN RAILWAY STATION	NSW
CSTH	CHOPPERS SOUTH	NSW
CTE	COTTESLOE	WA
CTT	CASTLE PT	NT
CUL	CRONULLA	NSW
CVD	CLEVELAND	QLD
CVR	CORIN RESV	ACT
CWK	CRESWICK	VIC
CWST	CHOPPERS WEST	NSW
CYB	CITY BEACH	WA
CYM	CHAFFEY DAM	NSW
DAG	DUARINGA	QLD
DAIN	DAINTREE	QLD
DALW	DALWOOD	NSW
DARL	DARLIMURA	VIC
DBO	DAYBORO	QLD
DBPT	DOUBLE PT	QLD
DCIS	DOUBLE CONE ISLAND	QLD
DCRK	DRY CREEK	SA
DEL	DELORAINE	TAS
DFD	DAYLESFORD	VIC
DGN	DUNGOWAN	NSW
DGY	DE GREY HS	WA
DHH	DARLING HARBOUR	NSW
DIBE	DICKY BEACH	QLD
DLMO	DALMORE DOWNS	NT
DLP	DOUBLE ISLAND PT	QLD
DLPT	DOLLS POINT	NSW
DLY	DUNALLEY	TAS
DMT	DURI MT	NSW
DMW	DAM WALL	SA
DND	DARWIN RIVER DAM	NT
DNGR	PT DANGER	NSW
DNP	DENHAM PASSAGE	QLD
DODI	DODDS ISLAND	NSW
DONG	DURONG	QLD
DOOM	DOOMBEN RACECOURSE	QLD
DOP	DONNINGTON AIRPARK	QLD
DOU	DOUBLE ISLAND	QLD
DPW	DEEP WELL	NT
DRLD	DREAMWORLD	QLD
DRM	DROMANA	VIC
DRN	DROUIN	VIC
DRO	DORRIGO	NSW
DRP	DROUGHTY PT	TAS
DSN	DONCASTER SHOPPINGTOWN	VIC
DSS	DEDERANG SUBSTATION	VIC
DTON	DUTTON	SA
DUA	DURI GAP	NSW
DUB	DUBLIN	SA
DUWN	DUNGOWAN DAM	NSW
DVM	DEVILS MARBLES	NT
DWB	DERWENT BRIDGE	TAS
EAM	EAST ARM	NT
EAN	EAGLE HAWK NECK	TAS
EARH	EARL HILL	QLD
EARV	EARLVILLE	QLD
EDNR	ELIZABETH DR AND THE NORTHERN RD INT	NSW
EDOR	ENDEAVOUR REEF	QLD
EDP	EDDYSTONE PT	TAS
EDT	EDMONTON	QLD
EGT	EAST GRETA	NSW
ELDO	ELDORADO	VIC
EMD	EWEN MADDOCK DAM	QLD
EMI	EUMUNDI	QLD
EMPS	EDMONDSON PARK STATION	NSW
EMY	EMILY GAP	NT
EPFM	EPIC FARM	NSW
EPPG	EPPING	VIC
ERB	ELIZABETH RIVER BRIDGE	NT
ERSK	ERSKINEVILLE OVAL	NSW
ETON	ETON	QLD
ETP	EAST PT	NT
ETTA	ETTAMOGAH PUB	NSW
EVLO	EVERLONG	NSW
EWI	EWANINGA	NT
FAW	PT FAWCETT	NT
FCP	FALSE CAPE	QLD
FDL	FORRESTDALE LAKE	WA
FDP	FEDERATION PEAK	TAS
FELT	FELTON EAST	QLD
FFLD	FORRESTFIELD	WA
FGN	FLEMINGTON	VIC
FHS	FARRER HIGH SCHOOL	NSW
FID	FITZROY ISLAND	QLD
FISH	FISHERMANS ISLAND	QLD
FIT	FITNESS CAMP	NSW
FLDI	FIELD ISLAND	NT
FMN	FORMARTIN	QLD
FNVL	FERNVALE	QLD
FOWB	FOWLERS BAY	SA
FPK	FLINDERS PEAK	QLD
FRE	FREMANTLE	WA
FREM	FREMANTLE GOLF COURSE	WA
FRLG	FREELING	SA
FRWV	FRESHWATER VALLEY	QLD
FSHR	FISHERMANS PARADISE	NSW
FWO	FREEWAY OVERPASS	VIC
FYN	FLYNN	VIC
GAE	GALLILEE	QLD
GBR	GLENBURN	VIC
GBRY	GLEN BRAY	NSW
GCR	GLOUCESTER	NSW
GDG	GUNDAGAI	NSW
GEK	GEMBROOK	VIC
GEP	GEPPS CROSS	SA
GGN	GALLANGOWAN	QLD
GGO	GOONOO GOONOO HS	NSW
GGV	GOOGONG RESV	NSW
GIM	GILBERLAND MINE	QLD
GIRU	GIRU	QLD
GLC	GLENORCHY	SA

CODE	WAYPOINT	STATE	CODE	WAYPOINT	STATE
GLEN	GLENLOCH INTERCHANGE	NSW	HNLY	HENLEY JETTY	SA
GLGA	GALGA	SA	HNTY	HENTY	NSW
GMBG	GOOMBUNGEE	QLD	HOLM	HOLMES REEF	QLD
GMH	GMH	VIC	HORD	HORDERN HILLS	NT
GMN	GLENMORGAN	QLD	HPI	HOPE INLET	NT
GNIS	GREEN ISLAND (CAIRNS)	QLD	HPT	HAY PT	QLD
GNM	GREENMOUNT	QLD	HRD	HUNGERFORD	NSW
GNN	GOONANEMAN	QLD	HRR	HELENA RIVER RESV	WA
GNR	GIBSON REEF	QLD	HSP	HADSPEN	TAS
GOI	GOLDSMITH ISLAND	QLD	HST	HOSKINSTOWN	NSW
GON	GOODNA	QLD	HSTI	HASTINGS	QLD
GOV	GORDONVALE	QLD	HSY	HORNSBY	NSW
GOW	GOWRIE JUNCTION	QLD	HVI	HAVANNAH ISLAND	QLD
GOY	GEROGERY	NSW	HVR	HOPE VALLEY RESV	SA
GRAA	GRANYA	VIC	HVTG	HIGH VOLTAGE	QLD
GRB	GEORGES RIVER BRIDGE	NSW	HWG	HOWLONG	NSW
GRE	GLENREAGH	NSW	HWW	HUME WEIR WALL	VIC
GRHL	GREEN HILLS	WA	HXB	HEXHAM BRIDGE	NSW
GRK	GLENROCK HS	QLD	HXPR	HOXTON PARK ROAD	NSW
GRL	GREEN ISLAND (MACKAY)	QLD	HYDN	HYDEN	WA
GRNH	GREENHILL	QLD	HYH	HUMMOCKY HILLS	TAS
GRRV	GROSE RIVER	NSW	HZWF	HORIZONTAL WATERFALLS	WA
GST	GATE SOUTH	NSW	IDK	INDULKANA TOWNSHIP	SA
GUNG	GUTHALUNGRA	QLD	IDNA	INDIANA	NT
GUNN	GUNNING	NSW	IND	INDEE HS	WA
GUP	GUNN PT	NT	IPHL	IPPIA HILL	NT
GVB	GLADESVILLE BRIDGE	NSW	ISB	ISRAELITE BAY	WA
GVH	GRAVELLY BEACH	TAS	JAC	JACKO'S JUNCTION	NT
GWB	GATEWAY BRIDGE	QLD	JACW	JACOB'S WELL	WA
GWDM	GAWLER DAM	SA	JADL	JARRAHDALE	WA
GWT	GATE WEST	NSW	JCK	JAY CREEK	NT
GWTR	GAOL WATER TOWER	NT	JDN	JONDARYAN	QLD
HAF	HAREFIELD	NSW	JEA	JEANNIE RIVER	QLD
HALL	HALL	ACT	JES	JESSIE GAP	NT
HART	HARTLAND HILL	QLD	JGK	JUG CREEK	QLD
HARV	HARVEY	WA	JIA	JINDERA	NSW
HASS	HASTINGS PT	NSW	JIBN	JIBBON PT	NSW
HATF	HATFIELD	NSW	JMPP	JAMES PRICE POINT	WA
HAVY	HAPPY VALLEY	QLD	JNEE	JUNEE	NSW
HAZ	HAZELWOOD ISLAND	QLD	JNR	JACKSON RIVER	QLD
HBB	HARBOUR BRIDGE	NSW	JPP	JUMPINPIN	QLD
HBKT	HOLBROOK TOWNSHIP	NSW	JSL	JACOB'S SUGARLOAF	TAS
HBU	HOMEBUSH	QLD	JUP	JUPITERS CASINO	QLD
HBVT	HORNIBROOK VIADUCT	QLD	KALK	BASS STRAIT	TAS
HCTY	HOBART CBD	TAS	KALL	KENDALL	QLD
HDP	HOOD PT	WA	KANC	KOORANA CROCODILE FARM	QLD
HDWL	HINZE DAM WALL	QLD	KAO	KALKALLO	VIC
HEAT	HEATHCOTE TOWNSHIP	VIC	KBCH	KINGS BEACH	QLD
HED	HELIDON	QLD	KBD	KOOMBOOLOOMBA DAM	QLD
HGR	HUGH RIVER	NT	KCAS	KING CASCADES	WA
HGTE	HARROGATE	SA	KCFF	KINGSCLIFF	NSW
HIM	HILTON MINE	QLD	KDBF	KIDSON BLUFF	WA
HIPA	HIGH PERFORMANCE AREA 3	QLD	KERW	KEERWEE	QLD
HKE	HERDSMAN LAKE	WA	KGLE	KINGLAKE	VIC
HMM	HAMMOND ISLAND	QLD	KGT	KINGSTHORPE	QLD
HMN	HAMPTON	QLD	KIAN	KIANDRA	NSW
HNB	HELENSBURGH	NSW	KIM	KILMORE	VIC
HNCH	HINCHINBROOK ISLAND	QLD	KINN	KINGSTON CENTRE	VIC

CODE	WAYPOINT	STATE
KIRA	KIRRA	NSW
KIWA	KIEWA	VIC
KKN	KAIMKILLENBUN	QLD
KKV	KILKIVAN	QLD
KLCY	KILCOY TOWNSHIP	QLD
KLTO	KILTO	WA
KMA	KIAMA	NSW
KMG	KILMORE GAP	VIC
KNO	ABEAM KUNOTH	NT
KNW	KONGWAK	VIC
KOOM	KOOMOOLOOBOOKA CAVE	SA
KOPP	KOPPEN PARK	QLD
KOT	KOOTINGAL	NSW
KREE	KOREELAH	SA
KRMD	KURMOND	NSW
KRN	KURANDA	QLD
KRT	KING RANCH TULLY	QLD
KSI	KESWICK ISLAND	QLD
KSPT	KISSING POINT	QLD
KTG	KOOLATONG RIVER	NT
KTN	KYNETON	VIC
KTS	KEATS ISLAND	QLD
KUN	KUNWARARA	QLD
KYE	KYEAMBA TOWER	NSW
KYP	KYEAMBA PARK	NSW
LAD	LAKE DEANE	NT
LANC	LANCELIN TOWNSHIP	WA
LAOS	LAYOAK ISLAND	QLD
LAUD	LAUDERDALE	TAS
LAWT	LAKE AINSWORTH	NSW
LBET	LOBETHAL	SA
LBT	LAKE BATHURST	NSW
LCD	LANCEFIELD	VIC
LCDI	LAKE CURRIMUNDI	QLD
LCR	LAKE CORANGAMITE	VIC
LDAP	LAKE DISAPPOINTMENT	WA
LDH	LADYSMITH	NSW
LDLY	LAIDLEY	QLD
LEM	LAKE EPSOM	QLD
LEYN	LAKE EYRE NORTH	SA
LFC	LONGFORD CREEK	QLD
LFRO	LAKE FROME	SA
LFS	LAKE FINNISS	NT
LGDA	LAKE GININDERRA	ACT
LGEN	LAKE GILLEN	WA
LGGN	LAKE GEORGE NORTH	NSW
LGGS	LAKE GEORGE SOUTH	NSW
LGH	LANGHAM	QLD
LHCK	LANGHORNE CREEK	SA
LHD	LOW HEAD	TAS
LIHR	LIGHTHORSE INTERCHANGE M7/M4	NSW
LIY	LILYDALE	TAS
LKAD	LAKE AMADEUS	NT
LKEC	LAKE ECHO	TAS
LKEE	LAKES ENTRANCE	VIC
LKG	LAKE KING	WA
LKH	LAKE HINDMARSH	VIC
LKIM	LAKE ILMA	WA
LKNL	LAKE NEALE	NT
LKON	LAKE CLARENDON	QLD
LKT	LAKE ALBERT	NSW
LLN	MULLEN	QLD
LMC	LAKE MANCHESTER	QLD
LME	LAKE MAURICE	SA
LMGE	LITTLE MULGRAVE	QLD
LMWL	LAKE MINIGWAL	WA
LNDA	LUCINDA	QLD
LOGI	LOGIC CENTRE	VIC
LOOH	LAKE MOOGERAH	QLD
LORN	LORNE TOWNSHIP	VIC
LOWS	LINDENOW SOUTH	VIC
LPD	LEOPOLD	VIC
LPT	LEE PT	NT
LRAN	LAKE RASON	WA
LRF	LONG REEF	NSW
LRID	LAKE RAESIDE	WA
LRM	LITTLE RIVER MOUTH	VIC
LRP	LOW ROCKY PT	TAS
LSDW	LANSDOWNE	WA
LSPR	LAKE SURPRISE	NT
LSR	LOCH SPORT	VIC
LTL	LAKE THROSSELL	WA
LTRR	LAKE TORRENS	SA
LUY	LATROBE UNIVERSITY	VIC
LVAB	LAVERTON	VIC
LVE	LINVILLE	QLD
LWD	LOWOOD	QLD
LWG	LAWRENCE GORGE	NT
LWI	LOW ISLETS	QLD
LYEO	LAKE YEO	WA
LYNR	LYND RIVER	QLD
MAA	MUNGALLALA	QLD
MACB	MACHANS BEACH	QLD
MADO	MANDORAH	NT
MAGG	MOUNT ANNAN GARDENS GREENHOUSE	NSW
MAL	MANILLA	NSW
MAR	MARRAR	NSW
MARQ	MARINO'S QUARRY	QLD
MARR	MARRAWAH	TAS
MAS	MAGNESITE MINE	QLD
MAYD	MAYDENA	TAS
MAYL	MAYLANDS POLICE ACADEMY	WA
MBA	MAREEBA	QLD
MBBY	MULLUMBIMBY	NSW
MBC	MOUNT BLACK	QLD
MBD	MURRAY BRIDGE	SA
MBH	MOOLOOLABA	QLD
MBHB	MANLY BOAT HARBOUR	QLD
MBHR	MOUTH OF THE BOHLE RIVER	QLD
MBK	MOUNT BLACKWOOD	QLD
MBKR	MOUTH OF THE BLACK RIVER	QLD
MBR	MOUNT BOLD RESV	SA
MBST	MOUNT BENSTEAD	NT
MCAR	MOUNT CARNARVON	QLD

CODE	WAYPOINT	STATE
MCD	MOUNT MACEDON	VIC
MCG	MELBOURNE CRICKET GROUND	VIC
MCHR	MOUNT CHRISTIE	SA
MCOM	MOUNT COMPASS	SA
MCOO	MOUNT COTTON	QLD
MCOT	MOUNT COTTRELL	VIC
MCRO	MILLS CROSS	NSW
MCTY	MELBOURNE CBD	VIC
MDU	MANDURAH	WA
MDY	MOUNT DAY	WA
MEER	MUDGEERABA	QLD
MEG	MENANGLE	NSW
MELE	MOUNT ELEPHANT	QLD
MELS	MELTON SOUTH	VIC
MEV	MOUNT EVERARD	WA
MFBH	MOFFAT BEACH	QLD
MFGC	MUIRFIELD GOLF CLUB	NSW
MFH	MOFFAT HEAD	QLD
MFN	MOUNT FUNNEL	QLD
MGBH	MCGAURAN BEACH	VIC
MGEW	MAGILL ESTATE WINERY	SA
MGL	MANGALORE	TAS
MGLO	MOUNT GLORIOUS	QLD
MGN	MOUNT MORGAN	QLD
MHD	MASTHEAD ISLAND	QLD
MHGO	MICHELAGO	NSW
MHT	MARTHA PT	VIC
MHY	MURPHY'S CREEK	QLD
MIAR	MIAREE POOL BRIDGE	WA
MIE	MOONIE	QLD
MII	MIDGE ISLAND	QLD
MIJ	MINJILANG	NT
MISB	MISSION BEACH	QLD
MITI	MITIAMO	VIC
MIY	MOUNT NINDERRY	QLD
MJK	MOUNT JACKSON HS	WA
MKN	MARY KATHLEEN	QLD
MKV	MACKSVILLE	NSW
MLI	MOUNT LION	QLD
MLIT	MARINO LIGHT HOUSE	SA
MLUY	MOUNT LUCY	NT
MMA	MOSSMAN	QLD
MMM	MURRUMBATEMAN	NSW
MMT	MT MARGARET	QLD
MMY	MOUNT MOLLOY	QLD
MNLY	MANLY	NSW
MOB	MOUNT MOOMBIL	NSW
MOP	MANGOPLAH	NSW
MORN	MORNINGTON	TAS
MPG	MOUNT PALERANG	NSW
MPO	MILPEROO	QLD
MPSC	MOORE PARK SUPA CENTRE	NSW
MPT	MOUNT PLEASANT	SA
MRBR	MAROUBRA BEACH	NSW
MRH	MAURICE HILL	QLD
MRI	MERION	QLD
MRJ	MERRIJIG	VIC
MRL	MARIA ISLAND	TAS
MRTL	MYRTLE	QLD
MSC	MISSION BEACH	QLD
MSTM	MILLSTREAM STN	WA
MSV	MOSS VALE	NSW
MTB	MOUNT BOYCE	NSW
MTBA	MOUNT CORAMBA	NSW
MTBL	MOUNT BOHLE	QLD
MTC	MOUNT COOLUM	QLD
MTD	MANTON DAM	NT
MTEW	MOUNT STEWAN	QLD
MTK	MOUNT COOKE	WA
MTKI	MOUNT KINGSTON	NT
MTLR	MOUNT TAYLOR	ACT
MTM	MOUNT MUGGA	ACT
MTMA	MOUNT MARIA	QLD
MTWG	MOUNT WARNING	NSW
MTWK	MOUNT WALKER	QLD
MTWN	MOUNT WELLINGTON	VIC
MTY	MOUNT TYSON	QLD
MUDI	MUD ISLAND	QLD
MUE	MOUNT DALE	WA
MUEE	MUTARNEE	QLD
MUI	MURRURUNDI	NSW
MULG	MULGOA	NSW
MUM	MOUNT STROMLO	ACT
MUNM	MUNIGANEEN MT	QLD
MUO	MOUNT UNDOOLYA	NT
MUP	MULLALOO PT	WA
MUR	MURWILLUMBAH	NSW
MUSD	MOUNT SYDNEY	WA
MVAL	MCLAREN VALE	SA
MVC	MOONEE VALLEY RACECOURSE	VIC
MVI	MOUNT VICTORIA	NSW
MVL	MARYSVILLE	VIC
MVO	MOUNT VERNON HS	WA
MVT	MOUNT GRAVATT	QLD
MWH	MOUNT WHEELER	QLD
MWK	MOUNT WILKIE	WA
MWR	MUNDARING WEIR	WA
MWYA	MOUNT WYANGAPINNI	QLD
MYF	MAYFIELD	NSW
MYW	MURRAY DOWNS	QLD
MZR	MACKENZIE RIVER	QLD
NAA	NARA INLET	QLD
NAMA	NAROOMA	NSW
NARL	NOARLUNGA	SA
NBB	NOBBYS HEAD	NSW
NBRR	NORTHERN TIP BERSERKERS	QLD
NCAM	NORTH CAMDEN	NSW
NCHU	NYCHUM	QLD
NDI	NINDIGULLY	QLD
NDY	NODDY REEF	QLD
NEM	NEMINGHA	NSW
NEN	NERANG	QLD
NEQ	NORTH EAST QUARRY	VIC
NEWB	NEWRYBAR	NSW

CODE	WAYPOINT	STATE
NGBM	NAGAMBIE MINE	VIC
NGI	NGULUPI	QLD
NHS	NAMBUCCA HEADS	NSW
NIM	NIMROD PASSAGE	QLD
NKBO	NECKARBOO	NSW
NMB	NAMBOUR	QLD
NNDO	NOONDOO	QLD
NOHD	NORTH HEAD	NSW
NOME	NOME	QLD
NOOG	NARROOGAL	QLD
NORT	NORTH LAKE	WA
NOSA	NOOSA HEADS	QLD
NPBR	NEPEAN BRIDGE	NSW
NRW	NARRE WARREN	VIC
NRWN	NORWIN	QLD
NSTA	NORTH STAR	NSW
NTT	NIMBIN TV TOWERS	NSW
NUA	NUNAMARA	TAS
NUDG	NUDGEE TIP	QLD
NUN	NUNDLE	NSW
NUPA	NURIOOTPA	SA
OAKF	OAKFORD	WA
OAT	OATLANDS	TAS
OBC	OBSERVATION CITY	WA
OBSH	OBSERVATORY HILL	SA
OBY	OLD BOMBANDY	QLD
OEN	OWEN	SA
OFD	OXENFORD	QLD
OHB	OUTER HARBOR	SA
OLCO	OLD CORK	QLD
ONPK	ORAN PARK	NSW
OOR	MOUNT OORAMINNA	NT
ORF	ORFORD NESS	QLD
ORKS	ORCHARD ROCKS	QLD
ORKT	YORK TOWNSHIP	WA
ORNN	YORNANING TOWNSHIP	WA
OVL	OVERLANDER	WA
OWS	OWEN SPRINGS	NT
PAA	PATONGA	NSW
PAL	PORT ADELAIDE	SA
PBF	PURLINGBROOKE FALLS	QLD
PCA	PICNIC BAY	QLD
PCB	PRINCESS CHARLOTTE BAY	QLD
PCCK	PELICAN CREEK	QLD
PCKD	PERSEVERENCE CREEK DAM	QLD
PCTY	PERTH CITY	WA
PCVE	PALM COVE	QLD
PDNE	PEAK DOWNS MINE	QLD
PDV	PORT DAVEY	TAS
PEAR	PEARSON ISLES	SA
PECO	PEACOCK	QLD
PEG	PEREGIAN	QLD
PENH	PENNANT HILLS STROBE	NSW
PENT	PENRITH	NSW
PFRM	PALM FARM	QLD
PIB	PICKERING BROOK GOLF COURSE	WA
PIC	PICTON	NSW
PIG	PIGGERY	NSW
PII	PIRATE POINT	QLD
PIL	PICKET HILL	NSW
PIN	THE PINES	QLD
PING	PINGARING	WA
PIPR	MOUNT PIPER	VIC
PIPS	PORT PHILLIP HEADS	VIC
PIPT	PINE PT	SA
PJUL	PORT JULIA	SA
PKR	PARK RIDGE WATER TOWER	QLD
PLU	PALUMA DAM	QLD
PLW	PALM MEADOWS	QLD
PMA	PORT ALMA	QLD
PMG	PORT MUSGRAVE	QLD
PMPH	PUMPHREY'S BRIDGE	WA
PNE	PORT NEILL	SA
PNL	PORT NOARLUNGA	SA
PNP	PICNIC PT	NSW
POMP	PORT CAMPBELL	VIC
POWR	POWERHOUSE	WA
PRES	PRESCOTT LAKES	WA
PRKH	PARKHURST	QLD
PRP	PORPOISE PT	QLD
PRS	PRIMROSE SANDS	TAS
PRT	PARRAMATTA	NSW
PSF	PROSSERS SUGARLOAF	TAS
PSP	PROSPECT RESV	NSW
PSS	POINT STEPHENS LIGHTHOUSE	NSW
PSTO	PROSTON	QLD
PTD	PORT DOUGLAS	QLD
PTI	PETRIE	QLD
PTOM	POINT ORMOND	VIC
PUTY	PUTTY	NSW
PVCT	PORT VINCENT	SA
PVS	PERCIVAL LAKES	WA
PWDA	PURRAWUNDA	QLD
PWH	PITTSWORTH	QLD
PWLC	POWERLINE CROSSING	VIC
PYA	PYALONG	VIC
PYK	PYKES CREEK RESV	VIC
Q1	QUEBEC ONE	QLD
QAI	QUAIL ISLAND	QLD
QBN	QUEANBEYAN	NSW
QLW	QUINALOW	QLD
QNDI	QUIRINDI	NSW
QSAC	QUEENSLAND SAC	QLD
RADT	RADIO TELESCOPE	TAS
RAIS	RAINE ISLAND	QLD
RAPD	RAPID BAY	SA
RBY	RABY BAY	QLD
RCB	RUSH CUTTERS BAY	NSW
RCH	RICHMOND	TAS
RCK	THE ROCK	NSW
RCS	RED CLIFFS	VIC
RCSE	CANBERRA RACECOURSE	ACT
RDHI	RED HILL	QLD
RDRS	RADAR SITE	QLD

CODE	WAYPOINT	STATE	CODE	WAYPOINT	STATE
RDV	REDCLIFFE VALE HS	QLD	SHCR	SHAW CREEK	NT
REDB	REDLAND BAY	QLD	SHER	SUTHERLANDS	SA
REDC	REDCLIFFE BRIDGE	WA	SHI	SHAW ISLAND	QLD
REDF	REDFERN RAILWAY STATION	NSW	SHIS	ST HELENA ISLAND	QLD
REDL	REDLYNCH	QLD	SHL	SHELBURNE BAY	QLD
RENR	RENNER SPRINGS	NT	SHOL	SHOAL	VIC
RER	RED ROCK	NSW	SHOP	ARMADALE SHOPS	WA
RESC	RESEARCH CENTRE	NT	SHUI	SHUTE ISLAND	QLD
REVS	REVESBY STATION	NSW	SIS	ST IVES SHOWGROUND	NSW
RGS	ROLLINGSTONE	QLD	SITS	SEVEN HILLS TRAIN STATION	NSW
RIL	RABBIT ISLAND	QLD	SJI	SARAJI	QLD
RIT	RING TANK	QLD	SKI	ST KILDA	SA
RIV	RIVERINA CAMPUS	NSW	SKP	SKIPTON	VIC
RKI	RATTLESNAKE ISLAND	QLD	SLB	SELLICKS BEACH	SA
RKWC	ROOKWOOD CEMETERY	NSW	SLL	STANWELL PARK	NSW
RLR	ROSSLYNNE RESV	VIC	SLMT	SUGARLOAF MT	NSW
RLY	ROLEYSTONE	WA	SLP	SLOPING ISLAND	TAS
RMH	RIVER MOUTH	SA	SLPT	SLADE POINT	QLD
RMT	ROUND MT	QLD	SLWP	SOLWAY PASSAGE	QLD
RNN	RANNES	QLD	SLY	STRELLEY HS	WA
ROHM	ROCKINGHAM	WA	SMD	SOMERSET DAM	QLD
ROK	ROCKBANK	VIC	SMIB	SOUTH MISSION BEACH	QLD
ROTC	ROBINA TOWN CENTRE	QLD	SMIF	SMITHFIELD	QLD
RRDM	ROSS RIVER DAM	QLD	SMN	SOMERTON	NSW
RSEW	ROSEWOOD ISLAND	QLD	SNP	STATION PIER	VIC
RSH	ROSEHILL RACECOURSE	NSW	SOFA	SOFALA	NSW
RSWD	ROSEWOOD	QLD	SOI	SPLIT SOLITARY ISLAND	NSW
RTY	RATHDOWNEY	QLD	SORL	SORELL	TAS
RUIS	RUSSELL ISLAND	QLD	SOV	MOUNT SOMERVILLE RADAR	NSW
RUSS	RUSSELL	WA	SPIT	SPIT BRIDGE	NSW
RVB	ROSEVILLE BRIDGE	NSW	SPMT	SPRING MOUNTAIN	QLD
RVTN	RIVERTON	SA	SPN	SOUTH PINNACLE	QLD
RYB	RYDE BRIDGE	NSW	SPR	SOUTH PARA RESERVOIR	SA
SADD	SADDLE MT	QLD	SPS	STANWELL POWER STN	QLD
SALT	SALTWATER	NSW	SPT	SOUTHPORT	QLD
SALW	SANDALWOOD	SA	SRIN	SARINA	QLD
SAND	SANDGATE PIER	QLD	SRO	STROUD ROAD	NSW
SAU	SANCTUARY COVE	QLD	SRP	SOLDIERS POINT	NSW
SBCH	SUTTONS BEACH	QLD	SRR	SPLIT ROCK RESV	NSW
SBD	STORY BRIDGE	QLD	SRY	STANSBURY	SA
SBIT	SURBITON	QLD	SSG	SIMPSONS GAP	NT
SBK	SPRINGBROOK	QLD	SSKP	ST HELENS SKATE PARK	NSW
SBRR	SOUTHERN TIP BERSERKERS	QLD	SSTO	SANDERSTON	SA
SBU	SUNBURY	VIC	SSV	SAMSONVALE	QLD
SCG	SYDNEY CRICKET GROUND	NSW	STC	SCOTT CREEK	NT
SCRK	STONEY CREEK	QLD	STOT	STOTTS ISLAND	NSW
SCTY	SYDNEY CBD	NSW	STPK	STEPHENSONS PEAK	NT
SDG	SOUTHEDGE	QLD	STR	SOUTHPORT ROAD	NT
SDP	SANDY PT	VIC	STRA	STRATHGORDON	TAS
SDS	SHAUNA DOWNS	QLD	STT	SANTA TERESA	NT
SEC	SOUTH EAST CAPE	TAS	STTE	SCOTTSDALE	TAS
SECF	SEA CLIFF BRIDGE	NSW	STUM	STUMERS CREEK	QLD
SEL	SHELLEY BRIDGE	WA	SUA	STUART	QLD
SFE	STRATHFINELLA	QLD	SUB	SUBSTATION	SA
SFG	PARADISE GARDENS	QLD	SUD	SUTHERLAND	NSW
SGK	SLOPING HUMMOCK	QLD	SUE	SUTTON ROAD OVERPASS	NSW
SGM	ST GEORGES MINE	QLD	SUG	SUGARLOAF PT	NSW
SGSV	SUGARLOAF RESERVOIR	VIC	SUI	STURT INTERSECTION	NSW

CODE	WAYPOINT	STATE
SUNZ	SUN ZINC REFINERY	QLD
SUPA	SURFER'S PARADISE	QLD
SUTR	SUGAR TERMINAL	QLD
SVAL	SECOND VALLEY	SA
SVR	SAVAGE RIVER	TAS
SWLD	SUGARWORLD	QLD
SWT	SUNBURY WATER TANK	VIC
SWTE	SAWTELL	NSW
SWY	SAWYERS VALLEY	WA
SYHD	SYDNEY HEADS	NSW
SYI	SNOWY INTERSECTION	NSW
SYN	STRATHALBYN	SA
SYP	SYMMONS PLAINS	TAS
TAGO	TARAGO	NSW
TAP	TARGA GAP	TAS
TAR	TARGET	QLD
TAS	TASMAN BRIDGE	TAS
TBL	TABULAM	NSW
TBRT	TIMBERTOP	QLD
TCH	TALC HEAD	NT
TCNR	THE CORNER	QLD
TCR	MOUNT COREE	ACT
TGC	TUGGERANONG TOWN CENTRE	ACT
TGN	TANGORIN	QLD
TGPT	TONGUE POINT	QLD
TGU	THE GUMS HS	SA
THAW	THARWA	ACT
THB	THEEBINE	QLD
THK	THE OAKS	NSW
THSM	THOMPSON 1	QLD
THUM	THE GUMS	SA
TID	TAMAR ISLAND	TAS
TING	TINGALPA RESERVOIR	QLD
TKER	TUCKER	QLD
TLAG	TALLANGATTA	VIC
TLC	TERRANORA LAKES COUNTRY CLUB	QLD
TLEE	TARLEE	SA
TLK	TALLAROOK	VIC
TLMI	THE LAKES MINE	WA
TLN	TOOLLEEN	VIC
TLY	TALLANGATTA CAUSEWAY	VIC
TMPT	TOM PRICE	WA
TNP	THORNTON GAP	QLD
TOGA	TOORONGA	VIC
TOML	THOMSONS LAKE	WA
TON	LAVERTON BOM TOWER	VIC
TOO	TOOBORAC	VIC
TOOU	TOOMULLA	QLD
TORN	THORNTON	QLD
TOS	TWO ROCKS	WA
TOWA	TOWRANA HS	WA
TOWI	TARCOWIE	SA
TPL	TEMPLE BAY	QLD
TRIN	TRINITY BEACH	QLD
TRT	TARCUTTA	NSW
TRUO	TRURO	SA
TRWL	TALLARINGA WELL	SA
TTLB	TURTLE BAY	QLD
TTLE	TURTLE PT	NT
TUK	TUCKERS KNOB	NSW
TUMB	TUMBULGUM	NSW
TUND	TANUNDA	SA
TVM	TREVALLYN DAM	TAS
TVT	ABM TV TOWERS	QLD
TWRN	TWO RN	NSW
TWT	TEWANTIN	QLD
UDA	ULLADULLA	NSW
UKER	UKEREBAGH ISLAND	NSW
ULAB	YULABILLA	QLD
UNDW	UNDEMOW WATERHOLE	NT
UQLD	UNI OF QLD ST LUCIA	QLD
URA	URANQUINTY	NSW
URAN	URANGAN	QLD
URAR	YURARABA	QLD
URC	URRBRAE AGRICULTURAL HIGH SCHOOL	SA
URG	BURBONG	NSW
URU	URUNGA	NSW
USW	UPPER SWAN	WA
VCBR	VICTORIA BRIDGE	NSW
VELO	VELODROME	SA
VICP	VICTORIA PARK	SA
VOKH	VOKES HILL	SA
VPH	VPH	WA
VTG	VEHICLE TESTING GROUND	VIC
WAD	WARRAGAMBA DAM	NSW
WAG	WANTABADGERY	NSW
WAM	WOOMARGAMA	NSW
WAN	WALLAN	VIC
WAND	WANDERING	WA
WASL	WARRAL SILO	NSW
WAT	WANGETTI	QLD
WAYS	WAYSIDE	NT
WBER	WERRIBEE RACECOURSE	VIC
WBES	WERRIBEE SOUTH	VIC
WBH	WALLABADAH	NSW
WBK	WOODBROOK	WA
WCP	WELLCAMP DOWNS	QLD
WDN	WANDANDIAN	NSW
WDU	WIRRADGURIE	NSW
WEBS	WEST BASS	VIC
WEK	WERRIS CREEK	NSW
WELL	WELLINGTON PT	QLD
WELS	WELSHPOOL	VIC
WEP	WEST PT	QLD
WES	WESTGATE BRIDGE	VIC
WFL	WATERFALL	NSW
WFM	WARWICK FARM	NSW
WGG	WOOLGOOLGA	NSW
WGL	WAIGEN LAKES	WA
WGR	WALLANGARRA	NSW
WHDW	WIVENHOE DAM WALL	QLD
WHF	THE WHARF	VIC
WHM	WHIM CREEK	WA

CODE	WAYPOINT	STATE	CODE	WAYPOINT	STATE
WHPL	WILD HORSE PLAINS	SA	WSFR	WISEMANS FERRY	NSW
WHW	WHITEWOOD	QLD	WSM	WEST ARM	NT
WICK	WILLIE CREEK	WA	WSN	WEST LAGOON	TAS
WIE	WIMMERA	NSW	WST	WESTMEAD	NSW
WIKP	WICKHAM PT	NT	WTB	WETHERBY	QLD
WILE	WILLEROO	NT	WTBG	WALTER TAYLOR BRIDGE	QLD
WITE	LAKE WHITE	NT	WTC	WAITE CAMPUS	SA
WKT	WALKERSTON	QLD	WTG	WEST GAP	TAS
WLS	WELLSHOT	QLD	WTHB	WITHNELL BAY	WA
WMB	WALLUMBILLA	QLD	WTRK	WHITE ROCK	QLD
WMF	WYMAH FERRY	NSW	WTS	WHITTLESEA	VIC
WMP	WOODMAN PT	WA	WUN	WUNDOWIE	WA
WMR	WESTMAR	QLD	WUNG	WUNGONG RESERVOIR	WA
WMS	WILLIAMSTOWN	VIC	WWN	WEALWANDANGIE	QLD
WNFE	WESTERN FREEWAY	QLD	WYPT	WOODY PT	QLD
WNK	WOOMANOOKA	QLD	WYR	WYREEMA	QLD
WOBR	WOLLONGBAR	NSW	YBH	YARRABAH	QLD
WOI	WOOLLAMIA	NSW	YBU	YABULU	QLD
WOOS	WOODLANDS GOLF COURSE	VIC	YGB	YANGEBUP LAKE	WA
WORC	WORONORA CEMETERY	NSW	YKH	YACKANDANDAH	VIC
WOT	WOODGATE	QLD	YKS	YORKEYS KNOB	QLD
WPE	WALPOLE	WA	YMA	YAAMBA	QLD
WRD	WARRANDYTE	VIC	YNA	YANDINA	QLD
WRM	WOORIM	QLD	YYM	YARINGA YACHT MARINA	VIC
WRNA	WAROONA	WA	YYN	YAN YEAN RESV	VIC
WRO	WALLAROO	SA	ZIN	ZUIZIN ISLAND	QLD
WRR	WARREN RESERVOIR	SA			

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ROUTE FLIGHT PLANNING REQUIREMENTS

All ACFT are required to comply with the following flight planning requirements when operating in civil and military controlled airspace. Requirements pertaining to off air route operations (including User Preferred Routes) can be found in the Off Air Route Planning (OARP) Manual on the Airservices website via the Flight Briefing page and Off Air Route Flight Planning Options: www.airservicesaustralia.com/industry-info/flight-briefing/off-air-route-flight-planning-options/.
Note: Aircraft Type Designators are available online: www.airservicesaustralia.com/naips/Documents/About.

1. NEW SOUTH WALES/ACT

ROUTE SECTION	REQUIREMENT
Canberra - ANNKY	Not AVBL ABV FL200
KADOM - TESAT	Not AVBL unless overflying TESAT FL290 or ABV
KADOM - STUIE	Not to be flight planned ABV A070
Lord Howe - Port Macquarie	ATS Route W768 must not be flight planned when M581, M582, M583, M584 ACT. VFR transit not assured when M581, M582, M583, M584 ACT.
MAKOR - Williamtown	Not to be flight planned ABV A085.
Nowra - Camden	Not to be flight planned
Parkes - Gunnedah - Inverell	Not to be flight planned ABV FL200
Port Macquarie - OLTIN	Not to be flight planned ABV A085
Richmond - MAKOR	Not to be flight planned in controlled airspace.
ATGOD - ANNKY	Not AVBL above FL160
Taree - OLTIN	Not to be flight planned ABV A085
Taree - Williamtown	Not to be flight planned when R585A or R586ABC ACT
Wollongong - Canberra	Not to be flight planned ABV A100 for ACFT landing Canberra.
AKMIR - REVKI	Not to be flight planned westbound ABV A085
BTH - AKMIR	Not to be flight planned ABV A080
NOLEM - ATRIR	Not to be flight planned BLW A040
TUPMA - STUIE	Not to be flight planned unless arriving YSRI

1.1. Sydney/Kingsford-Smith Departures - Jet

SOUTH Landing YSCB Overflying YSCB	Via WOL WOL H65 WOL J42 CB
NORTH (ports to YBSU)	Via OLSEM FL250 and ABV: OLSEM Y193 BANDA. Vertical requirements apply refer *AIP DAP* BLW FL250 or unable to meet vertical requirements must plan OLSEM H252 UPNEX H140 MATLA
Landing YWLM	OLSEM H252 EKIPU
Landing YSWS	DCT TESAT T2 UPDAK DCT
NORTH EAST (Routes N of G595)	

Via B474	via NOBAR B474 When M581, M582, M583, M584, M670, M661 or M649 is active: via G595 ATNAT DCT DUDEP Y70 BISAB J328 ISTEM B474 or when only M581, M582, M583, M584 is active: OLSEM Y193 BANDA DCT VEMLA B474 (Refer *AIP DAP* for vertical requirements)
Via B580	via NOBAR B580 When M581, M582, M583, M584 is active: via G595 ATNAT DCT DUDEP Y70 BISAB J328 MISLY B580
Via A579	via NOBAR A579 When M581, M582, M583, M584 is active: via G595 ATNAT DCT DUDEP DCT UPSAD A579
Via B450	via NOBAR B450 When M581, M582, M583, M584 is active: via G595 ATNAT DCT ABARB B450
EAST (New Zealand Ports)	
For NZAA, NZHN For NZPM, NZWN, NZCH For NZDN, NZQN	EVONN L521 LEGAN CAWLY M636 PLUGA OPTIC Y84 TONIM
WEST	Via KADOM
NORTH WEST	Via STUIE H530 LASUD If R570B or D active: Plan via STUIE H530 to KABIX If R481 active: Plan KADOM W604 BENBU Q304 LASUD

1.2. Sydney/Kingsford-Smith Departures - Non-jet

SOUTH	
Coastal Ports Inland Ports	Via WOL Via PEGSU
NORTH	Not to be flight planned BLW A100. Via KAMBA V258 MATLA or KAMBA V140 WLM (Tracking via WLM subject to MIL traffic during Williamtown ATS HR).
NORTH WEST	Via BENBU W604
EAST	Refer Sydney Departures - Jet
WEST	Via AKMIR is NOT AVBL. Plan via KADOM or PEGSU
WEST (Dubbo)	DCT KADOM W731

1.3. Sydney/Nancy-Bird Walton Departures

NORTH WEST (via MUDGI; and jets to ports N of YCFS)	DCT BENBU W604 MUDGI
NORTH EAST	
Non-jets on and E of YSWS - YBSU	DCT KAMBA
Jets (YWLM to YCFS)	DCT OLSEM (see *Sydney/Kingsford-Smith Departures* for flights below FL270)
WEST	DCT TEEVE
Via PKS	DCT PKS

EAST	DCT OLSEM (or NOBAR, DIPSO, EVONN, CAWLY, OPTIC). For route-specific requirements, refer *Sydney/ Kingsford-Smith Departures - Jet*.
SOUTH	DCT NWA
Destination YSHL	DCT WOL
SOUTH WEST	
Jet	DCT LEECE Q29 (landing YSCB not to be planned ABV FL200)
Non-jet	DCT EXETA
Destination YSSY	DCT UPDAK T2 TESAT DCT

1.4. Sydney/Bankstown Departures

WEST	DCT NOLEM
Other directions (jets)	DCT TESAT then as per *Sydney/Kingsford-Smith Departures*
SOUTH (non-jet)	DCT WOL
SOUTH WEST (non-jet)	DCT PEGSU
NORTH (non-jet)	DCT KAMBA
EAST (non-jet)	DCT TESAT then as per *Sydney/Kingsford-Smith Departures*
SY TMA local flights	
Destination YSSY (including CTA air work in SY TMA)	DCT TESAT DCT or DCT TESAT (AWK location)
Destination YSCN	DCT RAKSO DCT
Destination YSHL	DCT WOL DCT
Destination YSWS	DCT UPDAK DCT

1.5. Camden Departures

	As per *Sydney/Bankstown Departures*

1.6. Ballina/Byron Gateway Departures

NORTH	
To North of Brisbane	Via SCOTT Q47 IDRAS
To North West	Via SCOTT Q47 IDRAS Y258 LEBIT
Destination YBCG	Via BNA W412 GOMOL
Destination YBBN	Via GOMOL H252 BN
Destination YBAF	Via IDNER W760 HUUGO
Destination YBSU	Via GOMOL Q69 SU
SOUTH	
Jets	Via IDNER
Non-jets	ABV A100 via IDNER
Alternative route for destination YSSY or YWLM	Non-jet ACFT ABV A100 via BUVAM
WEST	Via IDNER

1.7. Canberra Departures

NORTH EAST	
Jet	Via CULIN
Non-jet	Via IDROP
WEST	
Jet	Via HOWLY, WG, NONUP, TANTA
Non-jet	Via HOWLY, WG, NONUP, DUBUS
ACFT landing YMAY	Via ARRAN
NORTH	Via AVBEG
ACFT landing YBTH	Via CULIN
SOUTH and EAST	
Between W241 and Z54 inclusive	Via published routes

1.8. Richmond Departures

SOUTH and SOUTH WEST	DCT TESAT then ERC route
NORTH EAST	DCT RUTOS - MAKOR (not ABV A090)
NORTH	DCT STUIE NIVOT Z127 EKESU DCT SCATZ DCT UPVEN If R560 is active and planned FL240 or ABV: DCT RUSUM H530 MUDGI (expect restriction FL 240 by MUDGI) If R560 is active and planned below FL240: DCT STUIE NIVOT Z127 EKESU Z127 DAGVA Z400 ELKAB Z105 EKIBI
NORTH WEST	DCT STUIE DCT RUSUM H530 MUDGI
WEST	DCT STUIE W460 BTH
EAST/NORTH EAST	DCT TESAT then refer *Sydney/Kingsford-Smith Departures - Jet*

1.9. Sydney/Kingsford-Smith Arrivals - Jets

SOUTH and SOUTH WEST	Routes to join Y59 by CULIN
NORTH	Routes to join Y50 by IVTON
WEST	VELGI Y105 TARAL Y59
NORTH EAST (Routes G595 and N)	
B474	BEADS DCT RIKNI N774 When M581, M582, M583, M584, M670, M661 or M649 is active: ISTEM J328 MISLY DCT ABARB DCT RIKNI N774
B580	IFFEY DCT RIKNI N774 When M581, M582, M583, M584 is active: MISLY DCT ABARB DCT NONID N774
A579	UPSAD DCT ABARB DCT RIKNI N774
B450	LHI H258 RIKNI N774
G595	ATNAT RIKNI N774
EAST (from New Zealand ports)	
M636 or N750	PLUGA DCT RIKNI N774
P766	TONIM DCT RIKNI N774

1.10. Sydney/Kingsford-Smith Arrivals - Non-jets

SOUTH and WEST	
Departing YSHL H65 THRU W to line ANBAN - AGETA East of line ANBAN - AGETA to coast	WOL UDODU W113 ANKUB DCT at A060 Via ANNKY AKMIR W113 ANKUB DCT Refer *NORTH* entry
NORTH	
Via OLTIN Via LALIB Departing YWLM	OLTIN H201 LALIB W702 OLTIN H201 WLM MONDO DCT LOWEP H201
EAST	Refer *Sydney/Kingsford-Smith Arrivals - Jet*

1.11. Sydney/Nancy-Bird Walton Arrivals

EAST	Routes as per *Sydney/Kingsford-Smith Arrivals* to RIKNI N774 TESAT T2 UPDAK DCT
NORTH	
Coastal NSW	Routes to SORTI Z233 ELKAB Z400 DAGVA Q58 UPDAK DCT
Except coastal NSW FL240 and below	Routes to DAGVA Q58 UPDAK DCT
Departing YWLM	DCT MONDO Q410 AKTEG DCT UNTAV Q58 UPDAK DCT
FL250 and ABV	Routes to OVNOM H652 TIABB Q58 UPDAK DCT
From YBCG	Routes to APAGI Q58 UPDAK DCT
From YBSU, YBBN	Routes to POSUT Q58 UPDAK DCT
SOUTH	
FL210 and below	Routes to AY ISNOL Y82 ENVOL Y52 UPDAK DCT
From Melbourne	Routes to METUV Y35 ENVOL Y52 UPDAK DCT
From Canberra, TAS, coastal NSW	Routes to CB W137 AVBEG W184 ENVOL Y52 UPDAK DCT YSNW FL160 or below: DCT GLB W10 AVBEG W184 ENVOL Y52 UPDAK DCT
WEST	
	Routes to RUPEM Y52 UPDAK DCT
Via J21	BORLI V300 METUV Y35 ENVOL Y52 UPDAK DCT

1.12. Sydney/Bankstown Arrivals

SOUTH and WEST	Routes to WELSH Z97 PILAK DAMID - RAKSO (not to be flight planned ABV A045) RAKSO - ESGID (not to be flight planned ABV A025) (expect OCTA from DAMID, request clearance to enter Class D by 6NM ESGID at A025)
NORTH and EAST	Routes to YAKKA H201 MEPIL Z88 PILAK MEPIL - OMUVU (not to be flight planned ABV A035) OMUVU - PILAK (not to be flight planned ABV A020) (expect OCTA from YAKKA, request clearance to enter Class D at OMUVU at A020)
EAST	Refer *Sydney/Kingsford-Smith Arrivals - Jet*, then TESAT DCT

1.13. Camden Arrivals

NORTH and NORTH WEST	Via GORPU
WEST	Via AKMIR
EAST	Via PRAWN
SOUTH	Via TONTO

1.14. Ballina/Byron Gateway Arrivals

NORTH	
North of Brisbane	Via Y177 IDRIL NOPAS FAUKS DCT
From YBBN and YBAF	Via HUUGO W760 IDNER
From YBCG	Via GOMOL W412 BNA DCT
SOUTH	Via UPSEL
WEST	Via IDNER
EAST	DCT BNA

1.15. Canberra Arrivals

NORTH EAST	
Jet	Via LEECE
Non-jet	Via BUNGO
WEST	Via WG, KACEY or ARRAN
NORTH	Via AVBEG
SOUTH and EAST	
Between W241 and Z54 inclusive	Via published routes

1.16. Richmond Arrivals

EAST	Refer *Sydney/Kingsford-Smith Arrivals - Jet*, then TESAT DCT
NORTH	RUTOS DCT RITSU DCT STUIE
SOUTH	
Via NWA	NWA T49 ISBOV DCT DIPPA N774 TESAT H530 STUIE (at or ABV A100)
Via CB	CB W137 AVBEG W184 ENVOL Y52 RUPEM DCT STUIE (at or ABV A100)
WEST	
Via RUPEM	RUPEM DCT STUIE
Via BTH	BTH W460 STUIE

1.17. Sydney Basin Overflights

BLW A100	
NORTH BOUND SOUTH BOUND	AKMIR Z36 MAKOR at A070 MAKOR Z36 AKMIR at A060
A100 and ABV	
EAST BOUND INTL via PKS	ABV FL280, PKS A576 TESAT then oceanic route
WEST BOUND via MARLN	ABV FL120, MARLN N774 TESAT then H530 STUIE or A576 KADOM
NORTH BOUND	
Via RIVET (jets)	ABV FL190, RIVET Y59 TESAT H252 OLSEM
Via AKMIR (non-jets)	FL110, FL130 and ABV FL200, AKMIR W113 KAMBA

SOUTH BOUND	
Via BOREE (jets)	ABV FL190, even level from BOREE Y50 TESAT H65 WOL
Via YAKKA (non-jets)	A100 and ABV FL130, even level from YAKKA H201 TESAT then H65 WOL or V169 PEGSU
From S landing YWLM	
Jets Non-jets	TESAT H252 via OLSEM TESAT V140 OVLUX
From N Departing YWLM	
Jets Non-jets (A100 and ABV)	Via LIMLO H536 NWA WLM MONDO H201 TESAT

1.18. Willamtown Departures

NORTH	
To north or north east	Via UBSON NICLA
Jets – north west	WLM UBSON NICLA SORTI SANAD - TAMWORTH or ARMIDALE
Jets – destination Tamworth	Via KEXAR
Non-jets –north west	Via KEXAR
EAST	
Williamtown - Lord Howe	ATS Route W149 must not be flight planned when M581, M582, M583, M584 ACT. An alternative route via PMQ must be planned WLM V535 NICLA V652 PMQ
SOUTH	
To south	Via LIMLO
To south west	Via MONDO
WEST	
Jets	Via UBSON NICLA SORTI SANAD
Non-jets	Via KEXAR

1.19. Willamtown Arrivals

SOUTH	
Jets	Via TESAT H252 WLM
Non-jets	Via KAMBA V140 WLM
NORTH	
North or north west	Via LAXUM WLM
Via EMSUR	EMSUR TIMBO V417 LAXUM WLM
Via TIMBO	TIMBO V417 LAXUM WLM
Via SANAD	SANAD V779 LAXUM WLM
Via SORTI	SORTI W656 IDSEB V779 LAXUM WLM
EAST	
Lord Howe - Williamtown	ATS Route W149 must not be flight planned when M581, M582, M583, M584 ACT. An alternative route via PMQ must be planned using Williamtown North West FPR.
Via NONID	NONID Q226 WLM Not to be flight planned when M581, M582, M583, M584 active. An alternative route must be planned NONID N774 MARLN OLSEM H252 WLM

WEST	
Via PUDUT	Plan via NORTH or SOUTH unless: Via RUTOS-MAKOR-PUDUT not ABV A090 Not to be flight planned for non-piston aircraft except YSRI departures.
Via LAXUM	TIMBO V417 LAXUM WLM

2. NORTHERN TERRITORY

2.1. Darwin Departures - Jet

CS clockwise to AD and AS	via Y25
090DN VOR to 170DN VOR inclusive	via Y25
171DN VOR to 255DN VOR inclusive	via J151 - IRPOM - preferred route
256DN VOR to 299DN VOR inclusive	via J61 JULIE
300DN VOR to 359DN VOR inclusive	via OCTOB - preferred route
077DN VOR to 170DN VOR inclusive	via Y25 RUPEG

2.2. Darwin Departures - Non-jet at or above A090

121DN VOR to 180DN VOR inclusive	via J251
181DN VOR to 234DN VOR inclusive	via W287 - LEVRI - preferred route
271DN VOR to 295DN VOR inclusive	via J61 JULIE
060DN VOR to 100DN VOR inclusive	via VANDI - preferred route
101DN VOR to 120DN VOR inclusive	via RUSKA - preferred route

2.3. Darwin Arrivals - Jet

CS clockwise to AD and AS	via Q23 (joining at various points on track as per FPL options)
091DN VOR to 180DN VOR inclusive	via Q23 (joining at various points on track as per FPL options)
181DN VOR to 255DN VOR inclusive	via JULUP - J72
256DN VOR to 359DN VOR inclusive	via ANUPA - M768
060DN VOR to 090DN VOR inclusive	via DAGAK GATOR

2.4. Darwin Arrivals - Non-jet at or above A100

060DN VOR to 105DN VOR inclusive	via DAGAK GATOR
106DN VOR to 170DN VOR inclusive	via Q23 (joining at various points on track as per FPL options)
171DN VOR to 234DN VOR inclusive	via JULUP - J72
256DN VOR to 359DN VOR inclusive	via ANUPA - M768

2.5. Darwin Air Route Restrictions - Landing

B598	MASRA DN NAVBL A/C LANDING DN
J151	IBOMU DN NAVBL A/C LANDING DN
J61	DUMAV DN NAVBL A/C LANDING DN
J138	SURVO DN NAVBL A/C LANDING DN
J251	TN DN NAVBL A/C LANDING DN
A461	AS DN NAVBL A/C LANDING DN
A461	ADKUL DN NAVBL A/C LANDING DN
J151	IRPOM DN NAVBL A/C LANDING DN
M766	IDOTO DN NAVBL A/C LANDING DN
A458	KILIK DN NAVBL A/C LANDING DN
J61	PAGMI DN NAVBL A/C LANDING DN

2.6. Darwin Air Route Restrictions - Departing

B598	DN MASRA NAVBL A/C DEPARTING DN
J151	DN IBOMU NAVBL A/C DEPARTING DN
J61/J138	DN NOKUN NAVBL A/C DEPARTING DN
J251 (JETS)	DN LAKUP NAVBL A/C DEPARTING DN
A461	DN AGUST NAVBL A/C DEPARTING DN
J72	DN WANGI NAVBL A/C DEPARTING DN
M766	DN JACKI NAVBL A/C DEPARTING DN
A458	DN ZAARS NAVBL A/C DEPARTING DN
M768	DN ANUPA NAVBL A/C DEPARTING DN

2.7. Darwin - Dili

Darwin - Dili	All ACFT ABV FL240 must plan via IKUMA then ATS route Z86. All ACFT FL240 and below must plan via JULIE then ATS route Z69.
Dili - Darwin	All ACFT ABV FL240 must plan via Z12 ELBIS M768 DN. All ACFT FL240 and BLW must plan via TODOT Z10 ANUPA M768 DN.

2.8. Routes affected by Restricted Area Status

Alice Springs - Darwin Darwin - Alice Springs	A461 when R225ABCDEF and R250 are not active
DN – CS clockwise to AD and AS	RUPEG ADKIV (Y25) NAVBL BLW FL270 when R228A active
090 DN VOR to 170 DN VOR inclusive	RUPEG ADKIV (Y25) NAVBL BLW FL270 when R228A active
101 DN VOR TO 120 DN VOR inclusive	DN RUSKA (W473) NAVBL when R228A active
Tindal - LARAB - Tindal	A464 when R225ABCDEF and R250 are not active
VFR aircraft departing and arriving DN, with the exception of destinations on Bathurst or Melville Islands, are required to plan via a published DN VFR Route.	

2.9. Alice Springs - Ayers Rock

Alice Springs - Ayers Rock	1. All ACFT ABV A100 landing at Ayers Rock must plan via V656. 2. ACFT overflying AYE NDB must plan via ATS route W408 between AS VOR and AYE NDB.
Ayers Rock - Alice Springs	1. ACFT must plan via LUVAV. 2. When using the PUMAK INTERCEPT a distance not less than 13 DME AS must be maintained until established on the localiser.
Note: The following route segments in the Ayers Rock area are not to be flight planned without prior approval: Y69 between UPRUN and VIPAR T47 between AYE NDB and RURAP Y93 between VIPAR and AS VOR	

2.10. Alice Springs Air Route Restrictions

T85	ACFT must not flight plan via SCHEE when arriving or departing YBAS. T85 must only be flight planned when overflying YBAS AT or ABV FL190.

3. QUEENSLAND

3.1. Brisbane Departures - Jets

NORTH	
To North	Via Q67 BIXAD
To North East	Via Q67 BIXAD A598 PONUX When M640 is active (depending on restricted area levels): via Q67 GUDSO Q24 TERUV PUGEL
Destination YBSU	Via ITIDE Q69 SU DCT
EAST	
To East or South East	Via B578 GUMKI Via J208 SCOTT
SOUTH	
Destination YBCG	Via LAGOB
To South	Via H91 SANEG
WEST	
To West	Via V250 LEBIT V412 ROM
To North West	Via V250 IBUNA
Destination YKRY	Via V250 IBUNA V530 MENEN (not above FL120)

3.2. Brisbane Departures - Non-jets

NORTH	
To North	Via V308 AKOBA
Destination YBSU (ACFT at or BLW 5,700KG MTOW)	Via BUGNU W247 SU DCT
Destination YBSU (ACFT ABV 5,700KG MTOW)	Via ITIDE Q69 SU DCT
EAST	
To East or South East	Via B578 GUMKI Via J208 SCOTT

SOUTH	
Destination YBCG	Via LAGOB
Destination YLIS	Via W276
To South	Via H91 SANEG
WEST	
Destination YEML, YBTR	Via Q484 LIKTO Q421 UNVAT
Destination YMRB	Via V308 SAGLI W231 GLA W636 RK W518 NIPOM Additional route available for thunderstorm avoidance: Via Q484 LIKTO Q421 UNVAT W270 EML W613 NIPOM
Destination YTWB, YSGE, YGDI and YBWW	Via Q484 RUDEY BIVAT
Destination YBOK	Via Q484 RUDEY OK
Destination YKRY	Via V250 IBUNA V530 MENEN (not above FL120)
Between 233BN VOR and 298BN VOR	Via Q484 RUDEY
South of 233BN VOR	Via H91 SANEG

3.3. Brisbane Arrivals - Jets

NORTH	
From North	LAMUG Y177 BN DCT
Departure YBSU	Via Q35 MUDDL
Departure YHBA	Via W699 SOSTU V221 LAMUG Y177 BN DCT
Departure YBUD	Via V163 LAMUG Y177 BN DCT
EAST	
From North East	Via ATROP H224 BN DCT
From East	Via SAVER G329 BN DCT
SOUTH	
From South East	Via T53 GOMOL H252 BN DCT
Between CG and 210BN VOR	GOMOL H252 BN DCT IDNER H66 LAGOB H252 BN DCT
WEST	
Departure YMLS	YMLS DCT BEPNA Y79 BN DCT
North of 260BN VOR to 300BN VOR	Via ROM Y166 IDLEG V327 IGUPI Y340 LAMUG Y177 BN DCT
Between 210BN VOR and 260BN VOR	Via Y94 GUSNI DCT ENLIP Y27 BN DCT

3.4. Brisbane Arrivals - Non-jets

NORTH	
From North	OTLEB V307 BN DCT
Departure YBSU	Via V217 GAYLA V307 BN DCT
Departure YHBA	Via W699 SOSTU V372 OTLEB V307 BN DCT
Departure YBUD	Via V315 OTLEB V307 BN DCT
EAST	
From North East	Via ATROP H224 BN DCT
From East	Via SAVER G329 BN DCT
SOUTH	
From South	Via IDNER DCT GOMOL H252 BN DCT

WEST	
From West	NODOR Y79 BN DCT
Departure YMLS	YMLS DCT BEPNA Y79 BN DCT
Departure YKRY	Via V662 WOODY Y79 BN DCT
Departure YTWB and YBWW	Via Y241 WOODY Y79 BN DCT
From South West	Via ENLIP Y27 BN DCT

3.5. Brisbane Overflights

ACFT planning transit flights overhead Brisbane AD/CTR should plan at or above A070.

3.6. Archerfield - Departures

NORTHWEST	
SUSGI or East thereof	via BN V308 AKOBA
Emerald / Blackwater A100 and ABV	via WACKO IBUNA Q493 IGUPI
Via SURPO	via NOT ABV A060
YKRY	Via WACKO V250 IBUNA V530 MENEN (not above FL120)
YTAM	Via WACKO V250

3.7. Cairns Overflights

ACFT using air routes Q67 or Q499 to CS then using B473, R204 or A216 from CS, flight plan from UPOLO or NONUM DCT to MEMOS, KIMMI or MEMIG.

3.8. Cairns Arrivals - from southeast

Jet ACFT departing YBTL	Via R346 RUMKA Q67 CS
Non-jet ACFT departing YBTL or via TL	Via PEWEE V308 BARIA Q67 CS
All other routes	On Track
Jet ACFT via VOMPA - the following route is NOT AVBL	TL R346 RUMKA Q67 CS

3.9. Cairns Departures

Jet ACFT via TL VOR	Via AKROM R346 TL
Arriving YBTL	Via V264 IGIKI
All other routes	On Track

3.10. Gold Coast

Departures	
ACFT Departing on route Q16	include APAGI in flight plan details
Departures to the South	
Jet ACFT to flight plan via 218CG VOR	intercept ATS route H91 at APAGI (Sydney) intercept ATS route Q35 at ISKIM (Melbourne) track via Q16 (Adelaide)
Non-jet ACFT ABV A100 to Flight Plan	via 198CG VOR to IDNER
Departures to the North	
To North	Via Q47 IDRAS
To North West	Via Q47 IDRAS Y258 LEBIT

Departures to New Zealand	
Direct to DUBUD, LHI, SIFRA or via T53. T53: When M661 is active (depending on Restricted Area levels) plan GOMOL LAMSI N584 SAKBI	
Departures to the West - Turbojet ACFT	
T33	via APAGI Q16 PAVBI Q4 IDBUG Q42 ANROM T33
Arrivals from the South	
Jet ACFT must plan via BERNI Y43 GREAV GOMOL	
Non-jet aircraft, RNAV or RNP, at or above FL130 shall plan BERNI ROONY KERRI Non-jet aircraft, NON RNAV or NON RNP, at or above FL130 shall plan RIDVO Non-jet ACFT BLW FL130 must plan via RIDVO	
Arrivals from the East	
Via LAMSI When M661 is active (depending on Restricted Area levels): SIFRA N584 LAMSI	
Arrivals from the North West	
Via Y177 IDRIL NOPAS GOMOL DCT	

3.11. Arrivals from the West and North West - Turbo-jet ACFT

Via SMOKA BN Y177 IDRIL NOPAS GOMOL DCT
Via WOODY BN Y177 IDRIL NOPAS GOMOL DCT
Via ENLIP BN Y177 IDRIL NOPAS GOMOL DCT

3.12. Sunshine Coast

Departures	
Jet Departures South	Via Q35 SANEG
Non-jet Departures South	Via V217 GAYLA
Jet Departures North	Via TAPET Q67
Jet Departures North West	Via TAPET COOLA V129
Non-jet Departures North	Via TAPET MAGPI
Non-jet Departures North West	Via TAPET SUSGI
Arrivals	
Arrivals from the North West	Via SUSGI W534 SEBVA
Arrivals from the North East	Via Y32 REBEG
Jet Arrivals from the South	Via GOMOL Q69 SU DCT
Non-jet Arrivals from the South	Via BN BUGNU SU DCT

3.13. Mackay, Rockhampton and Townsville

Mackay - Townsville	BITAS V308 TL
Townsville - Mackay	ALBUX V153 MK
Mackay - Rockhampton	LERKI V153 RK
Rockhampton - Mackay	EMSUP V308 MK
Non-jet ACFT departing Rockhampton via SUSGI	RK V111 BUDGI V99 SUSGI

3.14. Townsville IFR Departure - Diversions when R736 and R751 active A060 and ABV

For W660 and Charters Towers (YCHT).	Flight plan via ANRUB then to rejoin published track at next reporting point.
For W469, W637, W265, W528 and J184.	Flight plan via CATEY then to rejoin published track at next reporting point.
For Z51, J138 and W841.	Flight plan via KALBA, then to rejoin published track at next reporting point.

3.15. Townsville IFR Arrivals - Diversions when R736 and R751 active A060 and ABV

For W660 and Charters Towers (YCHT), W469, W637, W265, W528 and J184.	Flight plan via BATIR VOMPA TL.
For Z51, J138 and W841.	Flight plan via KALBA SEMBU TL.

3.16. Townsville - Diversions when R738ABCDEFGH active

Southern Diversion	
Departures For W660 and Charters Towers (YCHT).	Expect departure clearance via ANRUB then to rejoin published track at next reporting point.
Departures For W469, W637, W265, W528 and J184.	Expect departure clearance via ANRUB Q71 DOBGO then to rejoin published track at next reporting point.
Arrivals For W660 and Charters Towers (YCHT).	Expect arrival clearance via BATIR VOMPA TL.
Arrivals For W469, W637, W265, W528 and J184.	Expect arrival clearance via HUG Y34 BATIR VOMPA TL.
Northern Diversion	
Departures For J138, W841 and Z51.	Expect departure clearance via CARMN (W387) KIBOP then to rejoin published track at next reporting point.
Arrivals For J138, W841 and Z51.	Expect inbound clearance via KIBOP (W387) CARMN TL.

3.17. Townsville - Diversions when R738A active (R738BCDEFGH not active)

Southern Diversion	
Departures For W660 and Charters Towers (YCHT).	Flight plan via ANRUB then to rejoin published track at next reporting point.
Departures For W469.	Flight plan via ANRUB EGOPI then to rejoin published track at next reporting point.
Arrivals For W660, W469 and Charters Towers (YCHT).	Flight plan via BATIR VOMPA TL.
Northern Diversion	
Departures For J138, J184, W637, W265, W528, W841 and Z51.	Flight plan via TARET then to rejoin published track at next reporting point.
Arrivals For J138, J184, W637, W265, W528, W841 and Z51.	Flight plan via TARET TL.

3.18. Greenvale Training Area - R732

These routes provide ADS-B and SSR equipped aircraft with the required separation from the lateral boundaries of R732. If R732 is active to a flight level that precludes overflight, planning via the following routes is required.

ATS ROUTE AFFECTED	DIVERSION
Z51	W841 DOTTE KADMU Z51
W528	W528 KIPPA-THOMO W265
J184	J184 OKODU-THOMO W265
W152	W152 HUG-YKID-NONUM W152

3.19. Amberley IFR Departures

NORTH	
Between 280 and 006 AMB TAC	via JEDDA
EAST	
Between 006 and 116 AMB TAC	via BN ACFT landing/air working at YBCG may plan DCT GOMOL
SOUTH	
Between 116 and 200 AMB TAC	via TATEN
WEST	
Between 200 and 280 AMB TAC	via BOBOP or via MESED LIKTO

3.20. Toowoomba

To West	via Q303 MESED Q484 (to LIKTO)
From West	via MATVI LUKEY

3.21. Brisbane West Wellcamp

To West/North	YBWW BIVAT Q303 MESED Q484 LIKTO
From West/North	UNVAT SHIKO MATVI LUKEY YBWW
When R639 is active, departures and arrivals W and SW from YBWW and YTWB must plan via an alternate route or the above route not above 10,000FT, until clear of R639.	

3.22. Shoalwater Bay

Tactical waypoints facilitate diversion around the Shoalwater Bay Restricted Area, particularly for flights arriving at Mackay, Proserpine and Hamilton Island from the South. These routes provide ADS-B and SSR equipped aircraft with the required separation from the lateral boundaries of R642B, R643, R681, R682, R683, R684B, R686, M678 and R692BC. If restricted areas are active to a flight level that precludes overflight, planning via the following routes is required.

ATS Route Affected	Diversion
Q67	Q67 GLA RK TARES NOLUP OVRON Q67
V308	V308 RK TARES WELKE V308
Q67 transition to V308 (YBMK, YBPN and YBTL arrivals)	Q67 GLA RK TARES WELKE V308
W889 (Not required at or below A045)	W889 RK TARES VANVA W889

4. SOUTH AUSTRALIA

T20 Adelaide - AGROS	Not AVBL for ACFT departing from Adelaide, Parafield or Edinburgh.
H309 MIA TUMAN KAKLU	Not AVBL for jets landing Adelaide, Parafield or Edinburgh. (Landing jets to FPL: MIA Q4 WOONA Q60 KAKLU).
A585 Ceduna - FRAZA	Not AVBL for ACFT landing at Adelaide, Parafield or Edinburgh. (ACFT to FPL: CDU V621 ATNAR N640 AD)
W238 RUKNA - Adelaide	Not AVBL southbound.
J58 WHA - SPOTA	Not to be flight planned southbound unless a condition in 4.2 for planning via SPOTA is met.
Y218 BENDO - TYNDI	Not AVBL for ACFT arriving YMML
W142 DOLVU - RUKNA	Not AVBL unless departing YPED.
V238 DOLVU - AREPA	Not AVBL unless departing YPED.

4.1. Adelaide, Parafield and Edinburgh IFR Departures

IFR flights departing Parafield and Edinburgh must plan via AD to outbound points shown in the table below

To West and South West		Via TEDUS (Non-jet only except landing YPLC) Via GILES Via EEMUE to (YKSC)
To North West		Via HOLIT RUKNA (Non-jet only) Via AREPA
To North	R265 areas: Not Active	Via ORBUN
	R265 areas: Active RA1	Via ORBUN Pilots should expect that ATC may issue deviations with vectors or via: - W238 to ACTIN - AREPA J58 to WHA - W426 to UNSOX

cont.	R265 areas: Active RA2	Via ORBUN for the following destinations only: - YBCS - YBEE - YBTL - YLLE - YOOM Pilots should expect that ATC may issue deviations with vectors or via: - W238 to ACTIN - AREPA J58 to WHA - W426 to UNSOX All other traffic plan in accordance with 'North West' and 'North East' DEP requirements. Traffic may plan via W426 to UNSOX.

To North East	Via UPROT Via W426 (to BHI)
To East	Via BENDO or AVDEN
To South East	Via ALBUT (Non-jet only except landing YMTG)

4.2. Adelaide, Parafield and Edinburgh IFR Arrivals

IFR flights arriving Parafield and Edinburgh must plan via Adelaide after passing inbound points shown in the table below.

From West and South West		Via ATNAR Via V175 (from YKSC)
From North West	Via MARGO (unless a SPOTA condition is met)	Via SPOTA (on J58) - AGROS - AD if any of the following conditions are met: R292C or D or F active ABV A045, or R292E active ABV A085, or Aircraft in Class G airspace which will conflict (vertically or laterally) with any active R292 areas.
	Note: For flights in CTA transiting abeam R292 areas, MARGO - AD provides required ATC lateral separation in respect to R292A-B *Flights planning via SPOTA can expect a STAR clearance to provide required ATC lateral separation with R292 areas.*	

From North	R265 areas: Not Active	Via KLAVA
	R265 areas: Active RA1	Via KLAVA Pilots should expect that ATC may issue deviations with vectors or via: - ACTIN V432 - ASILI H84 - DOTBO W325

	R265 areas: Active RA2	Via KLAVA for arrivals from the following destinations only: - YBCS - YBEE - YLLE - YOOM Pilots should expect that ATC may issue deviations with vectors or via: - ACTIN V432 - ASILI H84 - DOTBO W325 Other traffic plan in accordance with 'From North West' and 'From North East and East' ARR requirements. Traffic may plan via DOTBO W325

From North and East	Via W325 Via KAKLU
From South East	Via H345 Via V259 (Non-jet only)
Note: Aircraft may plan the following exceptions *- AGROS DCT AD, not above A050, or at any level if departing from an aerodrome within 10NM of AGROS.*	

4.3. Woomera Airspace Diversion Matrix

ATS routes Z90, Z91, Z92, Z93 and tactical waypoints facilitate diversion around Woomera Restricted Areas, in particular Adelaide - Coober Pedy/Olympic Dam - Adelaide flights.
These ATS routes and waypoints provide RNP2 and ADS-B equipped aircraft with the required separation from the lateral boundaries of the most commonly activated Woomera Restricted Areas. The following table outlines the ATS Route or waypoints to be used in various Restricted Area activation scenarios.

Eastern Route Options via **OJJAY, AVPAS, SAMIN or PARDA**

Active Areas	**to/from CBP**	**to/from YOLD**	**to/from GOMUL**
R222A-H	OMKEK ELGON CBP	OMKEK YOLD	OMKEK GOMUL
R246C	GAANY CALAR CBP	OMKEK YOLD	GAANY CALAR GOMUL
R246A-C	GAANY Z92 CBP	OMKEK YOLD	GAANY CALAR GOMUL
R273	HAZOS CARTS CBP	HAZOS OMKEK YOLD	HAZOS GOMUL
R273, R246C	HAZOS CALAR CBP	HAZOS OMKEK YOLD	HAZOS GOMUL
R273, R246A-C	HAZOS Z92 CBP	HAZOS OMKEK YOLD	HAZOS GOMUL

Western Route Options via **RUTMO or TEGAL**

Active Areas	**to/from CBP**
R222A-F	TEGEX CBP
R222A-F, R246B	TEGEX UPNOR HIINE CBP
R222A-G	TEGEX ERINA CBP
R222A-G, R246B	TEGEX ERINA UPNOR HIINE CBP
R222A-H, R246B	TEGEX RENEL UPNOR HIINE CBP

4.4. Cultana Airspace Diversion Matrix

Tactical waypoints facilitate diversion around the Cultana Restricted Areas, particularly for flights to or from Whyalla, Port Augusta and Olympic Dam.
These routes provide RNP2 capable and ADS-B equipped aircraft with the required separation from the lateral boundaries of the Restricted Area.

Active Areas	Scenario	Route Option
R259B R260B	via ACTIN to YPAG or destination north of YPAG	NODOL ELMEP SAMIN
R302B R303B	via ELRIM from YPAG or departure points north of YPAG	SAMIN ELMEP NODOL
R304B	YOLD to YPAD	PARDA H135 AD
	Between YPAG and YWHA (both directions)	SAMIN ELMEP NODOL LATAP
	via WR to YPAD	WR PARDA H135
	YPAD departures via J251	AREPA TANOV WR or if R259B **and** R260B **and** R304B not active AREPA SUMUP WR

5. TASMANIA

5.1. Hobart INTL - IFR Departures

All:	Via TASUM H111 LT
Optional for aircraft departing to west and northwest of HB (i.e. YPAD/YPED/ YPPH)	Via TASUM T234 RIBLI

5.2. Hobart INTL - IFR Arrivals

From East:	Via IPLET
From West:	Via MORGO

6. VICTORIA

6.1. Melbourne INTL - IFR Departures

To North or NE:	Via H129 DOSEL (Jet ACFT) Via H129 DOSEL W569 BOGES (Non-jet ACFT) Via H50 MNG Via H66 NONIX
To West or NW:	Via H164 KEPPA (Jet ACFT) Via V376 DOTPA (Non-jet ACFT) Via V126 ESDIG Via Q158 CRENA Via H345 PEDNI Via V223 OMKON
To South:	Via H169 SUNTI Via W405 KII Via W15 AV
To East:	Via Y260 CORRS (See Note)* Via W687 RAZZI W449 BULKO
**Note: Outbound via N759 (BADGR) or P753 (TASIS) NOT AVBL*	

6.2. Essendon - IFR Departures

To North or NE:	Via ML H129 DOSEL (Jet ACFT) Via ML H129 DOSEL W569 BOGES (Non-jet ACFT) Via ML H50 MNG Via ML H66 NONIX
To West or NW:	Via ML H164 KEPPA (Jet ACFT) Via ML V376 DOTPA (Non-jet ACFT) Via V126 Via V126 ESDIG Via Q158 CRENA Via H345 PEDNI Via V223 OMKON
To South:	Via H169 SUNTI Via W405 KII Via W291 SAMIG Via W422 MAKAT W15 AV Via W382 MB W562 ONAGI (Not ABV A075)
To East:	Via ESDAN DCT CORRS (See Note) * Via ESDAN DCT RAZZI W449 BULKO
** Note: Outbound via N759 (BADGR) or P753 (TASIS) NOT AVBL*	

6.3. Moorabbin - IFR Departures

To North or NE:	Via W661 H129 ML DOSEL (Jet ACFT) Via W661 ML H129 DOSEL W569 BOGES (Non-jet ACFT) Via W661 ML H50 MNG Via W661 ML H66 NONIX Via W188 TEMIS (Not ABV A090)
To West or NW:	Via W661 ML H164 KEPPA (Jet ACFT) Via W661 ML V376 DOTPA (Non-jet ACFT) Via W661 ML H345 PEDNI Via W661 ML V223 OMKON Via W635 AV (single engine ACFT may plan W661 ML Via V126 ESDIG) Via W449 SAMIG
To South:	Via W468 SUNTI Via W538 or W673 (to KII) Via W562 ONAGI (Not ABV A075)
To East:	Via W449 RAZZI BULKO

6.4. Melbourne INTL- IFR Arrivals

From Northeast:	Via LUVAS Q29 (Jet ACFT) Via TEMIS V169 (Non-jet ACFT)
From North or NW:	Via ARBEY Via MNG W477 BELTA H119 (Not ABV A080) If OPN RQ for ABV A080, contact ATC on 03 9235 7337 for approval) YMIA departures: Via MIA H102 NATYA H119 ARBEY
From West:	Via ARBEY Via ALAXO
From South:	Via MENOG W405 Via AV W190 Via ONAGI H215 RAZZI

From East:	Via GEMAC Q302 BOOIN Via TASIS P753 RAZZI Via MOZZA DCT RAZZI Via DUNNE V650 BADGR

6.5. Essendon - IFR Arrivals

From Northeast:	Via LUVAS Q205 COLDS V512 ESDAN (Jet ACFT) Via TEMIS W188 COLDS V512 ESDAN (Non-jet ACFT)
From North or NW:	Via ARBEY H119 ML DCT ESDAN Via SHT V222 LACEY W188 COLDS V512 ESDAN Via MNG W481 LACEY W188 COLDS V512 ESDAN Via MNG W477 BELTA H119 ML DCT ESDAN - Prior ATC approval required Via MNG MOSVO at A050 or LSALT A041 - AVBL for OPN RQ due low freezing LVL with prior ATC approval 03 9235 7337 YMIA departures: Via MIA H102 NATYA H119 ML DCT ESDAN
From West:	Via ARBEY H119 ML DCT ESDAN (high level RNAV or RNP) Via ALAXO W382 ESDAN
From South:	Via MENOG DCT ESDAN Via AV W15 MAKAT W422 ESDAN Via ONAGI H215 RAZZI W495 MOSVO V512 ESDAN
From East:	Via ANGEX N759 ML ESDAN Via TASIS P753 RAZZI W495 MOSVO V512 ESDAN Via MOZZA V588 MOSVO V512 ESDAN Via DUNNE V434 MOSVO V512 ESDAN

6.6. Moorabbin - IFR Arrivals

From Northeast:	Via LUVAS Q205 COLDS W188 MB (Jet ACFT) Via TEMIS W188 MB (Non-jet ACFT)
From North or NW:	Via ARBEY H119 ML W661 MB Via SHT V222 LACEY W188 MB Via MNG W481 LACEY W188 MB Via MNG W477 BELTA H119 ML W661 MB - prior approval required Via MNG DCT MOSVO at A050 or LSALT A041 - AVBL for OPN RQ due low freezing LVL with prior ATC approval 03 9235 7337
From West:	Via ARBEY H119 ML W661 MB (High level RNAV or RNP) Via AV W635 MB (single engine ACFT may plan via ALAXO W382 MB)
From South:	Via TAITE W538 MB or via ALPAL W673 MB Via ONAGI H215 RAZZI W449 MB Via ONAGI W562 MB (Not ABV A075)
From East:	Via BULKO W449 MB Via DUNNE V434 MOSVO W296 MB Via MOZZA V588 LEKUN W188 MB

6.7. Melbourne CTR - Overflying IFR and VFR Flights

Due to separation requirements with Melbourne INTL jet traffic, the minimum ALT for ACFT planning to overfly the Melbourne CTR is 6,000FT (except for OPS to and from Melbourne or Essendon airports).

IFR ACFT with OPN RQ for a lower altitude due to low freezing level must contact the ML Traffic Manager (03) 9235 7337 to make suitable arrangements.

6.8. Alternative Routes

Any variation to the above flight planning requirements requires prior approval from the ML Traffic Manager (03) 9235 7337.

7. WESTERN AUSTRALIA

7.1. Perth, Jandakot or Pearce IFR Departures

DIRECTION	RESTRICTIONS	PLAN VIA ROUTE
WEST	FL160 and ABV	via T12 to OPEGA (Remains AVBL when M181, M171AB and M166 are active)
WEST (230 - 279 PH)	4000FT and BLW	Plan DCT routes
NORTH (Jet only)	1. AVBL only FL160 and ABV. 2. MNM GRAD 6% apply for airspace requirements (Ref: *AIP DAP - AVNEX SID*). ACFT unable to comply plan via AMANA.	via AVNEX
	When Pearce RA is active, aircraft departing Jandakot and tracking via AVNEX plan AVPES - VENUP - AVNEX.	
NORTH (Non-jet only)	1. AVBL only FL160 and ABV. 2. MNM GRAD ABV 5% apply for airspace requirements (Ref: AIP DAO - OTLED SID). ACFT unable to comply plan via REPOK.	via OTLED
	When Pearce RA is active, aircraft departing Jandakot and tracking via OTLED plan OSADA – IRNOD- LEVKA – OTLED.	
280-049 PH	BLW A090	Plan via OVLUK
	An alternate route OTKUN - BUVEL is AVBL for unpressurised ACFT at 5,000FT and BLW (levels up to 10,000FT may be AVBL on request). Special conditions apply when R156/R163/M166/M171A active. See Pearce entry.	
050-229 PH	BLW A090	Plan via suitable NAVAID or DCT
NORTH/EAST	Jet only A090 and ABV	via AMANA Y31 MANIG or via AMANA Y31 LAKIR Y69 BOSLI
NORTH/EAST	Non-jet only A090 and ABV	via REPOK Z87 AVGIK Z23 KATCM or via REPOK Z87 VILOD or via REPOK Z19 NINEK
SOUTH EAST	Jet only A090 and ABV	via HIDOT
SOUTH EAST	Non-jet only A090 and ABV	via MEVAD thence PUMRY
ALBANY	A090 and ABV	via SOLUS
SOUTH	A090 and ABV	via OLMAM
All visiting aircraft departing Pearce are to FLT PLN via Perth, thence the suggested route. On CLR issue, tracking may change depending on RWY in use at Perth.		

7.2. Perth, Jandakot or Pearce IFR Arrivals

DIRECTION	RESTRICTIONS	PLAN VIA ROUTE
WEST	FL160 and ABV	via OPEGA T12 PH DCT (Remains AVBL when M181, M171AB and M166 are active)
WEST(230 - 279 PH)	4000FT and BLW	Plan DCT routes
NORTH	Jet only	Via JULIM
NORTH WEST	FL160 and ABV. Non-jet only	via SAPKO
NORTH WEST	BLW A090	Plan via OVLUK
	An alternate route BUVEL - OTKUN is AVBL for unpressurised ACFT at 5,000FT and BLW (levels up to 10,000FT may be AVBL on request). Special conditions apply when R156/R163/M166/M171A active. See Pearce entry.	
NORTH	Non-jet only A090 and ABV	via OVLUK V16 SAPKO
050-229 PH	BLW A090	Plan via suitable NAVAID or DCT
EAST	Non-jet only A090 and ABV	via KELLA Z38 LAVEX or via MALUP Z52 LAVEX
EAST & SOUTH EAST	Jet only A090 and ABV	via MALUP KABLI
ALBANY	A090 and ABV	Via SOLUS
SOUTH	A090 and ABV	Via OLMAM

7.3. IFR TRAINING FLIGHTS

IFR training flights inbound to Perth to conduct aerial work from the Northeast through east to Southeast shall plan via either VILIN - PH or VEMON - PH at or BLW 8,000FT.

7.4. Perth - East Coast - Perth

For ACFT operating in the Great Australian Bight area, only ACFT that are RNAV or RNP capable may flight plan on the following one-way routes between waypoints listed:

ATS ROUTE	ENTRY WPT	EXIT WPT
Q32	KAMBI	NODEV
Y135	BURGU	AD VOR
Q33	LONLY	ESP VOR
Q158	ML VOR	ESP VOR
Y53	BURGU	MTG VOR

ACFT flight planning on these routes without correctly indicating their relevant navigation specification, will be recleared by ATC on a more suitable route.*The following navigation specifications are acceptable: RNP2; RNP4; RNAV5 with GNSS or IRS/INS; RNAV10 or RNP10.

7.5. R131 Diversion Routes

ATS route W159 and tactical waypoints facilitate diversion around R131ABCDEFG, in particular for flights arriving/departing Geraldton from/to the east. These ATS routes and waypoints provide RNP2, RNP4, RNAV10/RNP 10 and ADS-B equipped aircraft with the required separation from the lateral boundaries of R131ABCDEFG. The following tables outline the ATS route or waypoints to be used.

For ACFT equipped with RNP 2 and/or ADS-B	**FL250 and Below**	**Above FL250**
From YGGE to YGEL From other aerodromes to YGEL From YGEL to YGGE From YGEL to other aerodromes	ENVOS W159 GEL DCT PAGTA W159 GEL DCT DCT GEL W159 YGGE DCT GEL W159 PAGTA	DCT SHYNN GEL DCT DCT GEL SHYNN DCT
For ACFT equipped with RNP 4 or RNAV 10/RNP10	**FL 250 and below**	
From YGGE and other aerodromes to YGEL From YGEL to YGGE and other aerodromes	DCT SHYNN GEL DCT DCT GEL SHYNN DCT	

8. FLIGHT PLANNING - SYDNEY - NEW ZEALAND

DEP AD	**DEST**	**IFR Route Details**
YSSY	NZAA	via EVONN L521 LEGAN then NZZO Requirements
YSSY	NZCH	via CAWLY M636 PLUGA N750 SULON then NZZO Requirements
YSSY	NZDN	via OPTIC Y84 TONIM P766 OMKIN then NZZO Requirements
YSSY	NZHN	via EVONN L521 LEGAN then NZZO Requirements
YSSY	NZPM	via CAWLY M636 SASRO then NZZO Requirements
YSSY	NZQN	via OPTIC Y84 TONIM P766 OMKIN then NZZO Requirements
YSSY	NZWN	via CAWLY M636 SASRO then NZZO Requirements

9. FLIGHT PLANNING OPTIONS

This list does not provide every possible flight plan route option AVBL. The listed options can only be used in accordance with the Flight Plan Requirements as specified in paragraphs 1 - 7 of this section.

indicates alternate routing AVBL

% indicates route for jet ACFT only (Queensland and Western Australia only)

> indicates alternate route for Non-jet ACFT

@ indicates Jet only routes for military planning

NAIPS Stored Routes are identified by either L(number), H(number) or I(number). Refer to the Preflight Information and Flight Planning Manual, available online: www.airservicesaustralia.com/aip/aip.asp or www.airservicesaustralia.com/industry-info/flight-briefing.

The IFR route details provide the appropriate detail for inclusion in Field 15 of the ATS flight notification.

WPDL	YPDN			DCT DIL BACAU Z12 ELBIS M768 DN DCT (ABOVE F240)
WPDL	YPDN			DCT DIL PATBO Z10 ANUPA M768 DN DCT (AT OR BLW F240)
YABA	YPJT			DCT ABA W185 PAVSO V415 SOLUS W172 PH W114 JT DCT
YABA	YPPH			DCT ABA W185 PAVSO V415 SOLUS W172 PH DCT
YANG	YPPH	%	H1	DCT ATPAR ALDEL AVMAS Q31 AVPAL Q38 PH DCT
YAYE	YBCS			DCT AYE W408 AS J64 CS DCT
YAYE	YBMA			DCT AYE W408 AS J64 MA DCT
YAYE	YPPH			DCT AYE Q41 MALUP Q158 PH DCT
YBAF	YBNA			DCT ENKOG W128 HUUGO W760 IDNER W494 BNA DCT
YBAF	YGLA		L1	DCT BN V308 SAGLI AVLAN KETEN W231 GLA DCT
			L2	DCT BN V308 SAGLI W231 GLA DCT
YBAR	YBBN			DCT MOVBA Y684 SUSGI V307 BN DCT
YBAS	YBBN	%		DCT AS T11 ROM Y166 IDLEG V327 IGUPI Y340 LAMUG Y177 BN DCT
		>		DCT AS T11 ROM Y79 BN DCT
YBAS	YMML			DCT AS A461 LEC H119 ML DCT
YBAS	YPAD			DCT AS J251 WHA H84 AD DCT
YBAS	YPPH			DCT AS W408 AYE Q41 MALUP Q158 PH DCT
				DCT AS V656 ANGAS DCT SAROK Q41 MALUP Q158 PH DCT
YBAS	YSSY			DCT AS A576 APOMA Y52 GUVBO Y105 TARAL Y59 TESAT DCT
YBAS	YSWS			DCT AS A576 APOMA Y52 UPDAK DCT
YBAS	YSRI			DCT AS A576 PKS W460 STUIE DCT
YBBN	WADD	%		DCT BN V250 UNVAT TAVEV G326 ONOXA G326 WADD DCT
YBBN	YAYE	%		DCT BN V250 LEBIT V412 ROM T11 PULOL Q36 ANGAS V656 AYE DCT
		>		DCT BN Q484 MESED LIKTO ROM T11 PULOL Q36 ANGAS V656 AYE DCT
YBBN	YBAS	%		DCT BN V250 LEBIT V412 ROM T11 AS DCT
		>		DCT BN Q484 MESED LIKTO ROM T11 AS DCT

YBBN	YBCS	%		DCT BN Q67 CS DCT
		>		DCT BN V308 CS DCT
		>		DCT BN V308 SAGLI W231 GLA Q67 CS DCT
YBBN	YBHM	%		DCT BN Q67 OVRON DCT
		>		DCT BN V308 MK B462 OVRON DCT
YBBN	YBMA	%		DCT BN V250 UNVAT J89 MA DCT
YBBN	YBMK	%		DCT BN Q67 RUNLA Q493 EMSUP V308 MK DCT
		>		DCT BN V308 MK DCT
YBBN	YBNA			DCT BN H91 HUUGO W760 IDNER W494 BNA DCT
YBBN	YBRK	%		DCT BN Q67 LOAFA Q64 OLDIB V308 RK DCT
		>		DCT BN V308 RK DCT
YBBN	YBTL	%		DCT BN Q67 RUNLA Q493 EMSUP V308 TL DCT
		#		DCT BN V308 TL DCT
YBBN	YBWW	>	L1	DCT BN Q484 RUDEY BIVAT DCT
		%	H1	DCT BN V250 IBUNA BIVAT DCT
YBBN	YCFS			DCT BN H91 HUUGO W760 IDNER W214 CFS DCT
YBBN	YEML	>		DCT BN Q484 MESED LIKTO UNVAT EML DCT
		%		DCT BN V250 IBUNA Q473 IGUPI V129 EML DCT
YBBN	YGLA	%		DCT BN Q67 GLA DCT
		>		DCT BN V308 SAGLI W231 GLA DCT
YBBN	YHBA	%		DCT BN Q67 GUDSO Q24 TERUV HAAVI DCT
		>		DCT BN V308 SAGLI Z98 HAAVI DCT
YBBN	YMAV			DCT BN H91 SANEG Q35 DORSU H119 ML W15 AV DCT
YBBN	YMEN			DCT BN H91 ADMAR Q78 OLTIN H201 TESAT WOL H65 LEECE Q29 LUVAS Q205 COLDS V512 ESDAN DCT
YBBN	YMHB		H1	DCT BN H91 ADMAR Q78 OLTIN H201 TESAT H65 WOL H20 MOTRA W407 TASUM DCT
YBBN	YMLT		H1	DCT BN H91 ADMAR Q78 OLTIN H201 TESAT H65 WOL H20 OTKED J22 LT DCT
YBBN	YMML			DCT BN H91 SANEG Q35 DORSU H119 ML DCT
YBBN	YMRB	>		DCT V308 SAGLI W231 GLA W636 RK W518 NIPOM DCT
		#		DCT Q484 LIKTO Q421 UNVAT W270 EML W613 NIPOM DCT
YBBN	YPAD			DCT BN H91 SANEG Q4 PAVBI Q16 MIA Q4 WOONA Q60 KAKLU H309 AD DCT If R570C or D active: DCT BN H91 SANEG Q4 WOONA Q60 KAKLU H309 AD DCT
YBBN	YPDN			DCT BN V250 IBUNA Q473 IGUPI V129 EML T13 NTN J138 SURVO Q95 BEBEN Q91 ALLEE Q23 DN DCT
YBBN	YPPH		H1	DCT BN H91 SANEG Q4 IDBUG Q42 ANROM T33 LEC J141 KG Q41 MALUP Q158 PH DCT
YBBN	YROM	>		DCT BN Q484 MESED LIKTO ROM DCT
YBBN	YSCB		H1	DCT BN H91 SANEG Q35 PKS W703 CWR W137 CB DCT
		%	H2	DCT BN H91 ADMAR Q78 OLTIN H201 TESAT H65 CB DCT
		>		DCT BN H91 ADMAR Q78 OLTIN H201 TESAT V169 CB DCT

YBBN	YSSY	%		DCT BN H91 ADMAR Q404 ADMOD Y50 TESAT DCT
		>		DCT BN H91 SANAD W786 OLTIN H201 TESAT DCT
YBBN	YSWS			DCT BN H91 SANEG Q6 POSUT Q58 UPDAK DCT
YBBN	YTNG	%		DCT BN Q67 ROROX DCT
		>		DCT BN V308 SAGLI W228 SUSGI W727 ROROX DCT
YBBN	YWLM	%	H1	DCT BN H91 SANAD V779 LAXUM WLM DCT
		>		DCT BN H91 HUUGO W760 IDNER LOSKU SORTI V672 LAXUM WLM DCT
			L1	DCT BN H91 SANAD V779 WLM DCT
YBCG	YBBN			DCT GOMOL H252 BN DCT
YBCG	YBNA			DCT GOMOL W412 BNA DCT
YBCG	YBSU	%		DCT GOMOL Q69 SU DCT
YBCG	YMEN			DCT GOMOL Q16 APAGI H91 ADMAR Q78 OLTIN H201 TESAT WOL H65 LEECE Q29 LUVAS Q205 COLDS V512 ESDAN DCT
YBCG	YMHB		H1	DCT GOMOL Q16 APAGI H91 ADMAR Q78 OLTIN H201 TESAT H65 WOL H20 MOTRA W407 TASUM DCT
YBCG	YMLT		H1	DCT GOMOL Q16 APAGI H91 ADMAR Q78 OLTIN H201 TESAT H65 WOL H20 OTKED J22 LT DCT
YBCG	YMML			DCT GOMOL Q16 ISKIM Q35 DORSU H119 ML DCT
YBCG	YPAD			DCT GOMOL Q16 MIA Q4 WOONA Q60 KAKLU H309 AD DCT If R570C or D active: DCT GOMOL Q16 PAVBI Q4 WOONA Q60 KAKLU H309 AD DCT
YBCG	YSCB	%		DCT GOMOL Q16 APAGI H91 ADMAR Q78 OLTIN H201 TESAT H65 CB DCT
YBCG	YSSY	%		DCT GOMOL Q16 APAGI H91 ADMAR Q404 ADMOD Y50 TESAT DCT
YBCG	YSWS			DCT GOMOL Q16 APAGI Q58 UPDAK DCT
YBCG	YWLM	>		DCT GOMOL W214 IDNER H98 SANAD V779 LAXUM WLM DCT
		%		DCT GOMOL Q16 APAGI H91 SANAD V779 LAXUM WLM DCT
YBCK	YBBN			DCT BELUL Y408 PONAN Y684 SUSGI V307 BN DCT
YBCS	YAYE			DCT CS J64 AS V656 AYE DCT
YBCS	YBBN			DCT CS DCT AKROM Y177 BN DCT
		>		DCT CS V264 IGIKI V153 TL W258 LINSU W228 SUSGI V307 BN DCT
YBCS	YBCG			DCT CS DCT AKROM Y177 IDRIL NOPAS GOMOL DCT
YBCS	YBHM			DCT CS DCT AKROM Z17 OVRON DCT
YBCS	YBMA			DCT CS J64 MA DCT
YBCS	YBSG			DCT CS W309 COE DCT
YBCS	YBTL			DCT CS V264 IGIKI V153 TL DCT
YBCS	YGTE			DCT CS J61 GUGUK J27 GTE DCT
YBCS	YLHR			DCT CS W567 LHR DCT
YBCS	YMBA			DCT CS J64 NONUM DCT

YBCS	YMML			DCT CS Y177 AKROM R346 TL Q30 MATAR Y33 DUBED Q35 DORSU H119 ML DCT
YBCS	YPAD		H1	DCT CS J64 ONARA SARIK NONET OOM J37 ATLIB H630 NIMEK H135 AD DCT
YBCS	YPDN			DCT CS J61 DUMAV Q91 ALLEE Q23 DN DCT
		>		DCT CS W281 VEVAV W473 DUMPA KARRA GATOR DN DCT
YBCS	YPGV	#		DCT CS J151 GV DCT
		#		DCT CS J61 GUGUK B472 GV DCT
YBCS	YSSY			DCT CS DCT AKROM Y153 ROKUU H652 OVNOM Y50 TESAT DCT
YBCS	YSWS			DCT CS DCT AKROM Y153 ROKUU H652 TIABB Q58 UPDAK DCT
YBCV	YTWB	#		DCT CV W356 OK W831 BIVAT DCT
YBGD	YPPH			DCT IGASO L514 AVPAL Q38 JULIM PH DCT
YBHM	YBBN	%		DCT OVRON B462 MK V153 MUNAR Y61 RUROX Y177 BN DCT
		>		DCT OVRON B462 MK V153 LERKI W258 COBES W228 SUSGI V307 BN DCT
YBHM	YBCS			DCT OVRON Q67 CS DCT
YBHM	YBSU	%		DCT OVRON B462 MK V153 MUNAR Y61 RUROX W727 SUSGI W534 SU DCT
		>		DCT OVRON B462 MK V153 LERKI W258 COBES W228 SUSGI W534 SU DCT
YBHM	YMML			DCT OVRON B462 MK W472 EML DCT MIMIB Y33 DUBED Q35 DORSU H119 ML DCT
YBHM	YSSY			DCT OVRON B462 MK H652 OVNOM Y50 TESAT DCT
YBHM	YSWS			DCT OVRON B462 MK H652 TIABB Q58 UPDAK DCT
YBMA	YBBN	%		DCT MA J89 UNVAT V327 IGUPI Y340 LAMUG Y177 BN DCT
		>		DCT MA J89 PUDUR Y408 PONAN Y684 SUSGI V307 BN DCT
YBMA	YBCS			DCT MA J64 CS DCT
YBMA	YPDN			DCT MA DCT NITUN Q57 MIGAX A464 TN Q23 DN DCT
YBMA	YMTI		L1	DCT MA W349 VESOP DCT
			L2	DCT MA W879 VESOP DCT
YBMK	YBBN	%		DCT MK V153 MUNAR Y61 RUROX Y177 BN DCT
		>		DCT MK V153 LERKI W258 COBES W228 SUSGI V307 BN DCT
YBMK	YBCS	>		DCT MK V308 CS DCT
				DCT MK B462 OVRON Q67 CS DCT
YBMK	YMML			DCT MK H652 ALAXU SAPNO Y33 DUBED Q35 DORSU H119 ML DCT
YBNA	YBAF			DCT BNA W494 IDNER W760 HUUGO DCT ENKOG DCT
YBNA	YBBN			DCT BNA W412 GOMOL H252 BN DCT
YBNA	YBCG			DCT BNA W412 GOMOL DCT
YBNA	YMEN			DCT BNA W494 IDNER H98 SANAD W786 OLTIN H201 TESAT WOL H65 LEECE Q29 LUVAS Q205 COLDS V512 ESDAN DCT

YBNA	YMML			DCT BNA W494 IDNER Q218 ISKIM Q35 DORSU H119 ML DCT
YBNA	YSSY			DCT BNA W494 IDNER Q209 CLIFF H91 ADMAR Q404 ADMOD Y50 TESAT DCT
		>		DCT BNA V400 CFS W656 OLTIN H201 TESAT DCT
		>		DCT BNA W494 IDNER H98 VIMEG DCT LOSKU W342 OLTIN H201 TESAT DCT
YBNA	YSWS	>		DCT BNA W256 LOKSU W342 JOKER J70 INOKE Z233 ELKAB Z400 DAGVA Q58 UPDAK
		#		DCT BNA Q209 CLIFF POSUT Q58 UPDAK DCT
YBNA	YWLM			DCT BNA W494 IDNER H98 SANAD V779 WLM DCT
		>		DCT BNA V400 CFS W656 SORTI V672 LAXUM WLM DCT
YBPN	YBBN	%		DCT PN Y495 COCKA Y177 BN DCT
		>		DCT PN W387 MK V153 LERKI W258 COBES W228 SUSGI V307 BN DCT
YBPN	YSSY			DCT PN W387 MK H652 OVNOM Y50 TESAT DCT
YBPN	YSWS			DCT PN W387 MK H652 TIABB Q58 UPDAK DCT
YBRK	YBBN	%		DCT RK V111 RUROX Y177 BN DCT
		>		DCT RK V111 BUDGI V99 SUSGI V307 BN DCT
YBRK	YBUD			DCT RK W636 BUD DCT
YBRM	YPDN			DCT BRM J93 CIN J151 IRPOM JULUP J72 DN DCT
YBRM	YPKA			DCT BRM J93 KA DCT
YBRM	YPKU	>		DCT BRM W287 MAMUT J93 KU DCT
				DCT BRM J93 KU DCT
YBRM	YPPH	%		DCT BRM Q38 PH DCT
		>		DCT BRM Q38 NWN V16 WOORA Q38 PH DCT
YBRY	YPPH		L1	DCT OLRUN DCT NOGAS DCT AVMAS Q31 AVPAL Q38 PH DCT
YBSU	YBBN	%		DCT SU Q35 MUDDL BN DCT
		>		DCT SU V217 GAYLA V307 BN DCT
YBSU	YBCG			DCT SU Q35 MUDDL IDRIL NOPAS GOMOL DCT
YBSU	YMML	%		DCT SU Q35 DORSU H119 ML DCT
YBSU	YSSY			DCT SU Q35 SANEG H91 ADMAR Q404 ADMOD Y50 TESAT DCT
YBSU	YSWS			DCT SU Q35 SANEG Q6 POSUT Q58 UPDAK DCT
YBTH	YSBK			DCT BTH W575 REVKI Z97 PILAK DCT (expect A060 by WELSH)
YBTH	YSSY	>		DCT BTH Q202 RUPEM V138 ANNKY W113 ANKUB TESAT DCT
				DCT BTH MAKKA Y105 TARAL Y59 TESAT DCT
YBTH	YSWS			DCT BTH Q202 RUPEM Y52 UPDAK DCT
YBTL	YBBN	%		DCT TL W258 LINSU W228 COCKA Y177 BN DCT
		>		DCT TL W258 LINSU W228 SUSGI V307 BN DCT
YBTL	YBCS	%		DCT TL R346 RUMKA Q67 CS DCT
				DCT TL V308 BARIA Q67 CS DCT
YBTL	YMML		L1	DCT TL Q30 MATAR Y33 DUBED Q35 DORSU H119 ML DCT

YBTL	YOSB			DCT TL W469 HUG DCT
YBTL	YSSY			DCT TL W258 JEMMA Y153 ROKUU H652 OVNOM Y50 TESAT DCT
YBTL	YSWS			DCT TL W258 JEMMA Y153 ROKUU H652 TIABB Q58 UPDAK DCT
YBUD	YBBN	%		DCT BUD V163 LAMUG Y177 BN DCT
		>		DCT BUD V315 OTLEB V307 BN DCT
YBWW	YBBN			DCT BIVAT Y241 WOODY Y79 BN DCT
YBWW	YBNA			DCT DEBEE W356 IDNER W494 BNA DCT
YBWW	YMML			DCT EMSOD Q607 UPMOG Q872 IKEKO DCT BOBOP Q4 TAXEG DCT EKABO Q35 DORSU H119 ML DCT
YBWW	YSGE		L1	DCT LUKEY LOFFA DCT
YBWW	YSSY	>	L1	DCT GUMBA Q607 UPMOG Q872 ALDAR W128 SANAD W786 OLTIN H201 TESAT DCT
		%		DCT GUMBA Q607 UPMOG Q872 ALDAR DCT ADMAR Q404 ADMOD Y50 TESAT DCT
YBWW	YSWS			DCT GUMBA Q607 UPMOG Q872 IKEKO DCT MASMI W411 POSUT Q58 UPDAK
YBWX	YPPH	%		DCT VENGA Y208 BORVI B469 TOPIR L514 AVPAL Q38 PH DCT
		>		DCT VENGA Y208 BORVI B469 TOPIR W206 OVLUK V16 WOORA Q38 PH DCT
YCAR	YPPH	>		DCT CAR B469 TOPIR W206 OVLUK V16 WOORA Q38 PH DCT
		>		DCT CAR W14 OTKUN PH DCT (refer *GEN-FPR para 7*)
YCDU	YPAD			DCT CDU V621 ATNAR N640 AD DCT
YCFS	YBBN			DCT CFS W214 IDNER H66 LAGOB H252 BN DCT
		>		DCT CFS W214 GOMOL H252 BN DCT
YCFS	YLIS	#		DCT CFS W418 GFN W446 RIDVO DCT
YCFS	YMML			DCT CFS J70 COOPA OLTIN H201 TESAT H65 LEECE Q29 ML DCT
YCFS	YSBK			DCT CFS W656 OLTIN H201 MEPIL Z88 PILAK DCT (expect OCTA YAKKA - OMUVU, A020 by OMUVU)
YCFS	YWLM			DCT CFS W656 SORTI V672 LAXUM WLM DCT
		#		DCT CFS W196 UGPOT V672 LAXUM WLM DCT
YCHK	YPPH	%	H1	DCT PANBI DCT RIPMA DCT OPALL Q38 PH DCT
YCOM	YSSY			DCT COM W290 CB W423 CULIN Y59 TESAT DCT
		#		DCT COM W290 CB W122 ANNKY W113 TESAT DCT (refer requirements)
YCOM	YSWS			DCT COM W290 CB W137 AVBEG W184 ENVOL Y52 UPDAK DCT
YCWA	YPPH	%	H1	DCT KAPGA Q31 AVPAL Q38 PH DCT
YCWR	YSSY			DCT CWR W168 ANNKY W113 ANKUB TESAT DCT
YCWR	YSWS			DCT CWR V599 ENVOL Y52 UPDAK DCT
YDLO	YPPH	>		DCT KELLA Z38 PH DCT
YDPO	YMML			DCT IRSOM V246 ONAGI H215 RAZZI W687 ML DCT

YEML	YBBN	%		DCT EML Y409 BESBO Y177 BN DCT
		>		DCT EML W186 SUSGI V307 BN DCT
YESP	YPPH	>		DCT ESP Q158 MALUP Z52 LAVEX Z38 PH DCT
YEWA	YPPH			DCT GUTLI L514 AVPAL Q38 JULIM PH DCT
YFDF	YPPH	%	H1	DCT ISLIP Q181 AVPAL Q38 PH DCT
YGEL	YPPH	%		DCT GEL Z41 HINDS Q38 PH DCT
		>		DCT GEL Z41 TEBIP V16 WOORA Q38 PH DCT
		>		DCT GEL W14 OTKUN PH DCT (refer *GEN-FPR para 7*)
YGFN	YSSY			DCT GFN W334 LOSKU W342 OLTIN H201 TESAT DCT
YGFN	YSWS			DCT GFN W334 LOSKU W342 JOKER J70 INOKE Z233 ELKAB Z400 DAGVA Q58 UPDAK DCT
YGGE	YPPH	%		DCT IKEVA AVPAL Q38 PH DCT
		>		DCT IKEVA Q65 OVLUK V16 WOORA Q38 PH DCT
YGIA	YPPH	%	H1	DCT NWN Q38 PH DCT
YGLA	YBBN	>		DCT GLA W347 SUSGI V307 BN DCT
		%		DCT GLA BESBO Y177 BN DCT
YGLA	YSSY	%		DCT GLA BESBO SMOKA Y177 BN H91 ADMAR Q404 ADMOD Y50 TESAT DCT
		>		DCT GLA W347 SUSGI V307 BN H91 SANAD W786 OLTIN H201 TESAT DCT
YGLA	YSWS			DCT GLA W347 SUSGI V307 BN H91 APAGI Q58 UPDAK DCT
YGTE	YBCS			DCT GTE J27 GUGUK J61 CS DCT
YHBA	YBBN	%		DCT HAAVI W699 SOSTU V221 LAMUG Y177 BN DCT
		>		DCT HAAVI W699 SOSTU V372 OTLEB V307 BN DCT
YHBA	YSSY			DCT HAAVI T55 ITIDE MUDDL HUUGO H91 ADMAR Q404 ADMOD Y50 TESAT DCT
YHOT	YSSY			DCT SOVRU W222 CB W122 ANNKY W113 ANKUB TESAT DCT (Restriction NOT ABV FL200 CB-AKMIR)
YHOT	YSWS			DCT SOVRU W222 CB W137 AVBEG W184 ENVOL Y52 UPDAK DCT
YIBO	YPPH			DCT GOOTA Q9 AVPAL Q38 JULIM PH DCT
YIVL	YSSY			DCT IVL V779 SANAD W786 OLTIN H201 TESAT DCT
YIVL	YSWS			DCT IVL DCT EKABO Q58 UPDAK DCT
YKAR	YPPH			DCT OVLUK V16 WOORA Q38 PH DCT
YKDD	YPPH			DCT YBRY OLRUN NOGAS AVMAS Q31 AVPAL Q38 PH DCT
YKII	YMMB	#		DCT KII W673 MB DCT
		#		DCT KII W405 TAITE W538 MB DCT
YKMP	YSSY			DCT KADSI W403 SORTI W656 OLTIN H201 TESAT DCT
YKMP	YSWS			DCT KADSI W403 SORTI Z233 ELKAB Z400 DAGVA Q58 UPDAK DCT
YKSC	YPAD			DCT VAVPA V175 AD DCT
YLEO	YPPH	>		DCT LEO Z22 MULDM Z38 PH DCT
		%		DCT LEO Z22 MULDM Z38 KELLA KABLI Q158 PH DCT
YLHI	YSSY			DCT LHI H258 RIKNI N774 TESAT DCT

YLHI	YSWS			DCT LHI H258 RIKNI N774 TESAT T2 UPDAK DCT
YLHR	YBCS			DCT LHR W567 CS DCT
YLIS	YCFS			DCT RIDVO W446 GFN DCT CFS DCT
YLIS	YSSY		L3	DCT RIDVO LOSKU W342 OLTIN H201 TESAT DCT
YLIS	YSWS			DCT RIDVO LOSKU W342 JOKER J70 INOKE Z233 ELKAB Z400 DAGVA Q58 UPDAK DCT
YLRE	YBBN			DCT LRE MOVBA Y684 SUSGI V307 BN DCT
YLST	YPPH	%		DCT LST SUGAB Q11 NOMAV Q25 DALWU Q38 PH DCT
		>		DCT LST DCT BULGI KELLA Z38 PH DCT
YMAV	YBBN			DCT AV W190 ML H66 LAGOB H252 BN DCT
YMAV	YPAD			DCT AV W190 ML H345 AD DCT
YMAV	YSSY			DCT AV W190 ML H129 DOSEL Y59 TESAT DCT
YMAV	YSWS			DCT AV W190 ML H129 DOSEL W569 BOGES W654 METUV Y35 ENVOL Y52 UPDAK DCT
YMAY	YMML			DCT AY V147 TEMIS V169 ML DCT
YMAY	YSCB	#		DCT AY W335 IGDEL W545 CB DCT
		#		DCT AY W335 WOLBI W377 CB DCT
YMAY	YSSY	>		DCT AY W817 ANNKY W113 ANKUB TESAT DCT
				DCT AY J42 ARRAN Y59 TESAT DCT
YMAY	YSWS			DCT AY W638 WG W654 METUV Y35 ENVOL Y52 UPDAK DCT
YMBA	YBCS			DCT NONUM J64 CS DCT
YMDG	YSBK			DCT MUDGI VIRUR Y14 RUPEM Y52 REVKI Z97 PILAK DCT (expect A060 by WELSH)
		#		DCT MUDGI T14 AGVUB Z214 MONDO H201 MEPIL Z88 PILAK DCT (expect OCTA YAKKA - OMUVU, A020 by OMUVU)
YMDG	YSSY	#		DCT MUDGI VIRUR Y14 RUPEM V138 ANNKY W113 ANKUB TESAT DCT (restriction: Not ABV FL160)
		#		DCT MUDGI T14 AGVUB Z214 MONDO H201 TESAT DCT
YMDG	YSWS			DCT MUDGI VIRUR Y14 RUPEM Y52 UPDAK DCT
YMDG	YWLM			DCT MUDGI T14 AGVUB Z214 MONDO DCT PUDUT V402 WLM DCT
YMEK	YPPH	>		DCT MEK V16 WOORA Q38 PH DCT
		>		DCT MEK V16 OVLUK PH DCT (refer *GEN-FPR para 7*)
YMEN	YPAD			DCT ESDAN ML H345 AD DCT
YMEN	YSHT			DCT ESDAN ML H50 MNG W477 SHT DCT
YMEN	YSSY			DCT ESDAN ML H129 DOSEL Y59 TESAT DCT
		>		DCT ESDAN ML H129 DOSEL W569 AY W817 ANNKY W113 ANKUB TESAT DCT
YMEN	YSWS			DCT ESDAN ML H129 DOSEL W569 BOGES W654 METUV Y35 ENVOL Y52 UPDAK DCT
YMEN	YWSL	>		DCT ESDAN ML W687 RAZZI W449 BULKO DCT
YMER	YMML		L2	DCT MER W441 TEMIS V169 ML DCT
		#		DCT MER W297 ESL V434 DUNNE V650 BADGR N759 ML DCT

YMER	YSBK			DCT MER W151 ATGOD W40 ANNKY W113 AKMIR DCT WELSH Z97 PILAK DCT (expect A060 by WELSH)
YMER	YSSY			DCT MER W151 ATGOD W40 ANNKY W113 ANKUB TESAT DCT
YMER	YSWS			DCT MER W643 CB W137 AVBEG W184 ENVOL Y52 UPDAK DCT
YMHB	YBBN			DCT TASUM H111 LT W218 VIMAP Y327 MAKRL J163 CB W137 AVBEG W184 MUDGI H66 LAGOB H252 BN DCT
YMHB	YMML			DCT TASUM H111 LT H215 RAZZI W687 ML DCT
YMHB	YPAD			DCT TASUM T234 BORTO H345 AD DCT
			H1	DCT TASUM H111 LT W105 WYY W564 KII OKISI T234 BORTO H345 AD DCT
YMHB	YSCB			DCT TASUM H111 LT W218 VIMAP Y327 MAKRL POLLI CB DCT
YMHB	YSSY		L1	DCT TASUM H111 LT W218 VIMAP Y327 MAKRL J163 CB W423 CULIN Y59 TESAT DCT
YMHB	YSWS			DCT TASUM H111 LT W218 VIMAP Y327 MAKRL J163 CB W137 AVBEG W184 ENVOL Y52 UPDAK DCT
YMIA	YMML			DCT MIA H102 NATYA H119 ML DCT
YMIA	YPAD			DCT MIA H309 AD DCT
YMLT	YMML			DCT LT H215 RAZZI W687 ML DCT
YMLT	YPAD		H1	DCT LT W105 WYY W564 KII OKISI T234 BORTO H345 AD DCT
YMLT	YSSY			DCT LT W218 VIMAP Y327 MAKRL J163 CB W423 CULIN Y59 TESAT DCT
YMLT	YSWS			DCT LT W218 VIMAP Y327 MAKRL J163 CB AVBEG W184 ENVOL Y52 UPDAK DCT
YMMB	YKII	#		DCT MB W673 KII DCT
		#		DCT MB W538 TAITE W405 KII DCT
YMMB	YPAD			DCT MB W661 ML H345 AD DCT
YMMI	YPPH	%		DCT MULDM Z38 KELLA KABLI Q158 PH DCT
		>		DCT MULDM Z38 PH DCT
YMML	WIII			DCT ML H345 AD A585 HLM DKI DCT
YMML	YBAS			DCT ML H164 LEC A461 AS DCT
YMML	YBBN			DCT ML H66 LAGOB H252 BN DCT
YMML	YBCG			DCT ML H66 URKER Y54 BERNI Y43 GREAV GOMOL DCT
YMML	YBCS			DCT ML H50 MNG Q76 NONUM J64 CS DCT
YMML	YBHM		H1	DCT ML H50 MNG Q76 PORIV MIMIB AKUMI ESKUT Q141 OVRON DCT
		#	H2	DCT ML H50 MNG Q76 OPAXA EML W472 MK B462 OVRON DCT
YMML	YBMK			DCT ML H66 MUDGI H530 KABIX UNVAT RUROX RK EMSUP V308 MK DCT
				DCT ML H50 MNG Q76 ISGEL Y27 VERAV BINAG SGE UNVAT RUROX RK V308 MK DCT
YMML	YBNA			DCT ML H66 URKER Y54 OLRIP Y130 BNA DCT
YMML	YBSU			DCT ML H66 IDNER W214 GOMOL Q69 SU DCT

YMML	YBTL			DCT ML H50 MNG Q76 LAKOT Y80 VOMPA Q165 TL DCT
YMML	YBWW			DCT ML H66 TW EMTID Y27 EDPEG LAREG Y24 UDERI DCT
YMML	YGLA			DCT ML H50 MNG Q76 ISGEL Y27 VERAV BINAG SGE UNVAT ROX GLA DCT
YMML	YMHB			DCT ML H169 IRSOM V33 TASUM DCT
YMML	YMIA			DCT ML V376 MIA DCT
YMML	YMLT			DCT ML H169 IRSOM W105 LT DCT
YMML	YMTG			DCT ML V126 ESDIG W191 MTG DCT
YMML	YPAD			DCT ML H345 AD DCT
YMML	YPDN			DCT ML H164 KEPPA H336 NATYA J19 BHI T25 TNK J30 TN Q23 DN DCT
				DCT ML H164 LEC A461 AS J251 TN Q23 DN DCT
YMML	YPPH	#		DCT ML H345 AD N640 KAMBI Q32 NODEV Q10 MALUP Q158 PH DCT
		#		DCT ML Q158 PH DCT
		#		DCT ML V126 NOGIP T134 TAPAX Q27 MALUP Q158 PH DCT
		#		DCT ML V126 NOGIP T65 TEKUP L513 TAPAX Q27 MALUP Q158 PH DCT
				DCT ML H345 BORTO Q46 LESON Q33 ESP Q158 PH DCT
YMML	YSCB	>		DCT ML H129 DOSEL W569 AY J42 CB DCT
				DCT ML H129 DOSEL Y59 ARRAN J42 CB DCT
YMML	YSSY	>		DCT ML H129 DOSEL W569 AY W817 ANNKY W113 ANKUB TESAT DCT
				DCT ML H129 DOSEL Y59 TESAT DCT
YMML	YSWS			DCT ML H129 DOSEL W569 BOGES W654 METUV Y35 ENVOL Y52 UPDAK DCT
YMML	YWLM			DCT ML H129 DOSEL Y59 TESAT H252 EKIPU WLM DCT
YMML	YWYY			DCT ML H169 SUNTI W495 WYY DCT
YMND	YSSY			DCT MONDO H201 TESAT DCT
YMNE	YPPH	%		DCT YMNE SUGAB Q11 NOMAV Q25 DALWU Q38 PH DCT
YMOR	YSSY	#		DCT MOR W542 TW W130 OLTIN H201 TESAT DCT
YMOR	YSWS			DCT MOR W542 OVNOM H652 TIABB Q58 UPDAK DCT
		#		DCT MOR W542 TW Y50 IRPIR DCT DAGVA Q58 UPDAK DCT (R560/R570 active)
YMRB	YBBN	>		DCT NIPOM W727 SUSGI V307 BN DCT
YMRY	YSSY		L1	DCT URBOB W40 ANNKY W113 ANKUB TESAT DCT
				DCT URBOB W40 ANNKY W113 ANKUB DCT
YMRY	YSWS			DCT URBOB W529 CB W137 AVBEG W184 ENVOL Y52 UPDAK DCT
YMTG	YMML			DCT MTG Y53 ALAXO V279 ML DCT
YMTG	YPAD	>		DCT MTG V259 AD DCT
YMTI	YBMA		L1	DCT VESOP W349 MA DCT
YMTI	YBMA		L2	DCT VESOP W879 MA DCT
YMYB	YBBN			DCT SOSTU V372 LAVEG V307 BN DCT

YNAR	YSSY		L2	DCT VINOP W762 ANNKY W113 ANKUB TESAT DCT
YNBR	YSSY			DCT NBR Z511 OLRON W572 NIXUG W702 OLTIN H201 TESAT DCT
		#		DCT NBR Z321 TW W130 OLTIN H201 TESAT DCT (R560/R570 active)
YNWN	YPPH	%		DCT NWN Q38 PH DCT
		>		DCT NWN V16 WOORA Q38 PH DCT
YOLD	YPAD		L1	DCT POLUP W566 WHA H84 AD DCT
		#	L2	DCT OMKEK GAANY Z92 WHA H84 AD DCT
		#	L3	DCT OMKEK HAZOS WHA H84 AD DCT
YOLW	YPPH	%		DCT VESIM Y208 BORVI B469 TOPIR L514 AVPAL Q38 PH DCT
		>		DCT VESIM Y208 BORVI B469 TOPIR W206 OVLUK V16 WOORA Q38 PH DCT
YOOM	YPAD			DCT OOM J37 ATLIB H630 NIMEK H135 AD DCT
YORG	YSSY			DCT VIRUR MAKKA Y105 TARAL Y59 TESAT DCT
		>		DCT VIRUR Y14 RUPEM V138 ANNKY W113 ANKUB TESAT DCT
YORG	YSWS			DCT VIRUR Y14 RUPEM Y52 UPDAK DCT
YOSB	YBTL			DCT HUG W469 TL DCT
YPAD	YBAS			DCT AD A585 AREPA J58 WHA J251 AS DCT
YPAD	YBBN			DCT AD UPROT Y27 IGIPA Y46 EMTID Y27 BN DCT If R570C or D active DCT AD UPROT Y27 BN DCT
YPAD	YBCG			DCT AD UPROT UBDIB Y54 BERNI Y43 GOMOL DCT
YPAD	YBCS		H1	DCT AD H246 OOM NONET SARIK ONARA J64 CS DCT
YPAD	YBHI		L2	DCT AD W426 BHI DCT
YPAD	YBRM			DCT AD A585 AREPA Q8 AKDAV T20 BRM DCT
YPAD	YBTL			DCT AD H246 ORBUN ELMOL LRE DCT LAKOT Y80 VOMPA Q165 TL DCT
YPAD	YCBP		L2	DCT AD W238 RUKNA W142 WHA W274 CBP DCT
YPAD	YCDU			DCT AD A585 CDU DCT
YPAD	YKSC			DCT AD V504 VAVPA DCT
YPAD	YMAV			DCT AD V255 BENDO Y218 TYNDI Y53 ALAXO W382 IGNES W15 AV DCT
YPAD	YMEN		L1	DCT AD V255 BENDO Y218 TYNDI Y53 ALAXO W382 ESDAN DCT
YPAD	YMHB			DCT AD V255 BENDO Y218 GRACY T234 URBEN Y557 MORGO V33 TASUM DCT
YPAD	YMIA			DCT AD V361 MIA DCT
YPAD	YMLT		L2	DCT AD V255 BENDO Y218 GRACY T234 OKISI KII W564 WYY W105 LT DCT
YPAD	YMMB		L1	DCT AD V255 BENDO V211 PUBAP W291 AV W635 MB DCT
YPAD	YMML		H1	DCT AD V255 BENDO Y12 ARBEY H119 ML DCT
		>	L1	DCT AD V255 BENDO V211 PUBAP W291 ALAXO V279 ML DCT
YPAD	YMTG	>		DCT AD W519 MTG DCT

YPAD	YOLD		L1	DCT AD W238 AVPAS DCT
			L2	DCT AD W238 AVPAS HAZOS OMKEK DCT
			L3	DCT AD W238 RUKNA W142 WHA Z92 GAANY OMKEK DCT
			L4	DCT AD W238 RUKNA W142 WHA HAZOS OMKEK DCT
			L5	DCT AD W238 RUKNA W142 WHA W566 POLUP DCT
			L6	DCT AD W238 AVPAS GAANY OMKEK DCT
YPAD	YOOM			DCT AD H246 OOM DCT
YPAD	YPAG	>		DCT AD W238 AVPAS DCT
YPAD	YPDN			DCT AD A585 AREPA J58 WHA J251 TN Q23 DN DCT
YPAD	YPKG			DCT AD A585 AREPA H54 KAMBI T97 KG DCT
				DCT AD A585 AREPA H54 KAMBI N640 FRT J141 KG DCT
YPAD	YPIR	>		DCT AD W238 ACTIN W681 SUNAL DCT
YPAD	YPLC			DCT AD J15 TEDUS V538 PLC DCT
YPAD	YPPH	#		DCT AD A585 AREPA H54 KAMBI Q32 NODEV Q10 MALUP Q158 PH DCT
		#		DCT AD Q33 ESP Q158 PH DCT
YPAD	YREN			DCT AD V361 UPROT DOVOD DCT
YPAD	YSCB	>		DCT AD V255 WG W545 CB DCT
				DCT AD V255 BENDO H36 NONUP J142 CB DCT
YPAD	YSBK	>		DCT AD V255 WG W113 AKMIR WELSH Z97 PILAK DCT (expect A060 by WELSH)
YPAD	YSSY	>		DCT AD H247 NATYA W762 ANNKY W113 ANKUB TESAT DCT
				DCT AD H247 CULIN Y59 TESAT DCT
				DCT AD V255 WG W113 ANKUB TESAT DCT
YPAD	YSWS			DCT AD V255 WG W654 METUV Y35 ENVOL Y52 UPDAK DCT
YPAD	YWHA			DCT AD W238 RUKNA W142 WHA DCT
YPAG	YPAD			DCT AVPAS V384 MARGO H84 AD DCT
YPBO	YPPH	%		DCT PBO Q7 ISDOR Q9 AVPAL Q38 PH DCT
		>		DCT PBO Q7 ISDOR Q9 RULVI DCT OVLUK V16 WOORA Q38 PH DCT
YPDN	WPDL			DCT DN J61 IKUMA Z86 DIL DCT (ABOVE F240)
YPDN	WPDL			DCT DN J61 JULIE Z69 DIL DCT (AT OR BELOW F240)
YPDN	YBBN			DCT DN Y25 OPEKO A464 UNVAT V327 IGUPI Y340 LAMUG Y177 BN DCT
YPDN	YBCS			DCT DN Y25 RUPEG SOCAR J61 CS DCT
YPDN	YBMA	%		DCT DN Y25 OPEKO A464 MIGAX Y139 LEMUD MA DCT
		>		DCT DN J251 TN A464 MIGAX Y139 LEMUD MA DCT
YPDN	YPAD			DCT DN Y25 BEBUX Y83 GREGA J251 WHA H84 AD DCT
YPDN	YPPH			DCT DN J151 IRPOM NISAD REBIR WLU Q73 NOMAV Q25 DALWU Q38 PH DCT
				DCT DN J151 IRPOM KU J72 NONOK T63 BIDAP Q25 DALWU Q38 PH DCT
YPDN	YPGV			DCT DN Y25 RUPEG DCT TUSTU J151 GV DCT

YPDN	YSSY			DCT DN Y25 BEBUX T74 VEPAP Y105 TARAL Y59 TESAT DCT
YPDN	YSWS			DCT DN Y25 BEBUX T74 VEPAP Y105 GUVBO Y52 UPDAK DCT
YPGV	YBCS	#		DCT GV B472 GUGUK J61 CS DCT
		#		DCT GV J151 CS DCT
YPIR	YPAD			DCT SUNAL W681 ACTIN V432 MARGO H84 AD DCT
YPJT	YABA			DCT SOLUS W172 JOSBU V408 ABA DCT
YPJT	YPKG	>	L2	DCT JT W114 PH Z19 REPOK Z87 AVGIK Z23 KG DCT
YPJT	YMDN	%		DCT JT W114 PH Y31 AMANA DCT
YPKA	YPPH	%		DCT KA Y305 GUTLI L514 AVPAL Q38 PH DCT
		>		DCT KA Y305 GUTLI L514 PALTI OVLUK V16 WOORA Q38 PH DCT
YPKG	YPPH	%		DCT KG Q41 MALUP Q158 PH DCT
		>		DCT KG V242 KELLA Z38 PH DCT
		>		DCT KG V242 KELLA CUN PH DCT (refer *GEN-FPR para 7*)
YPKT	YPDN			DCT JULUP J72 DN DCT
YPKU	YBRM	>		DCT KU J93 MAMUT W287 BRM DCT
				DCT KU J93 BRM DCT
YPKU	YPPH	#		DCT KU J72 NONOK T63 BIDAP Q25 DALWU Q38 PH DCT
		#		DCT KU T27 VALRA Q73 NOMAV Q25 DALWU Q38 PH DCT
		#		DCT KU T27 VALRA W121 NWN Q38 PH DCT
YPKS	YSSY	>		DCT PKS W703 CWR W168 ANNKY W113 ANKUB TESAT DCT
				DCT PKS W703 CWR MAKKA Y105 TARAL Y59 TESAT DCT
YPKS	YSWS			DCT PKS W703 CWR W599 ENVOL Y52 UPDAK DCT
YPLC	YPAD			DCT PLC V707 ATNAR N640 AD DCT
YPLM	YPPH	%		DCT LM Y207 BORVI B469 TOPIR L514 AVPAL Q38 PH DCT
		>		DCT LM Y207 BORVI B469 TOPIR W206 OVLUK V16 WOORA Q38 PH DCT
YPMQ	YSBK			DCT PMQ W768 SORTI W656 OLTIN H201 MEPIL Z88 PILAK DCT (expect OCTA YAKKA - OMUVU, A020 by OMUVU)
YPMQ	YSSY	>		DCT PMQ W768 SORTI W656 OLTIN H201 TESAT DCT
				DCT PMQ W768 SORTI DCT IRPIR Y50 TESAT DCT
YPMQ	YSWS			DCT PMQ W768 SORTI Z233 ELKAB Z400 DAGVA Q58 UPDAK DCT
YPMQ	YWLM			DCT PMQ W768 SORTI V672 LAXUM WLM DCT
		#		DCT PMQ DCT UGPOT W603 WLM DCT
YPPD	YPPH	%		DCT PD Q9 AVPAL Q38 PH DCT
		>		DCT PD Q9 RULVI DCT OVLUK V16 WOORA Q38 PH DCT
YPPH	VHHH			DCT PH Y15 ESDEG Q587 METUM R592 BLI M522 VINIK M754 AKOTA A583 SABNO V541 BETTY DCT
YPPH	VTBD			DCT PH Y15 AVNEX N752 PLB G579 SJ B469 VPK M751 REGOS BKK DCT
				DCT PH Y15 ESDEG Q587 IGLUT T58 SAPDA A585 PLB G579 SJ B469 VPK M751 REGOS BKK DCT

YPPH	WADD			DCT PH Y15 ESDEG Q587 METUM R592 BLI DCT
YPPH	WIII			DCT PH Y15 ESDEG Q587 IGLUT T58 SAPDA A585 HLM DKI DCT
				DCT PH Y15 AVNEX N752 MALBI G209 XMX R206 LADIR DKI DCT
YPPH	WMKK			DCT PH Y15 AVNEX N752 PLB G579 VJB A457 VKL DCT
				DCT PH Y15 ESDEG Q587 IGLUT T58 SAPDA A585 PLB G579 VJB A457 VKL DCT
YPPH	WSSS			DCT PH Y15 AVNEX N752 PLB G579 SJ DCT
				DCT PH Y15 ESDEG Q587 IGLUT T58 SAPDA A585 PLB G579 SJ DCT
YPPH	YABA			DCT PH W172 JOSBU V408 ABA DCT
YPPH	YANG	%	L1	DCT PH Y15 ESDEG Y60 TUSVA GOKUP DCT
YPPH	YAYE	%		DCT PH Y31 LAKIR Y69 UPRUN W408 AYE DCT
YPPH	YBAS	%		DCT PH Y31 LAKIR Y69 UPRUN W408 AS DCT
YPPH	YBGD			DCT PH AVNEX Y15 IDRIM KALUV ISGOX DCT
YPPH	YBBN			DCT PH Y31 LAKIR Y69 BOSLI Y67 KG J141 LEC T33 ANROM Y62 IGDIT Y27 BN DCT
YPPH	YBRM	%		DCT PH Y31 BRM DCT
		>		DCT PH Z19 MURCH Y31 BRM DCT
YPPH	YBRY		L1	DCT PH Y15 ESDEG Y60 GUVNA DCT
YPPH	YBWX	%		DCT PH Y15 ESDEG Q587 IGLUT DCT
		>		DCT PH Q17 OTLED Y10 ESDEG Q587 IGLUT DCT
YPPH	YCHK	%		DCT PH Y31 WONYU V35 NWN MILAL DUGOV DCT
YPPH	YCWA		H1	DCT PH Y15 ESDEG Y60 ISDOR SARIG DCT
YPPH	YDLO	>		DCT PH Z19 REPOK Z87 MIDIM DCT
YPPH	YESP	%		DCT PH H18 BURGU Y53 MEMUP ESP DCT
		>		DCT PH Z44 ESP DCT
YPPH	YEWA			DCT PH AVNEX Y15 IDRIM DCT
YPPH	YFDF	%		DCT PH Y15 ESDEG Y60 GUVNA VEPEK DCT
YPPH	YGEL	%		DCT PH Y15 AVNEX Q20 ONGAR W14 GEL DCT
		>		DCT PH Q17 ONGAR W14 GEL DCT
		>		DCT PH DCT OTKUN W14 GEL DCT (refer *GEN-FPR, para 7*)
YPPH	YGGE	%		DCT PH Y31 MANIG DCT
		>		DCT PH Z19 NINEK Y41 RUGBO DCT
YPPH	YGIA	%	H1	DCT PH Y31 WONYU DCT
YPPH	YIBO			DCT PH Y15 ESDEG Y60 GUVNA DCT
YPPH	YJUN	%		DCT PH Y31 MANIG Y13 WAGOO WLU DCT
YPPH	YKAR			DCT PH Z19 NINEK Y41 RUGBO DCT
YPPH	YKDD			DCT PH Y15 ESDEG Y60 GUVNA DCT
YPPH	YLEO	>		DCT PH Z19 REPOK Z87 AVGIK Z23 KATCM Z83 YOKRA Y69 LEO DCT
YPPH	YLST	%		DCT PH Y31 MANIG Y18 SUGAB LST DCT
		>		DCT PH Z19 REPOK Z87 BULGI LST DCT

YPPH	YLTN	>		DCT PH Z19 REPOK Z87 AVGIK Z23 KATCM Z83 YOKRA Y69 LEO DCT
YPPH	YMEK	%		DCT PH Y31 ANKEL MEK DCT
		>		DCT PH Z19 WIRAL MEK DCT
YPPH	YMEN			DCT PH H18 BURGU Y135 TEDUS J15 AD V255 BENDO Y218 TYNDI Y53 ALAXO W382 ESDAN DCT
YPPH	YMHL	>		DCT PH Z44 PUMRY DCT
YPPH	YMMI	%		DCT PH Y31 LAKIR Y69 LEO DCT
		>		DCT PH Z19 REPOK Z87 AVGIK Z23 KATCM Z83 YOKRA Y69 LEO DCT
YPPH	YMML		H1	DCT PH H18 BURGU Y53 ALAXO V279 ML DCT
			H2	DCT PH H18 BURGU Y135 TEDUS J15 AD V255 BENDO Y12 ARBEY H119 ML DCT
			H3	DCT PH Y31 LAKIR Y69 BOSLI Y67 KG J141 BEZZA A585 AD V255 BENDO Y12 ARBEY H119 ML DCT
			H4	DCT PH H18 MUBID J21 ISLAV N640 AD V255 BENDO Y12 ARBEY H119 ML DCT
YPPH	YMNE	%		DCT PH Y31 MANIG Y18 SUGAB YMNE DCT
YPPH	YNOV	%		DCT PH H18 MUBID DCT
		>		DCT PH Z44 PUMRY DCT
YPPH	YNWN	%		DCT PH Y31 WONYU V35 NWN DCT
		>		DCT PH Z19 MURCH Y31 WONYU V35 NWN DCT
YPPH	YOLW	%		DCT PH Y15 AVNEX H16 GEL Y77 SAGNO DCT
		>		DCT PH Q17 ONGAR W14 GEL Y77 SAGNO DCT
YPPH	YPAD		H1	DCT PH H18 BURGU Y135 DADRU Y39 ATNAR N640 AD DCT
			H2	DCT PH H18 MUBID J21 ISLAV N640 AD DCT
YPPH	YPBO	%		DCT PH Y15 ESDEG Y44 PEXOR V653 PBO DCT
		>		DCT PH Q17 OTLED Y10 ESDEG Y44 PEXOR V653 PBO DCT
YPPH	YPDN	%		DCT PH Y31 MANIG Y36 BIDAP T63 NONOK J72 DN DCT
YPPH	YPKA	%		DCT PH Y15 GUGRA Z55 KA DCT
		>		DCT PH Q17 OTLED Y10 ESDEG Y15 GUGRA Z55 KA DCT
YPPH	YPKG	%		DCT PH Y31 LAKIR Y69 BOSLI Y67 KG DCT
		>		DCT PH Z19 REPOK Z87 AVGIK Z23 KG DCT
YPPH	YPKU	%		DCT PH Y31 MANIG Y36 BIDAP T63 NONOK J72 KU DCT
YPPH	YPLM	%		DCT PH Y15 AVNEX H16 LM DCT
		>		DCT PH Q17 ONGAR W14 GEL H16 LM DCT
YPPH	YPPD	%		DCT PH Y15 ESDEG Y44 BUTON PD DCT
		>		DCT PH Q17 OTLED Y10 ESDEG Y44 BUTON PD DCT
YPPH	YSCB		H1	DCT PH H18 BURGU Y135 TEDUS J15 AD V255 BENDO H36 NONUP J142 CB DCT
			H2	DCT PH H18 BURGU Y53 RUFLE T131 BORTO J142 CB DCT
			H3	DCT PH Y31 LAKIR Y69 BOSLI Y67 KG J141 LEC W428 BHI BORLI W266 CB DCT
			H4	DCT PH H18 MUBID J21 BORLI W266 CB DCT

			H5	DCT PH H18 BURGU Y53 MEMUP Y87 TAPAX T134 SUBUM T8 AY J42 CB DCT
YPPH	YSOL			DCT PH AVNEX Y15 ESDEG Y44 PEXOR DCT
YPPH	YSRD	>		DCT PH Z19 REPOK Z87 AVGIK Z23 KATCM Z67 YAHMO DCT
		%		DCT PH Y31 LAKIR Y69 YOKRA DCT
YPPH	YSSY		H1	DCT PH H18 MUBID J21 BORLI H205 CULIN Y59 TESAT DCT
			H2	DCT PH H18 BURGU Y135 TEDUS J15 AD H247 CULIN Y59 TESAT DCT
YPPH	YSWS			DCT PH H18 MUBID J21 BORLI V300 METUV Y35 ENVOL Y52 UPDAK DCT
YPPH	YWDG	>		DCT PH Z19 REPOK Z87 AVGIK Z23 KATCM DCT
YPPH	YWGA			DCT PH Y15 ESDEG Y44 BUTON DCT
YPPH	YWLU	>		DCT PH Z19 NINEK Z61 WLU DCT
YPXM	YPPH			DCT XMX G209 IDOKU B469 TOPIR L514 AVPAL Q38 PH DCT
YREN	YPAD			DCT DOVOD V395 KAKLU H309 AD DCT
YROM	YBBN	%		DCT ROM Y166 IDLEG V327 IGUPI Y340 LAMUG Y177 BN DCT
		>		DCT ROM Y79 BN DCT
YSBK	YBTH			DCT PILAK NOLEM Z43 TUPMA Z71 KADOM W386 BTH DCT
YSBK	YCFS			DCT KAMBA V140 WLM V535 NICLA W446 KADSI W196 CFS DCT
YSBK	YMDG			DCT PILAK NOLEM Z43 TUPMA Z66 DUBSU Q304 BENBU W604 MUDGI DCT
YSBK	YMEN			DCT PILAK WOL H65 LEECE Q29 LUVAS Q205 COLDS V512 ESDAN DCT
		>		DCT PILAK PEGSU V169 TEMIS W188 COLDS V512 ESDAN DCT
		>		DCT PILAK NOLEM Z43 TUPMA Z71 KADOM H44 LIDLI W755 METUV W654 WG V410 TEMIS W188 COLDS V512 ESDAN DCT
YSBK	YSCB			DCT PILAK PEGSU V169 CB DCT
YSBK	YSDU			DCT PILAK NOLEM Z43 TUPMA Z71 KADOM W731 DU DCT
YSBK	YSTW			DCT PILAK NOLEM Z43 TUPMA Z66 DUBSU Q304 BENBU W604 MUDGI H66 TW DCT
		#		DCT PILAK DCT URDOS DCT KAMBA V258 TW DCT (R560)
YSBK	YSWG			DCT PILAK NOLEM Z43 TUPMA Z71 KADOM H44 CWR W654 WG DCT
		>		DCT PILAK PEGSU V169 EXETA W10 WG DCT
YSCB	YBBN	%		DCT CB W137 AVBEG W184 SPLIZ H66 LAGOB H252 BN DCT
		>		DCT CB W137 AVBEG W184 SPLIZ H66 IDNER W214 GOMOL H252 BN DCT
		>		DCT CB W122 ANNKY W113 KAMBA V258 MATLA H140 IDNER W214 GOMOL H252 BN DCT

YSCB	YMAY	#		DCT CB W545 IGDEL W335 AY DCT
YSCB	YMHB	>		DCT CB J163 MAKRL SUNOB H20 MOTRA W407 TASUM DCT
				DCT CB Q215 TANTA MAKRL SUNOB H20 MOTRA W407 TASUM DCT
YSCB	YMML			DCT CB Q215 TANTA Q29 ML DCT
		>		DCT CB V169 ML DCT (At or ABV A100)
YSCB	YPAD		L1	DCT CB W148 WG Q60 KAKLU H309 AD DCT
YSCB	YPPH		H3	DCT CB W137 CWR W703 PKS J141 KG Q41 MALUP Q158 PH DCT
			H4	DCT CB W266 BORLI J21 MUBID Q10 MALUP Q158 PH DCT
			H5	DCT CB W266 BORLI Q32 NODEV Q10 MALUP Q158 PH DCT
			H6	DCT CB J142 BORTO Q22 NODUR Q158 PH DCT
			H7	DCT CB W545 IGDEL W335 AY T8 SUBUM T134 TAPAX Q27 MALUP Q158 PH DCT
YSCB	YSBK	#		DCT CB W122 ANNKY W113 AKMIR WELSH Z97 PILAK DCT (expect A060 by WELSH)
YSCB	YSSY	>		DCT CB W122 ANNKY W113 ANKUB TESAT DCT
				DCT CB W423 CULIN Y59 TESAT DCT
YSCB	YSWS			DCT CB W137 AVBEG W184 ENVOL Y52 UPDAK DCT
YSCB	YWLM	>		DCT CB W122 ANNKY W113 KAMBA V140 WLM DCT
				DCT CB W423 CULIN Y59 TESAT H252 EKIPU WLM DCT
YSCO	YSBK			DCT LALIB W702 OLTIN H201 MEPIL Z88 PILAK DCT (expect OCTA YAKKA - OMUVU, A020 by OMUVU)
YSCR	YPPH	>		DCT GIVEB V242 KELLA Z38 PH DCT
YSDU	YSSY			DCT DU V138 ANNKY W113 ANKUB TESAT DCT
				DCT DU CWR MAKKA Y105 TARAL Y59 TESAT DCT
YSDU	YSWS			DCT DU V138 RUPEM Y52 UPDAK DCT
YSGE	YBWW		L1	DCT LOFFA LUKEY DCT
YSNF	YSSY			DCT NF B450 LHI H258 RIKNI N774 TESAT DCT
YSNW	YSSY	>		DCT NWA W575 AKMIR W113 ANKUB TESAT DCT
YSOL	YPPH			DCT ENDOV DCT ISDOR Q9 AVPAL Q38 JULIM PH DCT
YSRD	YPPH	>		DCT KAKDO Z68 BUNGL Z38 PH DCT
YSSY	WSSS			DCT TESAT A576 PKS G222 SAPDA A585 PLB G579 SJ DCT
YSSY	YARM			AT or ABV A100 DCT TESAT V140 KAMBA V258 MATLA W347 ARM DCT
				DCT OLSEM H252 UPNEX H140 MATLA W347 ARM DCT
YSSY	YBAS			DCT TESAT A576 AS DCT
				DCT KADOM A576 AS DCT

YSSY	YBCG	#		DCT TESAT H252 OLSEM Y193 BANDA Y43 GREAV DCT GOMOL DCT (Level requirements apply-refer *AIP DAP* Sydney Departure Procedures)
				DCT OLSEM Y193 BANDA Y43 GOMOL DCT (Level requirements apply-refer *AIP DAP* Sydney Departure Procedures)
		#		DCT TESAT H252 UPNEX H140 MATLA Y43 GOMOL DCT
		>		AT or ABV A100 DCT TESAT V140 KAMBA V258 MATLA H140 IDNER W598 RIDVO GOMOL DCT (non-RNAV or non-RNP only)
				AT or ABV A100 DCT KAMBA V258 MATLA H140 IDNER W598 RIDVO GOMOL DCT (non-RNAV or non-RNP only)
YSSY	YBBN	#		DCT TESAT H252 OLSEM Y193 BANDA H252 BN DCT (Level requirements apply - refer *AIP DAP* Sydney Departure Procedures)
		#		BLW FL250 DCT TESAT H252 UPNEX H140 MATLA Y43 BANDA H252 LAGOB DCT
				BETWEEN A100 and FL240 DCT UPNEX H140 MATLA Y43 BANDA H252 LAGOB DCT
		>		AT or ABV A100 DCT TESAT V140 KAMBA V258 MATLA H140 IDNER W214 GOMOL H252 BN DCT
				AT or ABV A100 DCT KAMBA V258 MATLA H140 IDNER H66 LAGOB DCT
YSSY	YBCS			DCT TESAT H530 LASUD Q293 AKUMI Q147 VOMPA Q499 NONUM J64 CS DCT If R570B or D active: DCT TESAT H530 KABIX Q147 VOMPA Q499 NONUM J64 CS DCT If R481 active: Plan KADOM W604 BENBU Q304 LASUD
YSSY	YBHM			DCT TESAT H530 LASUD Q238 DUPUG Q141 OVRON DCT If R570B or D active: DCT TESAT H530 KABIX Q141 OVRON DCT If R481 active: Plan KADOM W604 BENBU Q304 LASUD
YSSY	YBNA		L3	DCT TESAT V140 WLM V535 NICLA W446 KADSI W196 CFS W418 TAXIV H133 UPSEL Y130 BNA DCT
				DCT KAMBA V140 WLM V535 NICLA W446 KADSI W196 CFS W418 TAXIV H133 UPSEL Y130 BNA DCT
		#		DCT TESAT H252 OLSEM Y193 VERES H133 UPSEL Y130 BNA DCT (level requirements apply - refer *AIP DAP* Sydney Departure Procedures)
YSSY	YBSU	#		DCT TESAT H252 OLSEM Y193 BANDA H252 GOMOL Q69 SU DCT (level requirements apply - refer *AIP DAP* Sydney Departure Procedures)
		#		DCT TESAT H252 UPNEX H140 IDNER W214 GOMOL Q69 SU DCT

YSSY	YBTH			DCT TESAT A576 KADOM W386 BTH DCT
YSSY	YBTL			DCT TESAT H530 LASUD Q293 AKUMI Q147 VOMPA Q165 TL DCT If R570B or D active: DCT TESAT H530 KABIX Q147 VOMPA Q165 TL DCT If R481 active: DCT KADOM W604 BENBU Q304 LASUD
YSSY	YBWW	>	L1	DCT TESAT V140 KAMBA V258 MATLA W347 MASMI Y24 UDERI DCT
		%		DCT TESAT H530 MUDGI H66 TW EMTID Y27 EDPEG DCT LAREG Y24 UDERI DCT (expect requirement FL240 by MUDGI) If R481 active: DCT KADOM W604 MUDGI
YSSY	YCFS	#		DCT TESAT H252 UPNEX H140 MATLA BANDA CFS DCT
				AT or ABV A100 DCT UPNEX H252 WLM V535 NICLA V652 PMQ W418 CFS DCT
				DCT TESAT H252 OLSEM Y193 BANDA J70 CFS DCT (level requirements apply - refer *AIP DAP* Sydney Departure Procedures)
				DCT KAMBA V140 WLM V535 NICLA V652 PMQ W418 CFS DCT
YSSY	YCOM		L1	DCT TESAT V169 PEGSU V20 COM DCT
YSSY	YCWR			DCT TESAT A576 KADOM H44 CWR DCT
YSSY	YGDH			DCT TESAT V140 KAMBA V258 MATLA V258 EKIBI NIXUG W572 OLRON DCT
YSSY	YGFN			AT or ABV A100 DCT TESAT V140 KAMBA V258 MATLA H140 LOSKU W334 GFN DCT
YSSY	YGLA	%		DCT TESAT H252 OLSEM Y193 BANDA H252 BN Q67 GLA DCT (Level requirements apply - refer to *AIP DAP*)
				DCT TESAT V140 CFS W214 GOMOL W196 DULIN W189 BN V308 SAGLI W231 GLA DCT
YSSY	YGLI			DCT TESAT V140 KAMBA V258 MATLA W347 MASMI DCT
YSSY	YHBA			DCT TESAT H252 OLSEM Y193 BANDA H252 GOMOL Q69 ITIDE T55 HAAVI DCT
YSSY	YHOT		L1	DCT TESAT V169 CB W222 OMBIS DCT
YSSY	YLHI	#		DCT TESAT B450 LHI DCT
		#		DCT TESAT G595 GUTIV ABARB B450 LHI DCT
YSSY	YLIS			DCT TESAT V140 KAMBA V258 MATLA H140 IDNER W598 RIDVO DCT
YSSY	YMAV			DCT TESAT H65 LEECE Q29 ML W15 AV DCT
YSSY	YMAY	>		DCT TESAT V169 CB J42 AY DCT
				DCT TESAT H65 WOL J42 AY DCT
YSSY	YMDG			DCT TESAT H530 MUDGI DCT
YSSY	YMEN	>		DCT TESAT V169 TEMIS W188 COLDS V512 ESDAN DCT
				DCT TESAT H65 LEECE Q29 LUVAS Q205 COLDS V512 ESDAN DCT
YSSY	YMHB			DCT TESAT H65 WOL H20 MOTRA W407 TASUM DCT
YSSY	YMLT			DCT TESAT H65 WOL H20 OTKED J22 LT DCT

YSSY	YMMB		L2	DCT TESAT V169 PEGSU V20 TEMIS W188 MB DCT
YSSY	YMML	>		DCT TESAT V169 ML DCT
				DCT TESAT H65 LEECE Q29 ML DCT
			L2	DCT TESAT V169 PEGSU V20 TEMIS V169 ML DCT
YSSY	YMND			DCT TESAT V140 KAMBA V258 MATLA DCT
YSSY	YMOR			DCT TESAT H530 MUDGI DCT NBR W456 MOR DCT If R481 active: DCT KADOM W604 BENBU W604 MUDGI
		>		DCT TESAT BENBU W604 MUDGI DCT NBR W456 MOR DCT
				DCT OLSEM H252 UPNEX H140 MATLA V258 TW W542 MOR DCT (R560/R570 active)
		>		At or ABV A100 DCT TESAT V140 KAMBA V258 TW W542 MOR DCT (R560/R570 active)
				DCT OLSEM H252 UPNEX H140 MATLA V258 TW DCT
YSSY	YMRY	>		DCT TESAT V169 PEGSU V501 NWA W436 URBOB DCT
YSSY	YNAR			DCT TESAT A576 KADOM H44 CWR W419 VINOP DCT
YSSY	YNBR			DCT TESAT V140 KAMBA V258 TW Z321 NBR DCT
YSSY	YORG			DCT TESAT A576 KADOM W595 VIRUR DCT
YSSY	YPAD	>		DCT TESAT A576 KADOM H44 BORLI W451 MIA H309 AD DCT
				DCT TESAT A576 KADOM H44 MAXEM Q60 KAKLU H309 AD DCT
YSSY	YPDN			DCT TESAT H530 IVRAD Q57 MIGAX A464 TN Q23 DN DCT If R481 active: DCT KADOM W604 BENBU Q304 LASUD H530 IVRAD Q57 MIGAX A464 TN Q23 DN DCT
YSSY	YPMQ	>		DCT TESAT V140 WLM V535 NICLA V652 PMQ DCT
				DCT TESAT H252 WLM V535 NICLA V652 PMQ DCT
YSSY	YPPH		H1	DCT TESAT A576 KADOM H44 AD Q33 ESP Q158 PH DCT
			H2	DCT TESAT A576 KADOM H44 BORLI J21 MUBID Q10 MALUP Q158 PH DCT
				DCT KADOM H44 BORLI J21 MUBID Q10 MALUP Q158 PH DCT
			H3	DCT TESAT A576 KADOM H44 BORLI Q32 NODEV Q10 MALUP Q158 PH DCT
			H4	DCT TESAT H65 WOL J42 CB J142 BORTO Q22 NODUR Q158 PH DCT
YSSY	YSCB	>		DCT TESAT V169 CB DCT
				DCT TESAT H65 CB DCT
YSSY	YSDU			DCT TESAT A576 KADOM W731 DU DCT
YSSY	YSNF			DCT TESAT B450 NF DCT
				DCT TESAT G595 GUTIV ABARB B450 NF DCT
YSSY	YSTW			AT or ABV A100 DCT TESAT V140 KAMBA V258 TW DCT
				DCT OLSEM H252 UPNEX H140 MATLA V258 TW DCT
YSSY	YSWG		L1	DCT TESAT V169 EXETA W10 WG DCT

YSSY	YSWS			DCT TESAT T2 UPDAK DCT
YSSY	YTRE	>		DCT TESAT V140 WLM V535 NICLA DCT UGPOT DCT
YSSY	YWLM			DCT TESAT H252 WLM DCT
		>		DCT KAMBA V140 OVLUX WLM DCT
YSSY	YWWL		L1	DCT TESAT A576 KADOM H44 CWR BUGNI DCT
YSTW	YSBK			DCT TW W130 OLTIN H201 MEPIL Z88 PILAK DCT (expect OCTA YAKKA - OMUVU, A020 by OMUVU)
YSTW	YSSY			DCT TW W130 OLTIN H201 TESAT DCT
YSTW	YSWS			DCT TW DCT TIABB Q58 UPDAK DCT
				DCT TW Y50 IRPIR DCT DAGVA Q58 UPDAK DCT (R560 active)
YSWG	YMML			DCT WG W638 AY V147 TEMIS V169 ML DCT
YSWG	YSBK			DCT WG W113 AKMIR WELSH Z97 PILAK DCT (expect A060 by WELSH)
YSWG	YSSY			DCT WG W113 ANKUB TESAT DCT
YSWG	YSWS			DCT WG W654 METUV Y35 ENVOL Y52 UPDAK DCT
YSWS	WSSS			DCT PKS G222 SAPDA A585 PLB G579 SJ DCT
YSWS	YARM	>		DCT KAMBA V258 MATLA W347 ARM DCT
YSWS	YBAS			DCT PKS A576 AS DCT
YSWS	YBCG			DCT BENBU W604 MUDGI H66 URKER Y54 BERNI Y43 GREAV GOMOL DCT (expect requirement FL240 by MUDGI)
YSWS	YBBN			DCT BENBU W604 MUDGI H66 LAGOB H252 BN DCT (expect requirement FL240 by MUDGI)
YSWS	YBCS			DCT BENBU W604 MUDGI H530 LASUD Q293 AKUMI Q147 VOMPA Q499 NONUM J64 CS DCT
		#		DCT BENBU W604 MUDGI H530 KABIX Q147 VOMPA Q499 NONUM J64 CS DCT (R570B or D active)
YSWS	YBHM			DCT BENBU W604 MUDGI H530 LASUD Q238 DUPUG Q141 OVRON DCT
		#		DCT BENBU W604 MUDGI H530 KABIX Q141 OVRON DCT (R570B or D active)
YSWS	YBNA	>		DCT KAMBA V140 WLM V535 NICLA V423 CFS W418 TAXIV H133 UPSEL Y130 BNA DCT (level requirements apply - refer *AIP DAP*)
				DCT OLSEM Y193 VERES H133 UPSEL Y130 BNA DCT (level requirements apply - refer *AIP DAP*)
		#		DCT BENBU W604 MUDGI H66 URKER Y54 OLRIP Y130 BNA DCT
YSWS	YBSU			DCT BENBU W604 MUDGI H66 IDNER W214 GOMOL Q69 SU DCT (expect requirement FL240 by MUDGI)
YSWS	YBTH			DCT TEEVE Q13 BTH DCT
YSWS	YBTL			DCT BENBU W604 MUDGI H530 LASUD Q293 AKUMI Q147 VOMPA Q165 TL DCT
		#		DCT BENBU W604 MUDGI H530 KABIX Q147 VOMPA Q165 TL DCT (R570B or D active)

YSWS	YBWW	>		DCT KAMBA V258 MATLA W347 MASMI Y24 UDERI DCT
		#		DCT BENBU W604 MUDGI H66 TW W411 MASMI Y24 UDERI DCT (expect requirement FL240 by MUDGI)
YSWS	YCFS			DCT OLSEM Y193 BANDA J70 CFS DCT
		>		DCT KAMBA V140 WLM V535 NICLA V423 CFS DCT
YSWS	YCWR			DCT TEEVE H44 CWR DCT
YSWS	YGDH			DCT BENBU W604 MUDGI W359 NIXUG W572 OLRON DCT
YSWS	YGFN	>		DCT KAMBA V258 MATLA H140 LOSKU W334 GFN DCT
YSWS	YGLI	>		DCT KAMBA V258 MATLA W347 MASMI DCT
YSWS	YHBA			DCT BENBU W604 MUDGI H66 IDNER W214 GOMOL Q69 ITIDE T55 LEEFL DCT (expect requirement FL240 by MUDGI)
YSWS	YHOT	>		DCT EXETA V169 CB W222 OMBIS DCT
YSWS	YLHI	>		DCT NOBAR B450 LHI DCT
		#>		DCT DIPSO G595 GUTIV ABARB B450 LHI DCT
YSWS	YLIS	>		DCT KAMBA V258 MATLA H140 IDNER W598 RIDVO DCT
YSWS	YMAV			DCT LEECE Q29 ML W15 AV DCT
YSWS	YMAY	>		DCT EXETA V169 CB J42 AY DCT
YSWS	YMDG			DCT BENBU W604 MUDGI DCT
YSWS	YMEN	>		DCT EXETA V169 TEMIS W188 COLDS V512 ESDAN DCT
				DCT LEECE Q29 LUVAS Q205 COLDS V512 ESDAN DCT
YSWS	YMHB			DCT NWA H20 MOTRA W407 TASUM DCT
YSWS	YMLT			DCT NWA H20 OTKED J22 LT DCT
YSWS	YMML	>		DCT EXETA V169 ML DCT
				DCT LEECE Q29 ML DCT
YSWS	YMND	>		DCT KAMBA V258 MATLA DCT
YSWS	YMOR			DCT BENBU W604 MUDGI NBR W456 MOR DCT
		#		DCT KAMBA V258 TW W542 MOR DCT (R560/R570 active)
YSWS	YMRY			DCT NWA W436 URBOB DCT
YSWS	YNAR			DCT TEEVE H44 CWR W419 VINOP DCT
YTNG	YBBN			DCT RUROX W727 SUSGI V307 BN DCT
YTRE	YSBK			DCT UGPOT V672 SORTI W656 OLTIN H201 MEPIL Z88 PILAK DCT (expect OCTA YAKKA - OMUVU, A020 by OMUVU)
YTRE	YSSY			DCT UGPOT V672 SORTI W656 OLTIN H201 TESAT DCT
YTRE	YWLM	#		DCT UGPOT V672 LAXUM WLM DCT (Refer *GEN-FPR para 1*)
		#		DCT UGPOT DCT SORTI DCT LAXUM WLM DCT
YTWB	YBCV			DCT BIVAT Q303 MESED Q484 LIKTO DCT
YWDG	YPPH	>		DCT KELLA Z38 PH DCT
YWGA	YPPH			DCT GOOTA Q9 AVPAL Q38 JULIM PH DCT
YWHA	YPAD			DCT WHA H84 AD DCT
YWLM	YBBN			DCT WLM UBSON NICLA BANDA H252 BN DCT

YWLM	YBCG	#		DCT WLM V535 LOSKU H140 IDNER W598 RIDVO GOMOL DCT
		#		DCT WLM V535 NICLA BANDA Y43 GOMOL DCT
YWLM	YBNA			DCT WLM DCT LATUT V140 CFS W418 TAXIV H133 UPSEL Y130 BNA DCT
YWLM	YCFS			DCT WLM V535 NICLA W446 KADSI W196 CFS DCT
		#		DCT WLM W603 UGPOT W196 CFS DCT
YWLM	YMDG			DCT WLM MONDO DCT EKESU Z202 AGVUB T14 MUDGI DCT
YWLM	YPMQ			DCT WLM V535 NICLA W106 PMQ DCT
		#		DCT WLM W603 UGPOT W106 PMQ DCT
YWLM	YSBK			DCT WLM MONDO H201 MEPIL Z88 PILAK DCT (expect OCTA YAKKA - OMUVU, A020 by OMUVU)
YWLM	YSCB	>		DCT WLM MONDO H201 TESAT V169 CB DCT
				DCT WLM LIMLO H536 OMLAV Q15 WOL H65 CB DCT
YWLM	YSSY	>		DCT WLM MONDO H201 TESAT DCT
				DCT WLM MONDO DCT BOREE Y50 TESAT DCT
YWLM	YTRE	#		DCT WLM W603 UGPOT DCT (Refer *GEN-FPR para 1*)
		#		DCT WLM V535 NICLA V652 UGPOT DCT
YWLU	YPPH			DCT WLU LIRRI Z74 OVLUK V16 WOORA Q38 PH DCT
YWSL	YMEN			DCT DUNNE V434 MOSVO V512 ESDAN DCT
YWWL	YSSY		L1	DCT BUGNI CWR W168 ANNKY W113 ANKUB TESAT DCT
YWYY	YMML			DCT WYY V294 ONAGI H215 RAZZI W687 ML DCT

10. FLIGHT PLANNING - PREFERRED ROUTES - MILITARY

The following preferred routes are AVBL for military aircraft only.

FJDG	YPCC			NKW GUDUG UBNIS NOLAS CC DCT
FJDG	YPDN			NKW GUDUG UBNIS NOLAS CC SADUD METUM PEDSA PUPIV KU J72 DN DCT
FJDG	YPEA			NKW KALBI PANDU DUBAG 184500.0S 0900000.0E 214200.0S 0950000.0E 242400.0S 1000000.0E 265000.0S 1050000.0E MERIB T12 PH W839 PEA DCT
YAMB	YBTL		L2	DCT DULIN W196 UNVAT W270 EML W766 LUKPU W232 TL DCT
				DCT DULIN W196 UNVAT VOMPA Q165 TL DCT
YAMB	YMES		H1	DCT TATEN ISKIM Q35 PKS W703 CWR W137 CB W290 ESL DCT
			H2	DCT TATEN APAGI H91 ADMAR Q78 OLTIN H201 TESAT H65 CB W290 ESL DCT
YAMB	YMML		H1	DCT TATEN ISKIM Q35 DORSU H119 ML DCT
YAMB	YPDN	#		DCT DULIN W196 UNVAT A464 TN Q23 DN DCT
		#		DCT IBUNA Q473 IGUPI V129 EML T13 NTN J138 SURVO Q95 BEBEN Q91 ALLEE Q23 DN DCT
YAMB	YPEA	#		DCT BOBOP Q4 IDBUG Q42 ANROM T33 LEC J141 KG Q41 MALUP Q158 PH W839 PEA DCT
YAMB	YPED		H1	DCT BOBOP Q4 PAVBI Q16 MIA Q4 WOONA Q60 KAKLU H309 AD W142 DOLVU DCT If R570C or D active: DCT BOBOP Q4 WOONA Q60 KAKLU H309 AD W142 DOLVU DCT
YAMB	YPLM		H1	DCT MESED LIKTO ROM T11 PULOL Q36 ANGAS V656 AYE T44 NONAX NWN PBO LM DCT
YAMB	YPTN			DCT DULIN W196 UNVAT A464 TN DCT
YAMB	YSCB		H1	DCT TATEN ISKIM Q35 PKS W703 CWR W137 CB DCT
			H2	DCT TATEN APAGI H91 ADMAR Q78 OLTIN H201 TESAT H65 CB DCT
YAMB	YSRI		H1	DCT TATEN APAGI H91 SANAD Q155 RUTOS DCT RITSU STUIE DCT
YAMB	YSSY		H1	DCT TATEN APAGI H91 ADMAR Q404 ADMOD Y50 TESAT DCT
YAMB	YWLM		H1	DCT TATEN APAGI H91 SANAD V779 LAXUM WLM DCT
YBAS	YPTN			DCT AS J251 TN DCT
YBAS	YSCB		H1	DCT AS A576 PKS W703 CWR W137 CB DCT
YBAS	YSCB		H2	DCT AS A461 LEC W428 BHI DCT BORLI W266 CB DCT
YBCS	YSCB		H3	DCT CS DCT AKROM Y153 ROKUU H652 OVNOM Y50 TESAT H65 CB DCT
YBMA	YPTN		L2	DCT MA NITUN Q57 MIGAX A464 TN DCT
YBMA	YSCB		H1	DCT MA OKVAR Y139 IGNIX DCT MIMIB DCT ENPAG H319 PKS W703 CWR W137 CB DCT
YBRM	YSCB		H1	DCT BRM G222 PKS W703 CWR W137 CB DCT
			H2	DCT BRM T20 WENER T21 LEC W428 BHI BORLI W266 CB DCT
			H3	DCT BRM T20 RUSAD DCT WHA J21 BORLI W266 CB DCT

YBRM	YSSY		H1	DCT BRM G222 VAGPO Y71 GUVBO Y105 TARAL Y59 TESAT DCT
			H2	DCT BRM T20 WENER T21 LEC J141 NEWMO H39 GUVBO Y105 TARAL Y59 TESAT DCT
			H3	DCT BRM T20 RUSAD WHA J21 BORLI H205 CULIN Y59 TESAT DCT
				DCT BRM T20 RUSAD WHA J21 BORLI H205 CULIN Y59 RIVET DCT
YBSG	YPDN		H1	DCT WP GV J151 TUSTU GATOR DN DCT
YBSU	YBBN		H1	DCT SU Q35 MUDDL BN DCT
YBSU	YSCB		H1	DCT SU Q35 SANEG H91 ADMAR Q404 ADMOD Y50 TESAT H65 CB DCT
YBTL	YAMB		H1	DCT TL W258 LINSU W228 COCKA Y177 BESBO DULIN DCT
YBTL	YPEA		H1	DCT TL J184 MA J64 AS W408 AYE Q41 MALUP Q158 PH W839 PEA DCT
YBTL	YPED		H1	DCT TL Q30 MATAR KANGI DOVUB APOMA BHI W325 AD W142 DOLVU DCT
YBTL	YSRI			DCT TL W258 JEMMA Y153 ROKUU H652 TIABB Q58 NIXUG W702 LALIB V531 ISREV Q155 RUTOS STUIE DCT
YBTL	YSCB		H3	DCT TL W258 JEMMA Y153 ROKUU H652 OVNOM Y50 TESAT V169 CB DCT
			H2	DCT TL Q30 MATAR Y33 SAPNO ENPAG H319 PKS W703 CWR W137 CB DCT
YBTL	YWLM		H1	DCT TL W258 JEMMA Y153 ROKUU H652 OVNOM W542 TW V417 LAXUM WLM DCT
YMES	YBTL	#		DCT ESL W118 AY W638 PKS VAMSO DCT KABIX DCT SGE W499 ROM W613 EML W766 LUKPU W232 TL DCT
			H1	DCT ESL W649 MNG Q76 LAKOT Y80 VOMPA Q165 TL DCT
YMES	YSCB			DCT ESL W290 CB DCT
YMES	YMES	#		DEPARTURE: DCT ESL [LANOS, TAVET, NOLOX or DUNNE] DCT FIRST POINT OUTSIDE R360/M301
		#		ARRIVAL: LAST POINT OUTSIDE R360/M301 DCT [GIPPS, PUKIM, RUPOD or ENBUB] ESL DCT
YMES	YSRI	#		DCT ESL W290 CB W137 AVBEG W184 ENVOL Y52 RUPEM STUIE DCT
YMES	YMHB			DCT ESL W407 TASUM DCT
YMES	YMML	#	L2	DCT ESL V434 MOSVO ML DCT
			L3	DCT ESL W809 MOZZA V588 MOSVO ML DCT
YMES	YSSY		L1	DCT ESL W290 CB W423 CULIN Y59 TESAT DCT
				DCT ESL W290 CB W423 CULIN Y59 RIVET DCT
YMHB	YMES		L1	DCT TASUM H111 LT W218 ESL DCT
YMML	YMES		L1	DCT ML W687 RAZZI W449 ESL DCT
YPCC	FJDG			DCT CC NOLAS UBNIS GUDUG NKW DCT
YPCC	YPDN			DCT CC SADUD METUM PEDSA PUPIV KU J72 DN DCT
YPCC	YPXM			DCT CC G200 XMX DCT
YPCC	YPAD		H1	DCT CC T41 LM N640 AD DCT

			H2	DCT CC M641 MERIB T12 PH H18 BURGU Y135 DADRU Y39 ATNAR N640 AD DCT
YPDN	FJDG	@		DCT DN HELLI J151 IRPOM PEDSA METUM SADUD CC NOLAS UBNIS GUDUG NKW DCT
YPDN	YAMB	@	H2	DCT DN Y25 OPEKO A464 UNVAT W196 DULIN DCT
		>		DCT DN J251 TN A464 UNVAT W196 DULIN DCT
YPDN	YBSG	>	H1	DCT DN VANDI TUSTU J151 GV WP DCT
YPDN	YPAD	@		DCT DN Y25 BEBUX Y83 GREGA J251 WHA H84 AD DCT
YPDN	YPCC	@		DCT DN J151 IRPOM PEDSA METUM SADUD CC DCT
YPDN	YPEA	>	H1	DCT DN W287 LEVRI KU J72 NONOK T63 BIDAP Q25 DALWU Q38 PH W839 PEA DCT
		@		DCT DN HELLI J151 IRPOM KU J72 NONOK T63 BIDAP Q25 DALWU Q38 PH W839 PEA DCT
YPDN	YPED	@	H1	DCT DN Y25 BEBUX Y83 GREGA J251 WHA H84 AD W142 DOLVU DCT
		>		DCT DN J251 WHA H84 AD W142 DOLVU DCT
YPDN	YPPH	@	H1	DCT DN J151 IRPOM KU J72 NONOK T63 BIDAP Q25 DALWU Q38 PH DCT
		@	H2	DCT DN J151 CIN W257 NWN Q38 PH DCT
		@	H3	DCT DN J151 IRPOM KU T27 VALRA W121 NWN Q38 PH DCT
YPDN	YSCB	@	H1	DCT DN Y25 BEBUX T74 ENPAG H319 PKS W703 CWR W137 CB DCT
		@	H2	DCT DN Y25 DOSAM J30 TNK T25 BHI BORLI W266 CB
YPDN	YSRI	@#		DCT DN Y25 BEBUX T74 ENPAG W535 BTH W460 STUIE DCT
		>		DCT DN J251 TN BEBUX T74 ENPAG W535 BTH W460 STUIE DCT
YPDN	YSSY	@	H2	DCT DN Y25 DOSAM J30 TNK T25 GUGAB G222 VAGPO Y71 GUVBO Y105 TARAL Y59 TESAT DCT
YPDN	YWLM	@	H1	DCT DN Y25 OPEKO A464 MIGAX Y139 IGNIX Y161 OVNOM W542 TW V417 LAXUM WLM DCT
		>		DCT DN J251 TN A464 MIGAX Y139 IGNIX Y161 OVNOM W542 TW V417 LAXUM WLM DCT
YPEA	FJDG			DCT PEA W839 PH T12 MERIB 265000.0S 1050000.0E 242400.0S 1000000.0E 214200.0S 0950000.0E 184500.0S 0900000.0E DUBAG PANDU KALBI NKW DCT
YPEA	YAMB	@	H1	DCT PEA W839 PH Y31 LAKIR Y69 BOSLI Y67 KG J141 LEC Y94 PARRY Y195 DULIN DCT
				DCT PEA W839 PH Z19 REPOK Z87 AVGIK Z23 KATCM Z67 YAHMO Y67 KG J141 LEC Y94 PARRY Y195 DULIN DCT
YPEA	YBTL	@	H1	DCT PEA W839 PH Y31 LAKIR Y69 UPRUN W408 AS J64 MA J184 TL DCT
				DCT PEA W839 PH Z19 REPOK Z87 AVGIK Z23 KATCM Z83 YOKRA Y69 UPRUN W408 AS J64 MA J184 TL DCT
YPEA	YPED	@	H1	DCT PEA W839 PH H18 MUBID J21 ISLAV N640 AD W142 DOLVU DCT
				DCT PEA W839 PH Z44 PUMRY BURGU H18 MUBID J21 ISLAV N640 AD W142 DOLVU DCT

YPEA	YPLM			DCT PEA W839 PH Y15 AVNEX H16 LM DCT
YPEA	YSNW	@	H1	DCT PEA W839 PH H18 MUBID J21 BORLI H205 CULIN NWA DCT
				DCT PEA W839 PH Z44 PUMRY BURGU H18 MUBID J21 BORLI H205 CULIN NWA DCT
YPEA	YMES	@	H1	DCT PEA W839 PH H18 BURGU Y53 ALAXO MAKAT W449 ESL DCT
				DCT PEA W839 PH Z44 PUMRY BURGU Y53 ALAXO MAKAT W449 ESL DCT
YPEA	YPDN	@	H1	DCT PEA W839 PH Y31 MANIG Y36 BIDAP T63 NONOK J72 DN DCT
				DCT PEA W839 PH Z19 REPOK Z87 ENGUD Y36 BIDAP T63 NONOK J72 DN DCT
YPEA	YSRI	@		DCT PEA W839 PH Y31 LAKIR Y69 BOSLI Y67 KG J141 NEWMO H39 GUVBO Y52 RUPEM STUIE DCT
		@		DCT PEA W839 PH H18 MUBID J21 BORLI V300 METUV Y35 ENVOL Y52 RUPEM STUIE DCT
		@		DCT PEA W839 PH H18 BURGU Y135 TEDUS J15 AD H247 NATYA W762 VINOP W755 METUV Y35 ENVOL Y52 RUPEM STUIE DCT
		@		DCT PEA W839 PH H18 BURGU Y53 RUFLE T131 BORTO J142 NONUP AVBEG W184 ENVOL Y52 RUPEM STUIE DCT
		@		DCT PEA W839 PH H18 BURGU Y53 MEMUP Y87 TAPAX T134 SUBUM T8 AY J42 ARRAN Y59 NONUP AVBEG W184 ENVOL Y52 RUPEM STUIE DCT
				DCT PEA W839 PH Z19 REPOK Z87 AVGIK Z23 KATCM Z67 YAHMO Y67 KG J141 NEWMO H39 GUVBO Y52 RUPEM STUIE DCT
				DCT PEA W839 PH Z44 PUMRY BURGU H18 MUBID J21 BORLI V300 METUV Y35 ENVOL Y52 RUPEM STUIE DCT
YPED	YAMB			DCT DOLVU W142 AD V361 MIA CBA AGETA W623 IVL W749 DULIN DCT If R570C or D active: DCT DOLVU W142 AD V361 MIA CBA VERAV Y27 EDPEG PUGON PARRY Y195 DULIN DCT
YPED	YAMB		H1	DCT DOLVU W142 AD V361 UPROT Y27 IGIPA Y46 EMTID Y27 EDPEG PUGON PARRY Y195 DULIN DCT If R570C or D active: DCT DOLVU W142 AD V361 UPROT Y27 EDPEG PUGON PARRY Y195 DULIN DCT
YPED	YBTL			DCT DOLVU W142 AD W426 BHI W325 IDKEG DCT WDH LRE W660 TL DCT
YPED	YMES		H1	DCT DOLVU W142 AD V255 BENDO Y12 ARBEY H119 ML Y260 CORRS ESL DCT
YPED	YPDN		H1	DCT DOLVU W142 AD A585 AREPA J58 WHA J251 TN Q23 DN DCT
YPED	YPDN	>		DCT DOLVU W142 AD W238 RUKNA W142 WHA J251 TN Q23 DN DCT
YPED	YPEA	%		DCT DOLVU W142 AD A585 AREPA H54 KAMBI Q32 NODEV Q10 MALUP Q158 PH W839 PEA DCT

		#		DCT DOLVU W142 AD A585 AREPA H54 KAMBI N640 ISLAV J21 MUBID Q10 MALUP Q158 PH W839 PEA DCT
YPED	YPLM		H1	DCT DOLVU W142 AD A585 AREPA H54 KAMBI N640 LM DCT
YPED	YPTN		H1	DCT DOLVU W142 AD A585 AREPA J58 WHA J251 TN DCT
YPED	YPTN	>		DCT DOLVU W142 AD W238 RUKNA W142 WHA J251 TN DCT
YPED	YSCB		H1	DCT DOLVU W142 AD H247 NATYA H21 WG W148 CB DCT
YPED	YSNW		H1	DCT DOLVU W142 AD H247 CULIN GLB W724 NWA DCT
YPED	YSRI			DCT DOLVU W142 AD H247 NATYA W762 VINOP W755 METUV Y35 ENVOL Y52 RUPEM STUIE DCT
YPED	YWLM		H1	DCT DOLVU W142 AD H247 CULIN Y59 TESAT H252 WLM DCT
YPKG	YSCB		H2	DCT KG T97 KAMBI N640 AD V255 BENDO H36 NONUP J142 CB DCT
YPLM	YPEA			DCT LM Y207 BORVI B469 TOPIR L514 AVPAL Q38 PH W839 PEA DCT
YPLM	YSRI			DCT LM W321 NWN BIDAP WENER T21 LEC J141 NEWMO H39 GUVBO Y52 RUPEM STUIE DCT
YPPD	YSCB		H1	DCT PD A585 AD V255 BENDO H36 NONUP J142 CB DCT
			H2	DCT PD T21 LEC J141 PKS W703 CWR W137 CB DCT
			H3	DCT PD A585 CDU J149 WHA J21 BORLI W266 CB DCT
			H4	DCT PD T21 LEC W428 BHI DCT BORLI W266 CB DCT
YPPD	YSSY		H1	DCT PD A585 AD H247 CULIN Y59 TESAT DCT
				DCT PD A585 AD H247 CULIN Y59 RIVET DCT
			H2	DCT PD A585 CDU J149 WHA J21 BORLI H205 CULIN Y59 TESAT DCT
				DCT PD A585 CDU J149 WHA J21 BORLI H205 CULIN Y59 RIVET DCT
YPPH	YPCC		L1	DCT PH T12 MERIB M641 CC DCT
YPTN	YAMB		H2	DCT TN A464 UNVAT W196 DULIN DCT
YPTN	YBMA		L1	DCT TN A464 MIGAX Y139 LEMUD MA DCT
YPTN	YBTL			DCT TN NTN J138 TL DCT
YPTN	YPED		H1	DCT TN J251 WHA H84 AD W142 DOLVU DCT
YPTN	YSCB		H2	DCT TN J30 TNK T25 BHI BORLI W266 CB DCT DCT TN T74 ENPAG H319 PKS W703 CWR W137 CB DCT
YPTN	YSRI			DCT TN T74 ENPAG H319 PKS W703 CWR V599 ENVOL Y52 RUPEM STUIE DCT
YPTN	YWLM		H2	DCT TN A464 MIGAX Y139 IGNIX Y161 OVNOM W542 TW V417 LAXUM WLM DCT
YSCB	YAMB		H1	DCT CB W137 AVBEG W184 SPLIZ H66 TW W411 DULIN DCT
YSCB	YBAS		H1	DCT CB W137 CWR W703 PKS A576 AS DCT
YSCB	YBMA		H1	DCT CB W137 AVBEG W184 SPLIZ Q304 LASUD H530 OKVAR MA DCT
YSCB	YBSU		H1	DCT CB W137 AVBEG W184 SPLIZ H66 IDNER W214 GOMOL Q69 SU DCT
YSCB	YBRM		H1	DCT CB W137 CWR W703 PKS A576 AS T11 BRM DCT

YSCB	YMES			DCT CB W290 ESL DCT
YSCB	YPED		H2	DCT CB W148 WG Q60 KAKLU H309 AD W142 DOLVU DCT
YSCB	YPLM		H1	DCT CB W148 WG Q60 KAKLU H309 AD N640 LM DCT
			H2	DCT CB W266 BORLI J21 WHA J149 CDU W486 FRT N640 LM DCT
YSCB	YPPD		H1	DCT CB W266 BORLI J21 WHA J149 CDU A585 PD DCT
			H2	DCT CB W137 CWR W703 PKS J141 LEC T21 PD DCT
YSCB	YPDN		H2	DCT CB W137 CWR W703 ENPAG T74 TN Q23 DN DCT
YSCB	YPKG		H1	DCT CB W148 WG Q60 MAXEM H44 AD N640 KAMBI T97 KG DCT
YSCB	YPTN		H1	DCT CB W137 CWR W703 ENPAG T74 TN DCT
			H2	DCT CB W137 AVBEG W184 SPLIZ Q304 LASUD H530 IVRAD Q57 MIGAX A464 TN DCT
YSCB	YSNF		I1	DCT CB W423 CULIN Y59 TESAT G595 GUTIV ABARB B450 NF DCT
YSCB	YSRI			DCT CB W137 AVBEG W184 ENVOL Y52 RUPEM STUIE DCT
YSCB	YSTW		H1	DCT CB W423 CULIN Y59 TESAT H252 UPNEX H140 MATLA V258 TW DCT
			H2	DCT CB W137 AVBEG W184 SPLIZ H66 TW DCT (Not to be flight planned if R560 active)
YSCB	YWLM		H1	DCT CB W423 CULIN Y59 TESAT H252 WLM DCT
YSCB	YWLM			DCT CB W122 ANNKY W113 KAMBA V140 OVLUX WLM DCT
YSNW	YPEA		H2	DCT NWA CULIN H205 BORLI Q32 NODEV Q10 MALUP Q158 PH W839 PEA DCT
YSNW	YSRI			DCT NWA T49 ISBOV DIPPA STUIE DCT
YSNW	YWLM			DCT NWA W575 AKMIR W113 KAMBA V140 OVLUX WLM DCT
YSNF	YSCB		I1	DCT NF B450 LHI H258 RIKNI N774 TESAT H65 CB DCT
YSRI	YAMB	#		DCT STUIE NIVOT Z127 EKESU DCT SCATZ DCT UPVEN H66 TW W411 DULIN DCT If R560 active: DCT STUIE H530 MUDGI H66 TW W236 DULIN (FL240 and ABV and expect restriction FL240 by MUDGI) DCT STUIE DCT NIVOT Z127 EKESU Z127 DAGVA Z400 ELKAB Z105 EKIBI V258 TW W411 DULIN (FL230 and BLW)
YSRI	YBTL			DCT STUIE H530 LASUD Q293 AKUMI Q147 VOMPA Q165 TL DCT If R570B or D active: DCT STUIE H530 KABIX Q147 VOMPA Q165 TL DCT
YSRI	YMES			DCT TESAT H65 WOL H20 NWA W437 COM W290 ESL DCT
		>		DCT STUIE TESAT V169 PEGSU V20 COM W290 ESL DCT
YSRI	YPDN			DCT STUIE NIVOT Z127 EKESU Z202 AGVUB T14 MUDGI H530 IVRAD Q57 MIGAX A464 TN Q23 DN DCT
YSRI	YPEA	@		DCT STUIE W460 PKS J141 KG Q41 MALUP Q158 PH W839 PEA DCT
YSRI	YPEA	@		DCT STUIE W460 BTH W419 CWR H44 BORLI J21 MUBID Q10 MALUP Q158 PH W839 PEA DCT

YSRI	YPEA	@		DCT STUIE W460 BTH W419 CWR H44 BORLI Q32 NODEV Q10 MALUP Q158 PH W839 PEA DCT
YSRI	YPEA	@		DCT STUIE W460 BTH W419 CWR H44 AD Q33 ESP Q158 PH W839 PEA DCT
YSRI	YPED			DCT STUIE W460 BTH W419 CWR H44 MAXEM Q60 KAKLU H309 AD W142 DOLVU DCT
YSRI	YPLM			DCT STUIE W460 BTH W419 CWR H44 BORLI J21 WHA J149 CDU W486 FRT N640 LM DCT
YSRI	YPLM			DCT STUIE W460 PKS J141 LEC T21 WENER BIDAP NWN W321 LM DCT
YSRI	YPTN			DCT STUIE W460 BTH W535 ENPAG T74 TN DCT
YSRI	YSCB			DCT STUIE TESAT H65 CB DCT
		>		DCT TESAT V169 CB DCT
YSRI - North East Oceanic				Refer to Sydney-North East Oceanic
YSRI	YSNW			DCT STUIE TESAT H65 WOL H20 NWA DCT
		>		DCT STUIE TESAT V169 PEGSU V501 NWA DCT
YSRI	YWLM			DCT STUIE RUTOS MAKOR PUDUT WLM DCT
YSSY	YAMB		H1	DCT TESAT H252 UPNEX H140 LOSKU VONDO W411 DULIN DCT
YSSY	YBRM		H1	DCT TESAT A576 KADOM W386 BTH W535 ENPAG T74 NONET T11 BRM DCT
YSSY	YMES			DCT TESAT H65 WOL J42 CB W290 ESL DCT
YSSY	YPPD			DCT TESAT A576 PKS J141 LEC T21 PD DCT
YSSY	YPTN			DCT TESAT H530 IVRAD Q57 MIGAX A464 TN DCT If R481 active, plan: DCT KADOM W604 BENBU Q304 LASUD H530 IVRAD Q57 MIGAX A464 TN DCT
YWLM	YAMB		H1	DCT WLM UBSON NICLA BANDA VONDO W411 DULIN DCT
YWLM	YAMB		H2	DCT WLM V535 LOSKU VONDO W411 DULIN DCT
YWLM	YBTL		H1	DCT WLM UBSON NICLA SORTI SANAD TW W542 OVNOM W655 SULMI AKUMI Q147 VOMPA TL DCT
YWLM	YMAV	%		DCT WLM LIMLO H536 ISBOV T49 OMLAV Q15 WOL H65 LEECE Q29 ML W15 AV DCT
		>		DCT WLM MONDO H201 TESAT V169 ML W15 AV DCT
YWLM	YMES	%		DCT WLM LIMLO H536 ISBOV T49 NWA W437 COM W290 ESL DCT
		>		DCT WLM MONDO H201 TESAT V169 PEGSU V20 COM W290 ESL DCT
YWLM	YMML	%		DCT WLM LIMLO H536 ISBOV T49 OMLAV Q15 WOL H65 LEECE Q29 ML DCT
		>		DCT WLM MONDO H201 TESAT V169 ML DCT
YWLM	YPDN		H2	DCT WLM UBSON NICLA SORTI SANAD TW W542 OVNOM W655 SULMI IVRAD Q57 MIGAX A464 TN Q23 DN DCT
YWLM	YPEA		H1	DCT WLM H536 ISBOV T49 NWA DCT ISNOL DCT BORLI J21 MUBID Q10 MALUP Q158 PH W839 PEA DCT
YWLM	YPLM		H1	DCT WLM MONDO DCT PKS J141 LEC T21 WENER BIDAP NWN W321 LM DCT

YWLM	YPTN		H2	DCT WLM UBSON NICLA SORTI SANAD TW W542 OVNOM W655 SULMI IVRAD Q57 MIGAX A464 TN DCT
YWLM	YSCB	%		DCT WLM LIMLO H536 ISBOV T49 OMLAV Q15 WOL H65 CB DCT
		>		DCT WLM MONDO H201 TESAT V169 CB DCT
YWLM	YSNW	%		DCT WLM LIMLO H536 ISBOV T49 NWA DCT
		>		DCT WLM MONDO H201 TESAT H65 WOL H20 NWA DCT
		>*		DCT WLM MONDO H201 TESAT V169 PEGSU V501 NWA DCT
YWLM	YSRI			DCT WLM MONDO Q410 RUTOS DCT RITSU DCT STUIE DCT

*alternative routing option

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SPECIAL PROCEDURES (NOT ASSOCIATED WITH AN AERODROME)

1. SP 1 - BASS STRAIT CROSSINGS

1.1 **Recommended Routes**

1.1.1 These routes do not replace compliance with any requirements or equipment for flight over water, found in the relevant *CASR Part* for the operation conducted. These requirements still need to be met and are not alleviated by the following preferred routes.

1.1.2 For any aircraft, single or multi-engine, which are unable to maintain height after an engine failure:-

a. Flights through King Island- track via Cape Otway, Bold Head and Hunter Island. MNM ALT for continuous VHF COM - 3,000FT.

b. Flights through Flinders Island- landfall from/to Cape Liptrap through to McGauran Beach (MGBH) to track via Hogan Island, Deal Island then via Cape Portland or Waterhouse Island. MNM ALT for continuous VHF COM - 2,000FT.

1.2 **Recommended VFR Reporting Procedures Across Bass Strait**

1.2.1 The following reporting procedures are recommended for Bass Strait crossings.

a. Report position leaving the coast, together with aircraft type, tracking details and POB;

b. Nominate reporting schedule appropriate to the aircraft speed e.g. 10, 15 or 30 minute intervals;

c. At each scheduled reporting time, report “OPERATIONS NORMAL”, preferably with a position;

d. Report when crossing opposite coast to cancel the reporting schedules.

1.2.2 As an alternative, pilots may report leaving the coast and nominate a SARTIME for the expected landfall of the opposite coastline.

Note: All reports associated with these procedures for Bass Strait crossings should be made to Melbourne Centre as appropriate.

1.2.3 Minimum altitude requirements apply to enable continuous two-way VHF communication across Bass Strait.

1.3 **Air Traffic Services**

1.3.1 Air Traffic Services will respond immediately to any emergency call, but in the event of radio failure or other situation that prevents use of radio, the use of scheduled reporting over water will ensure that SAR action is taken following a missed report. A missed report ensures quicker response than a nominated SARTIME for which SAR action would be taken at the expiration of that time, or if incidental information was received indicating an aircraft was in difficulty.

1.3.2 In the unfortunate event of a ditching, particularly in Bass Strait, survivability from hypothermia is reliant on quick recovery from the water. Scheduled reporting will afford a quicker than normal response when SAR action is required.

2. SP 2 - FLIGHTS BETWEEN AUSTRALIA AND PAPUA NEW GUINEA

2.1 Pilots intending to fly to or from Papua New Guinea via Horn Island, must provide 24 hours notice to the Australian Customs Service. This notification should be directed to:
Sub-Collector of Customs, Customs House,
Victoria Parade,
Thursday Island, Queensland. 4870.
Telephone: 07 4069 1554 or fax: 4069 1211

2.2 Flights between Australia and Papua New Guinea are international flights. Pilots should refer to PNG AIP for relevant charts, frequencies and PNG entry requirements.

2.3 **Air Traffic Services And Flight Notification**

2.3.1 VFR flights proceeding from Australian to the Port Moresby FIR are required to submit flight notification in international format to Port Moresby ATS Units. Flight notification details submitted to Australian Briefing Offices will be forwarded to PNG authorities.

2.3.2 VFR aircraft operating outside Australian controlled airspace are not required to report to Australian ATS units prior to the FIR boundary, but may use reporting schedule (SKED) procedures while crossing Torres Strait. When exiting the Brisbane FIR for the Port Moresby FIR, pilots of VFR flights are responsible for establishing communications and their own SAR alerting requirements with Port Moresby FIC prior to crossing the common FIR boundary.

2.3.3 Radio communications with Port Moresby Flight Information Service (FIS) shall be established 15 minutes prior to the boundary estimate and the following details will be passed:

– aircraft registration
– aircraft type
– DEP AD/ATD
– DEST AD/ETA
– Altitude
– EST FIR boundary
– ETA next position
– Persons On Board

Flight crew shall ensure aircraft are equipped with the mandatory frequencies of 5565, 6622, 8837, 8861 and 8906. Pilot to Pilot communications are available on VHF 128.95 (refer *PNG Aerodrome/Communications (AD/COM) Chart Dated 30 NOV 2004*)

3. SP 3 - TORRES STRAIT BIOSECURITY REQUIREMENTS

3.1 Several pests and diseases present in the Torres Strait and nearby Papua New Guinea are not found on mainland Australia. Consequently, biosecurity legislation controls the movement of goods such as fresh fruit and vegetables, meat and meat products, live plants, seeds and plant materials, live animals, hides, skins and soil, south from the “Torres Strait Protected Zone” (northern islands) to the “Permanent Biosecurity Monitoring Zone” (Thursday Island group), or from either of these two zones to the mainland.

3.2 Movement of these goods is restricted by the Department of Agriculture and Water, and the Environment (the department). A permit is required for certain goods.

3.3 Pilots should ensure that an aircraft travelling south from either of these zones to the mainland are suitably disinsected.

3.4 Pilots must ensure they notify the department before departing to the Australian mainland. Pilots must attempt to contact biosecurity staff at the island departure point. This can be done 30 minutes prior to departure from the Torres Strait. A biosecurity officer may inspect your aircraft and goods carried by crew or passengers. A *notification number* will be issued by a biosecurity officer, which pilots should record for auditing purposes. If there is no biosecurity officer available on their island of departure, pilots must contact the Department 30 minutes prior to arrival on the mainland by contacting the department officers at Horn Island Airport on 07 4069 1310 or the Thursday Island Office on 07 4212 0185.

4. SP 4 - PURNULULU NATIONAL PARK (BUNGLE BUNGLE) SCENIC FLIGHTS

4.1 Scenic flights conform to the route depicted on the following Fixed wing and Rotary wing map and to the Standard Operating Procedures. Pilots conducting these flights should operate on 127.3.

4.2 **National Park Entry Points**

NE Entry 1718.3S 12830.7E
SW Entry 1728.0S 12817.5E

4.3 **Aeroplanes**

4.3.1 Aeroplanes operate around the Bungles in a clockwise direction and in accordance with the following procedures:

a. Scenic route entry and exit should be conducted via the designated points.
b. Entry and Exit of route at other locations must be at a tangent to the route.
c. Corner cutting and orbits are not permitted.
d. The maximum IAS is 140KTS.
e. Operate between 2,500FT and 3,000FT.

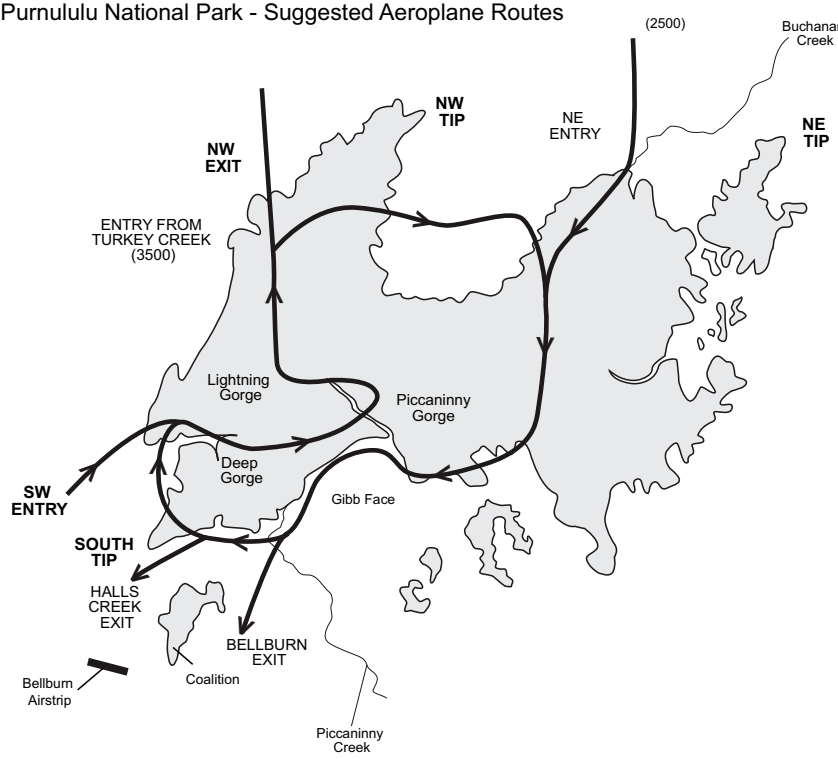
f. Broadcast departing the area on the CTAF 127.3.
g. Traffic departing the Route at the Bellburn exit point for landing at Bellburn to maintain a track 2NM East of the Coalition.

4.3.2 Bellburn is a private strip and permission is required prior to landing. Refer to Bellburn FAC entry for contact details.

4.3.3 Visiting Aircraft/Pilots. Due to high volume of both Fixed wing and Rotary wing traffic at the Bungles:
a. It is highly recommended that a briefing is obtained from any of the local scenic operators at Kununurra before conducting a scenic flight of the Bungle Bungles. If no briefing is available, pilots/aircraft should maintain 3,500FT over the Bungle Bungles.
b. Peak traffic times are 06:30-07:30, 09:30-10:30 and 15:30-16:30 Local, try and avoid these times where possible.

Bungle Bungle Ranges

Purnululu National Park - Suggested Aeroplane Routes



4.4 **Helicopters:**

4.4.1 Helicopters are requested to respect public and indigenous sensitivities by following the negotiated flight paths within the Bungle Bungles (Purnululu National Park).

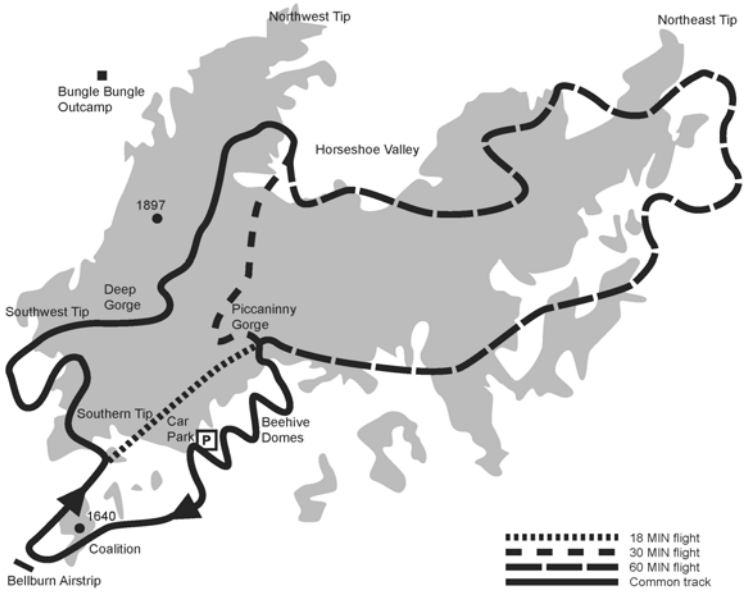
4.4.2 To maintain terrain clearance, helicopters may operate to the minimum extent required above 2,000FT provided they:
a. Broadcast their intentions before leaving 2,000FT on climb;
b. Cross the aeroplane route at right angles; and
c. Broadcast returning to operations not above 2,000FT.

4.4.3 Helicopters are not permitted to land on the Bungle Bungle Range at any time. Helicopters can only land at the Bellburn airstrip within the Purnululu National Park.

4.4.4 Bellburn is a private strip, permission is required prior to landing. Refer to *Bellburn FAC* entry for contact details.

4.4.5 Visiting Helicopters/Pilots. Due to high volume of both Fixed wing and Rotary wing traffic at the Bungles; It is highly recommended that a briefing is obtained from any of the local Helicopter scenic operators at Kununurra or Bellburn before conducting a scenic flight of the Bungle Bungles.

Bungle Bungle Ranges
Purnululu National Park - Suggested Helicopter Routes

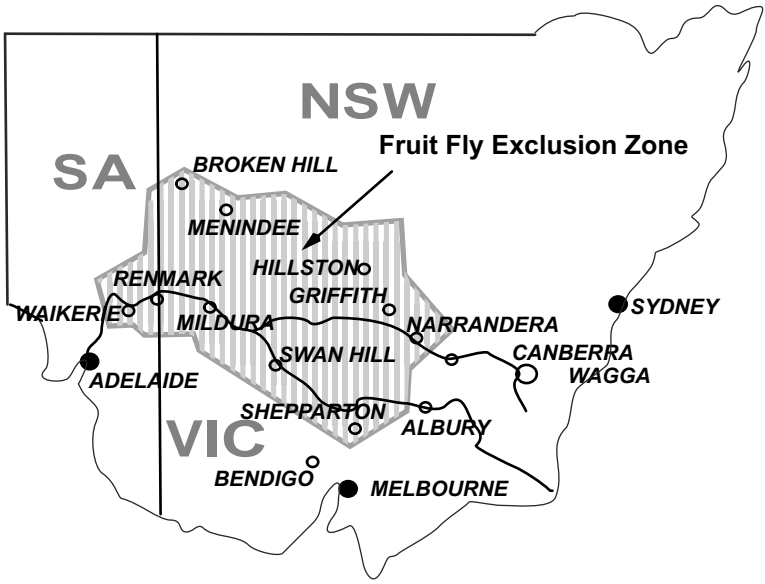


5. SP 5 - GREAT SANDY BAY MARINE PARK AND FRASER ISLAND

5.1 In the whale management area of the Great Sandy Marine Park, pilots of fixed wing ACFT must not bring the ACFT any closer to a whale than 300M unless the aircraft is at an altitude of at least 1,000FT. A helicopter must not be brought any closer to a whale than 1KM unless the helicopter is at an altitude of at least 2,000FT. For further information refer to the Marine Park (Great Sandy) Zoning Plan 2006 or contact the Queensland Parks and Wildlife Service, Senior Ranger (Great Sandy Marine Park) on phone: 07 4197 4003. For information relating to flights over the Great Sandy National Park (Fraser Island section) contact the Conservation Officer (Fraser Island) on phone: 07 4127 9128 (ext 223).

6. SP 6 - FRUIT FLY EXCLUSION AREA

6.1 Pilots should be aware that carrying fresh fruit into the Fruit Fly Exclusion Zone without a permit is illegal.



7. SP 7 - AYERS ROCK

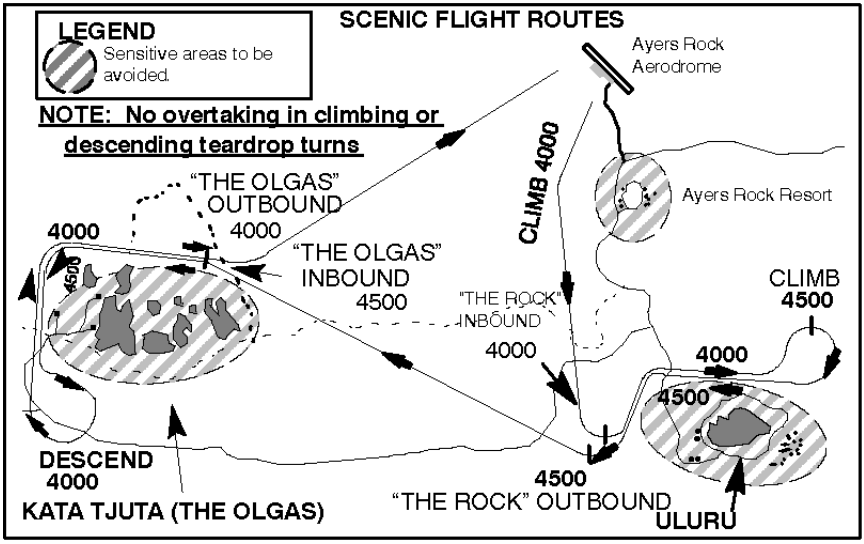
7.1 STANDARD SCENIC FLIGHT PROCEDURES

7.1.1 Except in an emergency, no aircraft is permitted to land in the Uluru-Kata Tjuta National Park (The Park). The Park covers an area of approximately 406 square NM. Irregular shaped in profile, the park is bounded by straight lines joining 2524.54S 13122.19E, 2515.47S 13122.20E, 2515.47S 13100.34E, 2515.54S 13100.34E, 2515.55S 13045.40E, 2507.19S 13045.10E, 2504.48S 13040.40E, 2524.54S 13040.40E, 2524.54S 13122.19E (GDA94 data format).

7.1.2 All commercial activity, including aviation, within or over the Park requires a permit from the Park's Director. Permits routinely take 28 days to be processed. Hang gliding, parachuting and ballooning are generally not allowed from or over the Park. Further information is available from the Park's website: www.environment.gov.au/parks/uluru/index.html.

7.1.3 Due to the cultural significance to the traditional owners of areas within the Park, Special Procedure 7 (SP7) was developed by Park management and the resident aircraft operators for scenic flights around Uluru (Ayers Rock) and Kata Tjuta (the Olgas). SP7 (the Standard Scenic Flight Procedure) describes the route to be flown.

7.1.4 Pilots operating scenic flights around Uluru (Ayers Rock) and Kata Tjuta (the Olgas) are requested to follow the flight path depicted on the diagram below and set out in subparagraphs 7.4.1 to 7.4.3. To avoid confusion, pilots are requested to refer to the aerodrome as 'Ayers Rock' or 'Ayers Rock aerodrome' and to Uluru (Ayers Rock) as 'the Rock'. More detailed information is available from the Uluru/Ayers Rock inset of the Alice Springs Visual Terminal Chart (VTC).



7.1.4.1 Flight directly over the Rock or the Olgas is to be avoided. Additionally, flight over the sensitive areas marked on the diagram is to be avoided.

7.1.4.2 Fixed wing aircraft should:

a. track Ayers Rock AD to the Rock at 4,000FT;
b. climb to 4,500FT NE of the Rock (see diagram);
c. track the Rock to the Olgas at 4,500FT;
d. descend to 4,000FT SW of the Olgas (see diagram)
e. track the Olgas to Ayers Rock AD at 4,000FT.

7.1.4.3 Helicopters should track via the same route as fixed wing aircraft, but maintain 3,500FT for the entire flight.

7.1.5 Pilots should note that a CA/GRS operates at Ayers Rock AD. All aircraft are requested to make the following broadcasts:

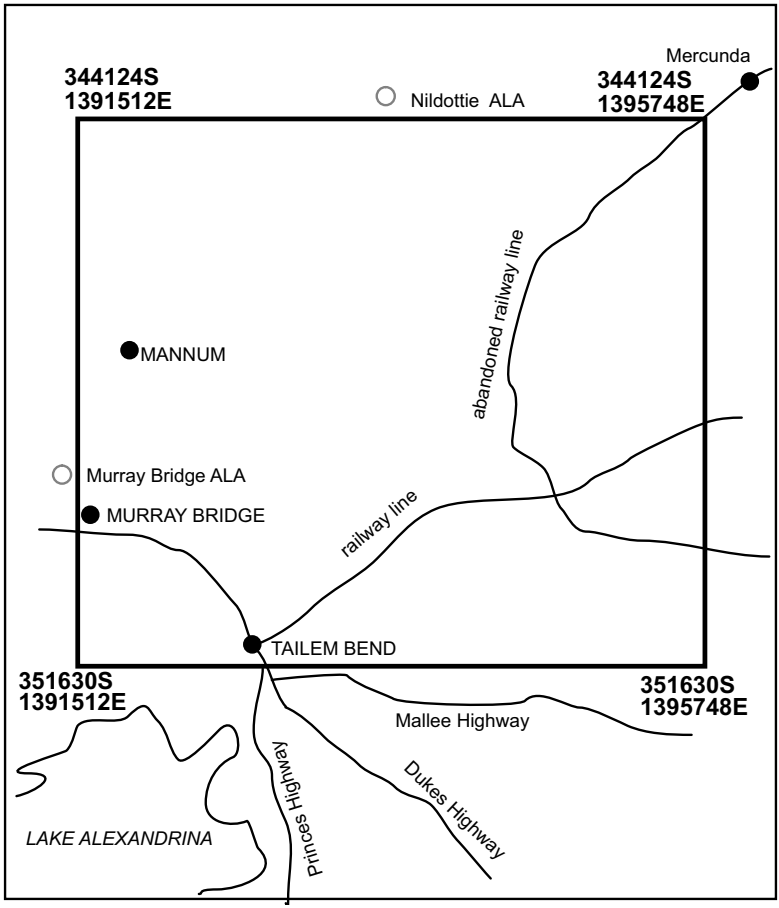
a. prior to taxiing, aircraft details and RWY;
b. 'departed Ayers Rock aerodrome for the Rock climbing to (level)';
c. 'the Rock inbound (level)' (at the gate depicted on the diagram);
d. if applicable 'leaving 4,000FT for 4,500FT';
e. at the gate depicted on the diagram, 'the Rock outbound (level)';
f. at the gate depicted on the diagram, 'the Olgas inbound (level)';
g. if applicable 'leaving 4,500FT for 4,000FT';
h. at the gate depicted on the diagram, 'departing the Olgas (level) for Ayers Rock aerodrome runway (13/31)'; and
i. for all other broadcasts, standard non-controlled aerodrome operating and communication procedures apply.

7.1.5.1 For all other flights within the Ayers Rock aerodrome (YAYE) designated broadcast area, standard non-controlled aerodrome procedures apply.

8. SP 8 - HELICOPTER OPS IN SA QUARANTINE AREA

8.1 The South Australian Department of Water, Land and Biodiversity Conservation (DWLBC) has declared a quarantine area located east of Murray Bridge Aerodrome (350400S 1391336E) to assist in preventing the spread of a noxious weed - Branched Broomrape.

8.2 The quarantine area is about 35NM square (see diagram), within the bounds 3441.4S 13915.2E, 3441.4S 13957.8E, 3516.5S 13957.8E, 3516.5S 13915.2E, 3441.4S 13915.2E.



8.3 The DWLBC has advised that the seed is spread mostly by personal footwear, including socks. Consequently, a decontamination service has been established for those who enter the quarantine area to use prior to departure.

8.4 For specialist advice, pilots of helicopter aircraft operating into the area should contact the DWLBC on 1800 245 704 (available 0700 - 2100 local daily) before planning to land in the area, or before moving the aircraft if an unplanned landing has occurred.

9. SP 9 - TASMANIAN QUARANTINE REQUIREMENTS

9.1 Tasmania has strict Quarantine regulations, backed up by strong penalties for breaking the law. Tasmania is relatively free from a range of pests and diseases found in other parts of Australia and the regulations are an important measure to minimise the risk to Tasmania's environment and important agricultural industries.

9.2 To meet Quarantine regulations, you must declare fresh fruit, vegetables, plants and plant products and fish and fish products to a Quarantine Officer. Otherwise, you should dispose of these items in the quarantine bins located in the arrival area.

9.3 Quarantine restrictions also apply to the importation of all plant cuttings, seeds, cut flowers, native birds, reptiles, aquarium fish, fishing gear, waders and animal products such as fox skins and hides. Dogs will need to be treated for the Hydatid Tapeworm and proof shown to Quarantine upon arrival in Tasmania.

9.4 Quarantine measures are important. If you do, by mistake, bring any restricted items into Tasmania, pass them to the quarantine officer at the barrier checkpoint for inspection or dispose of them in the bins provided. If you pass the checkpoint, quarantine officers or trained sniffer dogs may detect these items and you could receive an on the spot fine.

9.5 If you are unsure about any goods or material you are carrying then please check with the quarantine officer on duty, contact Quarantine Tasmania or visit the website. Quarantine Tasmania can be contacted on the following:

Email: quarantine.enquiries@dpipwe.tas.gov.au

Website: www.dpipwe.tas.gov.au/quarantine

Phone: 03 6233 3352

10. SP 10 - KATI THANDA - LAKE EYRE NATIONAL PARK

10.1 Kati Thanda - Lake Eyre National Park is administered by the Department for Environment and Water (DEW), in accordance with the National Parks and Wildlife Act 1972. The region includes a number of sensitive areas that can, in times of lake flooding, contain large bird populations of environmental significance.

10.2 Pilots are reminded that the bird populations can appear at short notice and locations can change rapidly. This can be hazardous to aviation. Pilots are requested to keep a lookout for bird populations (airborne or nesting) and remain above 1,500FT AGL and outside a 1NM perimeter of these areas. For further details contact District Ranger, Outback, Department for Environment and Water on 08 8648 5300 or email dew.flindersandoutback@sa.gov.au.

10.3 During periods when water is present in Lake Eyre, increased sightseeing traffic can be expected. Regular departures occur from airstrips within the broadcast area and larger capacity aircraft can be expected to be operating to a minimum of 1500FT AGL.

10.4 The following procedures are recommended when operating in the area:

(i) Communications within the Lake Eyre Broadcast Area (BA) SFC to 5,000FT should be on FREQ 127.8.

(ii) Broadcasts should be made whenever reasonably necessary to avoid a collision, or the risk of collision, with another ACFT.

(iii) Pilots should consider making and information call on entering the BA at or below 5,000FT - reporting the ACFTs position by reference to ALA's within the BA or as a bearing and distance from Lake Eyre North or Lake Eyre South. It is recommended that pilots make a broadcast when over significant features as depicted on the WAC.

(iv) It is highly recommended that a briefing is obtained from any of the local commercial scenic operators in the area to determine the traffic pattern in use and areas of increased traffic concentration. These include but are not limited to, Belt Bay and the Warburton and Cooper Creek inlets. Contact Wrightsair on 08 8670 7962 or email wrightsair@bigpond.com.

(v) Lake Eyre scenic routes can vary (seasonal water levels, concentrations of wildlife, etc), however a clockwise direction is recommended. Commercial scenic operations take place between 1,500FT and 3,500FT but may be conducted at any level in the BA depending on the nature of the operation.

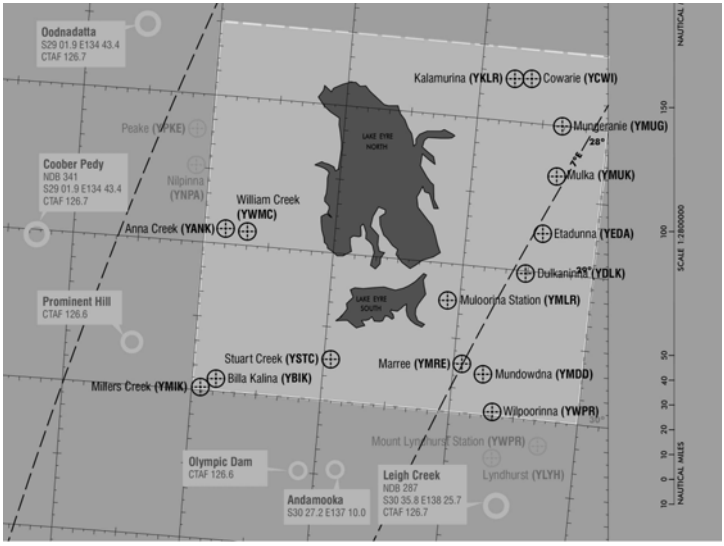
(vi) Traffic climbing or descending through the 5,000FT upper limit should broadcast intentions on the appropriate FREQ.

(vii) Except in an emergency or with prior permission from the DEWNR, landing on Lake Eyre or anywhere within the Kati Thanda Lake Eyre National Park is prohibited. Do not attempt to land on Lake Eyre as the SFC may not support the weight of your ACFT.

10.5 Prior permission is required if landing at any of the airstrips with the BA, CTAF 127.8.

10.6 Refer to ERSA FAC entry for YWMC and YMRE.

10.7 The BA is depicted on ERCL 7 and is within the boundaries of straight lines joining 2730S 13600E to 2730S 13900E to 3000S 13700E to 3000S 13600E to 2730S 13600E.



11. SP 11 - GREAT BARRIER REEF - CAIRNS SCENIC FLIGHTS

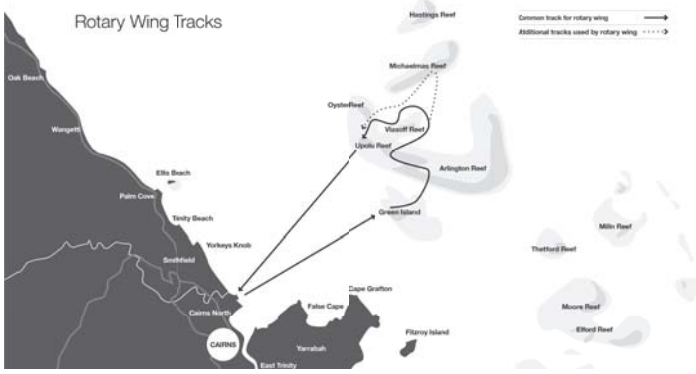
11.1 High volume helicopter and fixed wing traffic operate over an area of the Great Barrier Reef 18NM north east of Cairns Airport, encompassing Green Island, Arlington Reef, Hastings Reef and Upolu Cay. While the aircraft operate on various tracks the general traffic flow shall be anti-clockwise.

11.2 **Entry/Exit**

a. Entry gate: **Green Island**.
b. Anti-clockwise traffic flow.
c. Exit gate: **Upolu Cay**.
d. Entry/exit gates will remain unchanged regardless of the active runway-in-use at Cairns Airport.

11.3 **Rotary Wing Tracks**

a. Track outbound at 500FT to **Green Island** – remain at 500FT until 12DME from Cairns Airport then climb to 1,000FT.
b. Track inbound at 500FT from **Upolu Cay**.
c. Rotary wing aircraft to broadcast on the CTAF before operating in the reef scenic area above 500FT.

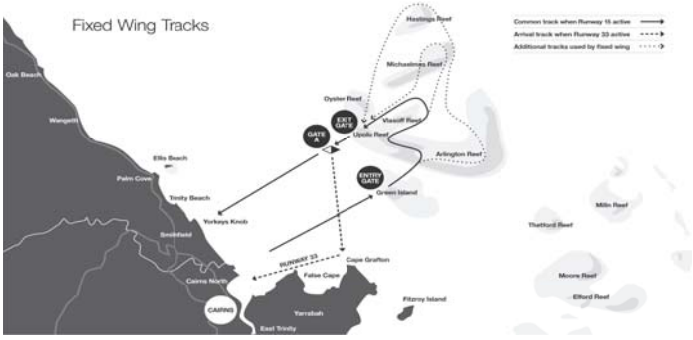


11.4 **Fixed Wing Tracks**

a. Track outbound at 1,500FT to **Green Island**.
b. Track inbound at 1,000FT from **Upolu Cay** to **Gate A**.
   (i) **Gate A** location is at 1643S 14552E on the **Upolu** to **Yorkeys Knob** track.
c. For arrivals to **Runway 15**: track as cleared and directed by ATC.
d. For arrivals to **Runway 33**: from exit **Gate A** turn left and track towards **Cape Grafton**, remaining OCTA at 1,000FT.
e. Fixed wing aircraft to broadcast on the CTAF before operating in the reef scenic area below 1,000FT.

*Note 1: When Runway 33 is in operation at Cairns Airport, outbound traffic can expect fixed wing aircraft to track south from **Gate A** toward **Cape Grafton** at 1,000FT.*

Note 2: For heightened situation awareness, all traffic should be monitoring FREQ 126.1 between 7NM and 12NM from Cairns Airport.



12. SP 12 - HORIZONTAL FALLS SCENIC FLIGHTS

12.1 Seaplanes and helicopters operate at 2,000FT and below at the Horizontal Falls, landing and departing the Talbot Bay area as depicted in the image below.

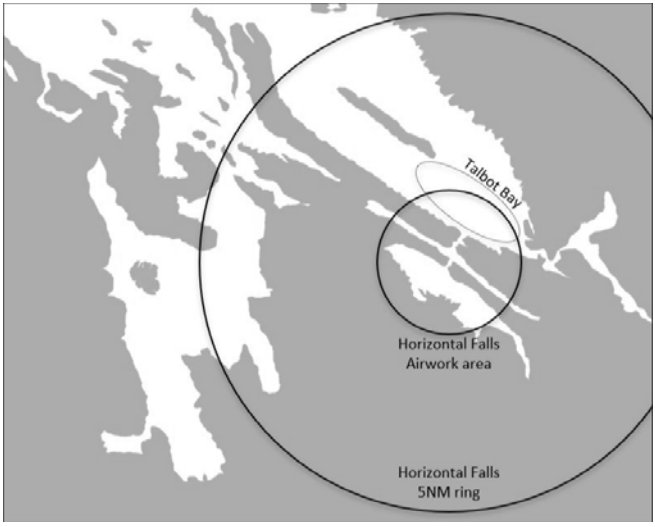
12.2 A 2,500FT lower level for fixed wing aircraft (excluding seaplanes) exists during seaplane operations to facilitate operations into Talbot Bay. If seaplanes are not in operation and passengers are wearing life jackets if required, operations at 2,000FT for fixed wing aircraft may be conducted.

12.3 Low level helicopter operations are conducted at the Horizontal Falls below 1,000FT.

12.4 An area briefing for itinerant aircraft is advised from local operators (primarily based at Broome) before conducting operations at the Horizontal Falls.

12.5 Scenic flights for all fixed wing and rotary aircraft should operate in accordance with the following procedures:

a. At 10NM, aircraft are to broadcast airwork intentions on the West Kimberley Broadcast Area CTAF 127.2.
b. Traffic to be separated by 500FT increments. If the desired altitude for airwork is unavailable, holding outside of the Horizontal Falls 5NM radius is required until the desired altitude is available.
c. At 5NM inbound to the Horizontal Falls, aircraft must be established at the desired airwork altitude and broadcast location, inbound heading and intentions.
d. Outbound from the Horizontal Falls, aircraft should not climb from their airwork altitude until outside the 5NM radius and established on their outbound track.
e. Seaplane operations to remain at 1,500FT (clear of terrain) until passing the 5NM radius from the Horizontal Falls.



13. SP 13 - WILPENA POUND

13.1 Wilpena Pound is situated in the central Flinders Ranges of South Australia and at the centre of the Wilpena Broadcast Area depicted on En Route Chart (ERC L7). The Broadcast Area extends from Hawker in the south to Blinman in the north.

13.2 Prior permission is required to land at Wilpena (YWPN) operated by Ikara Wilpena Pound Resort and Rawnsley Park (YRYK) and at most of the other airfields in the Broadcast Area.

13.3 Communications within the Broadcast Area SFC to 5,000FT should be on FREQ 126.7

13.4 Pilots of visiting aircraft should consider making an information call on entering the Broadcast Area at or below 5,000FT, reporting position and intentions by reference to significant features as depicted on the WAC.

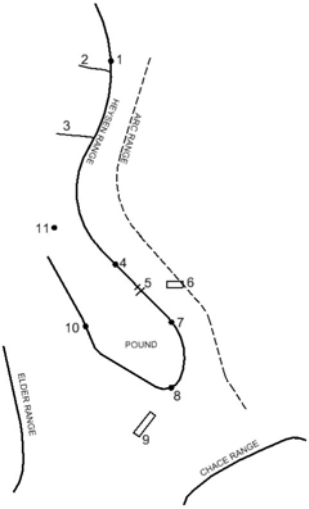
13.5 Traffic climbing or descending through the 5,000FT upper limit should broadcast intentions on the appropriate FREQ.

13.6 Broadcasts should be made whenever reasonably necessary to avoid a collision, or the risk of collision, with another ACFT.

13.7 Commercial fixed wing and helicopter flights operate a variety of scenic flight routes in the vicinity of Wilpena Pound on a regular basis. Most flights are conducted not above 4,500FT but altitudes vary due to weather conditions.

13.8 Commercial operators report over a number of points in the vicinity of Wilpena Pound. The map below depicts these points, some of which are not depicted on the WAC.

13.9 Prior to operating in the vicinity of Wilpena Pound it is highly recommended that pilots obtain a briefing from one of the local operators to determine the traffic pattern in use.



13.10 Wilpena Pound Special Procedures

a. Special Procedures are recommended in the vicinity of Wilpena Pound to separate visiting aircraft from local commercial traffic.

b. To minimise conflict with commercial scenic flights, where possible visiting aircraft planning to fly in the vicinity of Wilpena Pound should consider operating in accordance with the following:
   (i) Not below 5,000FT.
   (ii) Track to enter over either Mount Hayward in the north or Rawnsley Park in the south.
   (iii) Flights around Wilpena Pound in a clockwise direction.
   (iv) Report entering and leaving the area on FREQ 126.7.
   (v) Maintain a listening watch on FREQ 126.7 and report position, altitude and intentions to other aircraft where necessary.

c. Reporting points used by local operators:
   (1) 311839S 1383358E - Mount Hayward
   (2) 312024S 1383315E - Brachina Gorge
   (3) 312448S 1383239E - Bunyeroo Gorge
   (4) 313014S 1383305E - St Mary Peak
   (5) 313152S 1383613E - Pound Gap and/or Wilpena Resort
   (6) 313100S 1383730E - YWPN Wilpena/ALA
   (7) 313505S 1383744E - Point Bonney
   (8) 313716S 1383645E - Rawnsley Bluff
   (9) 313900S 1383700E - YRYK Rawnsley Park/ALA
   (10) 313451S 1383245E - Bridle Gap
   (11) 313000S 1383110E - Edeowie Gorge

FLY NEIGHBOURLY ADVICE

14. FN 1 - KAKADU NATIONAL PARK - Fly Neighbourly Advice

14.1 A Fly Neighbourly Agreement applies to the airspace above Kakadu National Park. The Fly Neighbourly Agreement provides specific scenic flight routes and ensures aircraft stay a respectful distance from 34 sensitive environmental, cultural and residential areas in the Park. Pilots intending to fly over Kakadu National Park should obtain, read and comply with the Fly Neighbourly Agreement. The Agreement is available at the following addresses:
Kakadu National Park
PO Box 71
JABIRU, NT. 0886
Phone 08 8938 1100
Fax 08 8938 1115
Email: kakadunationalpark@environment.gov.au
Web: www.environment.gov.au/resource/fly-neighbourly-agreement-kakadu-national-park

14.2 Except when operating on one of the specific scenic flight routes identified in the Fly Neighbourly Agreement, pilots are requested to maintain a minimum altitude of 2,500FT AMSL, unless operation at this altitude would jeopardise the safe conduct of the flight.

15. FN 2 - BLUE MOUNTAINS NATIONAL PARK - Fly Neighbourly Advice

15.1 The Blue Mountains National Park is administered by the NSW National Parks and Wildlife Service (NPWS) in accordance with the National Parks and Wildlife Act 1974. The park contains sensitive environmental areas.

15.2 Pilots undertaking sightseeing flights should obtain details of the areas to be avoided and the preferred scenic routes in the Katoomba area from the Park Manager.

15.3 The Park Manager can be contacted by Phone on 02 4787 8877, or Fax on 02 4787 8514, or by writing to:
The District Manager,
Blue Mountains National Park,
PO Box 43, BLACKHEATH NSW 2785.

15.4 Except when operating on preferred scenic routes, pilots are requested to maintain a minimum altitude of 2000FT above the surface of the park (the surface being defined as the highest point of terrain, and any object on it, within a radius of 600M of a point vertically below the aircraft), unless operation at this altitude would jeopardise the safe conduct of the flight.

15.5 This altitude recognises the special terrain/weather conditions and the overlying airspace arrangements of this area.

16. FN 3 - GRAMPIANS NATIONAL PARK - Fly Neighbourly Advice

16.1 The Grampians National Park is administered by Parks Victoria, in accordance with the National Parks Act 1975. The park contains sensitive environmental areas. Pilots undertaking sightseeing flights should obtain details of the areas to be avoided and the preferred scenic routes in the Halls Gap area from the Chief Ranger.

16.2 Contact Brambuk - the National Park and Cultural Centre, Halls Gap on 03 5361 4000, Fax on 03 5356 4446, via email to info@brambuk.com.au, or by writing to
The Chief Ranger,
Grampians National Park,
PO Box 18, HALLS GAP, VIC 3381.

16.3 Except when operating on preferred scenic routes, pilots are requested to maintain a minimum altitude of 2,000FT above the surface of the park (the surface being defined as the highest point of terrain, and any object on it, within a radius of 600M of a point vertically below the aircraft) unless operation at this altitude would jeopardise the safe conduct of the flight.

17. FN 4 - HEAD OF BIGHT - Fly Neighbourly Advice

APPLICABLE 1ST MAY TO 31ST OCTOBER ANNUALLY

17.1 The Fly Neighbourly area extends from 13055E to 13117E and to 3NM off shore.

17.2 Pilots undertaking sight seeing flights in the Fly Neighbourly area are requested to comply with the following requirements:

a. Enter the area from the eastern extremity and track west.
b. Cruise not below 1,000FT.
c. Do not circle whales.
d. Exit the area at any time by executing a turn to track inland of the shore line by 2NM.
e. Re-entry to the area is to track 2NM inland of the shore line to the entry point. (This requirement is to avoid disturbance to land-based whale watchers.)

17.3 For further details contact:
District Ranger, Far West
Department for Environment and Water
Ph: 08 8688 3111
Email: epparks@sa.gov.au

18. FN 5 - MOORABBIN TRAINING AREA - Fly Neighbourly Advice

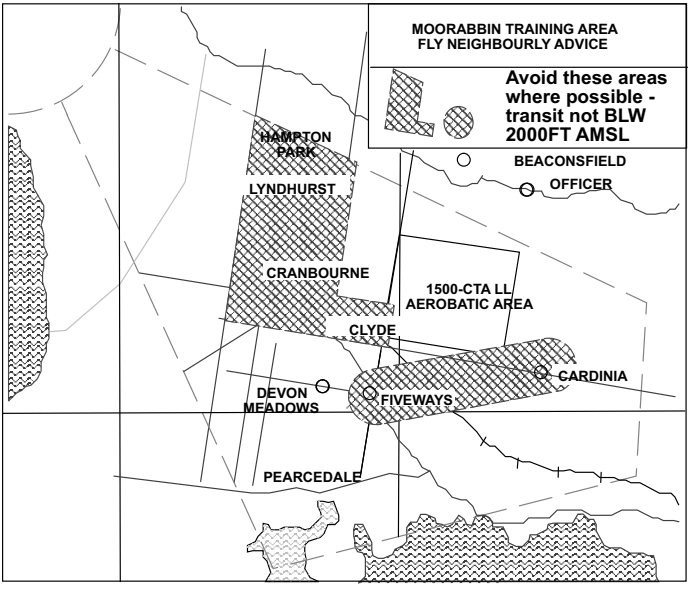
18.1 The City of Casey has adopted a Fly Neighbourly Advice for aircraft operating within the "Moorabbin Training Area".

18.2 The Moorabbin Training Area is approximately defined as an area bounded by a line from Moorabbin Aerodrome to Pearcedale, then coastal to Koo-wee-rup, Pakenham to Moorabbin Aerodrome (*see map, Appendix 1*).

18.3 Pilots of aircraft operating in the Moorabbin Training Area are requested to avoid the following urban areas: Hampton Park / Lyndhurst / Cranbourne, and within circles of one nautical mile (1NM) of Cardinia and Five Ways joined tangentially (*see map*), or not to operate below 2,000FT over these areas.

18.4 Pilots are requested to minimise aerobatic manoeuvres below 3,000FT in the aerobatic area east of Berwick - Cranbourne Road and north of Ballarto Road, due to noise sensitivity.

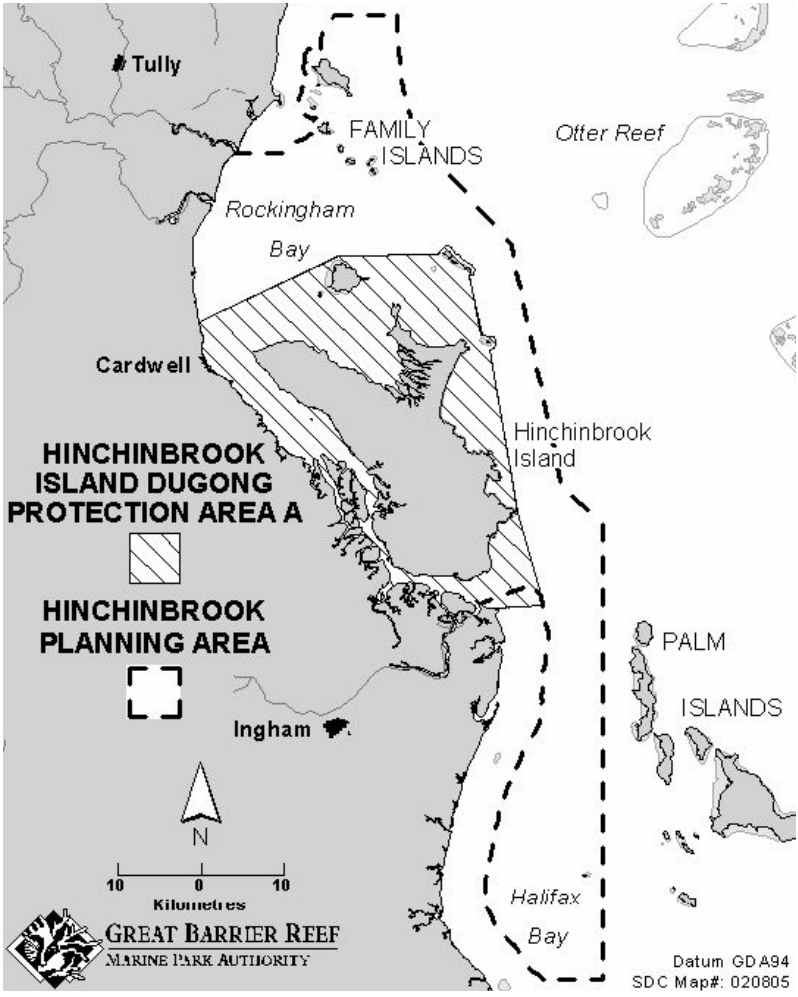
18.5 In addition, pilots are requested to observe the following recommendations:
a. no air training activity in the Moorabbin Training Area after 1000 UTC, (1100 UTC during HDS); and
b. farm and other buildings should not be used as reference points for training manoeuvres.



19. FN 6 - GREAT BARRIER REEF MARINE PARK (GBRMP) - Fly Neighbourly Advice

19.1 The GBRMP is located within an area of the Great Barrier Reef extending from abeam Cape York to approximately 10NM North of Fraser Island, from sea level to 3,000FT. The Marine Park is a declared World Heritage Area and is administered by the Great Barrier Reef Marine Park Authority (GBRMPA) and managed by the Queensland Parks and Wildlife Service.

19.2 The GBRMP is managed in four geographical sections:
Far Northern (Cape York - Murdoch Point)
Cairns (Murdoch Point - Clump Point)
Central (Clump Point - Cape Conway)
Mackay/Capricorn (Cape Conway - 10NM North of Fraser Island)



19.3 The GBRMP contains nearly 1,000 rocky islands and cays, many being sensitive seabird breeding sites of national and international significance.

19.4 Pilots are requested to not fly below 1,500FT within one (1)NM of sites occupied by nesting seabirds.

19.5 Arrangements exist with military and commercial aircraft operators with respect to the avoidance of sensitive areas.

19.6 Pilots are specifically requested to note the following significant nesting sites and to not fly below 1,500FT within one (1)NM of these sites:

Far Northern Section	
Combe Islet	142402S 1445407E
Tydeman Cay	135904S 1443112E
Davie Cay	135835S 1442718E
Night Island	131050S 1433442E
Quoin Island	122415S 1432920E
Raine Island	113527S 1440206E
Moulter Cay	112431S 1440112E
Wallace Island	112654S 1430155E
Pelican Island	135436S 1435005E
Magra Island	115126S 1431653E
Bushy Island	111452S 1425224E
Stapelton Island	141909S 1445100E
Sandbank number 7	132618S 1435820E
Sandbank number 8	132154S 1435716E
Milman Island	111011S 1430056E
McCarthur Island	114340S 1425835E
MacLennan Cay Island	111917S 1434840E
Saunders Islet	114204S 1431051E
Cairns Section	
Sisters Island	174442S 1460938E
Stephens Island	174416S 1460934E
Low Isles	162302S 1453335E
West Hope Island	154452S 1452638E
Three Isles	150642S 1452513E
Rocky Islets	145129S 1452840E
Eagle Islet	144151S 1452236E

19.7 **Central Section - Hinchinbrook Planning Area (please see map prev page)**
Pilots are requested to avoid:
a. flying below 1,500FT within the Hinchinbrook Planning Area;
b. landing within the Hinchinbrook Island Dugong Protection Area A; or
c. landing within 500M of any Island.

19.8 Michaelmas Cay, situated approximately 030DEG MAG/20NM Cairns, is ranked as the most important seabird breeding site within the Cairns Section.

19.9 Aircraft operating upwind of a seabird breeding site are likely to cause greater impact than those downwind, therefore, distance from a site may need to be increased when operating upwind to avoid disturbing birds.

19.10 For advice, on sensitive areas within the GBRMP and the restrictions imposed under the Great Barrier Reef Marine Park Act 1975, pilots should contact the relevant Queensland Parks and Wildlife Service, Coastal Management Program Regional Office prior to operating within the GBRMP.
Far Northern Regional Office (Cairns) 07 4052 3096;
Northern Regional Office (Townsville) 07 4722 5211; or
Central Coast Regional Office (Rockhampton) 07 4936 0511.

19.11 An Environmental Restricted Area has been established within 1NM RAD of Michaelmas Cay 163623.44S 1455822.04E - SFC-3,000FT.

19.12 **MIL ACFT - Hinchinbrook Channel:** In VMC conditions, flights not below 1,500FT. In inclement weather, flights to be conducted at the MNM ALT commensurate with terrain clearance and separation from CLD.
Note: While flights in inclement weather may be as low as 200FT ABV SFC. ACFT should avoid built-up areas.

20. FN 7 - TASMANIAN WORLD HERITAGE AREA AND MT FIELD NATIONAL PARK - Fly Neighbourly Advice

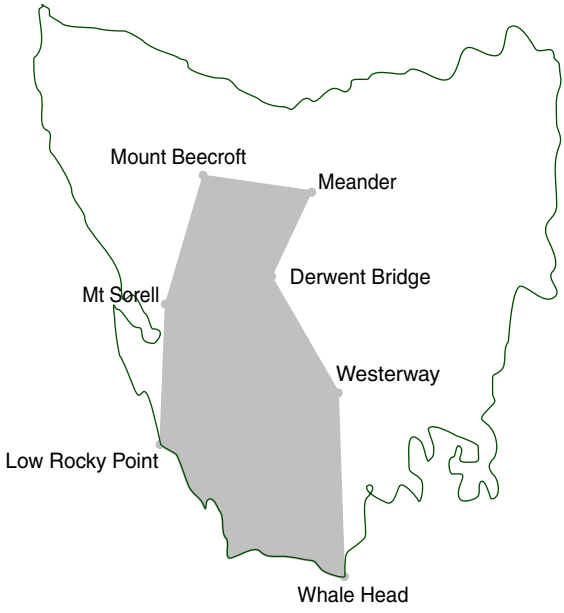
20.1 There is an understanding between non-scheduled air transport operators and the TPWS to operate in the WHA and Mt Field area in an agreed responsible manner. Other pilots undertaking sightseeing flights in the WHA or Mt Field area should obtain information on FN areas, tracking details, operating altitudes, and specific areas to be avoided from:
The Director
Tasmania Parks & Wildlife Service
Department of Primary Industries, Water and Environment
134 Macquarie St
HOBART TAS 7000
(Contact Planning Officer, World Heritage Area; Phone 03 6233 2112)

20.2 Maps may be downloaded from the following website www.parks.tas.gov.au/Documents/Fly%20Neighbourly%207.pdf.

20.3 Advice on operating in the WHA and Mt Field area is also available from most flying schools and non-scheduled air transport operators based at Cambridge, Launceston, Devonport, Wynyard, and Strahan.

20.4 The FNA area is approximately bounded by the following (refer WAC 3556 - Tasmania): Commencing South of Deloraine at Meander, then Miena - Derwent Bridge - Wayatinah - Westerway - Whale Head - then coastal to Low Rocky Point - Mt Sorell - Mount Beecroft - Meander.

20.5 The Sensitive Areas (SAs) are:
Cradle Valley, Traveller Range, Mt Ossa to Mt Rufus, Frenchman's Cap, Mt Anne Lake Judd area, Mt Orion and Arthur Range, and Federation Peak.



20.6 The general minimum overfly altitude for the WHA and Mt Field area is 4,000FT terrain permitting. To minimise the impact of noise:

a. operate at the highest possible altitude and lateral distance from the feature being observed that will allow satisfactory observation from the air;
b. in sensitive areas, avoid prolonged flight and sudden changes in engine management (safety permitting); and
c. endeavour to cross walking tracks and the Franklin River at right angles.

20.7 Flight in and through the SAs should be kept to a minimum, and aircraft should be operated at an altitude and configuration that will minimise noise and visual impact for ground observers.

20.8 Recommended operating altitudes in the WHA and Mt Field area do not apply if these altitudes would jeopardise the safe conduct of the flight.

20.9 **Melaleuca Area Zones.**

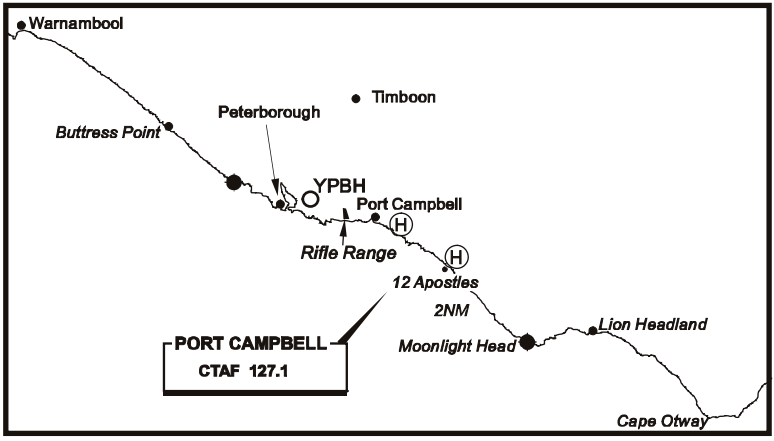
20.9.1 Additional conditions apply during the nesting season of the Orange Bellied Parrot which breeds in the Melaleuca Area zones located within the WHA:

a. From 15 September to 30 April, pilots are requested to avoid:
   (i) repeated passes or circuits above the zones;
   (ii) landing helicopters within the zones; and
   (iii) hovering helicopters above forested areas within the zones.

b. Information on zone areas and operating in this area can be obtained from:
   Project Officer, Melaleuca Area, Tasmania Parks & Wildlife Service
   Ph: 03 6233 6033

21. FN 8 - PORT CAMPBELL NATIONAL PARK - Fly Neighbourly Advice

21.1 Port Campbell National Park is administered by Parks Victoria, in accordance with the National Parks Act 1975. The park contains sensitive environmental areas of high conservation significance. The park extends coastal from Point Ronald, near Princetown, to Boat Bay (Bay of Island Coastal Park) west of Peterborough.



21.2 Pilots undertaking sight seeing flights should obtain details of the areas to be avoided and the preferred scenic routes in the Port Campbell National Park from the Ranger in Charge. In addition, pilots are requested to comply with the following requirements, weather and other factors permitting:

a. Operate off-shore as much as possible.
b. Avoid overflying any buildings or visitor facilities.
c. Do not circle coastal features (such as 12 Apostles etc).
d. All ACFT track off-shore:
   West bound 1,000FT
   East bound 1,500FT.
e. For operations other than described above, contact;
   Ranger in Charge,
   Port Campbell National Park, Parks Victoria,
   26 Morris Street, Port Campbell, VIC, 3269
   Phone 03 5598 6382 or Fax 03 5598 6420.

21.3 When operating in the vicinity of Peterborough or Port Campbell National Park, pilots should use CTAF 127.1 to make positional broadcasts.

21.4 Frequent helicopter sight seeing flights are conducted from two helipads in this area.

22. FN 9 - NITMILUK (KATHERINE GORGE) NATIONAL PARK - Fly Neighbourly Advice

22.1 This is an understanding between the locally based scenic flight operators and the Nitmiluk National Park to operate in the area in an agreed responsible manner. Other pilots undertaking sightseeing flights should obtain information on FNA areas, tracking details, operating altitudes, and specific areas to be avoided from:

22.2 The Manager
Nitmiluk National Park
PO Box 344
Katherine NT 0851
Phone: 08 8972 1886
Fax: 08 8971 0702

22.3 Except when operating a pre-arranged scenic route at Katherine Gorge, pilots are requested not to fly below a MNM ALT of 2,000FT AMSL within the lateral limits above the Park:

LATERAL LIMITS: 140109S 1322145E - 142114S 1322205E
then along the clockwise arc of a circle radius 10.00NM centre
143116S 1322240E (YPTN/AD) - 142506S 1323049E - 141317S 1324729E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E (YPTN/AD) - 140109S 1322145E

VERTICAL LIMITS: SFC - 2500

HOURS OF ACTIVITY: HJ, including Katherine Gorge are to use CTAF 126.7MHz.

22.4 **Katherine Gorge - Lateral Limits**

1419.7S 13224.0E, 1417.0S 13224.0E, 1413.4S 13237.0E,1419.3S 13236.0E, 1421.8S 13227.3E, 1419.7S 13224.0E

23. FN 10 - NITMILUK (EDITH RIVER FALLS) NATIONAL PARK - Fly Neighbourly Advice

23.1 This is an understanding between the locally based scenic flight operators and the Nitmiluk National Park to operate in the area in an agreed responsible manner. Other pilots undertaking sightseeing flights should obtain information on FNA areas, tracking details, operating altitudes, and specific areas to be avoided from:

23.2 The Manager
Nitmiluk National Park
PO Box 344
Katherine NT 0851
Phone: 08 8972 1886
Fax: 08 8971 0702

23.3 Except when operating a pre-arranged scenic route at Edith Falls, pilots are requested not to fly below a MNM ALT of 2,000FT AMSL within the lateral limits above the Park:

When Tindal CTR is:

Inactive, pilots are to monitor/use CTAF 119.7 and 122.6 for operations in the zone.

Active, all operations on approach CTR on 120.95 unless otherwise directed by Tindal MIL CTR. Pilots are to monitor/use CTAF 119.7 as required.

23.4 **Edith River Falls - Lateral Limits**

A circle of 2NM RAD centred on 1410.7S 13211.2E

24. FN 11 - KALBARRI NATIONAL PARK - Fly Neighbourly Advice

24.1 The Kalbarri National Park (the Park) is administered by the Western Australian Department of Conservation and Land Management, in accordance with the Conservation and Land Management Act 1984. The Park contains sensitive environmental areas. Pilots undertaking sightseeing or scenic flights should obtain details of scenic routes over the Park from the Senior Ranger.

24.2 The Senior Ranger may be contacted by Phone on 08 9937 1140, or by Fax on 08 9937 1437 or in writing to:
Senior Ranger,
Kalbarri National Park,
PO Box 37,
KALBARRI WA 6536

24.3 Except when operating scenic flights, pilots are requested to maintain a minimum altitude of 2,000FT AGL (being defined as the highest point of terrain, and any object on it, within a radius of 600M of a point vertically below the aircraft) unless operation at this altitude would jeopardise the safe conduct of the flight.

25. FN 12 - PHILLIP ISLAND NATURE PARKS - Fly Neighbourly Advice

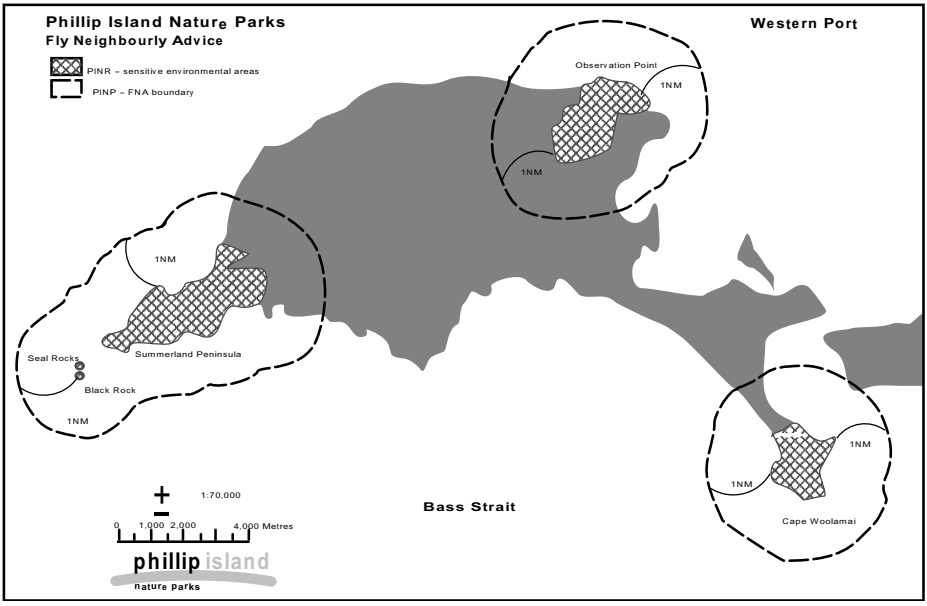
25.1 Phillip Island Nature Parks are administered by Phillip Island Nature Park Committee of Management in accordance with the Crown Land (Reserves) Act 1978. The park contains sensitive environmental areas including sensitive seabird and shorebird breeding, feeding and roosting sites of national and international importance.

25.2 Pilots are requested to not fly below 1,500FT within one (1) NM of these sensitive sites.

25.3 Flight over these sensitive sites should be avoided where possible and aircraft should be operated to minimise noise and visual impact from the ground.

25.4 Pilots undertaking sightseeing flights should obtain details of such sites and preferred routes, and associated altitudes, from the Phillip Island Nature Park, at the following address:
Phillip Island Nature Park,
PO Box 97,
Cowes VIC 3922.
Phone 03 5951 2800.

25.5 Pilots of aircraft, helicopters and airborne craft may not land or operated within the Park without permit from the Committee of Management at the above address.

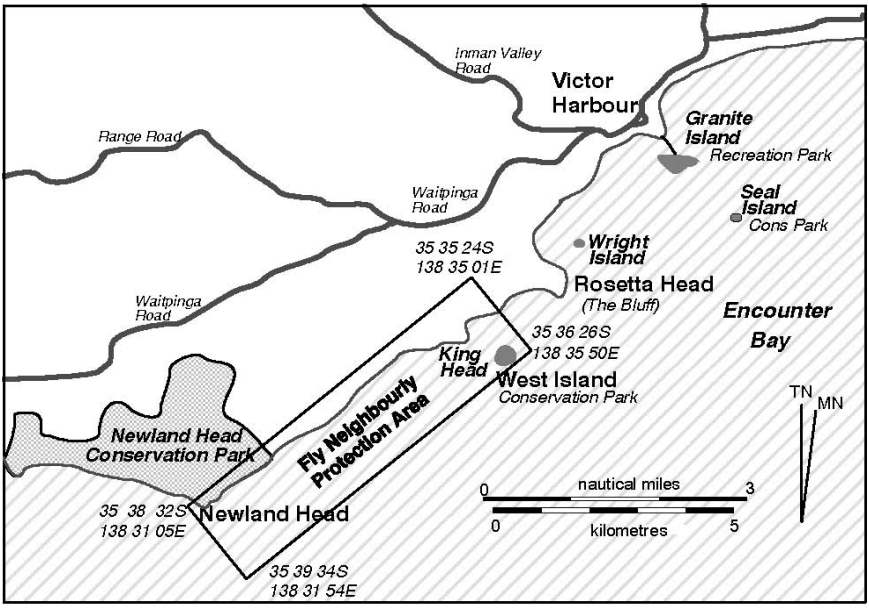


26. FN 13 - WAITPINGA CLIFFS, SOUTH AUSTRALIA

APPLICABLE 1ST JUNE - 31ST DECEMBER ANNUALLY

26.1 A Fly Neighbourly protection area has been established around the Waitpinga Cliffs on Fleurieu Peninsula in South Australia to provide some protection to the vulnerable/ threatened White Bellied Sea Eagle during its breeding season between 1 June and 31 December.

26.2 The Fly Neighbourly protection area extends from 353832S 1383105E to 353524S 1383501E to 353626S 1383550E to 353934S 1383154E. The length of the Fly Neighbourly Protection Area is approximately 4 nautical miles.



26.3 Pilots are requested to maintain a minimum altitude of 2,000FT AGL unless operation at this altitude would jeopardise the safe conduct of the flight. Pilots are also requested to keep constant RPM and pitch when flying in the vicinity of the Waitpinga Cliffs.

26.4 For further details contact District Ranger, Fleurieu
Department for Environment and Water
Phone 08 7133 7300
Email: dew.amlroffice@sa.gov.au

27. FN 14 - CARNARVON NATIONAL PARK, QUEENSLAND

27.1 Carnarvon National Park is administered by the Department of Environment and Resource Management, Queensland Parks and Wildlife Service in accordance with the Nature Conservation Act, 1992.

27.2 Schedule 7 of the Nature Conservation (Protected Areas Management) Regulation, 2017, states the legislated minimum flying height over this protected area.

27.3 The minimum flying height over Carnarvon National Park is 1,500FT.

27.4 Exceptions can be made for emergencies, for approved filming and for management purposes.

27.5 For further information contact the Ranger in Charge by phone (07) 4984 4505, Fax (07) 4984 4519 or in writing to:
Ranger in Charge
Department of Environment and Resource Management
Queensland Parks and Wildlife Service
Carnarvon NP, Gorge section
via ROLLESTON, QLD. 4702.

28. FN 15 - CURRAWINYA NATIONAL PARK, QUEENSLAND

28.1 Currawinya National Park is administered by the Department of Environment and Resource Management, Queensland Parks and Wildlife Service in accordance with the Nature Conservation Act, 1992.

28.2 Schedule 7 of the Nature Conservation (Protected Areas Management) Regulation, 2017, states the legislated minimum flying height over this protected area.

28.3 The minimum flying height over Currawinya National Park is 1,500FT.

28.4 Exceptions can be made for emergencies, for approved filming and for management purposes. For further information contact the Senior Ranger by phone (07) 4654 1255, Fax (07) 4654 1418 or in writing to:
The Senior Ranger
Department of Environment and Resource Management
Queensland Parks and Wildlife Service
PO Box 149,
CHARLEVILLE. QLD. 4470.

29. FN 16 - HINCHINBROOK ISLAND NATIONAL PARK, QUEENSLAND

29.1 Hinchinbrook Island National Park is administered by the Department of Environment and Resource Management, Queensland Parks and Wildlife Service in accordance with the Nature Conservation Act, 1992.

29.2 Schedule 7 of the Nature Conservation (Protected Areas Management) Regulation, 2017, states the legislated minimum flying height over this protected area.

29.3 The minimum flying height over Hinchinbrook Island National Park is 1,500FT.

29.4 Exceptions can be made for emergencies, for approved filming and for management purposes.

29.5 For further information contact the Senior Ranger by phone (07) 4066 8779, Fax (07) 4066 2041 or in writing to:
Senior Ranger
Department of Environment and Resource Management
Queensland Parks and Wildlife Service
PO Box 74
CARDWELL. QLD. 4849.

30. FN 17 - CAPRICORNIA CAYS NATIONAL PARK AND CAPRICORNIA CAYS NATIONAL PARK (SCIENTIFIC), QUEENSLAND

30.1 Capricornia Cays National Park and Capricornia Cays National Park (Scientific) are administered by the Department of Environment and Resource Management, Queensland Parks and Wildlife Service in accordance with the Nature Conservation Act 1992.

30.2 Schedule 7 of the Nature Conservation (Protected Areas Management) Regulation, 2017, states the legislated minimum flying height over this protected area.

30.3 The minimum flying height over Capricornia Cays National Park and Capricornia Cays National Park (Scientific) is 1,500FT.

30.4 Exceptions can be made for emergencies, for approved filming and for management purposes.

30.5 For further information contact the Operations Manager by phone (07) 4971 6500, Fax (07) 4972 1993 or in writing to:
Operations Manager
Department of Environment and Resource Management
Queensland Parks and Wildlife Service
PO Box 5065
GLADSTONE. QLD. 4860.

31. FN 18 - FREYCINET PENINSULA, TASMANIA - Fly Neighbourly Advice

Areas Affected by the Fly Neighbourly Advice (FNA)

31.1 **The Reserves**

Administered by the Tasmanian Government's Parks and Wildlife Service (PWS), the area includes Freycinet National Park, Coles Bay Conservation Area and Moulting Lagoon Game Reserve. Apsley Marshes which adjoins the Moulting Lagoon Game Reserve is private property.

31.2 **Ramsar Sites**

Moulting Lagoon Game Reserve and Apsley Marshes are both designated Ramsar sites.

31.3 **Sensitive Environmental Areas (SEA) associated with The Reserves and Ramsar Sites.**

There are many SEA due to the presence of wedge-tailed eagle and white-bellied sea-eagle nest sites, seabird, shorebird and water fowl breeding, feeding and roosting sites as well as seal haul-out areas.

31.4 **Preferred Altitudes and Operation**

The preferred minimum over-flight altitude for the Reserves and the Ramsar sites is 1,500FT above the ground or water. The recommended over-flight altitude of the SEA (at the centre of the SEA) is 3,000FT above ground or water. See the PWS website for details. It is preferred that aircraft operate off-shore as much as possible, at the highest possible altitude and greatest lateral distance from features of scenic interest.

31.5 **Landing**

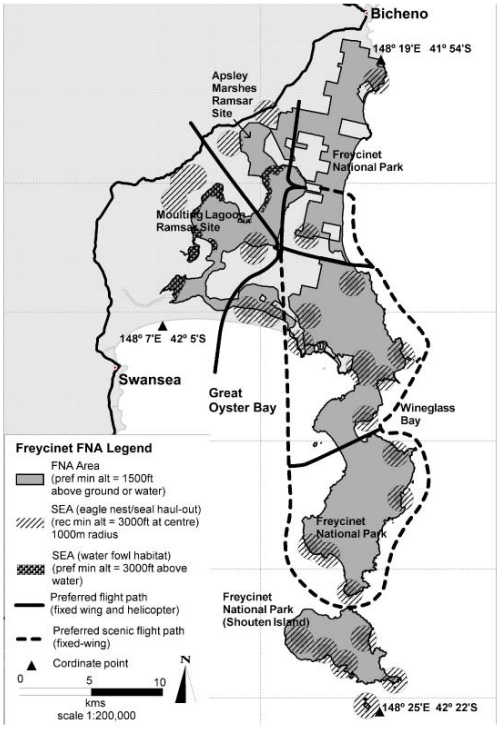
Except in an emergency, no flight is permitted to land at any location within:

a. the Reserves without approval from the PWS; or

b. the Apsley Marshes Ramsar site without approval of the land owner.

Further information is available in the full version of the FNA on the PWS website. All pilots operating in the affected areas are requested to adhere with the FNA.

Freycinet National Park
Parks and Reserves Manager (North-east Coast)
Private Bag 5
Bicheno, Tasmania 7215
Phone: 03 6256 7000
Fax: 03 6256 7090
Email: freycinet@parks.tas.gov.au
Web: www.parks.tas.gov.au



32. FN 19 - DHILBA GUURANDA-INNES NATIONAL PARK

Areas Affected by the Fly Neighbourly Advice (FNA)

32.1 **Dhilba Guuranda-Innes National Park**

Administered by the Department for Environment and Water (DEW), the FNA includes three areas for the protection of endangered White-bellied Sea Eagle and Eastern Osprey.

a. Pondalowie Bay: Royston Head to West Cape.
b. The Gap: Ethel Beach, along the coast and extending to Haystack and Seal Islands.
c. Althorpe Island: Althorpe Island and surrounding islands.

32.2 **Preferred Altitudes and Operation, from 1 June to 31 December**

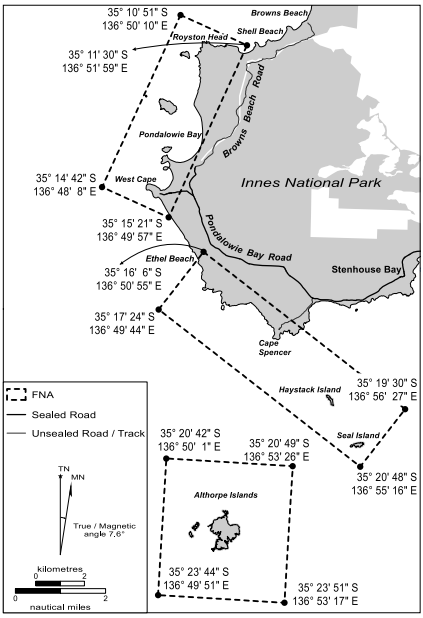
a. The preferred minimum over-flight altitude is 2,000FT above ground level. However, altitudes less than 5,000FT may have a detrimental effect on endangered seabirds.
b. Maintain constant RPM/pitch (avoiding sudden changes in engine management).
c. Aerial operations should be kept to a minimum and be operated at an altitude and configuration that will minimise noise and visual impact for ground observers.
d. Avoid hovering and repeat passes or circuits.

32.3 **Landing**

Landing is restricted on DEW land within the Yorke District under the *National Parks and Wildlife Act 1972* and *National Parks and Wildlife (National Parks) Regulations 2016.*

32.4 All pilots operating in the affected areas are requested to adhere with the FNA.

For further details contact District Ranger, Yorke
Department for Environment and Water (DEW)
Ph: (08) 8841 3400
Email: yorkeandmidnorth.npw@sa.gov.au



33. FN 20 - KANGAROO ISLAND

Areas Affected by the Fly Neighbourly Advice (FNA)

33.1 **Kangaroo Island**

Lands administered by the Department for Environment and Water (DEW) include:

a. Wilderness Protection Areas (not forming part of this FNA except where overlain by a Sensitive Avoidance Area);

b. National and Conservation Parks;

c. Crown Lands (includes most of the coastal strip of Kangaroo Island) where not vested in the control of others.

Extending over some lands managed by DEW (and “connecting” areas of freehold) and the adjoining areas of sea, are six Sensitive Avoidance Areas (SAAs) (refer to the map).

SAAs are principally for the protection of the birds (e.g. nesting areas for cliff dwelling raptors especially the endangered White-bellied Sea Eagle and Eastern Osprey); shorebirds (e.g. Fairy Terns); waterbirds and seals (especially haul out and breeding areas for the endangered Australia Sea-lion). They are labelled on the map (where geographical coordinates are also provided) as:

A. Cape Gantheaume coast from Point Tinline southwest to Cape Gantheaume.

B. Seal Bay coast from Bales Bay to the park boundary west of Nobby Island.

C. Vivonne Bay Conservation Park coast.

D. Coast from South West River at Hanson Bay then westerly through Cape Younghusband, Remarkable Rocks, Cape du Couedic, then southwest to Casuarina Islets (The Brothers).

E. Paisley Islet near West Bay.

F. Coast from Cape Borda east to the eastern boundary of the Western River Wilderness Protection Area.

33.2 **Preferred Altitudes (all year round)**

National and Conservation Parks:

The preferred minimum altitude is 1,500FT AGL.

Sensitive Avoidance Areas:

The preferred minimum altitude is 2,000FT AGL.

The preferred minimum lateral distance at the SAAs is 600M from the coastline (both inland and seaward).

33.3 **Landing**

Landing is restricted on DEW land within the Kangaroo Island Region pursuant to the *National Parks and Wildlife Act 1972* and *National Parks and Wildlife (National Parks) Regulations 2016*. This does not apply to emergency situations.

33.4 All pilots operating in the affected areas are requested to adhere with the FNA.

For further information contact:

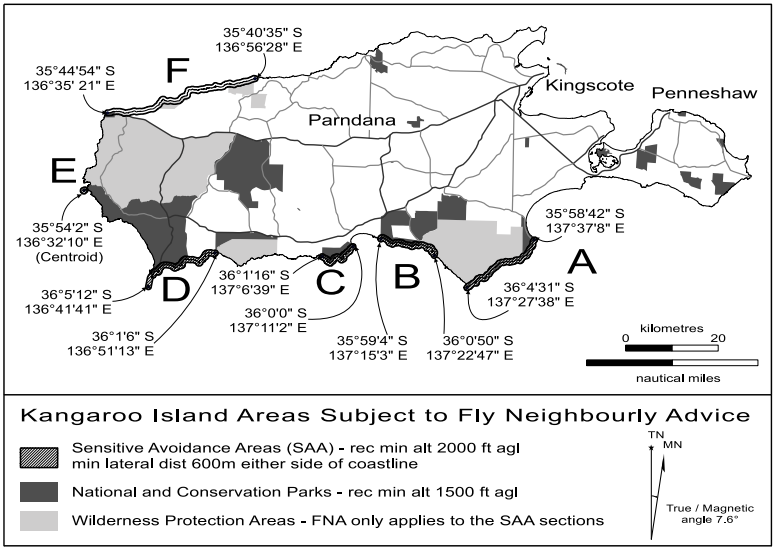
District Ranger, Kangaroo Island

Department for Environment and Water

Ph: (08) 8553 4444

Email: dew.npwsreferralskangarooisland@sa.gov.au

Web: www.environment.sa.gov.au



34. FN 21 - SYMBIO WILDLIFE PARK, HELENSBURGH, SYDNEY, NSW

Areas Affected by the Fly Neighbourly Advice (FNA)

34.1 **Symbio Wildlife Park**

The SWP contains a wide range of native and exotic animal species including Tasmanian Devils, Cassowarys, Dingos, Sumatran Tigers, Red Pandas and Pygmy Marmosets, and there is a need to minimise stress induced by aircraft noise.

34.2 **FNA Location**

The FNA is a 0.5NM radius circle centred on 3412.5S 15058.0E.

34.3 **Preferred Altitudes and Operations**

a. Avoid hovering and repeat passes or orbits.
b. The preferred over-flight altitude is 2,500FT AMSL.
c. Maintain constant RPM/pitch (avoiding sudden changes in engine management).

34.4 All pilots operating in the affected areas are requested to adhere with the FNA.

Further information is available from:
Symbio Wildlife Park
7-11 Lawrence Hargrave Drive

HELENSBURGH, NSW 2508

Ph (02) 4294 1244

Email: info@symbiozoo.com.au
Web: http://symbiozoo.com.au

35. FN 22 - TASMAN NATIONAL PARK, TASMANIA

Area affected by the Fly Neighbourly Advice (FNA)

35.1 Tasman National Park

A Fly Neighbourly protection area has been established in the southern section of the Tasman National Park to provide some protection to vulnerable natural values (e.g. eagles and seals), experiences of visitors and nearby residents. The Tasmania Parks and Wildlife Service (PWS) manages the Tasman National Park.

35.2 The FN applies to:

a. the southern sections of the Tasman National Park south of a line that extends west from the Hippolyte Rocks to Bivouac Bay, and to the northern end of White Beach and Wedge Island; and

b. includes the Three Capes Track.

35.3 Preferred Operations

All pilots operating in the area are requested to adhere to the FN.

a. Sensitive Environmental Areas (SEA):
   (i) avoid eagle nests by a 3,000FT (1,000M) buffer during eagle breeding season, and do not hover over eagle nests at any time of the year;
   (ii) avoid important seal habitat by a 1,650FT (500M) buffer; and
   (iii) only fly in the vicinity of important burrowing seabird habitat during daylight hours, and avoid the Hippolyte Rock area at all times of the day and night.

b. The preferred minimum overflight altitude for the Tasman National Park is 1,650FT (500M) above ground or water.

c. It is preferred that aircraft operate offshore as much as possible, at the highest possible altitude and greatest lateral distance, from features of scenic interest.

d. Avoid hovering and repeat passes or orbits, especially near the Three Capes Track and offshore islands.

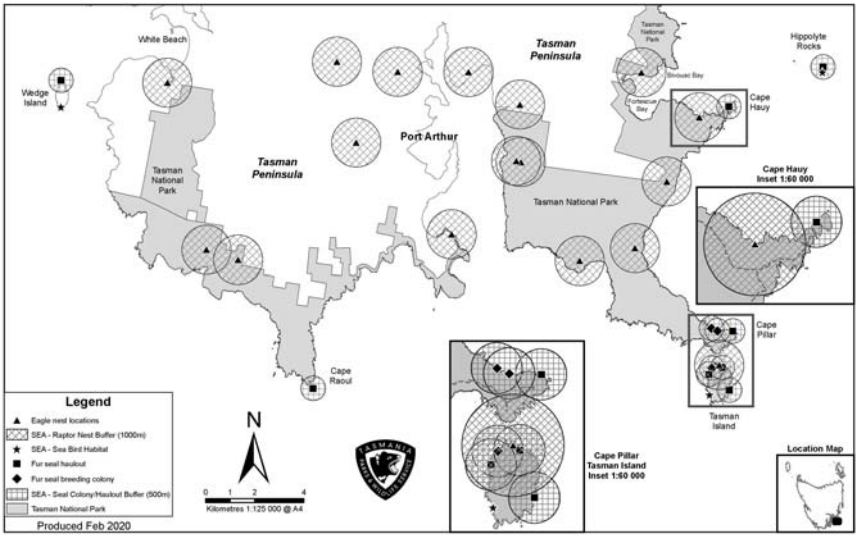
e. Maintain constant RPM/pitch (avoid sudden changes in engine management, which can startle or disturb wildlife).

35.4 Landings

Except in an emergency, aircraft are not permitted to land at any location within the Tasman National Park without written approval from the PWS.

35.5 Additional Information

The full version of this FN is available for download from the PWS website.
Tasmania Parks and Wildlife Service
Tasman National Park
PH: 03 6250 3980
Email: tasmannp@parks.tas.gov.au
Website: https://parks.tas.gov.au/Documents/Fly_Neighbourly_Tasman_National_Park.pdf



FIS: IN FLIGHT INFORMATION SERVICES

1. AUTOMATIC BROADCAST SERVICES

1.1 AWIS locations not listed in ERSA-FAC

Location	State	Frequency	Phone
Batchelor	NT		08 7922 2501
Kilmore Gap	VIC	128.6 (Requires one pulse to activate)	03 8470 3210
Moss Vale	NSW		02 9353 6437
Mount Boyce	NSW		02 9353 6438
Murrurundi Gap	NSW		02 9353 6440
Samuel Hill	QLD		07 3564 3736
Tarcoola	SA		08 8150 3818

2. ON-REQUEST IN-FLIGHT INFORMATION SERVICE

2.1 Pilots should ensure they pre-fix any request for FIS on VHF with the callsign "FLIGHTWATCH". When operating on HF also include the frequency, for example: "FLIGHTWATCH, ROMEO JULIET DELTA, SIX FIVE SIX FIVE, REQUEST ACTUAL WEATHER Halls Creek"

Note: This helps to identify the service required and your location.

2.2 Requests will be dealt with on a "first come-first served" basis.

2.3 Pilots should be mindful that flight information services provided on HF by the FIS may be delayed while communications for traffic information services are being relayed between air traffic control and pilots of IFR flights.

3. HAZARD ALERTS

3.1 Hazard Alerts contain information, assessed by ATS to have an immediate and detrimental effect on the safety of an aircraft, that could assist pilots to avoid hazardous situations. Hazard Alerts will be:

a. broadcast on the appropriate ATS FREQ as necessary. Broadcasts will normally be made on receipt, H + 15 and H + 45 or until the availability of an updated FIS product (MET or NOTAM) has been broadcast; and

b. directed to those aircraft maintaining continuous communications with ATS at the time the hazard is assessed that are within one hour flight time of the hazardous conditions.

4. CANCELLATION OF SARWATCH (FULL REPORTING)

4.1 The preferred method for pilots using full reporting procedures to cancel SARWATCH is via radio. When two way radio communications are not available, pilots wishing to cancel SARWATCH may do so by telephoning the appropriate ATC Centre:
Brisbane ATC Centre 07 3866 3868^
Melbourne ATC Centre 03 9235 2039^.

5. CANCELLATION OF SARTIME

5.1 Except when a SARTIME for Departure has been nominated to ATC for an intermediate arrival and departure, all SARTIMEs nominated to Airservices will be held by CENSAR. For those SARTIMEs that will be held by CENSAR, pilots must show CENSAR as the unit responsible for a location when submitting flight notifications.

5.2 The preferred method to cancel a SARTIME is via telephone to CENSAR on 1800 814 931^. When telephone facilities are not available you may use ATS frequencies.

5.3 Pilots are encouraged to nominate a suitable time period for a SARTIME that will provide sufficient time for the flight to take place and to reach suitable facilities for cancellation in the event that radio contact is not available.

5.4 Whenever possible a single SARTIME should be nominated to encompass a number of flights that have short time intervals, rather than nominating a SARTIME for each flight stage. Nomination should be by flight notification direct to the FIS and CENSAR.

6. SAFETY RELATED MATTERS

6.1 Telephone services may be used to contact Australian ATS units or the Joint Rescue Coordination Centre (JRCC) Australia, as appropriate, for urgent, non-routine and safety-related matters. Telephone numbers are listed below:

Airservices Australia	
Brisbane ATC Centre	07 3866 3868^
Melbourne ATC Centre	03 9338 4032^
Perth ATC Centre	08 9476 8545^
Sydney ATC Centre	02 9556 6875^
Joint Rescue Coordination Centre (JRCC) Australia	
SAR Hotline (within Australia)	1800 815 257
SAR Hotline (outside Australia)	+61 2 6230 6899

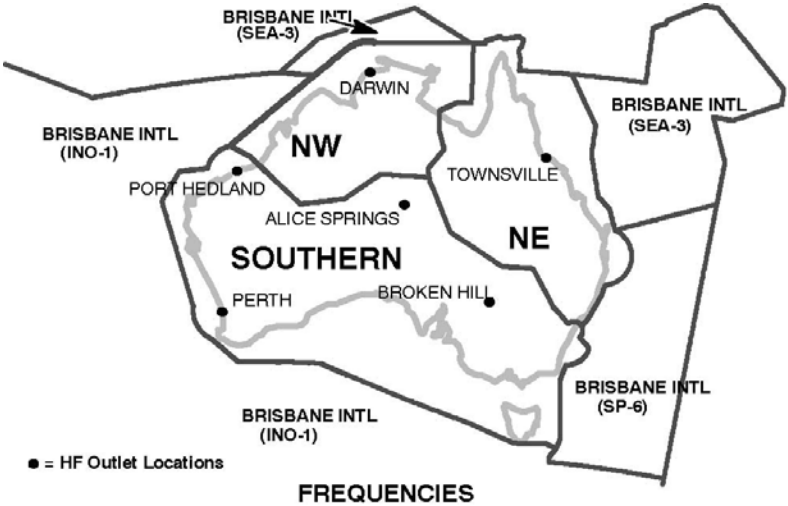
7. UPDATE OF SPFIB/AVFAX PRODUCTS

7.1 Pilots in receipt of NAIPS SPFIB or AVFAX briefings may quote the briefing identification number from the top of the first page of the briefing to obtain an update to the NOTAM and the latest MET INFO when airborne, through FLIGHTWATCH. The number is available from the first page of the briefing text. This will ensure that only the route, area and location NOTAM held are updated and will avoid repetition. For example - “FLIGHTWATCH, ALPHA BRAVO CHARLIE, REQUEST UPDATE ON SPFIB (OR AVFAX) BRIEFING NUMBER NINER ZERO ZERO ZERO ONE (90001).”

8. FAILURE OF GROUND STATION EQUIPMENT

8.1 In the unlikely event of failure of groundstation SSB equipment an alternative SSB FREQ should normally be available to ensure that ACFT are provided with HF communications.

9. FLIGHTWATCH HF ORGANISATION



FREQUENCIES

NORTH WESTERN	3452	6541	8843	SP-6	BRISBANE INTL	3467	5643	8867	13261	17904 (KHZ)
NORTH EASTERN	3452	6610	8831	SEA-3	BRISBANE INTL	3470	6556	11396	13318	17907 (KHZ)
SOUTHERN	3461	6565	8822	INO-1	BRISBANE INTL	3476	5634	8879	13306	17961 (KHZ)

9.1 Australia is divided into six HF Network Areas known as Regional Domestic Air Route Areas (RDARA). Details of the HF FREQ organisation is shown on PCA. All FREQ quoted are suppressed carrier FREQ, and the upper sideband mode is used. These HF FREQ are operated from Brisbane.

9.2 Depending on HF propagation conditions, the best useable RDARA/MWARA frequencies for reception will vary. Pilots can access up to date primary and secondary frequencies for all Domestic and International HF through the Airservices website. Access is made through Pilot Briefing Services, Location Briefing. Each HF area has been allocated a unique code and once entered into Location Briefing will provide an up to date primary and secondary HF frequency for that selected area. Enter the code that represents the area required in the following table.

RDARA	**LOCATION CODE**
Southern	165
North Western	170
North Eastern	175
MWARA	
SP-6 Brisbane INTL	150
INO-1 Brisbane INTL	155
SEA-3 Brisbane INTL	160

10. ATS AREA FREQUENCIES AT UNCONTROLLED AERODROMES

10.1 These are shown on en route and terminal charts.

10.2 HF facilities are remotely operated; proximity to these may affect frequency selection. The location of HF outlets and the frequencies operated from each outlets are shown above.

11. LOW JET ROUTES

11.1 Routes at or below 5,000FT AGL used by military aircraft for low level, high speed operations are designated as Low Jet Routes (LJR). Routes are planned to avoid:

a. controlled airspace administered by Airservices Australia;
b. restricted and danger areas not administered by the ADF;
c. civil aerodromes listed in ERSA by at least 5NM laterally or 4,000FT vertically;
d. aerodromes where carriage and use of radio is required unless equipped with the appropriate radio frequency; and
e. sensitive areas and oil/gas platforms as detailed in ERSA.

11.2 Notification of routes and duration of LJR operations will be by NOTAM. Information on LJR activity in your area is available from the pre-flight briefing service and FLIGHTWATCH.

11.3 Aircraft using LJR may be camouflaged and emit little or no smoke trail, although they will normally show anti-collision beacons. They may operate singly or in close or loose formation. Significant wake turbulence and a large turn radius may be expected.

11.4 All LJR aircraft are equipped with UHF and some also have VHF and HF. However, they may often be out of communications (NOCOM) for part of their flight. Although most LJR aircraft are radar equipped, these radars do not enable avoidance of conflicting aircraft.

11.5 WHERE POSSIBLE, PILOTS SHOULD PLAN THEIR FLIGHTS TO AVOID ACTIVE LJR.

11.6 The following LJR are activated HJ and are flown by F18 aircraft operating at or BLW 5,000FT AGL:

a. M641/R638 - 10NM SSW Baryulgil below 3,000FT AGL - Gatton (Climb Point) - Amberley.
b. M641/R638 - Coastal below 3,000FT AGL - Gold Coast - Point Lookout (Stradbroke Island) - Brisbane.
c. Point Lookout - Gold Coast- Coastal below 5,000FT AGL - M641/R638.
d. M641/R638 - Casino 231025 - Amberley 191043 - Amberley.
e. Sandy Cape - Coastal below 3,000FT AGL - Double Island Point - Bribie Island - Cape Moreton - Point Lookout.
f. Point Lookout - Cape Moreton - Bribie Island - Coastal below 3,000FT AGL - Double Island Point - Sandy Cape.

Note: A number of other LJR and Defence activities are in operation at various times in addition to those shown above and will be advised by NOTAM when necessary.

12. NIGHT VISION DEVICES AND EQUIPMENT

12.1 Night vision devices and equipment are used in defence, security and law enforcement operations. Current equipment is:

a. Night Vision Goggles (NVG) - helmet mounted light amplifying binoculars which sense minute amounts of visible and near infra red light under conditions of near darkness and enhance them through an image intensifier tube assembly.
b. Low Light Television (LLTV) - aircraft equipment which uses TV cameras with powerful zoom lenses, with or without image intensifiers for low light conditions.
c. Forward Looking Infra Red (FLIR) - aircraft mounted sensor which detects temperature differences and displays on a screen, thermal images. May also be capable of looking along other axes. Used in SAR, law enforcement and defence applications.

12.2 Various limitations are placed on the aircraft and crews using these devices. In particular, NVG require modifications to aircraft lighting. Masking or extinguishing external lights may create difficulties for other traffic and ATC in providing visual separation, particularly since most of the defence aircraft involved are camouflaged. Much of this activity is carried out at low level and may involve abrupt manoeuvring.

13. LOW LEVEL FLIGHTS - NOTIFICATION

13.1 Flights at very low level will advise their operating band of levels in the flight notification. Aircraft unlit, or with masked external lights will advise their operating area. In controlled airspace, other traffic will be advised of the activity and separation will be achieved using local procedures agreed between ATS and the night vision device user. In Class G airspace, notification of low level flights will be provided by NOTAM.

14. PRECAUTIONS

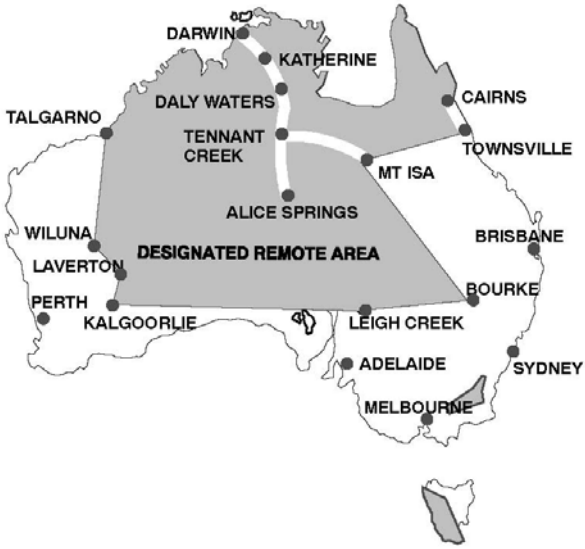
14.1 Because of the likely activities of these device users, e.g. surveillance, law enforcement, SAR and military operations, significant variations to normal aircraft operating procedures may be encountered. Pilots should acquaint themselves of the activity by making use of pre-flight briefing facilities and when in flight take account of possible non-standard procedures.

14.2 Aircraft operating in close proximity to such traffic may request that external lighting be displayed. Night agricultural operators in areas known to be used for night vision device training (e.g. Oakey and Townsville) should advise defence authorities of their intentions.

15. HIGH ALTITUDE BALLOON FLIGHTS

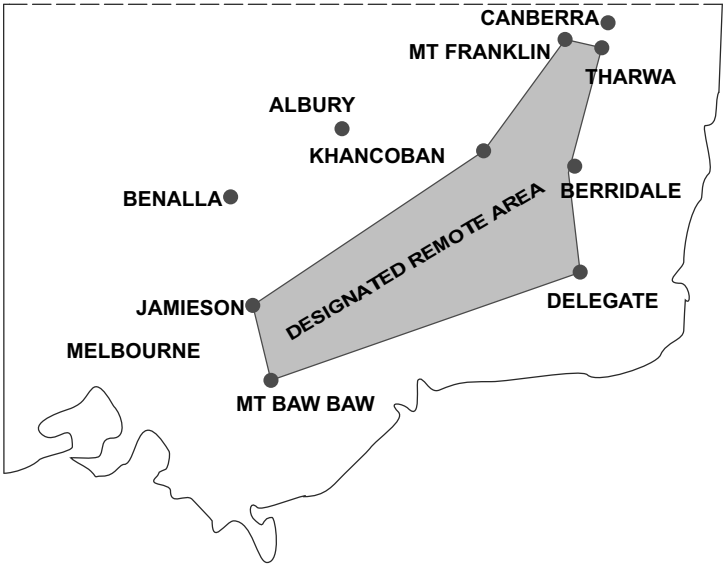
15.1 Large helium-filled plastic balloons are launched periodically from various locations. They carry scientific equipment to record data from the upper atmosphere and normally ascend to altitudes in excess of 70,000 FT with flight duration of 80 hours or more. The main balloon launching station is at Alice Springs but other launching sites, e.g. Charleville, may also be used. Where possible, flight paths will be selected so that the recovery area is outside the more densely populated Eastern/South Eastern/South Western areas. Notification will be by NOTAM.

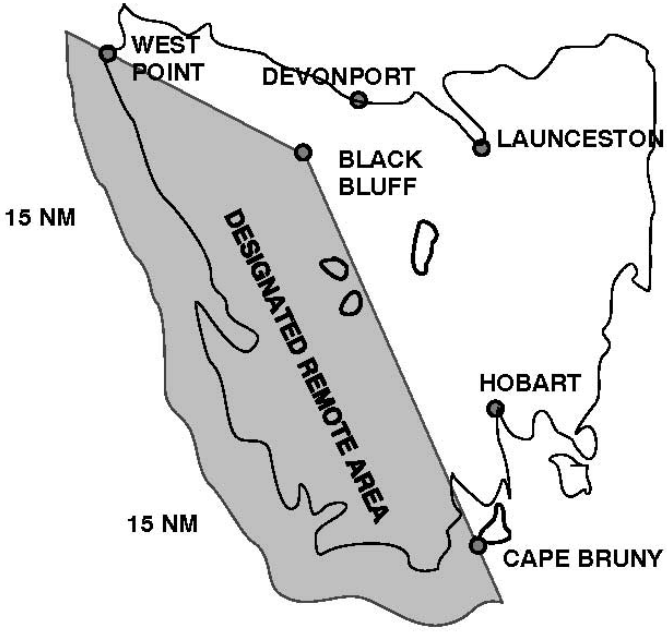
16. DESIGNATED REMOTE AREAS



Notes:

1. *ACFT planned to operate within or through the designated remote area shown in this section are required to carry survival equipment suitable for sustaining life in the area over which the flight is planned as per the civil aviation legislation relevant to their operation.*
2. *Flight through corridors must be made within sight of and not more than five miles from the highway concerned.*
3. *Australian administered islands adjacent to the Remote Area between Anna Plains and Cairns are part of the Designated Remote Area.*
4. *Mainland within 50NM of Darwin excluded from Designated Remote Area.*


CANBERRA
MT FRANKLIN
THARWA
ALBURY
KHANCOBAN
BENALLA
BERRIDALE
DESIGNATED REMOTE AREA
JAMIESON
DELEGATE
MELBOURNE
MT BAW BAW


WEST POINT
DEVONPORT
LAUNCESTON
BLACK BLUFF
15 NM
DESIGNATED REMOTE AREA
HOBART
15 NM
CAPE BRUNY

17. UNMANNED AERIAL VEHICLE (UAV) TESTING

17.1 Introduction

17.1.1 Unmanned Aerial Vehicle operations including testing and development take place in various Danger Areas and military Restricted Areas.

17.1.2 Temporary Danger Areas may be promulgated for other UAV operations if CASA considers there is a risk to other flights such that pilots need to be warned of the danger in order to take appropriate precautions.

17.2 UAV Operations

17.2.1 UAVs may be flown autonomously within the designated areas, but are subject to operator input. The operator will maintain continuous two way communications on the appropriate aeronautical frequencies, make regular broadcasts advising location, altitude and intention of the UAV and will respond to calls.

17.2.2 Pilots wishing to operate within a Danger Area designated for UAV activity are advised to contact the UAV ground station on the appropriate FIA/CTAF e.g. “UAV TRAFFIC - [location] AREA THIS IS....”. While no response from the ground station would normally mean that no UAV is airborne, pilots are encouraged to maintain an enhanced lookout.

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NAVIGATION AND COMMUNICATION

1. ADF MODERNISED HIGH FREQUENCY COMMUNICATIONS SYSTEM (MHFCS)

1.1 The ADF MHFCS is a high frequency (3-30MHz) radio network providing communication services for the operational control and support of ADF and allied aircraft, marine craft and land units. Visiting military aircraft may use either the ADF or RNZAF system when contact with Australian/New Zealand based military authorities is required. Neither system provides a civil or military Air Traffic Control Service.

1.2 The ADF MHFCS is centrally controlled by the Defence Communications Station Canberra (DCSC) at the Network Management Facility (NMF) located in Canberra, ACT, Australia.

1.3 The MHFCS system consists of four Transmit and Receive Nodes located at:

EXMOUTH, Western Australia	TOWNSVILLE, Queensland
DARWIN, Northern Territory	RIVERINA, New South Wales

These nodes are remotely controlled from the NMF.

1.4 DCSC provides 5 continuously monitored Voice Contact Net (VCN) frequencies from each of the four nodes as follows:

VCN	Assigned	Dial/Suppressed carrier	Hours of Operation
VCN 1	22869.5kHz	22868kHz	Continuous
VCN 2	5879.5kHz	5878kHz	Continuous
VCN 3	9048.5kHz	9047.0Hz	Continuous
VCN 4	15963.5kHz	15962kHz	Continuous
VCN 5	12173.5kHz	12172kHz	Continuous

1.4.1 Emission: 3K00J3E (Offset - subtract 1.5kHz from assigned)

1.4.2 Discrete frequencies are available as required and allocated after initial contact on the VCN.

1.4.3 Telephone patch facilities between aircraft and ground appointments are available as required, after initial contact on VCN.

1.4.4 Continuous monitoring of military distress frequency 5696kHz.

1.4.5 SELCAL. Available to suitably equipped aircraft/vessels.

1.5 **Hours of Operation**

DCSC - H24.

1.6 **Mode Of Operation**

DCSC is capable of operating independent side band (ISB) or AM modes however, the normal mode of operation is Upper Side Band (USB) or suppressed carrier.

1.7 **Callsign**

DCSC uses the following self evident callsign: “Canberra Control”.

1.8 Telephone/fax contact numbers:

Location	Telephone	Fax
DCSC	+61 2 6263 8126	+61 2 6263 8143

2. RNZAF AIR OPERATIONS COMMUNICATIONS CENTRE AUCKLAND (AOCCAK)

2.1 AOCCAK is a high frequency (3-30MHz) station providing HF communications services to RNZAF, RAAF and other allied aircraft. Visiting military aircraft may use either the ADF or RNZAF system when contact with Australian/New Zealand based military authorities is required. Neither system provides a civil or military Air Traffic Control Service.

2.2 AOCC Auckland is located at RNZAF Whenuapai, Auckland, New Zealand.

2.3 AOCCAK provides 4 General Purpose Net (GPN) frequencies, which consist of the following (note station hours of operation are currently not 24/7):

Assigned	Dial/Suppressed Carrier	Normal Hours of Operation	When 24HR Operations
3033.4kHz	3032kHz	0900-1000Z 1900-2100Z	0900-2100Z
5688.4kHz	5687kHz	1900-1000Z	CONTINUOUS
8975.4kHz	8974kHz	1900-1000Z	CONTINUOUS
11236.4kHz	11235kHz	1900-1000Z	CONTINUOUS
13207.4kHz	13206kHz	2100-0900	2100-0900

2.3.1 Emission 2K80J9W (Offset - Subtract 1.4kHz from assigned).

2.3.2 Discrete frequencies are available as required and allocated after initial contact on the GPN.

2.3.3 Telephone patch facilities between aircraft and ground appointments are available in emergencies or at supervisor's discretion.

2.3.4 SELCAL. Available to suitably equipped aircraft/vessels.

2.4 **Hours of Operation**

AOCCAK - 1900Z - 1000Z daily

2.5 **Mode of Operation**

AOCCAK is capable of operating Independent Side Band (ISB), the normal mode of operation is Upper Side Band (USB) or suppressed carrier.

2.6 **Callsign**

AOCCAK uses the following self evident callsign: “Air Force Auckland”.

2.7 Telephone contact number.

AOCCAK -: +64 9 417 7831.

3. MILITARY HF COMMUNICATIONS

3.1 In addition to that which DCSC supplies, the following HF nets are available:

a. RAAF Butterworth. Aircraft transiting to/from Butterworth may relay message traffic via DCSC. Aircraft requiring HF contact with Butterworth are to make prior arrangement through DCSC.

b. PNGDF General Purpose Network

Location	C/S	Frequencies	HR of OPS
Port Moresby	P2A2	5746(P) LGG 7496(S) LGH 3175 (S) LGF	H24
Lae	P2A3	5746 (P) LGG 7496 (S) LGH 3175 (S) LGF	2200-0700 JO

4. AIR-TO-AIR COMMUNICATIONS - CIVIL

4.1 Interpilot air-to-air communications in Australian FIRs may be conducted on frequency 123.45MHz. Aircraft engaged in flights over remote and oceanic areas, out of range of VHF ground stations, and not in the vicinity of a charted non-controlled aerodrome, should use this channel to exchange operational information. Communications between aircraft on this frequency are restricted to the exchange of information relating to aircraft operations. Communications are to be established by either a directed call to a specific aircraft or a general call, taking into account conditions pertaining to the use of the particular channel. As target aircraft may be guarding more than one frequency, the initial call should include the distinctive channel identification “INTERPILOT” or identification of the air-to-air frequency.

4.2 The following examples illustrate the application of the calling procedures.

a. Qantas 2, SPEEDBIRD 15, INTERPILOT, DO YOU READ?; or

b. ANY AIRCRAFT VICINITY 10S 135E, QANTAS 5, 123.45, OVER.

5. AIR TRAFFIC SERVICES DATALINK SERVICES

5.1 HF SELCAL Check

5.1.1 For aircraft departing Australian airspace, a SELCAL check is not mandatory. However, flight crews wishing to satisfy themselves with HF performance should perform a SELCAL check after departure, but prior to being transferred to CPDLC. The primary HF frequency will be advised with the transfer instruction. The HF operator will confirm the primary and secondary HF frequencies on first contact.

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AIRCRAFT EMERGENCY PROCEDURES

1. RECOMMENDED PROCEDURES FOR ANY EMERGENCY PHASE

1.1 Emergency SSR Codes - EMERGENCY 7700 - RADIO FAILURE 7600

Circumstances	**Phraseologies** *** Denotes pilot transmission**
1. Distress message	a.* MAYDAY [MAYDAY, MAYDAY] *followed as necessary by:* *(i) (station addressed)* *(ii) (aircraft identification)* *(iii) (nature of distress condition, e.g. FUEL or EMERGENCY DESCENT)* *(iv) (intentions)* *(v) (position, level and heading)* (vi) *(any other useful information).*
2. Acknowledgement of distress message	
ATC acknowledgement of MAYDAY call	a. ROGER MAYDAY
ATC acknowledgement of MAYDAY on frequency transfer	b. MAYDAY [*(type of emergency)*] ACKNOWLEDGED
Imposition of radio silence	c. STOP TRANSMITTING MAYDAY
ATC broadcast for emergency descent traffic	d. EMERGENCY DESCENT AT *(significant point or location)* ALL AIRCRAFT BELOW *(level)* WITHIN (*distance*) OF (*significant point or navigation aid*) [LEAVE IMMEDIATELY] [*(specific instructions as to direction, heading or track, etc.)*]
Cancellation of distress condition	e.* CANCEL DISTRESS *(information)*
Termination of distress and radio silence	f. DISTRESS TRAFFIC ENDED
3. Urgency message	a.* PAN PAN [PAN PAN, PAN PAN] *followed as necessary by:* *(i) (station addressed)* *(ii) (aircraft identification)* *(iii) (nature of the condition e.g. MEDICAL PRIORITY REQUIRED or WEATHER DEVIATION REQUIRED)* *(iv) (intentions)* *(v) (position, level, heading)* *(vi) (any other useful information).*
ATC acknowledgement of PAN call	b. ROGER PAN
ATC acknowledgement of PAN on frequency transfer	c. PAN [(*type of emergency*)] ACKNOWLEDGED

1.1.1 If no answer to distress/urgency, call/message, use the following appropriate frequencies, broadcasting before changing to the next selected frequency.
   a. Any other aeronautical en route frequency.
   b. 121.5 MHz or 243.0 MHz (R/T): International and Military emergency.
   c. 5696 USB DCSA HFCS distress frequency.
   d. 4125, 6215 and 8291 kHz (R/T, USB): Australian coastal/ship.
   e. 3023 and 5680 kHz. World wide A/G frequencies.
   f. 2182 kHz (R/T): International small ships. DF available.

1.2 **Notification of Emergency Using Datalink**

1.2.1 Depending on the nature of the emergency condition experienced, flight crew should notify ATS of the circumstances by the most efficient means (voice or data link).

1.2.2 If a CPDLC MAYDAY or PAN message is received by the ground system, the controller will respond with the free text uplink message ROGER MAYDAY (PAN). The controller will not expect a ROGER response to the uplink until being notified that the emergency situation has been cancelled or stabilised to the extent that messages are able to continue being exchanged (if data link is considered to be the best communications medium for the situation).

1.2.3 If the emergency situation no longer exists, the pilot should cancel the ADS emergency mode (if activated).

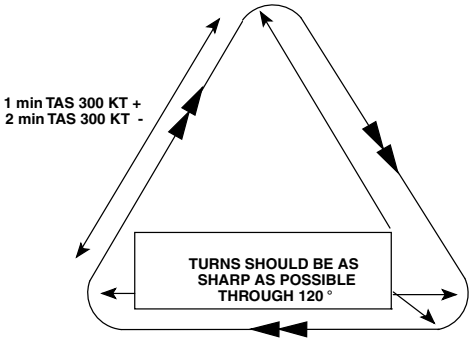
1.3 **Imposition of Silence**

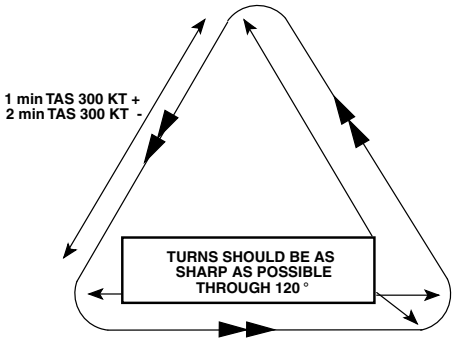
1.3.1 Only the ACFT in distress or the unit in control of distress communications is permitted to impose silence on any station which interferes with distress communications. The call should be addressed to ALL STATIONS or one station only, depending on circumstances. The call should be as follows:
"STOP TRANSMITTING; MAYDAY"

1.4 **Alerting Surveillance Unit (MIL OPS only)**

1.4.1 If in an emergency within coverage of a surveillance unit and unable to make radio contact with any ATS unit and outside civil controlled airspace, the surveillance unit can be alerted as follows:
   a. Switch transponder to emergency, squawk mode 3A, code 7700.
   b. Continue attempts to make communications and monitor the appropriate frequencies (see communications failure instructions for appropriate frequencies).

1.4.2 Fly applicable pattern shown below.





NO TRANSMIT OR RECEIVE

1.4.3 If adopting this procedure:
- a. fly at best endurance speed;
- b. complete at least two patterns before resuming heading;
- c. make turns as tight as practicable;
- d. attempt to maintain VMC to facilitate interception by a shepherd aircraft; and
- e. at night or in VMC, turn on navigation and anti-collision lights.

1.5 **Communication Failure**

1.5.1 In the event of communications failure, maintain terrain clearance throughout all procedures.

1.5.2 **Indications by an Aircraft:**
- a. In Flight
  - (i) during the hours of daylight - by rocking the aircraft's wings; and
  Note: This signal should not be expected on the base and final legs of the approach.
  - (ii) during the hours of darkness - by flashing on and off twice the aircraft's landing lights or, if not so equipped, by switching on and off twice its navigation lights.
- b. On the Ground
  - (i) during the hours of daylight: by waggling the aircraft's ailerons or rudder; and
  - (ii) during the hours of darkness: by flashing on and off twice the aircraft's landing lights or, if not so equipped, by switching on and off twice its navigation lights.

1.5.3 **If VFR in Class G Airspace**
- a. Remain in VMC.
- b. Broadcast Intentions (assume transmitter is operating and prefix calls with "TRANSMITTING BLIND").
- c. Remain VFR in Class G airspace and land at the nearest suitable aerodrome.
- d. Report arrival to ATS if on SARTIME or reporting schedules (SAR telephone number: 1800 815 257).

1.5.4 **If in Controlled/Restricted Airspace or if IFR in any Airspace:**
- a. Squawk 7600
- b. Listen out on ATIS and/or voice modulated NAVAIDs.
- c. Transmit intentions and make normal position reports (assume transmitter is operating and prefix calls with "TRANSMITTING BLIND").

  AND

  if in VMC and are certain of maintaining VMC
- d. Stay in VMC and land at the most suitable aerodrome (note special procedures if proceeding to a Class D).

  OR

  If in IMC or are uncertain of maintaining VMC
- e. If no clearance limit received and acknowledged, proceed in accordance with the latest ATC route clearance acknowledged and climb to planned level.

f. If a clearance limit involving an altitude or route restriction has been received and acknowledged:
   (i) maintain last assigned level, or minimum safe altitude if higher, for three (3) minutes, and/or
   (ii) hold at nominated location for three (3) minutes, then
   (iii) proceed in accordance with the latest ATC route clearance acknowledged, and climb to planned level.

g. If receiving an ATS surveillance service:
   (i) climb to MSA/LSALT, and,
   (ii) if being vectored, maintain last assigned vector for two (2) minutes, then
   (iii) proceed in accordance with the latest ATC route clearance acknowledged.

h. If holding:
   (i) fly one more complete holding pattern, then
   (ii) proceed in accordance with the latest ATC route clearance acknowledged.

Notes:

1. Initial and subsequent actions by the pilot at the time of loss of communications will depend largely on the pilot's knowledge of the destination instrument approaches, the air traffic/airspace situation and meteorological conditions en route and at the destination. Publishing procedures that cover all radio failure circumstances is not possible. The above procedures ensure that ATS and other traffic should be aware of the pilot's ***most likely actions****. Pilots should follow these procedures unless strong reasons dictate otherwise.*

2. In determining the final level to which a pilot will climb after radio failure, ATC will use the level provided on the flight notification, or the last level requested by the pilot and acknowledged by ATC.

1.5.5 **Destination Procedures**:

a. Track to the destination in accordance with flight plan (amended by the latest ATC clearance acknowledged, if applicable).
b. Commence descent in accordance with standard operating procedures or flight plan.
c. Descend to the initial approach altitude for the most suitable instrument approach in accordance with the published procedures.
d. Carry out the approach to the prescribed minima.

Notes:

1. The most suitable approach is normally the approach that facilitates the most accurate track keeping, however, if the pilot is in receipt of ATIS or directed information (e.g. voice modulated navigation aid) that a specific approach is required, that approach should be used.

2. If an approach time has been given by ATC and acknowledged, adhere to this time.

3. When within 25NM of the destination, the pilot may track direct to the IAF for the most suitable approach.

4. At Sydney during Independent Visual Approaches, refer to Sydney/Kingsford Smith entry in FAC section.

1.5.6 **Actions at Minima**

a. If visual at the minima at an uncontrolled aerodrome, continue to land provided that a safe landing can be accomplished. If visual at the minima at a controlled aerodrome continue to land provided that a clearance to land is received via a voice modulated NAVAID and/or light signal from the Tower.
b. If <u>not</u> visual at the minima, depart for a suitable alternate aerodrome.
c. If insufficient fuel is carried to divert to a suitable alternate, the pilot may hold or carry out additional approaches until visual.
d. Certain Class D aerodromes have specific communications failure procedures which are shown at each aerodrome entry in the FAC section

LIGHT SIGNAL	Meaning to ACFT in Flight	Meaning to ACFT on Airfield
STEADY GREEN	Authorised to land if pilot satisfied no collision risk exists	Authorised to takeoff if pilot satisfied no collision risk exists
STEADY RED	Give way to other aircraft and continue circling	Stop
GREEN FLASHES	Return for landing	Authorised to taxi if pilot satisfied no collision risk exists
RED FLASHES	Airfield unsafe - do not land	Taxi clear of landing area in use
WHITE FLASHES	No significance	Return to starting point on airfield

1.6 **Speechless Radar Approach Procedures**

Situation	Transmission
1 Pilot request for Speechless Radar approach when microphone/s are unserviceable (carrier wave only available).	Pilot transmits four (4)separate and distinct unmodulated transmissions of one second duration
2 Pilot responses to subsequent control questions: A. affirmative or acknowledgment, B. negative, C. say again	A. one distinct transmission B. two separate and distinct transmissions C. three separate and distinct transmissions
3 Pilot indication of a further and pertinent unserviceability or an emergency	Five (5) separate and distinct transmissions
4 Pilot indication of abandoning the aircraft	A single continuous transmission as long as practicable. Where possible the transmitter key is to be locked on.
5 Controller requires pilot to indicate when an instruction has been completed	WHEN (condition or instruction is completed) MAKE A TWO SECOND TRANSMISSION

1.6.1 Communication and NAVAID Failure

In the event of complete failure of communications and NAVAIDs, maintain terrain clearance and proceed as follows:

a. If VFR in Class G Airspace
   (i) Remain VMC.
   (ii) Broadcast intentions (assume transmitter is operating and prefix calls with “TRANSMITTING BLIND').
   (iii) Remain VFR in Class G airspace and land at the nearest suitable aerodrome.
   (iv) Report arrival to ATS if on SARTIME or reporting schedules.

b. If in Controlled / Restricted Airspace or if IFR in any Airspace:
   (i) Squawk 7600.
   (ii) Listen out on ATIS and/or voice modulated NAVAIDs.
   (iii) Transmit intentions and normal position reports (assume transmitter is operating and prefix calls with “TRANSMITTING BLIND”). if practicable, leave/avoid controlled/restricted airspace and areas of dense traffic.
   (iv) As soon as possible, establish visual navigation.
   (v) Land at the most suitable aerodrome (note special procedures if proceeding to a Class D - see above).
   (vi) Report arrival to ATS.

1.7 Emergency Change of Level in Controlled Airspace

1.7.1 When an aircraft in controlled airspace is required to make a rapid change of flight level or altitude because of technical trouble, severe weather conditions, or other reasons, the change will be made as follows using urgency message format, stating level changes involved and diversions, if applicable:

a. Squawk SSR Code 7700.
b. Transmit: PANPAN, PANPAN, PANPAN, then
   (i) agency being called,
   (ii) aircraft identification;
   (iii) nature of urgency problem;
   (iv) intention of person in command;
   (v) present position, flight level or altitude and heading; and
   (vi) any other useful information.

1.8 **Pre/Post Impact Actions**

1.8.1 The following actions should be carried out pre-impact:

a. Activate Crew Impact Instruction. If no prescribed drill, check:
   (i) preparation of aircraft for impact;
   (ii) positioning of personnel;
   (iii) activate ELT (see separate section following);
   (iv) crew procedure for directing evacuation of aircraft in orderly manner; and
   (v) ready availability to crew members of charts showing emergency and distress communication facilities; i.e. location, callsign, frequency of:
   aeronautical stations;
   DF stations; and
   coast radio stations guarding international distress frequencies.
b. Instruct passengers that they will be required to
   (i) recognise the absolute authority of the pilot in command;
   (ii) apply safety apparatus as instructed;
   (iii) prepare for impact shock as instructed;
   (iv) don protective clothing;
   (v) make an orderly exit from the aircraft; and
   (vi) remain near the aircraft after the evacuation (at sea, secure life rafts and set sea anchor).

1.8.2 Immediately prior to impact, set radio apparatus for continuous operation unless the additional risk of fire is too great.

1.8.3 The following should be carried out post-impact:

a. Activate post impact instructions.
b. If no prescribed drill, check the following:
   (i) account for all personnel;
   (ii) account for all distress facilities;
   (iii) tend to the injured;
   (iv) try to attract attention (radio, flares, smoke, mirrors, etc.);
   (v) display appropriate visual rescue signals;
   (vi) keep personnel together;
   (vii) utilise passenger resources, i.e. skill, knowledge, effort, etc.;
   (viii) delegate duties as equitably as possible;
   (ix) conserve resources, i.e. water, food, manpower, facilities;
   (x) maintain passenger morale; and
   (xi) ensure ELT is activated.
   (xii) collect all food/water and useful equipment from the aircraft.

1.9 **Inadvertent Activation of Emergency Locator Transmitter (ELT)**

1.9.1 If the ELT has inadvertently been activated for more than 10 secs contact SAR on 1800 815 257.

1.10 **Activation of ELT**

1.10.1 An Emergency Locator Transmitter (ELT) is a valuable search aid if an aircraft is forced down. However, to obtain maximum benefit from the beacon and to assist search aircraft, pilots need to observe a few guidelines for activation of the ELT.

1.10.2 If in water and the beacon is buoyant, the ELT should be activated in the water and allowed to float to the end of the lanyard with the aerial vertical. Do not hoist the ELT up a mast. The performance of an ELT may be degraded if it is raised above the water surface.

1.10.3 Lives may depend on the correct use of the ELT. The manufacturer's instructions should be studied thoroughly, and kept in the aircraft emergency kit.

1.10.4 If you are forced down the following procedure is recommended:

a. Activate the ELT immediately;
b. Where the ELT is permanently installed in the aircraft, activate the beacon *in situ*;
c. Where the ELT is not permanently installed in the aircraft, select an elevated site clear of trees, boulders etc. and reasonably close to the aircraft.
d. Place the beacon on the ground on an earth mat. If an earth mat is not available, place the ELT on the wing of the aircraft or another metal reflective surface.
e. Secure the ELT with rocks, sticks, tape etc. so that the aerial will remain vertical. avoid anything touching the antennae as this will degrade ELT performance.
f. Remain clear of the ELT. Obstacles near the ELT will distort the radiation pattern.
g. An ELT which is damaged or under wreckage may still transmit some signal. (Always activate the ELT).
h. Do not switch off the ELT unless rescue is no longer required.
i. To avoid confusing COSPAS/SARSAT and direction finding equipment, avoid activating two or more ELTs within 1NM of each other.
Note: In many cases, using an earth mat will increase the effective range of a portable ELT by 50%. A simple and effective earth mat can be made by using household aluminium foil to make a 120CM square, folded, and taped to the unit. To use the earth mat, unfold and place it flat on the ground, securing edges with dirt or rocks. Activate the ELT and place it on the mat.

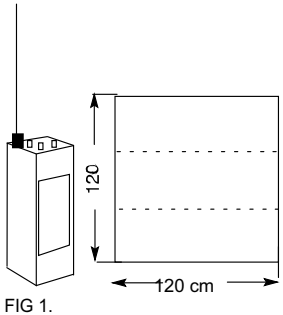


FIG 1.
By joining strips of household aluminium foil, construct a 120cm square.

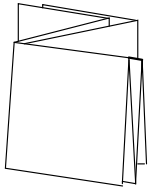


FIG 2
Carefully fold the earth mat to a convenient size.

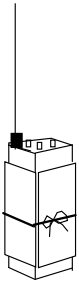


FIG 3.
Tie or tape the folded earth mat to your ELT

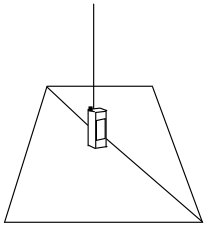


FIG 4
If you are required to use the ELT follow the directions listed under "EMERGENCY ACTIVATION OF ELT"

1.11 **ELT Characteristics**

1.11.1 The following characteristics pertain to ELTs:

a. Frequency 406 MHz (digital) and 121.5 MHz (analog) and, in some instances, 243 MHz.

b. 121.5 and 243MHz modulation.

(i) continuous carrier continuously modulated at the rate of three swept tones per second, no pauses;

(ii) some older marine beacons transmit the carrier on for one second then off for one second, modulation three swept tones per second. This results in the tones being received in evenly spaced groups of three with a distinct one-second pause between groups; and

(iii) some foreign marine beacons vary from the above; e.g. there is a European beacon pulsing in groups of two tones.

1.12 **Reports**

a. report all beacons received;

b. state characteristics;

c. when giving signal heard/strength fade positions, include ACFT level and squelch disabled (MAX hash) information. This is necessary for plotting;

d. advise if signal commenced/ended gradually or abruptly; and

e. do not alter squelch setting unless requested.

Note: Rescue Co-ordination Centres can demonstrate the above signals on request.

2. **AIR SEARCH PATTERNS**

2.1 General

2.1.1 This section is included to assist pilots of aircraft engaged in air search operations. The information is necessarily brief and the SAR Centre recommends that a full preflight briefing be obtained whenever time and/or circumstances permit.

2.2 Visual Search

2.2.1 Visual search patterns are divided into six main groups, which are described briefly below. In the diagrams “S” represents track spacing, i.e, the distance in nautical miles between successive tracks flown by the search aircraft and will be specified by the RCC as part of the briefing or by the assessed visual range of the day.

a. **Trackline Search**- (*See DIAGRAM 1*)

(i) A trackline pattern is most often used in an initial reaction.

(ii) It is very suitable for use by an aircraft available at, or near, the time of a reported distress.

(iii) The assumptions made are that survivors will be found on, or close to, the planned route of the missing craft, that the distressed craft is easily discernible, or that survivors will be capable of signalling should an aircraft be seen or heard.

(iv) It provides a rapid and reasonably thorough coverage of a missing craft's planned route, and the immediately adjacent area.

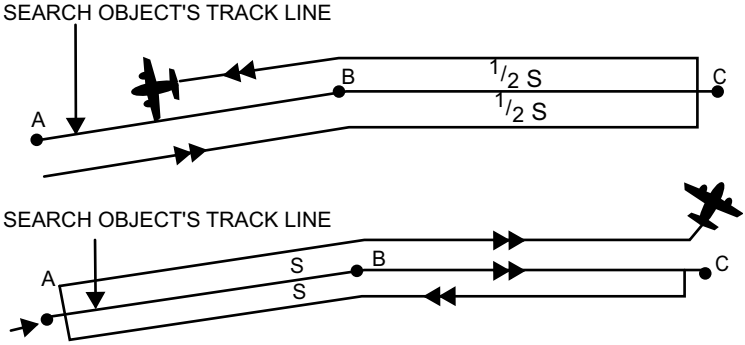


DIAGRAM 1 - TRACKLINE PATTERN

b. **Parallel Track Search**- (*See DIAGRAM 2*)

c. Search legs are aligned parallel to the major axis of the search area.

d. The pattern is best used in rectangular or square areas.
e. This pattern is very suitable for a search conducted over water.

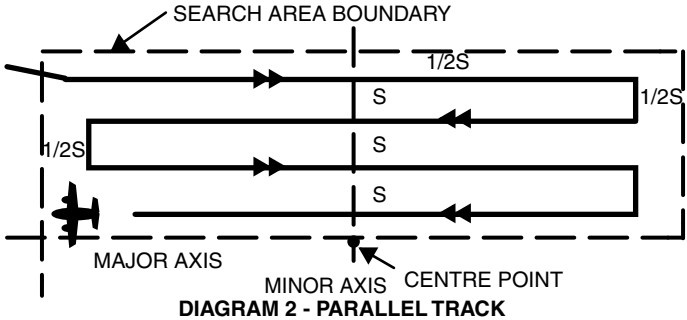
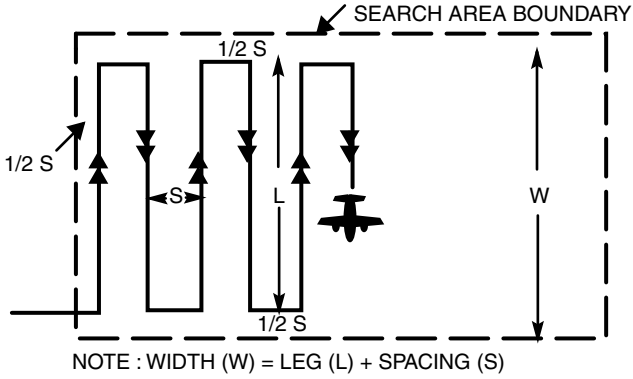


DIAGRAM 2 - PARALLEL TRACK

f. **Creeping Line Search**- (*See DIAGRAM 3*)
(i) The creeping line pattern differs from the parallel track pattern in that the search legs are parallel to the minor axis.



NOTE : WIDTH (W) = LEG (L) + SPACING (S)

DIAGRAM 3 - CREEPING LINE

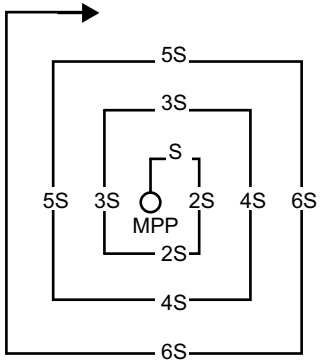


DIAGRAM 4 - SQUARE SEARCH

g. **Square Search**- (*See DIAGRAM 4*)
   (i) The aircraft is flown to make good the tracks shown in the diagram.
   (ii) Turns may be to the left, or right, depending upon the observer positions.
   (iii) The first two tracks are flown for a distance equal to “S”, the third and fourth for a distance equal to twice “S”, the fifth and sixth for 3 x S, and so on.
   (iv) The final track to the start point should be the same as the initial search track.
   (v) Observations should start at a distance of “S” before reaching the most probable position to avoid leaving an unscanned portion near the start point.
   (vi) Observers should be briefed to pay particular attention to the scanning of the areas outwards of each turn to avoid leaving unscanned areas during the turns.
   (vii) A square search should be planned so that, whenever possible, the approach to the most probable position (MPP), and the first leg, is made into wind.

h. **Sector Search**- (*See DIAGRAM 5*)
   (i) This pattern is employed when the position of distress is known within close limits and the area to be searched is not extensive.
   (ii) It is simple to execute and provides greater navigational accuracy than a square search.
   (iii) The track spacing reduces towards the centre, resulting in a greater probability of detection in the area where the target is most likely to be located.
   (iv) Radius of search, angular displacement and mean track spacing (MTS) are specified with the briefing.

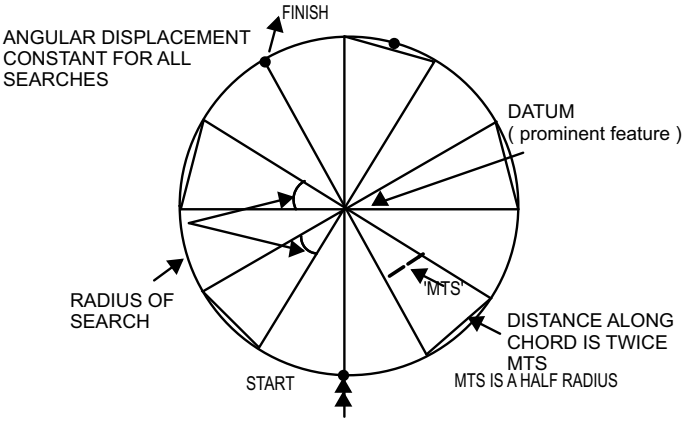


DIAGRAM 5 - SECTOR SEARCH

i. **Contour Search**- (*See DIAGRAM 6 AND DIAGRAM 7*)

2.2.2 This procedure requires an aircraft to be flown at selected contour levels, adjacent to the side of the mountain, starting at the highest selective level.

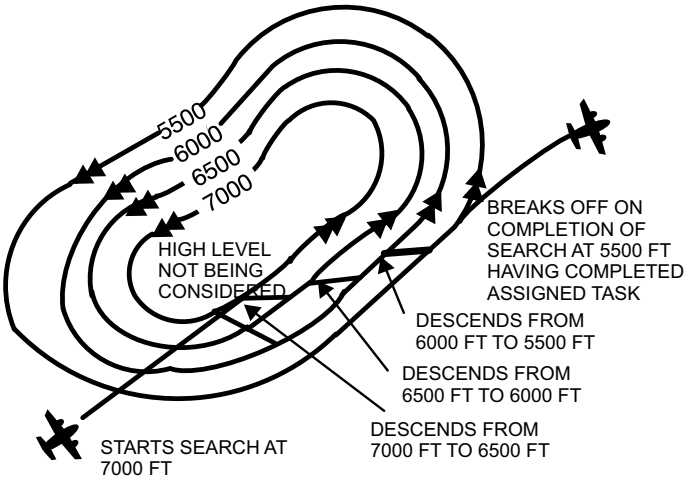


DIAGRAM 6 - CONTOUR SEARCH (PLAN VIEW)

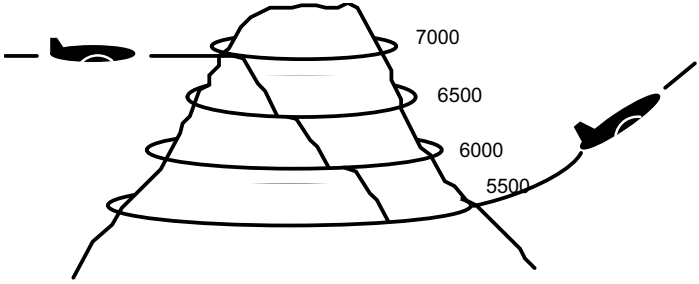
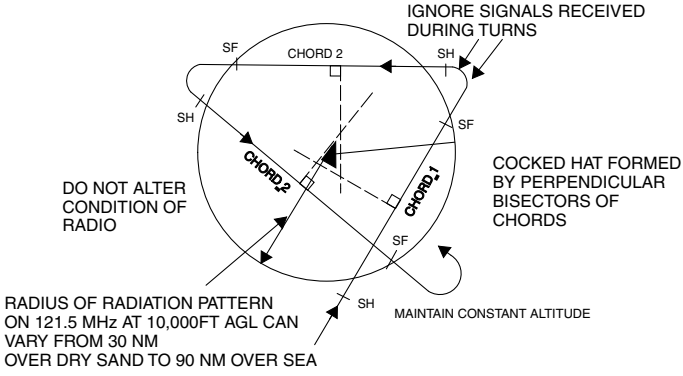


DIAGRAM 7 - CONTOUR SEARCH

2.3 Electronic Search - (See DIAGRAM 8)



2.3.1 Electronic searching is used to search for survivors who may have activated a VHF (or VHF/UHF) locator transmitter. An aircraft equipped with a VHF receiver may locate a survival transmitter using procedures which are based on the assumption that an undistorted radiation pattern is approximately circular. A searchmeter may be used to assist a search operation and is basically a signal strength meter which can be plugged into an aircraft VHF receiver.

2.3.2 The following procedures should be used during initial aural search without a searchmeter:

a. Set the aircraft receiver to its most sensitive condition-squelch disabled;
b. Note and report the position at which the signal is first heard (SH) and fades (SF) and do not change altitude or the condition of the radio;
c. After the signal has faded select a heading estimated to take the aircraft through the radiation pattern, but ignore any beacon signals received during the turn; and
d. Continue chording the radiation pattern until it is possible to establish a cocked hat for the probable position of the beacon, (*See Diagram 8*).

2.4 Carry out a final homing (See DIAGRAM 9).

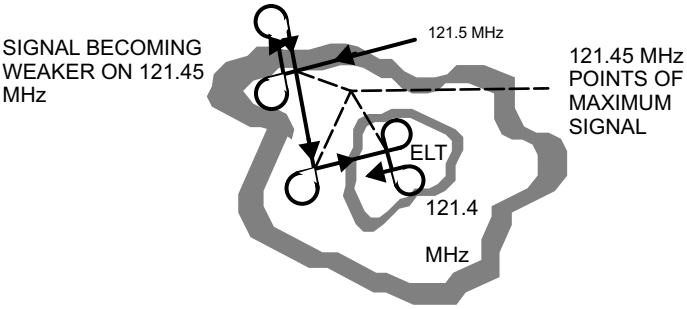


DIAGRAM 9 - FINAL HOMING

2.4.1 The final homing procedures without a searchmeter are:

a. Track towards the estimated centre of the radiation pattern.
b. Set the aircraft receiver to its most sensitive condition and descend, if possible, to be between 1000 and 2000 feet above ground level in the estimated centre.
When the signal from the beacon is very strong and very clear, check on the adjacent frequencies of 121.45 or 121.55 MHz;
c. Traverse the area bounded by the cocked hat, listening for the beacon on the adjacent frequency;
d. On hearing the signal on the adjacent frequency, select and fly a heading which results in a stronger signal. As the signal increases in strength, check further off frequency and descend as required.
At this stage it is most important that each track should be a straight line. Helicopter pilots should avoid any tendency to orbit a suspected site;
The accuracy of the homing will usually depend upon how far off frequency the signal can be heard. Observers will find that a signal being received on, for example, 121.3 or 121.7 MHz (over land) will rise to a sharp peak only as the search aircraft passes over the beacon site at 500FT above ground level. Where the terrain is heavily timbered (e.g. rain forest,), helicopter pilots should descend to lower levels and tune further off frequency to achieve greater accuracy. Information gained during straight and level flight only is most important and is the only data that should be used.
Where the signal is irregular, it is usually because the beacon is located amongst obstacles such as trees, rocks, wreckage, etc. The resultant radiation pattern is no longer circular and the signal heard/signal fade principles no longer apply.

2.4.2 The following procedures should be used during aural search with a searchmeter:

a. Set the aircraft receiver to its most sensitive condition-squelch disabled.
b. Plug the searchmeter into the SAR outlet.
c. Fly as high as practicable for aircraft type and weather conditions.
d. On receiving the emergency signal, advise the Rescue Co-ordination Centre (RCC) of position, heading and indicated airspeed.

e. The radiation pattern from a beacon can either be approximately circular (regular) or lobular (distorted). Where the signal received from the beacon is constant the following procedures should be used:
   (i) Fly a heading which will result in an increase in the reading on the search meter. Maintain this heading at a constant altitude and airspeed (*See DIAGRAM 10*).

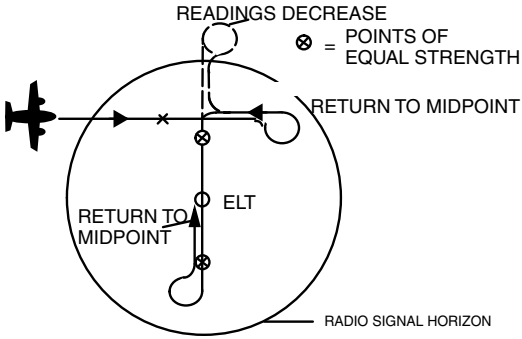
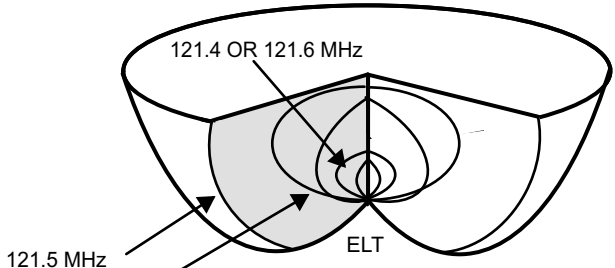


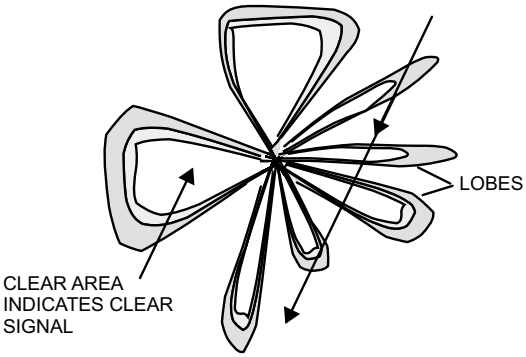
DIAGRAM 10 - SEARCHMETER PROCEDURES

   (ii) Note the time and aircraft position at each half division on the searchmeter.
   (iii) Continue (i) until readings on the searchmeter decrease. Select two positions of equal reading and return to the midposition.
   (iv) On arriving at the midposition turn 90DEG and note the readings on the search meter. If the meter readings decrease turn 180DEG and proceed to determine two further positions of equal signal strength then return to the mid-position.
   (v) When apparent that the beacon is close, descend, if possible, to an altitude giving approximately 2000FT clearance above terrain within approximately 10NM of the search aircraft.
   (vi) By continuing the boxing-in technique the observer should be able to estimate the position of the beacon to within an area of 24 square miles.
   (vii) The beacon site may be located with greater accuracy by detuning the VHF receiver to 121.45 or 121.4 whilst close to the beacon and noting the position on the ground over which there is maximum searchmeter deflection. The receiver may also be detuned to 121.55 or 121.6. With the search aircraft 500FT above ground level and the receiver tuned to 121.3 or 121.7, the signal will only be heard within 200-300 metres of the beacon site (*See DIAGRAM 11*).



NOTE: The Vertical scale has been increased by factor of 10 to increase clarity

DIAGRAM 11 - DETUNING PATTERN



INTENSITY OF STIPPLING INDICATES AMOUNT OF BACKGROUND HASH

DIAGRAM 12 - DISTORTED RADIATION PATTERN

Note: Where the signal from the beacon is broken and distorted, the most probable cause is that the beacon is amongst obstacles such as wreckage, trees, rocks, etc. which cause the signal to be absorbed or reflected, forming lobes.
With the search aircraft flying along the track indicated in Diagram 12, the searchmeter needle would rise and fall, corresponding with the passage of the aircraft through successive lobes where the signal could be heard. In between the lobes there would be receiver noise and no signal. Provided the aircraft is several thousand feet above terrain, the observer may assume that the signal is being received direct from the beacon rather than by reflection from surrounding terrain. Thus by following a lobe the search aircraft will be guided direct to the beacon, (See DIAGRAM 13).

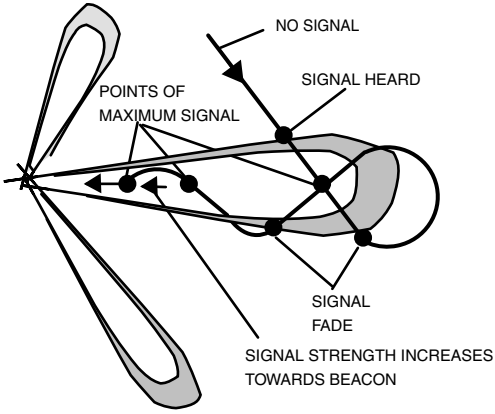


DIAGRAM 13 - INTERCEPTING A LOBE

f. When the ratio between the beacon signal and the background hash begins to favour the latter, alter heading until only a clear signal can be heard. The signal from the beacon should be continuous with clarity improving as the search aircraft approaches the beacon.
g. Once a heading has been established, note the searchmeter readings. The readings will increase as the aircraft approaches the beacon site, reaching a maximum when about to overfly. The position of the beacon may be located with greater accuracy by progressively detuning the VHF receiver to 121.3 or 121.7MHz.

2.5 **Overwater Searches**

2.5.1 The principles of an overwater search using a searchmeter are similar to those used for a regular pattern. However, the following differences should be noted:

a. The radiation pattern from a beacon transmitting overwater will generally be much larger than if the beacon were on land. This could be up to 90NM to an aircraft flying at 10000FT, and 180NM at 30000FT.
b. Some older marine beacons have an interrupted carrier.
c. Where a search aircraft is operating at an altitude of 10000FT or less and has a searchmeter reading of more than four, the pilot should check on the adjacent frequency of 121.45 or 121.55. If the signal can be heard on that frequency, albeit faintly, the search aircraft will be within 15 NM of the beacon.

2.6 **Mountainous Terrain**

2.6.1 A beacon which is activated in mountainous terrain may be likened to an electric light bulb illuminated in a model of the same area. The pilot of an aircraft flying in areas where the light is reflected would be able to receive signals which are reflected. From positions where the light could be seen direct, signals would be received directly from the beacon or, conversely, where there were no reflections and the light could not be seen, there would be no signals. Signals radiating from a beacon in rough country are absorbed, reflected and reinforced to form isolated patches of strong signal which tend to hinder rather than assist the location of the beacon.

2.6.2 To avoid possible confusion from reflected signals, it is essential that the search aircraft should conduct a homing from an altitude above all terrain in the general area. This does not apply to search aircraft flying in valleys or behind mountains in order to ascertain where the beacon signal cannot be heard.

3. **SEARCH AND RESCUE SIGNALS**

3.1 **Third Party Emergency Reporting**

a. Remain in the vicinity or as directed otherwise and keep the aircraft, surface craft or distressed personnel in sight.
b. Turn on automatic emergency radio equipment unless:
   (i) accurate position fixing is possible, and
   (ii) two way communications exist with ATS.
c. Report the following information as applicable to the responsible ATS:
   (i) **TYPE** of aircraft or surface craft;
   (ii) **LOCATION** of distress incident in latitude and longitude, geographical point or bearing and distance from some fixed point; and
   (iii) **DETAILS** regarding the number of personnel concerned, whether known to be afloat and the apparent physical condition of survivors.
d. Alert coast and ship stations by transmitting on international distress frequencies 2182, 4125, 6215 or 8291kHz.
e. Transmit to any frequency which will enable other craft to home to the distress location.
f. Call to surface craft to render assistance by use of manoeuvres set out below, or otherwise by communication on 2182, 4125kHz or 156.8MHz (VHF channel 16).
g. Attempt to establish communication with the aircraft in distress when requested by ATC.
h. Before departing from the area, turn off automatic emergency radio equipment.

3.2 **Assistance of Surface Craft**

3.2.1 To direct a surface craft to distress incident:

a. circle the vessel at least once;
b. fly across the bow of the vessel at low level while rocking the wings, opening and closing the throttles or changing propeller pitch if possible; and
c. head in the direction required.

Note: Visual signals by the surface craft:
ACKNOWLEDGE - red and white vertical striped flag or flashing of a series of 'T's by light.
UNABLE TO COMPLY - square blue and white checkered flag signal or the flashing of a series of 'N's by light.

3.2.2 When assistance is no longer required fly across the stern of the vessel at low level, rocking the wings, opening and closing the throttles or changing propeller pitch if possible.

3.3 **Emergency Management Australia (EMA)**

3.3.1 During relief operations mounted in time of floods, bushfires or other disasters, ground/air signals may be used to indicate requirements.

3.3.2 Aircraft engaged by the relevant State Emergency Service to survey the area, will be briefed to watch for emergency signals. Pilots of other aircraft, not involved in the relief operation, should report sightings to the nearest ATS unit.

3.3.3 Pilots need to be aware of the importance of indicating the actual signal seen (e.g. Civil Emergency Signal No 3), as an attempt to interpret, the signal may be confusing to those receiving the message.

3.4 **Ground/Air Emergency Signals in Use for Australian Civil Emergencies**

GROUND - AIR VISUAL SIGNAL CODE FOR USE IN CIVIL EMERGENCIES		
No	**Message**	**Code Signal**
1	Require Fodder	**FF**
2	Require Evacuation	**III**
3	Power Failure	**VI**

GROUND - AIR VISUAL SIGNAL CODE FOR USE BY SURVIVORS		
No	**Message**	**Code Signal**
1	Require Assistance	**V**
2	Require Medical Assistance	**X**
3	Proceeding in this Direction	
4	Yes or Affirmative	**Y**
5	No or Negative	**N**
	If in doubt use International Symbol	**SOS**

Notes:

1. Aldis lamp signals

Red flashes - not understood

Green flashes - message understood.

2. Air Ground Signals

The following signals by aircraft mean that the signals have been understood

a During the hours of daylight - rocking the aircraft's wings

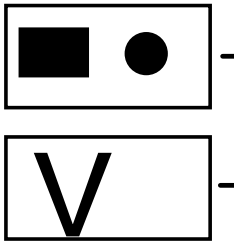
b During the hours of darkness - by flashing the aircraft's landing or navigation lights on or off twice.

3. Lack of the above signal indicates that the message has not been understood.

4. The "GROUND - AIR VISUAL SIGNAL CODE FOR USE BY SURVIVORS" conforms to ICAO and NATO standards.

3.5 **Visual Distress Signals - Small Vessels**

Either of the two signals shown below may be displayed by small vessels. The signals are for use ONLY in the Australian Search and Rescue Area. The signal sheet is rectangular, coloured international orange, with black symbols.

SIGNAL	MEANING
	**I am in distress and require assistance**

4. **SURVIVAL**

4.1 **Introduction**

4.1.1 Alone and injured, people have survived in almost impossible circumstances. The determination to beat the situation and the will to survive is the survivor's strongest weapons. Military SAR will not give up searching for downed aircrew.

4.1.2 The peacetime priorities of survival are listed below:

a. **PROTECTION**: The elements of protection are:
   (i) First Aid - breathing must be restarted within 3 minutes;
   (ii) Clothing;
   (iii) Shelter - in harsh weather a shelter will be required in less than 3 hours; and
   (iv) Fire.
b. **LOCATION**: Most survivors are located within 3 days.
c. **WATER**: In Australia's arid centre water must be found within 3 days.
d. **FOOD**: Survival without food for at least 30 days is possible. Therefore, food is the lowest priority. Food information is contained in the JUNGLE SURVIVAL section.

4.1.3 Basic survival rules are outlined in the following sections:

a. Location;
b. First Aid;
c. Desert Survival;
d. Sea Survival;
e. Jungle Survival; and
f. Cold Weather Survival;

4.1.4 Rapidly adapt to the new situation - DO NOT WASTE TIME. Even if SAR is expected quickly develop a plan of action that will assist SAR and improve living conditions. Start working to beat the situation as soon as possible.

4.2 **Location**

4.2.1 Safety Equipment

4.2.2 When moving always carry location aids and protect them from deterioration. Do not fire pyrotechnics until SAR is sighted. Consider the best use of aids:

a. survival radios/beacons,
b. signal mirror,
c. day/night flares,
d. rockets,
e. strobe,
f. signal panels, and
g. sea dye marker.

4.2.3 Improvised Aids.

a. Improve rescue chances by constructing fires and ground signals.
b. Signal Fires:
   (i) Initially use campfire
   (ii) 3 fires 30M apart in line or triangle.
   (iii) Burn greenery or wreckage to produce smoke during the day

4.2.4 Ground Signals.

Ground signals should be 1M wide and 6M long and must contrast with environment by using angles, colour, reflective material and shadow.

4.3 **First Aid**

4.3.1 FIRST AID KITS IN AIRCRAFT: LOW CAPACITY AIRCRAFT LESS THAN 30 PAX

Recommended Contents	
Quantity	**Item**
1	First Aid Manual
1	Airway Tube
1	4” Scissors
5	Safety Pins
1	Single Edge Blade
2 pair	Disposable Gloves
1	Triangular Bandage
3	White Open Weave Bandages 7.5CM
3	Plain Wound Dressings No. 9
1 pkt	Elastoplast Miscellaneous Dressings
10	Sterile Strip Sutures
1	Micropore 2 inch tape
2	Eye Pads No. 16
2	Crepe Bandages 6”
1 pkt	White Lint Gauze
1 pkt	15G Cotton Wool
2 pcs	Vaseline Impregnated Gauze
1	150ML Eye Irrigation Liquid
2 pkts	Savlodil Antiseptic Solution
1 tube	Antiseptic Cream
1 tube	Calamine Cream 50G
20	Panadeine CO Tablets
1 pkt	Band-Aids

4.3.2 **First Aid - Adults**

a. Reassure the casualty.
b. Always monitor ABC/level of consciousness in every case.
c. Give Oxygen.
d. Aviation Rescue Fire Fighting provide: First Aid response, Oxygen & Defibrillation.

4.3.3 **The Chain of Survival**

a. Early access to emergency services
b. Early CPR to buy time for defibrillation
c. Early defibrillation to revert heart back to a normal rhythm
d. Early advanced life support for drug administration and advanced airway management

4.3.4 **DRSABCD**

Danger

Ensure the area is safe for yourself, others and the patient.

Response

Check for response.

Send For Help

Dial Triple Zero (000) immediately.

Airway

Check and clear airway.

Breathing
Look, listen and feel for breathing.
CPR
30 compressions to 2 breaths at 100 compressions/min.
Defibrillation
If Automated External Defibrillator (AED) is available, follow voice prompts.
Monitor pulse, respirations and maintain ABC.

4.3.5 **Head Injury**
a. Lay with injured side down, if possible
b. Do not give drugs, water or food

4.3.6 **Stop Bleeding**
a. Apply direct pressure to wound with gloved hands / bandages;
b. If direct pressure insufficient, use a broad bandage to apply constrictive pressure at top of effected limb.
c. Do not remove embedded objects. Use a ring pad around protrusions.
d. Elevate the limb unless broken;
e. Tourniquets not used.

4.3.7 **Chest Injury**
a. Cover sucking chest wounds with a non porous bandage sealed on three sides (acts as one-way valve). If casualty becomes worse, remove the non-porous bandage;
b. Immobilise unstable chest by circumferential bandaging - firm not tight.
c. Posture casualty: Half-sitting with injured side down, if possible.
d. Do not give pain killers

4.3.8 **Wounds**
a. Use clean / sterile dressings
b. Do not remove embedded objects, use a ring pad around protrusions
c. Do not touch or replace internal organs. Cover with a sterile, wet pad (or gladwrap), do not apply pressure.

4.3.9 **Fractures:**
Support and Immobilise
a. Arms: Splint and strap to body;
b. Legs: Splint and strap together.

4.3.10 **Burns:**
Cool and Cover
a. Cool with water - 20 minutes
b. Do not remove material from wound
c. Cover with wet, sterile / non-stick dressing (or gladwrap)

4.3.11 **Shock:**
Casualty looks pale, skin feels cold and clammy
a. Lay conscious casualty on back, elevate legs
b. Maintain normal body temperature
c. Rest, reassure, no alcohol or drugs

4.3.12 **Minor Wounds**
Treat all minor wounds including scratches and cuts (prevent infection)

4.3.13 **Dehydration:**
Dark / pungent urine requires an increase in fluid intake
a. Rest in shade and cool
b. Drink fluids (water is best) - not alcohol / caffeine

4.4 **Acute Care**

4.4.1 **Snakebite:**
a. Victim must remain calm. Use pressure Immobilisation Technique.
b. Firmly bandage whole limb. Start atop bite site then bandage limb upwards.
c. Bandage firm but not so tight as to cut off circulation.
d. Do not allow casualty to move - must remain still.
e. Splint the limb, immobilising as you would a fracture.
f. Monitor ABC / level of consciousness & circulation to effected limb.

4.4.2 Carbon Monoxide (CO) Poisoning:
a. Remove casualty to fresh air - Casualties skin colour may sometimes look normal;
b. If available give concentrated oxygen;
c. Symptoms may include; headache, nausea, drowsiness, confusion;
d. CO is a colourless, odourless, tasteless gas.

4.5 **Desert Survival**

4.5.1 Immediate Action:
a. Activate ELT immediately: and
b. Rest in solid shade 0.3M above ground. (Do not use aircraft interior, if no shade is available then erect a shelter)

4.5.2 **Desert Survival Rules:**

Note: With temperatures above 30DEG C most of the body's water loss is through sweating. The body sweats to cool itself. Survivors must reduce body heat gains to minimise sweating and then procure water at night. Night temperatures may be cold.
a. Rest in shade 0.3M above or 75CM below ground. Avoid gaining heat from ground conduction or hot air layer above ground.
b. Do essential work when sun down and temperature has dropped to about 20DEG C;
c. Stay fully clothed. A single loose layer of clothing minimises heat gains and maximises sweat cooling;
d. Ration water to stay hydrated. Check colour of urine. Dehydrating will impair performance and does not decrease water consumption;
e. Eat only carbohydrates and only if water is available. Avoid greasy or fatty foods;
f. Do not travel unless sure of water. Walking in sun instead of resting in shade will at least halve survival time.

4.5.3 **Water Procurement:**

Sterilise all water sources except plastic bag procurement methods. Instructions for setting up water procurement devices are contained with water transpirator bags.
a. TRANSPIRATOR BAGS: Best water procurement device, set up immediately;
b. DESERT STILL: Set up at night;
c. DEW/RAIN;
d. PLANTS: Unreliable source, look for damp patches on trees and insect life; and
e. GROUND WATER: Some indicators are terrain, birdlife, vegetation, animal tracks and insects. Water may exist in rock pools in hills as well as underground, in low lying creek areas.

4.6 **Sea Survival**

4.6.1 Immediate Action:
a. Secure and deploy raft.
b. Activate ELT immediately.
c. Gather useful equipment and board raft (dry if possible).
d. Roll call - locate missing persons.
e. Cut adrift, tie rafts together on 8M line and secure one man to raft.
f. Check raft, adjust sea anchor length to half distance between waves, and in cold weather inflate floor and canopy.
g. Retrieve, secure (to prevent loss if capsized) and inventory equipment.
h. Develop a plan of action.
i. Elect a leader, allocate duties.

4.6.2 Allocation of Duties

A fully loaded liferaft is cramped and uncomfortable.
a. Rotate duties.
b. Exercise, keep occupied and work as a team to minimise discomfort.
c. Allocation of duties should include, lookouts with location aids, raft maintenance, maintaining water devices and food procurement.
d. Plan pyrotechnic operations to avoid damaging raft.

4.6.3 Essential Rules For Sea Survival - If Short of Water.
a. Ration water to stay hydrated. Check colour of urine, dehydration impairs performance and does not decrease water consumption. Hold reliable water sources in reserve;
b. In hot areas wear clothes dampened during day and remain in shade. This will halve water loss by minimising sweating. Protect eyes and skin against sun. Do not exit raft to swim;

c. Fish should not be eaten if short of water, sun dry until rain provides sufficient water. Fish that have an unusual shape, features or skin instead of scales should not be eaten;
d. Avoid seasickness. Use seasick tablets, seasickness will wear off.
e. Do not drink seawater, urine or the blood of sea birds.

4.6.4 Keep Raft Dry,
Avoid immersion, foot and raft sores by regularly changing position.

4.6.5 Discourage Predators
a. Do not trail attractive items.
b. Discard waste well away from raft at night.

4.6.6 Travel.
A small amount of control is possible by adjusting raft for wind or currents. Deploy sea anchor to travel with the current or retrieve it to travel with the wind.

4.7 **Jungle Survival**

4.7.1 Immediate Action
a. Orientate and rendezvous with crew. (Stay fully clothed when moving in jungle);
b. If wreckage is hidden, move to nearby clearing to assist SAR.
c. activate ELT immediately.

4.7.2 Essential Rules For Jungle Survival:
a. Protection - water and food will be readily available in the jungle but location by SAR will be difficult.
b. Set up location aids. Select sites to give location aids best possible ranges. Build fires with smoke to penetrate canopy (refer to “Improvised Aids in Location” section).
c. Sterilise water and animal food. Boil water for 5 minutes or use sterilising tablets. Discard animal food that shows any sign of disease. Always cook animal food to kill parasites.
d. If food is not recognised as safe, apply edibility test.
(i) Discard stinging plants, fungi, plants with milky sap or with the smell of almonds or peaches.
(ii) Discard food that irritates sensitive skin areas such as inside of elbow after 5 mins.
(iii) Chew a teaspoon quantity and spit out, discard if reaction occurs in 5 minutes.
(iv) Eat a teaspoon quantity and discard if reaction occurs in 4 hours and
(v) Eat two teaspoons quantities-plant is safe if no reaction occurs in 4 hours.
e. Do not travel unless habitation seen nearby or search scaled down. Travel rate can be as slow as 500M/HR. Creeks and ridgelines will give fastest travel. Leave messages at crashsite and camp and blaze trail if travelling.

4.7.3 Shelters
a. A shelter will be required in rain or if overnighting.
b. Two taut separated layers of parachute or natural thatching at 60DEG will provide a waterproof shelter.
c. A single taut layer of parachute at 45DEG will provide a shower proof shelter.
d. Keep off the ground to avoid insects and parasites.

4.8 **Cold Weather Survival**

4.8.1 Immediate Action:
a. Adjust clothing - protect hands and head.
b. Shelter from high winds. (Aircraft interior will provide windproof shelter but little thermal protection).

4.8.2 Essential Rules For Cold Weather Survival
a. A drop in body core temperature will mentally affect the survivor, impairing work. The onset is difficult to detect and shivering should be taken as the first warning that heat losses must be minimised. Dressed only in flying clothing, survival chances are good, if a thermal windproof shelter is constructed quickly.
b. Keep clothing dry. Heat loss from wet clothing is 20 times greater than dry.
c. Remove clothing before commencing work to avoid sweating;
(i) Do not let snow melt on clothing;
(ii) Keep feet dry by preventing snow entering boots;
(iii) Loosen clothing to trap air.
(iv) Use a windproof layer to stop wind chill.

d. Construct a shelter. If rescue is delayed then the windproof shelter used in the immediate action must be improved with insulation to provide thermal protection.
   (i) 25CM of snow will provide good insulation.
   (ii) Rafts, sound proofing or branches will provide insulation from ground.
   (iii) A one man snow cave can be built in one hour.
   (iv) In bad weather without a windbreaker an enclosed shelter is more useful than a fire.
e. Maintain location aids.
   (i) Keep battery powered equipment warm.
   (ii) The insulation of a snow shelter will prevent survivors hearing SAR aircraft. Windproof ground signals should be constructed and kept free of snow.
f. Do not travel unless habitation seen nearby or search scaled down. Travel is strenuous and as slow as 4KM/day. Crevasses and avalanches are hazards in ice and mountainous country.

4.8.3 Medical Hazards.

When outdoors, work in pairs. Observe partner to detect onset of cold injuries.

a. Hypothermia. (Lowering of body core temperature). Hypothermia can occur in above zero temperatures. The symptoms are incoherence, slowing down, stumbling and weakness. These symptoms may be mistaken for fatigue. To treat hypothermia protect casualty from wind change wet clothing for dry and use body warmth and insulation to warm.
b. Frostbite. The symptoms are tingling numbing sensation with waxy white appearance. Gently rewarm areas using body heat if nothing else is available. If deep frostbite has occurred leave frozen until rescued.
c. Carbon Monoxide Poisoning. Ventilate shelters where a stove is used with two 6CM holes in door and roof. Do not light fires inside enclosed shelters.
d. Snow Blindness. Prevent too much light entering eyes by using sunglasses or eyeshields. Keep eyes covered to recover from snow blindness.
e. Dehydration. Cold will decrease thirst sensation. Check frequency and colour of urine to avoid unintentional dehydration. To maintain body core temperature drink warm water.

4.8.4 Shelters

The Lean-to with fire and reflector will provide good protection in wooded temperate conditions. An improvised igloo can be made by covering branches, rafts etc., with a parachute and covering with 25CM of snow, letting set and then removing the core. The A-Frame must be modified with 25 CM of snow cover to provide thermal protection. The quickest shelter to build without a shovel is the snow cave. Probe before building to check snow depth. Smooth walls to prevent dripping and construct a cold sump. Stay dry when digging. A snow trench may be constructed with a saw in hard snow.

5. INTERCEPTION AND AIR DEFENCE IDENTIFICATION ZONE (ADIZ) PROCEDURES

5.1. See *AIP ENR 1.12* for.

a. the procedures and visual signals which apply over the territory and territorial waters of Australia in the event of interception of an ACFT, and
b. the general rules and procedures used to identify air traffic entering any designated ADIZ under the control of Australia.

6. ROYAL FLYING DOCTOR SERVICE (RFDS) HF RADIO AND SATCOM NETWORK

6.1. Aircrew requiring in-flight medical advice may attempt contact with the RFDS on the following HF frequencies or SATCOM numbers. Initial contact may be with a duty operator who will facilitate communication with medical personnel.

Base	Organisation	Telephone Contact	Frequencies
Jandakot	RFDS Western Operations	08 9417 6389	N/A
VJD Alice Springs	RFDS Central Operations	08 8648 9555	N/A
VNZ Port Augusta	RFDS Central Operations	08 8648 9555	2020, 4010, 6890, 8165
VJC Broken Hill	RFDS South Eastern Section	08 8088 1188	2020, 4055, 6920
VJN Charleville	RFDS Queensland Section	07 4654 1433	2020, 4980, 6845
VJI Mt Isa	RFDS Queensland Section	07 4743 2802	2020, 5110, 6965
VJN Cairns	RFDS Queensland Section	07 4040 0500	2020, 2260, 5145, 7465
VZX Firefly	Penta Comsat	02 6559 1888	call
RFDS website: www.flyingdoctor.org.au			

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airservices australia

EN ROUTE SUPPLEMENT AUSTRALIA

RUNWAY DISTANCE SUPPLEMENT

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NEXT ISSUE EFFECTIVE 18 MARCH 2027

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ABRA MINE

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(3)	1800 (5905)	1860 (6102) (2.68%)	1800 (5905)	1800 (5905)

RESA dimensions 90M X 60M commences from RWS end.

29	(3)	1800 (5905)	1860 (6102) (2.72%)	1800 (5905)	1800 (5905)

RESA dimensions 90M X 60M commences from RWS end.
RWY 11/29 APCH inner edge length 150M.
Slope 0.196% down to E. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11-	1753(5751)(1.6)	1794(5886)(1.9)	1824(5984)(2.2)	1848(6063)(2.5)
RWY29-	1764(5787)(1.6)	1802(5912)(1.9)	1829(6001)(2.2)	1848(6063)(2.5)

ADELAIDE

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(4)	3100 (10170)	3204 (10512) (2.82%)	3160 (10367)	2950 (9678)

RESA dimensions 90M X 90M commences from RWS end.
RWY 05 DTHR 150M.

23	(4)	3100 (10170)	3204 (10512) (3.21%)	3160 (10367)	3100 (10170)

RESA dimensions 90M X 90M commences from RWS end.
Aerial 16M FM CWY end and 2.8FT ABV CWY end not included in calculation of TODA GRAD and STODA.
Slope 0.1% down to SW. RWY WID 45 RWS WID 280 Graded 150

12	(4)	1652 (5420)	1832 (6010) (2.72%)	1652 (5420)	1652 (5420)

RESA dimensions 90M X 90M commences from RWS end.

30	(4)	1652 (5420)	1832 (6010) (2.26%)	1652 (5420)	1652 (5420)

RESA dimensions 90M X 90M commences from RWS end.
1. OBST limitation SFC not surveyed to ICAO standard
2. Length of approach SFC 7500M. Length of TKOF SFC 7500M.
Slope Level. RWY WID 45 RWS WID 280 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05-	2769(9085)(1.6)	2935(9629)(1.9)	3050(10006)(2.2)	3137(10292)(2.5)
RWY23-	2876(9436)(1.6)	3030(9941)(1.9)	3089(10134)(2.2)	3133(10279)(2.5)
RWY12-	1337(4386)(1.6)	1595(5233)(1.9)	1704(5590)(2.2)	1786(5860)(2.5)
RWY30-	1549(5082)(1.6)	1765(5791)(1.9)	1825(5987)(2.2)	

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY05-	TKOF from TWY E2;	RWY remaining 1555(5102)	reduce all DIST by 1545(5069)
RWY05-	TKOF from TWY F4;	RWY remaining 2076(6811)	reduce all DIST by 1024(3360)
RWY05-	TKOF from TWY F5;	RWY remaining 2427(7963)	reduce all DIST by 673(2208)
RWY23-	TKOF from TWY D1;	RWY remaining 2180(7152)	reduce all DIST by 920(3018)
RWY23-	TKOF from TWY L2;	RWY remaining 2810(9219)	reduce all DIST by 290(951)

ADELAIDE/PARAFIELD

RWY	(CN)	TORA	TODA	ASDA	LDA
03L	(2)	1350 (4429)	1410 (4626) (2.8%)	1350 (4429)	1350 (4429)

RESA dimensions 60M X 60M commences from RWS end.
Landing RWY 03L: Unlit OBST 7.9FT ABV and 215M S RWS end. Top of fence marked by red and white 0.6M square hazard signs.

21R	(2)	1350 (4429)	1410 (4626) (1.94%)	1350 (4429)	1350 (4429)

RESA dimensions 60M X 60M commences from RWS end.
TKOF RWY 21R: Unlit OBST 6.7FT ABV CWY and 215M S RWS end is not taken into account in the calculation of TODA GRAD and STODA. Top of fence marked by red and white 0.6M square hazard signs.
Slope 0.4% down to SW. RWY WID 18 RWS WID 90 Graded 90

03R	(2)	1279 (4196)	1339 (4393) (3.58%)	1279 (4196)	1279 (4196)

Landing RWY 03R: OBST fence 7.9FT ABV and 141M S RWS end. Top of fence marked by red and white 0.6M square hazard signs.

21L	(2)	1279 (4196)	1339 (4393) (1.56%)	1279 (4196)	1279 (4196)

TKOF RWY 21L: OBST fence 7FT ABV CWY and 141M S RWS end not taken into account in the calculation of STODA GRAD. Top of fence marked by red and white 0.6M square hazard signs.
Slope 0.5% down to SW. RWY WID 18 RWS WID 90 Graded 90

08L	(2)	958 (3143)	1018 (3340) (2.98%)	958 (3143)	958 (3143)
26R	(2)	958 (3143)	1018 (3340) (3.88%)	958 (3143)	958 (3143)

Slope 0.5% down to SW. RWY WID 18 RWS WID 90 Graded 90

08R	(2)	992 (3255)	1052 (3451) (2.78%)	992 (3255)	992 (3255)
26L	(2)	992 (3255)	1052 (3451) (3.8%)	992 (3255)	992 (3255)

Slope 0.1% down to W. RWY WID 18 RWS WID 90 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03L- 914(2999)(1.9) 1158(3799)(2.2) 1334(4377)(2.5)
RWY21R- 1154(3786)(1.6) 1402(4600)(1.9)
RWY03R- 872(2861)(2.2) 1046(3432)(2.5) 1287(4222)(3.3)
RWY26R- 944(3097)(3.3)
RWY08R- 904(2966)(2.5)
RWY26L- 853(2799)(2.5) 990(3248)(3.3)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY03L- TKOF from TWY B1; RWY remaining 1158(3799) reduce all DIST by 192(630)

ALBANY

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(2)	1096 (3596)	1156 (3793) (1.45%)	1096 (3596)	1096 (3596)

1. RWY 05 THR location determined by 5.0% APCH GRAD.
2. RWY 05 APCH SFC infringed by trees APRX 510M before RWY 05 THR, APRX 85FT AGL.

23	(2)	1096 (3596)	1159 (3802) (5.31%)	1096 (3596)	1096 (3596)

Slope 0.3% down to SW. RWY WID 30 RWS WID 90 Graded 90

14	(3)	1800 (5905)	1860 (6102) (1.6%)	1800 (5905)	1800 (5905)

RESA dimensions 90M X 60M commences from RWS end.

32	(3)	1800 (5905)	1860 (6102) (1.93%)	1800 (5905)	1800 (5905)

RESA dimensions 90M X 60M commences from RWS end.
RWY 14/32 APCH inner edge length 150M.
Slope 0.1% down to SE. RWY WID 30 RWS WID 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY23- 901(2956)(3.3) 1131(3711)(5.0)
RWY14- 1859(6099)(1.6)
RWY32- 1710(5610)(1.6) 1847(6060)(1.9)

ALBURY

RWY	(CN)	TORA	TODA	ASDA	LDA
07	(3)	1900 (6234)	1990 (6529) (2.64%)	1900 (6234)	1900 (6234)
	RESA dimensions 90M X 60M commences from RWY end.				
25	(3)	1900 (6234)	1990 (6529) (3.61%)	1900 (6234)	1900 (6234)
	RESA dimensions 90M X 60M commences from RWY end.				
	Slope 0.2% down to E. RWY WID 30 RWS WID 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY07- 1657(5436)(2.5)
RWY25- 1971(6466)(3.3)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY07- TKOF from TWY E; RWY remaining 1677(5502) reduce all DIST by 223(732)

ALICE SPRINGS

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(4)	2438 (7999)	2738 (8983) (1.2%)	2438 (7999)	2438 (7999)
	RESA dimensions 240M X 150M commences from RWS end.				
30	(4)	2438 (7999)	2738 (8983) (1.93%)	2438 (7999)	2438 (7999)
	RESA dimensions 240M X 150M commences from RWS end.				
	APCH LGTS up to 3.6FT high WI CWY.				
	Slope 0.3% down to SE. RWY WID 45 RWS WID 280 Graded 150				
17	(2)	1133 (3717)	1193 (3914) (1.2%)	1133 (3717)	1133 (3717)
	RESA dimensions 120M X 90M commences from RWS end.				
35	(2)	1133 (3717)	1193 (3914) (3.95%)	1133 (3717)	1133 (3717)
	RESA dimensions 100M X 90M commences from RWS end.				
	Slope 0.2% down to S. RWY WID 18 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY30- 844(2769)(1.6) 2629(8625)(1.9)
RWY35- 807(2648)(1.9) 919(3015)(2.2) 1000(3281)(2.5) 1131(3711)(3.3)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY12- TKOF from TWY C; RWY remaining 1738(5702) reduce all DIST by 700(2297)
RWY12- TKOF from TWY D; RWY remaining 1661(5449) reduce all DIST by 777(2549)
RWY12- TKOF from TWY E; RWY remaining 1307(4288) reduce all DIST by 1131(3711)
RWY30- TKOF from TWY C; RWY remaining 723(2372) reduce all DIST by 1715(5627)
RWY30- TKOF from TWY D; RWY remaining 800(2625) reduce all DIST by 1638(5374)
RWY30- TKOF from TWY E; RWY remaining 1146(3760) reduce all DIST by 1292(4239)

ALPHA

RWY	(CN)	TORA	TODA	ASDA	LDA
18	(2)	1456 (4777)	1516 (4974) (3.4%)	1456 (4777)	1456 (4777)
36	(2)	1456 (4777)	1516 (4974) (3%)	1456 (4777)	1456 (4777)
	Slope 0.2% down to N. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY18- 1362(4468)(1.6) 1411(4629)(1.9) 1444(4737)(2.2) 1469(4819)(2.5) 1512(4961)(3.3)
RWY36- 1232(4042)(1.6) 1325(4347)(1.9) 1394(4573)(2.2) 1449(4754)(2.5)

AMBERLEY

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(MIL)	1523 (4997)	1583 (5194) (3.36%)	1523 (4997)	1523 (4997)
22	(MIL)	1523 (4997)	1583 (5194) (6.94%)	1523 (4997)	1523 (4997)

TKOF/Climb SFC inner edge WID 180M.

Slope 0.53% up to SW to 323M, then up 0.4% to 1023M, then down 0.3% to RWY end. RWY WID 45 RWS WID 230

15	(MIL)	3047 (9997)	3107 (10193) (4.81%)	3047 (9997)	3047 (9997)
33	(MIL)	3047 (9997)	3107 (10193) (2.27%)	3047 (9997)	3047 (9997)

CWY RWY 15 60M, CWY RWY 33 60M. SWY both RWY NIL.

TKOF/Climb SFC inner edge WID 180M.

RUNWAY INTERSECTION DECLARED DISTANCES

RWY 15 - TKOF from RWY 04/22; RWY remaining 787 (2582) reduce all DIST by 2260 (7415)

RWY 33 - TKOF from RWY 04/22; RWY remaining 2305 (7562) reduce all DIST by 742 (2434)

Slope 0.08% down to NW to 746M, then down 0.21% down to 1546M, level to 2746M then up 0.11% to RWY end. RWY WID 45 RWS WID 230

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 916(3005)(2.2) 1157(3796)(2.5) 1577(5174)(3.3)

RWY22- 943(3094)(2.5) 1193(3914)(3.3) 1449(4754)(5.0)

RWY15- 894(2933)(1.6) 2327(7634)(1.9) 2393(7851)(2.0) 2506(8222)(2.2) 2641(8665)(2.5) 2878(9442)(3.3)

RWY33- 1907(6256)(1.9) 2275(7464)(2.0) 2914(9560)(2.2)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY15-	TKOF from TWY A2;	RWY remaining 1590(5216)	reduce all DIST by 1457(4780)
RWY15-	TKOF from TWY A3;	RWY remaining 2444(8018)	reduce all DIST by 603(1978)
RWY33-	TKOF from TWY A2;	RWY remaining 1479(4852)	reduce all DIST by 1568(5144)
RWY33-	TKOF from TWY A3;	RWY remaining 627(2057)	reduce all DIST by 2420(7940)

ARARAT

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(1)	660 (2165)	720 (2362) (4.48%)	660 (2165)	660 (2165)
22	(1)	660 (2165)	720 (2362) (2.47%)	660 (2165)	660 (2165)

Slope 0.4% down to NE. RWY WID 30 RWS WID 90

12	(1)	1240 (4068)	1300 (4265) (1.51%)	1240 (4068)	1240 (4068)

RESA dimensions 60M X 34M commences from RWY end.

30	(1)	1240 (4068)	1300 (4265) (1.2%)	1240 (4068)	1240 (4068)

RESA dimensions 60M X 34M commences from RWY end.

Slope 0.2% down to NW. RWY WID 18 RWS WID 90

ARMIDALE

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(3)	1738 (5702)	1798 (5899) (2.07%)	1738 (5702)	1738 (5702)

RESA dimensions 60M X 60M commences from RWY end.

23	(3)	1798 (5899)	1858 (6096) (2.02%)	1798 (5899)	1738 (5702)

RESA dimensions 60M X 60M commences from RWY end.
Fence 9.4FT ABV and parallel to RWY, 90M SE of RCL is not taken into account in the calculation of TODA GRAD and STODA.
Slope 0.4% down to SW. RWY WID 30 RWS WID 150 Graded 90

09	(2)	1116 (3661)	1176 (3858) (2.61%)	1116 (3661)	1116 (3661)

RESA dimensions 60M X 60M commences from RWY end.

27	(2)	1116 (3661)	1176 (3858) (3.41%)	1116 (3661)	1116 (3661)

RESA dimensions 60M X 60M commences from RWY end.
Slope 0.8% down to W. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05- 1772(5814)(1.6) 1790(5873)(1.9)
RWY23- 1675(5495)(1.6) 1818(5964)(1.9)
RWY09- 871(2858)(1.6) 1052(3451)(1.9) 1110(3642)(2.2) 1160(3806)(2.5)
RWY27- 942(3091)(1.6) 993(3258)(1.9) 1042(3419)(2.2) 1085(3560)(2.5) 1168(3832)(3.3)

AURUKUN

RWY	(CN)	TORA	TODA	ASDA	LDA
16	(2)	1260 (4134)	1320 (4331) (2.03%)	1260 (4134)	1260 (4134)

RESA dimensions 60M X 60M commences from RWS end.

34	(2)	1260 (4134)	1320 (4331) (1.2%)	1260 (4134)	1260 (4134)

RESA dimensions 60M X 60M commences from RWS end.
RWY 16/34 TKOF and APCH inner edge length 90M.
Slope Level. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY16- 1087(3566)(1.6) 1260(4134)(1.9)

AYERS ROCK/CONNELLAN

RWY	(CN)	TORA	TODA	ASDA	LDA
13	(3)	2599 (8527)	2659 (8724) (2.41%)	2599 (8527)	2599 (8527)

RESA dimensions 90M X 60M commences from RWY end.

31	(3)	2599 (8527)	2659 (8724) (2.22%)	2599 (8527)	2599 (8527)

RESA dimensions 90M X 60M commences from RWY end.
Slope SE end level to RWY centre. 0.3% down to NW. RWY WID 30 RWS WID 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY13- 2488(8163)(1.6) 2568(8425)(1.9) 2627(8619)(2.2)
RWY31- 2597(8520)(1.6) 2632(8635)(1.9) 2658(8720)(2.2)

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BAIRNSDALE

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(1)	1098 (3602)	1158 (3799) (2.32%)	1098 (3602)	1098 (3602)
	RESA dimensions 60M X 90M commences from RWY end.				
22	(1)	1098 (3602)	1158 (3799) (3.45%)	1098 (3602)	1098 (3602)
	RESA dimensions 60M X 90M commences from RWY end.				
	Slope 0.3% down to NE. RWY WID 18 RWS WID 90 Graded 90				
13	(1)	852 (2795)	912 (2992) (3.71%)	852 (2795)	852 (2795)
	RESA dimensions 60M X 80M commences from RWY end.				
31	(1)	852 (2795)	912 (2992) (3.59%)	852 (2795)	852 (2795)
	RESA dimensions 60M X 80M commences from RWY end.				
	Slope 0.1% down to SE. RWY WID 18 RWS WID 80				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 890(2920)(1.6) 1022(3353)(1.9) 1119(3671)(2.2)
RWY22- 804(2638)(1.9) 918(3012)(2.2) 1003(3291)(2.5) 1141(3743)(3.3)
RWY13- 860(2821)(3.3)
RWY31- 854(2802)(3.3)

BALGO HILL

RWY	(CN)	TORA	TODA	ASDA	LDA
15	(2)	1610 (5282)	1670 (5479) (3.03%)	1610 (5282)	1610 (5282)
	RESA dimensions 60M X 60M commences from RWY end.				
33	(2)	1610 (5282)	1670 (5479) (1.2%)	1610 (5282)	1610 (5282)
	RESA dimensions 60M X 60M commences from RWY end.				
	Slope 0.8% down to NW. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY15- 1357(4452)(1.6) 1480(4856)(1.9) 1556(5105)(2.2) 1608(5276)(2.5)

BALLARAT

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(3)	1265 (4150)	1325 (4347) (4.66%)	1265 (4150)	1265 (4150)
	RESA dimensions 55M X 30M commences from RWY end.				
	RWY 05 S side transitional SFC infringed by tower and radio aerial.				
23	(3)	1265 (4150)	1325 (4347) (6.05%)	1265 (4150)	1265 (4150)
	RESA dimensions 150M X 30M commences from RWY end.				
	Slope 0.4% from centre down to ends. RWY WID 30 RWS WID 90				
13	(1)	568 (1863)	628 (2060) (2.61%)	568 (1863)	568 (1863)
31	(1)	568 (1863)	628 (2060) (1.34%)	568 (1863)	568 (1863)
	Slope 0.6% down to N. RWY WID 30 RWS WID 90				
18	(3)	1798 (5899)	1858 (6096) (3.49%)	1798 (5899)	1798 (5899)

1. 3.33% OBST CLR APCH SFC LDG RWY 18 terminates at THR, not RWS end.
2. LDG RWY 18 - Unlit OBST fence 4.9FT ABV and 36M N of RWS end.
3. Transient OBST up to 17.6FT ABV and 57M S of RWS end is not taken into account in calculation of TODA GRAD and STODA.
4. OBST fence up to 6.5FT ABV and PARL to RWY, 78M E of RCL not taken into account in calculation of TODA GRAD and STODA.
5.Unlit OBST fence 8.2FT ABV, 32M S of RWS end not taken into account in calculation of TODA GRAD and STODA.
6. Unlit OBST fence 16FT ABV and 86M S of RWS not taken into account in calculation of TODA GRAD and STODA.
7. Unlit OBST terrain 2FT ABV and at RWS not taken into account in calculation of TODA GRAD and STODA.

36 (3) 1798 (5899) 1858 (6096) (3.96%) 1798 (5899) 1798 (5899)
RESA dimensions 130M X 30M commences from RWY end.
OBST fences 4.2FT ABV and PARL to RWY, 77M E of RCL, and 3.8FT ABV and 87M W of RCL are not taken into account in calculation of TODA GRAD and STODA.
Slope 0.1% down to N. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES
RWY05- 964(3163)(2.2) 1040(3412)(2.5) 1198(3930)(3.3)
RWY23- 956(3136)(1.6) 1075(3527)(1.9) 1175(3855)(2.2) 1259(4131)(2.5) 1311(4301)(3.3) 1321(4334)(5.0)
RWY18- 885(2904)(1.9) 1156(3793)(2.2) 1360(4462)(2.5) 1785(5856)(3.3)
RWY36- 1029(3376)(2.2) 1700(5577)(2.5) 1803(5915)(3.3)

BALLERA

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(3)	1800 (5905)	1860 (6102) (1.2%)	1800 (5905)	1800 (5905)
	RESA dimensions 90M X 60M commences from RWY end.				
21	(3)	1800 (5905)	1860 (6102) (1.95%)	1800 (5905)	1800 (5905)
	RESA dimensions 90M X 60M commences from RWY end.				

Slope Up 0.29% to SW to 460M then DOWN 0.23% to RWY end. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES
RWY21- 1856(6089)(1.6) 1860(6102)(1.9)

BALLINA/BYRON GATEWAY

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(3)	1900 (6234)	1960 (6430) (3.39%)	1900 (6234)	1900 (6234)
	RESA dimensions 90M X 60M commences from RWY end.				
24	(3)	1900 (6234)	1960 (6430) (3.24%)	1900 (6234)	1900 (6234)
	RESA dimensions 90M X 60M commences from RWY end.				

APCH SFC survey based on 150M inner edge WID, gradient 3.33%.
Slope Level. RWY WID 30 RWS WID 150 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES
RWY06- 1138(3734)(1.9) 1451(4760)(2.2) 1689(5541)(2.5) 1950(6398)(3.3)
RWY24- 1267(4157)(1.9) 1469(4819)(2.2) 1671(5482)(2.5)

TAXIWAY INTERSECTION DECLARED DISTANCES
RWY06- TKOF from TWY A; RWY remaining 1615(5298) reduce all DIST by 285(935)
RWY06- TKOF from TWY B; RWY remaining 1435(4708) reduce all DIST by 465(1526)

BALRANALD

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(1)	650 (2133)	710 (2329) (4.07%)	650 (2133)	650 (2133)
	RESA dimensions 60M X 26M commences from RWY end.				
26	(1)	650 (2133)	710 (2329) (2%)	650 (2133)	650 (2133)
	RESA dimensions 60M X 26M commences from RWY end.				

Slope Level. RWY WID 30 RWS WID 90

18	(1)	1185 (3888)	1245 (4085) (3.59%)	1185 (3888)	1185 (3888)
	RESA dimensions 60M X 26M commences from RWY end.				
36	(1)	1185 (3888)	1245 (4085) (1.21%)	1185 (3888)	1185 (3888)
	RESA dimensions 60M X 26M commences from RWY end.				

Slope Level. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES
RWY18- 934(3064)(2.2) 1039(3409)(2.5) 1217(3993)(3.3)

BARCALDINE

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(3)	1702 (5584)	1762 (5781) (3.67%)	1702 (5584)	1702 (5584)

RESA dimensions 60M X 60M commences from RWY end.

RWY	(CN)	TORA	TODA	ASDA	LDA
19	(3)	1702 (5584)	1762 (5781) (3%)	1702 (5584)	1702 (5584)

RESA dimensions 60M X 60M commences from RWY end.

1. CAUTION S end unlit OBST bank 1 FT above and 80M E of RWY CL has not been taken into account in calculation of TODA GRAD and STODA.

2. CAUTION S end unlit OBST bank 2 FT above and 76M W of RWY CL has not been taken into account in calculation of TODA GRAD and STODA.

Slope 0.1% down to N. RWY WID 30 RWS WID 150 Graded 90

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(2)	1115 (3658)	1175 (3855) (2.5%)	1115 (3658)	1115 (3658)
32	(2)	1115 (3658)	1175 (3855) (2.04%)	1115 (3658)	1115 (3658)

Slope 0.2% down to NW. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY01- 1424(4672)(1.6) 1537(5043)(1.9) 1601(5253)(2.2) 1649(5410)(2.5) 1735(5692)(3.3)
RWY19- 1418(4652)(1.6) 1536(5039)(1.9) 1620(5315)(2.2) 1684(5525)(2.5)
RWY14- 872(2861)(1.6) 1012(3320)(1.9) 1107(3632)(2.2)
RWY32- 975(3199)(1.6) 1131(3711)(1.9)

BARIMUNYA

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(3)	1940 (6365)	2000 (6562) (1.66%)	1940 (6365)	1880 (6168)

RESA dimensions 90M X 60M commences from RWS end.

RWY	(CN)	TORA	TODA	ASDA	LDA
28	(3)	1940 (6365)	2000 (6562) (1.53%)	1940 (6365)	1880 (6168)

RESA dimensions 90M X 60M commences from RWS end.

1. RWY 10/28 APCH inner edge length 150M.

2. RWY 10/28 TORA, TODA and ASDA begin at RWS end.

3. RWY 10/28 transitional SFC infringed 1FT by Eastern IWI.

4. RWY 10/28 transitional SFC infringed 8FT by Western IWI marked with red OBS light.

Slope rises at 1.0% FM both THR for first 300M. Hump in centre of RWY. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY10- 1888(6194)(1.6)

BARROW ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(3)	1900 (6234)	1960 (6430) (1.83%)	1900 (6234)	1900 (6234)

RESA dimensions 90M X 60M commences from RWY end.

RWY	(CN)	TORA	TODA	ASDA	LDA
21	(3)	1900 (6234)	1960 (6430) (2.1%)	1900 (6234)	1900 (6234)

RESA dimensions 90M X 60M commences from RWY end.

1. Anthills, 90M either side RCL, 1975M FM SOT RWY 21, 6FT AGL. 10.1% TKOF gradient.

2. RWY 03/21 APCH inner edge length 150M.

Slope 0.15% down to NE. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03- 1946(6384)(1.6)
RWY21- 1921(6302)(1.6) 1947(6388)(1.9)

BATHURST

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(2)	1318 (4324)	1378 (4521) (3.17%)	1318 (4324)	1318 (4324)
	RESA dimensions 180M X 48M commences from RWY end.				
26	(2)	1318 (4324)	1378 (4521) (1.2%)	1318 (4324)	1318 (4324)
	RESA dimensions 280M X 48M commences from RWY end.				
	Slope 0.6% down to W. RWY WID 18 RWS WID 90				
17	(3)	1705 (5594)	1765 (5791) (2.41%)	1705 (5594)	1705 (5594)
	RESA dimensions 180M X 60M commences from RWY end.				
35	(3)	1705 (5594)	1765 (5791) (2.92%)	1705 (5594)	1705 (5594)
	RESA dimensions 260M X 60M commences from RWY end.				

1. OBST fence 10FT ABV and PARL RWY 76.1M W of RCL and OBST fence 2FT ABV and PARL RWY 76.2M E of RCL not taken into account in determining TODA gradient and STODA.

2. TKOF/Climb SFC inner edge 150.

Slope 0.8% down to N. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08- 1054(3458)(2.5)
RWY17- 1324(4344)(1.6) 1572(5157)(1.9) 1692(5551)(2.2)
RWY35- 913(2995)(1.6) 1447(4747)(1.9) 1630(5348)(2.2) 1688(5538)(2.5)

BATHURST ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
15	(3)	1470 (4823)	1530 (5020) (4.12%)	1470 (4823)	1470 (4823)
	RESA dimensions 60M X 60M commences from RWS end.				
	RWY 15 fence 1559M FM start of TORA and on EXTD CL 5FT ABV end of TODA.				
33	(3)	1470 (4823)	1530 (5020) (4.72%)	1470 (4823)	1470 (4823)
	RESA dimensions 60M X 60M commences from RWS end.				
	RWY 15/33 OBST surveys are conducted using 90M inner edge width.				
	Slope 0.7% down to NW. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY15- 1219(3999)(1.6) 1324(4344)(1.9) 1387(4550)(2.2) 1430(4692)(2.5) 1495(4905)(3.3)
RWY33- 1139(3737)(1.6) 1217(3993)(1.9) 1280(4199)(2.2) 1330(4363)(2.5) 1427(4682)(3.3)

BEDOURIE

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(2)	1810 (5938)	1870 (6135) (3.52%)	1810 (5938)	1810 (5938)
	RESA dimensions 60M X 60M commences from RWY end.				
32	(2)	1810 (5938)	1870 (6135) (3.51%)	1810 (5938)	1810 (5938)
	RESA dimensions 60M X 60M commences from RWY end.				

1. RWY 14/32 TODA GRAD and STODA based off 150M inner edge length with 12.5 percent diversions.

2. Parallel sand dunes located APRX 51M E of RWY 14/32 CL ignored in the TODA GRAD and STODA. Infringes TNS by 2FT.

Slope from centre, 0.2% down to NW and 0.12% down to SE. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY14- 1686(5531)(1.6) 1740(5709)(1.9) 1779(5837)(2.2) 1808(5932)(2.5) 1860(6102)(3.3)
RWY32- 1782(5846)(1.6) 1807(5928)(1.9) 1826(5991)(2.2) 1840(6037)(2.5) 1865(6119)(3.3)

BELLEVUE

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(3)	2000 (6562)	2060 (6758) (2%)	2000 (6562)	2000 (6562)
	RESA dimensions 90M X 60M commences from RWS end.				
19	(3)	2000 (6562)	2060 (6758) (1.33%)	2000 (6562)	2000 (6562)
	RESA dimensions 90M X 60M commences from RWS end.				
	RWY 01/19 APCH inner edge length 150M.				
	Slope 0.28% down to S. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY01- 1955(6414)(1.6) 2039(6690)(1.9)

BENALLA

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(1)	1043 (3422)	1103 (3619) (2.93%)	1043 (3422)	1043 (3422)
26	(1)	1043 (3422)	1103 (3619) (2.13%)	1043 (3422)	1043 (3422)
	Slope 0.1% down to W. RWY WID 18 RWS WID 90 Graded 90				
17	(1)	718 (2356)	778 (2552) (4.47%)	718 (2356)	718 (2356)
35	(1)	718 (2356)	778 (2552) (5.08%)	718 (2356)	718 (2356)
	Slope 0.1% down to N. RWY WID 30 RWS WID 90 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08- 893(2930)(2.2) 998(3274)(2.5)
RWY26- 827(2713)(1.6) 992(3255)(1.9)

BENDIGO

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(1)	767 (2516)	827 (2713) (4.98%)	767 (2516)	767 (2516)
	RESA dimensions 60M X 36M commences from RWS end.				
23	(1)	767 (2516)	827 (2713) (5.06%)	767 (2516)	767 (2516)
	RESA dimensions 60M X 36M commences from RWS end.				
	Slope 0.4% down to NE. RWY WID 18 RWS WID 60 Graded 60				
17	(3)	1600 (5249)	1660 (5446) (3.25%)	1600 (5249)	1600 (5249)
	RESA dimensions 90M X 60M commences from RWS end.				
	1. Unlit OBST fence 15.3FT ABV and 82M S of RWS end has not been taken into account in the calculation of the TODA GRAD and STODA.				
	2. Transient OBST (vehicle) 32FT AGL and 1870M FM SOT RWY 17 has not been taken into account in the calculation of TODA GRAD and STODA.				
35	(3)	1600 (5249)	1660 (5446) (2.92%)	1600 (5249)	1600 (5249)
	RESA dimensions 90M X 60M commences from RWS end.				
	Slope 600M N end 0.9% down to S, 1000M S end 1.1% down to N. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY23- 822(2697)(5.0)
RWY17- 805(2641)(2.2) 1133(3717)(2.5)
RWY35- 971(3186)(1.6) 1188(3898)(1.9) 1414(4639)(2.2) 1549(5082)(2.5)

BIRCHIP

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(1)	1043 (3422)	1103 (3619) (1.2%)	1043 (3422)	1043 (3422)
	Transient OBST up to 14.8FT ABV and 80M NE of RWS end is not taken into account in the calculation of TODA GRAD and STODA.				
22	(1)	1043 (3422)	1103 (3619) (3.28%)	1043 (3422)	977 (3205)
	RWY 22 DTHR 66M (217FT).				
	Slope Level. RWY WID 18 RWS WID 90				
09	(1)	524 (1719)	584 (1916) (1.44%)	524 (1719)	524 (1719)
27	(1)	524 (1719)	584 (1916) (3.16%)	524 (1719)	524 (1719)
	Slope Level. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY22- 872(2861)(2.2) 976(3202)(2.5)

BIRDSVILLE

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(1)	800 (2625)	830 (2723) (1.6%)	800 (2625)	800 (2625)
21	(1)	800 (2625)	830 (2723) (1.6%)	800 (2625)	800 (2625)
	Slope Level. RWY WID 18 RWS WID 60				
14	(3)	1732 (5682)	1822 (5978) (2.28%)	1732 (5682)	1732 (5682)
	RESA dimensions 60M X 60M commences from RWS end.				
32	(3)	1732 (5682)	1792 (5879) (1.66%)	1732 (5682)	1732 (5682)
	RESA dimensions 60M X 60M commences from RWS end.				
	Slope 0.1% down to SE. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY14- 1725(5659)(1.6) 1778(5833)(1.9) 1814(5951)(2.2)
RWY32- 1785(5856)(1.6)

BLACKALL

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(3)	1688 (5538)	1748 (5735) (2.83%)	1688 (5538)	1688 (5538)
24	(3)	1688 (5538)	1748 (5735) (3.21%)	1688 (5538)	1688 (5538)
	Slope 0.1% down to SW. RWY WID 30 RWS WID 90 Graded 90				
12	(2)	1603 (5259)	1663 (5456) (2.43%)	1603 (5259)	1603 (5259)
30	(2)	1603 (5259)	1663 (5456) (3.28%)	1603 (5259)	1603 (5259)
	Slope 0.1% down to NW. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06- 1226(4022)(1.6) 1421(4662)(1.9) 1558(5111)(2.2) 1661(5449)(2.5)
RWY24- 1495(4905)(1.6) 1579(5180)(1.9) 1642(5387)(2.2) 1689(5541)(2.5)
RWY12- 1317(4321)(1.6) 1503(4931)(1.9) 1623(5325)(2.2)
RWY30- 1299(4262)(1.6) 1407(4616)(1.9) 1488(4882)(2.2) 1551(5089)(2.5)

BOOLGEEDA

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(4)	2200 (7218)	2260 (7415) (1.86%)	2200 (7218)	2200 (7218)
	RESA dimensions 90M X 90M commences from RWY end.				
26	(4)	2200 (7218)	2260 (7415) (1.27%)	2200 (7218)	2200 (7218)
	RESA dimensions 90M X 90M commences from RWY end.				
	Slope 0.66% down to W. RWY WID 45 RWS WID 300 Graded 150				

BOULIA

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(3)	1801 (5909)	1861 (6106) (1.2%)	1801 (5909)	1801 (5909)
	RESA dimensions 60M X 60M commences from RWY end.				
32	(3)	1801 (5909)	1861 (6106) (1.6%)	1801 (5909)	1801 (5909)
	RESA dimensions 60M X 60M commences from RWY end.				
	Take-off inner edge WID 180M.				
	Slope 0.15% down to SE. RWY WID 30 RWS WID 150 Graded 90				

BOURKE

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(3)	1830 (6004)	1890 (6201) (2.5%)	1830 (6004)	1830 (6004)
	RESA dimensions 90M X 60M commences from RWY end.				
23	(3)	1830 (6004)	1890 (6201) (3.29%)	1830 (6004)	1830 (6004)
	RESA dimensions 90M X 60M commences from RWY end.				
	Slope Level. RWY WID 30 RWS WID 150 Graded 90				
18	(1)	1000 (3281)	1060 (3478) (2.7%)	1000 (3281)	1000 (3281)
36	(1)	1000 (3281)	1060 (3478) (3.09%)	1000 (3281)	1000 (3281)
	Slope Level. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05-	1623(5325)(1.6)	1739(5705)(1.9)	1827(5994)(2.2)	
RWY23-	1841(6040)(1.6)	1856(6089)(1.9)	1867(6125)(2.2)	1875(6152)(2.5)
RWY18-	860(2821)(2.2)	990(3248)(2.5)		
RWY36-	871(2858)(1.9)	935(3068)(2.2)	990(3248)(2.5)	

BOWEN

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(2)	1308 (4291)	1368 (4488) (8.06%)	1308 (4291)	1308 (4291)
22	(2)	1308 (4291)	1368 (4488) (4.39%)	1308 (4291)	1228 (4029)
	1. SW end RWY 04/22 unlit OBST fence 4FT ABV and 40M NW of RWS CL has not been taken into account in the calculation of TODA GRAD and STODA.				
	2. RWY 22 DTHR 80M.				
	Slope 0.3% down to NE. RWY WID 18 RWS WID 90				
12	(1)	901 (2956)	961 (3153) (3.16%)	901 (2956)	901 (2956)
30	(1)	901 (2956)	961 (3153) (5.6%)	901 (2956)	901 (2956)
	Slope 0.2% down to SE. RWY WID 23 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04-	1191(3907)(1.6)	1223(4012)(1.9)	1247(4091)(2.2)	1266(4153)(2.5)	1300(4265)(3.3)
	1338(4390)(5.0)				
RWY22-	956(3136)(1.6)	1263(4144)(1.9)	1342(4403)(2.2)	1348(4423)(2.5)	1360(4462)(3.3)
RWY12-	832(2730)(1.6)	872(2861)(1.9)	901(2956)(2.2)	925(3035)(2.5)	
RWY30-	818(2684)(3.3)	947(3107)(5.0)			

BREWARRINA

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(2)	1386 (4547)	1446 (4744) (1.56%)	1386 (4547)	1386 (4547)
21	(2)	1386 (4547)	1446 (4744) (2.66%)	1386 (4547)	1386 (4547)
	Slope 800(2625) NE end 0.7% down to NE/SE end level. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY21-	1145(3757)(1.6)	1269(4163)(1.9)	1355(4445)(2.2)	1418(4652)(2.5)

BRISBANE

RWY	(CN)	TORA	TODA	ASDA	LDA
01L	(4)	3300 (10827)	3360 (11023) (1.6%)	3300 (10827)	3300 (10827)
	RESA dimensions 240M X 120M commences from RWS end.				
19R	(4)	3300 (10827)	3360 (11023) (1.54%)	3300 (10827)	3300 (10827)
	RESA dimensions 240M X 120M commences from RWS end.				
	Slope 0.2% up from 600M both ends for 400M. Centre level. RWY WID 60 RWS WID 300 Graded 150				
01R	(4)	3500 (11483)	3620 (11876) (1.2%)	3560 (11680)	3500 (11483)
	RESA dimensions 90M X 90M commences from SWY end.				
	RWY 01R DTHR 60M (197FT).				
19L	(4)	3560 (11680)	3620 (11876) (1.49%)	3560 (11680)	3560 (11680)
	RESA dimensions 90M X 90M commences from RWY end.				
	Slope Level. RWY WID 45 RWS WID 300 Graded 150				

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY01L-	TKOF from TWY T10;	RWY remaining 2211(7254)	reduce all DIST by 1089(3573)
RWY01L-	TKOF from TWY T12;	RWY remaining 2662(8733)	reduce all DIST by 638(2093)
RWY01L-	TKOF from TWY T13;	RWY remaining 3252(10669)	reduce all DIST by 48(157)
RWY19R-	TKOF from TWY T2;	RWY remaining 3179(10430)	reduce all DIST by 121(397)
RWY19R-	TKOF from TWY T3;	RWY remaining 2662(8733)	reduce all DIST by 638(2093)
RWY19R-	TKOF from TWY T5;	RWY remaining 2211(7254)	reduce all DIST by 1089(3573)
RWY01R-	TKOF from TWY A3;	RWY remaining 809(2654)	reduce all DIST by 2691(8829)
RWY01R-	TKOF from TWY A4;	RWY remaining 1279(4196)	reduce all DIST by 2221(7287)
RWY01R-	TKOF from TWY A7;	RWY remaining 2689(8822)	reduce all DIST by 811(2661)
RWY01R-	TKOF from TWY H3;	RWY remaining 801(2628)	reduce all DIST by 2699(8855)
RWY01R-	TKOF from TWY M;	RWY remaining 2685(8809)	reduce all DIST by 815(2674)
RWY19L-	TKOF from TWY A3;	RWY remaining 2781(9124)	reduce all DIST by 779(2556)
RWY19L-	TKOF from TWY A4;	RWY remaining 2311(7582)	reduce all DIST by 1249(4098)
RWY19L-	TKOF from TWY H3;	RWY remaining 2774(9101)	reduce all DIST by 786(2579)
RWY19L-	TKOF from TWY H4;	RWY remaining 2304(7559)	reduce all DIST by 1256(4121)

BRISBANE WEST WELLCAMP

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(4)	2870 (9416)	2930 (9613) (3.12%)	2870 (9416)	2870 (9416)
	RESA dimensions 92M X 90M commences from RWS end.				
	All grooved asphalt except RWY 12 THR and turning node, which is grooved concrete (200M (656))				
30	(4)	2870 (9416)	2930 (9613) (1.92%)	2870 (9416)	2870 (9416)
	RESA dimensions 92M X 90M commences from RWS end.				
	Slope NW end 0.5% up to SE for 700M, then 0.9% up to SE for 1350, then 0.8% up to SE for 820M. RWY WID 45 RWS WID 300 Graded 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12-	931(3054)(2.2)	1718(5636)(2.5)
RWY30-	2747(9012)(1.6)	2807(9209)(1.9)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY12-	TKOF from TWY G;	RWY remaining 1732(5682)	reduce all DIST by 1138(3734)
RWY12-	TKOF from TWY N;	RWY remaining 1729(5673)	reduce all DIST by 1141(3743)
RWY30-	TKOF from TWY G;	RWY remaining 1168(3832)	reduce all DIST by 1702(5584)
RWY30-	TKOF from TWY K;	RWY remaining 2412(7913)	reduce all DIST by 458(1503)
RWY30-	TKOF from TWY N;	RWY remaining 1159(3802)	reduce all DIST by 1711(5613)

BRISBANE/ARCHERFIELD

RWY	(CN)	TORA	TODA	ASDA	LDA
04L	(2)	1245 (4085)	1305 (4281) (3.29%)	1245 (4085)	1245 (4085)
22R	(2)	1245 (4085)	1305 (4281) (3.55%)	1245 (4085)	955 (3133)

1. RWY 22R DTHR 290M.

2. Caution: SW end RWY 22R unlit OBST bank 1FT ABV and 0.6M SE of RWS CL has not been taken into account in the calculation of TODA GRAD and STODA.

Slope 0.25% down to NE. RWY WID 30 RWS WID 90

04R	(2)	1100 (3609)	1160 (3806) (3.6%)	1100 (3609)	1100 (3609)
22L	(2)	1100 (3609)	1160 (3806) (2.8%)	1100 (3609)	1100 (3609)

Slope 0.3% down to NE. RWY WID 30 RWS WID 90

10L	(3)	1556 (5105)	1637 (5371) (4.07%)	1556 (5105)	1406 (4613)

RESA dimensions 90M X 60M commences from CWY end.

1. RWY 10L DTHR 150M.

2. TKOF run commences at the starter extension 150M west of RWY 10L THR. From RWY 10L THR TORA is 1406M.

28R	(3)	1577 (5174)	1727 (5666) (3.73%)	1577 (5174)	1350 (4429)

RESA dimensions 90M X 60M commences from CWY end.

1. RWY 28R DTHR 227M.

2. TKOF run commences at starter extension 227M east of RWY 28R THR. From RWY 28R THR TORA is 1350M.

Slope 0.5% down to W. RWY WID 30 RWS WID 150

10R	(2)	1100 (3609)	1160 (3806) (3.56%)	1100 (3609)	1100 (3609)
28L	(2)	1100 (3609)	1160 (3806) (3.74%)	1100 (3609)	1100 (3609)

Slope 0.5% down to W. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04L- 1087(3566)(2.2) 1215(3986)(2.5)
RWY22R- 1240(4068)(3.3)
RWY04R- 940(3084)(1.9) 1002(3287)(2.2) 1048(3438)(2.5) 1136(3727)(3.3)
RWY22L- 938(3077)(2.5)
RWY10L- 953(3127)(1.9) 1152(3779)(2.2) 1294(4245)(2.5) 1526(5007)(3.3)
RWY28R- 990(3248)(1.6) 1175(3855)(1.9) 1317(4321)(2.2) 1431(4695)(2.5) 1646(5400)(3.3)
RWY10R- 1076(3530)(3.3)
RWY28L- 837(2746)(2.2) 933(3061)(2.5) 1110(3642)(3.3)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY10L-	TKOF from TWY B6;	RWY remaining 1405(4610)	reduce all DIST by 151(495)
RWY28R-	TKOF from CHECK POINT Z;	RWY remaining 1487(4879)	reduce all DIST by 90(295)
RWY28R-	TKOF from TWY A1;	RWY remaining 1553(5095)	reduce all DIST by 24(79)
RWY28R-	TKOF from TWY A2;	RWY remaining 1328(4357)	reduce all DIST by 249(817)
RWY28R-	TKOF from TWY B2;	RWY remaining 1350(4429)	reduce all DIST by 227(745)

BROKEN HILL

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(3)	2512 (8241)	2572 (8438) (2.44%)	2512 (8241)	2512 (8241)
	RESA dimensions 90M X 60M commences from RWS end.				
23	(3)	2512 (8241)	2572 (8438) (2.92%)	2512 (8241)	2512 (8241)
	RESA dimensions 90M X 60M commences from RWS end.				
	Slope 0.62% down to SW. RWY WID 30 RWS WID 150				
14	(2)	1000 (3281)	1060 (3478) (1.64%)	1000 (3281)	1000 (3281)
32	(2)	1000 (3281)	1060 (3478) (2.88%)	1000 (3281)	1000 (3281)
	Slope from ends 0.32% down to point 670M from NW end. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05-	2168(7113)(1.6)	2411(7910)(1.9)	2529(8297)(2.2)	
RWY23-	2352(7716)(1.6)	2432(7979)(1.9)	2489(8166)(2.2)	2531(8304)(2.5)
RWY14-	1021(3350)(1.6)			
RWY32-	829(2720)(1.9)	923(3028)(2.2)	994(3261)(2.5)	

BROOME/INTL

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(4)	2404 (7887)	2464 (8084) (3.28%)	2404 (7887)	2270 (7447)
	RESA dimensions 90M X 90M commences from RWS end.				
28	(4)	2324 (7625)	2384 (7821) (2.58%)	2324 (7625)	2204 (7231)
	RESA dimensions 90M X 90M commences from RWS end.				
	APCH GRAD RWY 10 and 28 based on 150M inner edge.				
	RWY 28 DTHR 66M.				
	Slope W 737M level, E 1,721M 0.5% down to E. No shoulders. RWY WID 45 RWS WID 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY10-	2210(7251)(1.6)	2284(7493)(1.9)	2341(7680)(2.2)	2382(7815)(2.5)
RWY28-	2308(7572)(1.6)	2344(7690)(1.9)	2364(7756)(2.2)	2381(7812)(2.5)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY10-	TKOF from TWY E;	RWY remaining 1188(3898)	reduce all DIST by 1216(3989)
RWY10-	TKOF from TWY F1;	RWY remaining 1467(4813)	reduce all DIST by 937(3074)
RWY10-	TKOF from TWY F2;	RWY remaining 1574(5164)	reduce all DIST by 830(2723)
RWY10-	TKOF from TWY G;	RWY remaining 784(2572)	reduce all DIST by 1620(5315)
RWY28-	TKOF from TWY A;	RWY remaining 1889(6197)	reduce all DIST by 435(1427)
RWY28-	TKOF from TWY B;	RWY remaining 1982(6503)	reduce all DIST by 342(1122)
RWY28-	TKOF from TWY C;	RWY remaining 1887(6191)	reduce all DIST by 437(1434)
RWY28-	TKOF from TWY E;	RWY remaining 1096(3596)	reduce all DIST by 1228(4029)
RWY28-	TKOF from TWY F1;	RWY remaining 813(2667)	reduce all DIST by 1511(4957)
RWY28-	TKOF from TWY G;	RWY remaining 1495(4905)	reduce all DIST by 829(2720)

BUNBURY

RWY	(CN)	TORA	TODA	ASDA	LDA
07	(2)	1015 (3330)	1075 (3527) (3.76%)	1159 (3802)	1015 (3330)
	RESA dimensions 60M X 46M commences from RWY end.				
25	(2)	1219 (3999)	1279 (4196) (5.71%)	1219 (3999)	1015 (3330)
	RESA dimensions 60M X 46M commences from RWY end.				
	1. APCH surface infringed by multiple objects (trees).				
	2. RWY 25 DTHR 204M (transient OBST on highway).				
	Slope 0.15% down to SW. RWY WID 18 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY07-	809(2654)(1.9)	894(2933)(2.2)	958(3143)(2.5)	1045(3428)(3.3)
RWY25-	824(2703)(2.2)	910(2986)(2.5)	1067(3501)(3.3)	1237(4058)(5.0)

BUNDABERG

RWY	(CN)	TORA	TODA	ASDA	LDA
07	(2)	1128 (3701)	1188 (3898) (3.35%)	1128 (3701)	1128 (3701)

RESA dimensions 60M X 60M commences from RWS end.

25	(2)	1128 (3701)	1188 (3898) (3.86%)	1128 (3701)	1128 (3701)

RESA dimensions 60M X 60M commences from RWS end.
Slope 0.2% down to NE. RWY WID 30 RWS WID 90

14	(3)	2000 (6562)	2090 (6857) (1.88%)	2000 (6562)	2000 (6562)

RESA dimensions 90M X 60M commences from RWS end.

32	(3)	2000 (6562)	2090 (6857) (4.95%)	2000 (6562)	2000 (6562)

RESA dimensions 90M X 60M commences from RWS end.
Fence obstructs TKOF SFC by up to 1.4M BTN 245347.25S 1521855.86E and 245344.94S 1521856.66E.
Slope Level. RWY WID 30 RWS WID 150 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY07- 869(2851)(1.6) 985(3232)(1.9) 1047(3435)(2.2) 1097(3599)(2.5) 1186(3891)(3.3)
RWY25- 945(3100)(2.2) 1039(3409)(2.5) 1150(3773)(3.3)
RWY14- 2002(6568)(1.6)
RWY32- 1744(5722)(1.6) 1877(6158)(1.9) 1951(6401)(2.2) 1981(6499)(2.5) 2035(6676)(3.3)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY14-	TKOF from TWY B;	RWY remaining 1706(5597)	reduce all DIST by 294(965)
RWY14-	TKOF from TWY C;	RWY remaining 1569(5148)	reduce all DIST by 431(1414)
RWY14-	TKOF from TWY D;	RWY remaining 1285(4216)	reduce all DIST by 715(2346)

BURKETOWN

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(3)	1372 (4501)	1432 (4698) (3.92%)	1372 (4501)	1372 (4501)

RESA dimensions 60M X 60M commences from RWY end.
1. Unlit OBST fence 7FT ABV and 15M NW of RWS end has not been taken into account in the calculation of TODA GRAD or STODA.
2. 3.33% OBST CLR APCH SFC LDG RWY 03 terminates at THR, not RWS end.

21	(3)	1372 (4501)	1432 (4698) (3.81%)	1372 (4501)	1372 (4501)

RESA dimensions 60M X 60M commences from RWY end.
1. Unlit OBST fence 4FT ABV and 0.2M SW of RWS end has not been taken into account in the calculation of TODA GRAD or STODA.
2. 3.33% OBST CLR APCH SFC LDG RWY 21 terminates at THR, not RWS end.
Slope 0.1% down to NE. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03- 951(3120)(1.6) 1119(3671)(1.9) 1236(4055)(2.2) 1322(4337)(2.5) 1419(4655)(3.3)
RWY21- 1192(3911)(1.6) 1258(4127)(1.9) 1306(4285)(2.2) 1342(4403)(2.5) 1408(4619)(3.3)

BUSSELTON

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(4)	2460 (8071)	2520 (8268) (1.9%)	2460 (8071)	2460 (8071)

RESA dimensions 90M X 240M commences from RWY end.

21	(4)	2460 (8071)	2520 (8268) (3.32%)	2460 (8071)	2460 (8071)

RESA dimensions 90M X 240M commences from RWY end.
Slope Level. RWY WID 45 RWS WID 280 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03- 2459(8067)(1.6) 2519(8264)(1.9)
RWY21- 2249(7379)(1.6) 2331(7648)(1.9) 2391(7844)(2.2) 2437(7995)(2.5) 2518(8261)(3.3)

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CAIRNS/CAIRNS INTL

RWY	(CN)	TORA	TODA	ASDA	LDA
15	(4)	3156 (10354)	3256 (10682) (7.56%)	3156 (10354)	3156 (10354)

RESA dimensions 90M X 90M commences from RWS end.
OBST unlit (fence) APRX BRG 150 MAG 3219.9M FM RWY 15 THR 16.75FT AMSL not part of TODA STODA gradients.

33	(4)	3196 (10485)	3256 (10682) (6.54%)	3196 (10485)	3156 (10354)

RESA dimensions 90M X 90M commences from RWS end.
RWS variation - RWY 15 (North end) is 300M, reduced to 180M at 1804M FM THR. RWY 33 (South end) is 180M, increased to 300M at 1352M FM THR. RWY 33 TKOF run commences 40M beyond RWY 33 THR.
Slope Level. RWY WID 45 RWS WID 300 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY15- 2860(9383)(1.6) 3005(9859)(1.9) 3050(10006)(2.2) 3085(10121)(2.5) 3146(10321)(3.3) 3215(10548)(5.0)
RWY33- 2566(8419)(1.6) 2854(9363)(1.9) 3064(10052)(2.2) 3163(10377)(2.5) 3211(10535)(3.3) 3250(10663)(5.0)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY15-	TKOF from TWY A2;	RWY remaining 1764(5787)	reduce all DIST by 1392(4567)
RWY15-	TKOF from TWY A3;	RWY remaining 1492(4895)	reduce all DIST by 1664(5459)
RWY15-	TKOF from TWY B2;	RWY remaining 2545(8350)	reduce all DIST by 611(2005)
RWY15-	TKOF from TWY B3;	RWY remaining 1771(5810)	reduce all DIST by 1385(4544)
RWY33-	TKOF from TWY A3;	RWY remaining 1685(5528)	reduce all DIST by 1511(4957)
RWY33-	TKOF from TWY A4;	RWY remaining 2181(7155)	reduce all DIST by 1015(3330)
RWY33-	TKOF from TWY B4;	RWY remaining 2181(7155)	reduce all DIST by 1015(3330)
RWY33-	TKOF from TWY B5;	RWY remaining 2584(8478)	reduce all DIST by 612(2008)

CAMDEN

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(2)	1464 (4803)	1524 (5000) (4.81%)	1464 (4803)	1464 (4803)
24	(2)	1464 (4803)	1524 (5000) (4.58%)	1464 (4803)	1157 (3796)

RWY 24 DTHR 307M.
Slope 0.2% down to SW. RWY WID 30 RWS WID 90

10	(1)	723 (2372)	753 (2470) (6.12%)	723 (2372)	723 (2372)
28	(1)	723 (2372)	753 (2470) (6.1%)	723 (2372)	723 (2372)

Slope 0.2% down to NW. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06- 1053(3455)(3.3)
RWY24- 850(2789)(2.5) 1206(3957)(3.3)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY24-	TKOF from TWY E;	RWY remaining 975(3199)	reduce all DIST by 489(1604)

CAMOOWEAL

RWY	(CN)	TORA	TODA	ASDA	LDA
13	(1)	1238 (4062)	1268 (4160) (4.66%)	1238 (4062)	1238 (4062)

RESA dimensions 60M X 60M commences from RWY end.

31	(1)	1238 (4062)	1268 (4160) (2.92%)	1238 (4062)	1238 (4062)

RESA dimensions 60M X 60M commences from RWY end.
Slope level. RWY WID 18 RWS WID 60

SUPPLEMENTARY TAKEOFF DISTANCES

RWY13- 1168(3832)(1.6) 1219(3999)(1.9) 1230(4035)(2.2) 1238(4062)(2.5) 1254(4114)(3.3)
RWY31- 1135(3724)(1.6) 1180(3871)(1.9) 1213(3980)(2.2) 1239(4065)(2.5)

CANBERRA

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(2)	1679 (5508)	1739 (5705) (4.92%)	1679 (5508)	1316 (4318)

RESA dimensions 60M X 90M commences from RWS end.
1. RWY 12 DTHR 363M.
2. OBST fence 10.5FT ABV and 19M SE of RWY strip end, and transient OBST 16.2FT ABV and 10M SE of RWY strip end are not taken into account in the calculation of TODA gradient and STODA.

30	(2)	1679 (5508)	1739 (5705) (5.02%)	1679 (5508)	1614 (5295)

RESA dimensions 60M X 60M commences from RWY end.
1. RWY 30 THR location determined by 5% APCH GRAD.
2. RWY 12/30 WID 30M Code 2C.
3. RWY 30 DTHR 65M.
Slope 0.7% down to NW. RWY WID 30 RWS WID 90

17	(4)	2983 (9787)	3073 (10082) (2.53%)	2983 (9787)	2983 (9787)

RESA dimensions 90M X 240M commences from RWS end.
1. RWY 17 THR location determined by 5.35% approach GRAD.
2. Critical OBST, terrain 2,890FT AMSL, located 1,016M R of RCL and 5,820M before THR.
3. CAUTION: Fence 10FT ABV and 50M S of RWS end and transient OBST up to 17.7FT ABV and 62M S of RWS end are not taken into account in calculation of TODA GRAD and STODA.
4. RWY 17 end 300M South TWY N.

35	(4)	3283 (10771)	3343 (10968) (4.53%)	3283 (10771)	2683 (8802)

RESA dimensions 90M X 240M commences from RWS end.
1. RWY 35 DTHR 300M (from RWY 17 end).
2. RWY 35 THR location determined by 3.3% APCH GRAD.
3. Critical OBST, terrain 2690FT, located 1300M R of RCL and 9800M before THR.
4. RWY 35 TORA starts at TWY P.
Slope 0.1% down to S. RWY WID 45 RWS WID 300 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY30-	974(3195)(2.2)	1261(4137)(2.5)	1629(5344)(3.3)	1738(5702)(5.0)
RWY17-	1766(5794)(1.9)	2978(9770)(2.2)	3066(10059)(2.5)	
RWY35-	1109(3638)(3.3)			

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY17-	TKOF from TWY D;	RWY remaining 1728(5669)	reduce all DIST by 1255(4117)
RWY17-	TKOF from TWY F;	RWY remaining 2420(7940)	reduce all DIST by 563(1847)
RWY35-	TKOF from TWY C;	RWY remaining 1955(6414)	reduce all DIST by 1328(4357)
RWY35-	TKOF from TWY G;	RWY remaining 1810(5938)	reduce all DIST by 1473(4833)
RWY35-	TKOF from TWY M;	RWY remaining 2116(6942)	reduce all DIST by 1167(3829)
RWY35-	TKOF from TWY N;	RWY remaining 2683(8802)	reduce all DIST by 600(1968)

CAPE PRESTON

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(3)	2000 (6562)	2060 (6758) (1.48%)	2000 (6562)	2000 (6562)

RESA dimensions 90M X 60M commences from RWS end.

26	(3)	2000 (6562)	2060 (6758) (1.69%)	2000 (6562)	2000 (6562)

RESA dimensions 90M X 60M commences from RWS end.
RWY 08/26 150M APCH SFC baseline.
Slope 0.02% down to W. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY26- 2033(6670)(1.6)

CARNARVON

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(3)	1619 (5312)	1679 (5508) (2.12%)	1619 (5312)	1619 (5312)

RESA dimensions 90M X 90M commences from RWS end.

RWY 04 has non-standard approach surface - inner edge of APCH SFC 40M from RWY end.

22	(3)	1619 (5312)	1679 (5508) (3.83%)	1619 (5312)	1619 (5312)

RESA dimensions 90M X 90M commences from RWS end.

RWY 04/22 APCH inner edge length 150M.

Slope 0.1% down to SW. RWY WID 30 RWS WID 150

18	(2)	1140 (3740)	1200 (3937) (2.29%)	1140 (3740)	1140 (3740)
36	(2)	1140 (3740)	1200 (3937) (3.99%)	1140 (3740)	1140 (3740)

TKOF GRAD 4.7%.

Slope 0.1% down to S. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 1353(4439)(1.6) 1563(5128)(1.9)
RWY22- 1182(3878)(1.6) 1313(4308)(1.9) 1410(4626)(2.2) 1485(4872)(2.5) 1619(5312)(3.3)
RWY18- 1083(3553)(1.6) 1184(3884)(1.9) 1197(3927)(2.2)
RWY36- 904(2966)(1.9) 1005(3297)(2.2) 1081(3547)(2.5) 1188(3898)(3.3)

CAROSUE DAM

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(3)	2000 (6562)	2060 (6758) (2.06%)	2000 (6562)	2000 (6562)

RESA dimensions 90M X 60M commences from RWS end.

24	(3)	2000 (6562)	2060 (6758) (2.29%)	2000 (6562)	2000 (6562)

RESA dimensions 90M X 60M commences from RWS end.

RWY 06/24 APCH inner edge length 150M.

Slope rises at 0.8% FM 06 THR and rises at 0.55% FM 24 THR. Highest point in centre of RWY. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06- 1979(6493)(1.6) 2037(6683)(1.9)
RWY24- 1940(6365)(1.6) 2001(6565)(1.9) 2047(6716)(2.2)

CARRAPATEENA

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(3)	1600 (5249)	1660 (5446) (1.2%)	1600 (5249)	1600 (5249)

RESA dimensions 90M X 60M commences from RWS end.

19	(3)	1600 (5249)	1660 (5446) (5%)	1600 (5249)	1600 (5249)

RESA dimensions 90M X 60M commences from RWS end.

1. RWY 01/19 APCH inner edge length 150M.

2. OBST (fence) 82M W and 0.5M ABV CWY TKOF RWY 19 not taken into account in calculation of TODA GRAD and STODA.

Slope Level. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY19- 1551(5089)(1.6) 1577(5174)(1.9) 1596(5236)(2.2) 1611(5285)(2.5) 1636(5367)(3.3)

CEDUNA

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(3)	1740 (5709)	1800 (5905) (1.87%)	1740 (5709)	1740 (5709)
	RESA dimensions 60M X 60M commences from RWY end.				
29	(3)	1740 (5709)	1800 (5905) (2.38%)	1740 (5709)	1740 (5709)
	RESA dimensions 60M X 60M commences from RWY end.				
	Slope 0.3% down to NW. RWY WID 30 RWS WID 150 Graded 90				
17	(2)	1014 (3327)	1074 (3524) (1.6%)	1014 (3327)	1014 (3327)
35	(2)	1014 (3327)	1074 (3524) (3%)	1014 (3327)	1014 (3327)
	Slope 0.1% down to S. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11- 1471(4826)(1.6)
RWY29- 1724(5656)(1.6) 1759(5771)(1.9) 1787(5863)(2.2)
RWY35- 878(2881)(1.6) 962(3156)(1.9) 1009(3310)(2.2) 1038(3405)(2.5)

CENTURY MINE

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(3)	1750 (5741)	1810 (5938) (3.7%)	1750 (5741)	1750 (5741)
	RESA dimensions 90M X 60M commences from RWS end.				
	APCH GRAD to THR 14 at NW end is 2.25% for 150M APCH inner edge WID with 15% diversion splays.				
32	(3)	1750 (5741)	1810 (5938) (2.28%)	1750 (5741)	1410 (4626)
	RESA dimensions 90M X 60M commences from RWS end.				
	1. RWY 32 DTHR 340M.				
	2. APCH GRAD to 340M DISP THR 32 at SE end is 3.28% for 150M APCH inner edge WID with 15% diversion splays.				
	Slope Level. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY14- 1479(4852)(3.3)
RWY32- 1712(5617)(1.6) 1770(5807)(1.9) 1807(5928)(2.2)

CESSNOCK

RWY	(CN)	TORA	TODA	ASDA	LDA
17	(2)	1097 (3599)	1157 (3796) (3.87%)	1097 (3599)	1097 (3599)
	RESA dimensions 60M X 90M commences from RWY end.				
35	(2)	1097 (3599)	1157 (3796) (4.34%)	1097 (3599)	1097 (3599)
	RESA dimensions 50M X 90M commences from RWY end.				
	Slope Level 0.4%. RWY WID 23 RWS WID 90 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY17- 822(2697)(2.5) 1075(3527)(3.3)
RWY35- 869(2851)(2.2) 948(3110)(2.5) 1097(3599)(3.3)

CHARLEVILLE

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(3)	1524 (5000)	1676 (5499) (3.41%)	1524 (5000)	1524 (5000)
	RESA dimensions 90M X 60M commences from RWS end.				
30	(3)	1524 (5000)	1676 (5499) (3.2%)	1524 (5000)	1524 (5000)
	RESA dimensions 90M X 60M commences from RWS end.				
	CAUTION: NW end RWY 30 unlit OBST fence 8FT ABV and 98M NE of RWS CL has not been taken into account in the calculation of TODA GRAD and STODA.				
	Slope 0.3% down to NW. RWY WID 30 RWS WID 150 Graded 90				
18	(2)	1067 (3501)	1127 (3697) (2.66%)	1067 (3501)	1067 (3501)
36	(2)	1067 (3501)	1127 (3697) (1.75%)	1067 (3501)	1067 (3501)
	Slope Level. RWY WID 23 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 1184(3884)(1.6) 1344(4409)(1.9) 1453(4767)(2.2) 1531(5023)(2.5) 1663(5456)(3.3)
RWY30- 1401(4596)(1.6) 1535(5036)(1.9) 1632(5354)(2.2) 1657(5436)(2.5)
RWY18- 828(2717)(1.6) 946(3104)(1.9) 1032(3386)(2.2) 1098(3602)(2.5)
RWY36- 1054(3458)(1.6)

CHARTERS TOWERS

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(1)	1005 (3297)	1065 (3494) (4.18%)	1005 (3297)	1005 (3297)
	RESA dimensions 90M X 60M commences from RWY end.				
19	(1)	1005 (3297)	1065 (3494) (2.66%)	1005 (3297)	1005 (3297)
	RESA dimensions 90M X 60M commences from RWY end.				
	RWY 01/19 survey inner edge 60M.				
	Slope Level. RWY WID 23 RWS WID 60				
06	(3)	1736 (5695)	1796 (5892) (3.6%)	1736 (5695)	1736 (5695)
	RESA dimensions 90M X 60M commences from RWY end.				
24	(3)	1736 (5695)	1796 (5892) (3.33%)	1736 (5695)	1736 (5695)
	RESA dimensions 90M X 60M commences from RWY end.				
	RWY 06/24 survey inner edge 180M.				
	Slope from point 420M FM SW end: 0.56% down to SW; 0.92% down to NE. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY01- 853(2799)(1.6) 897(2943)(1.9) 932(3058)(2.2) 960(3150)(2.5) 1020(3346)(3.3)
RWY19- 985(3232)(2.5)
RWY06- 1605(5266)(1.6) 1652(5420)(1.9) 1690(5545)(2.2) 1721(5646)(2.5) 1786(5860)(3.3)
RWY24- 1172(3845)(2.5)

CHILLAGOE

RWY	(CN)	TORA	TODA	ASDA	LDA
17	(1)	981 (3218)	1041 (3415) (5.7%)	981 (3218)	981 (3218)
	RESA dimensions 60M X 60M commences from RWY end.				
	Fence 30M S of RWS, 6FT ABV CWY not taken into account in calculation of TODA GRAD and STODA.				
35	(1)	981 (3218)	1041 (3415) (5.34%)	981 (3218)	981 (3218)
	RESA dimensions 60M X 60M commences from RWY end.				
	Slope 0.9% down to N. RWY WID 18 RWS WID 90 Graded 80				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY17- 951(3120)(3.3) 1024(3360)(5.0)
RWY35- 810(2657)(1.9) 850(2789)(2.2) 882(2894)(2.5) 948(3110)(3.3) 984(3228)(5.0)

CHINCHILLA

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(1)	593 (1946)	623 (2044) (5%)	593 (1946)	593 (1946)

RESA dimensions 60M X 60M commences from RWS end.

21	(1)	593 (1946)	623 (2044) (5.18%)	593 (1946)	593 (1946)

Slope NE end 0.2% down to SW, SW end 0.6% down to NE. RWY WID 18 RWS WID 60 Graded 60

14	(1)	1069 (3507)	1269 (4163) (3.45%)	1205 (3953)	1069 (3507)

RESA dimensions 60M X 90M commences from RWS end.

32	(1)	1069 (3507)	1265 (4150) (3.2%)	1205 (3953)	1069 (3507)

RESA dimensions 60M X 90M commences from RWS end.

Slope NW end 0.6% down to SE, SE end 0.2% down to NW. RWY WID 18 RWS WID 90 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY14- 814(2671)(1.6) 958(3143)(1.9) 1065(3494)(2.2) 1146(3760)(2.5) 1263(4144)(3.3)
RWY32- 869(2851)(1.9) 1004(3294)(2.2) 1105(3625)(2.5)

CHRISTMAS CREEK

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(4)	2500 (8202)	2560 (8399) (1.99%)	2500 (8202)	2500 (8202)

RESA dimensions 90M X 90M commences from RWY end.

27	(4)	2500 (8202)	2560 (8399) (1.85%)	2500 (8202)	2500 (8202)

RESA dimensions 90M X 90M commences from RWY end.

Slope 0.23% down to E. RWY WID 45 RWS WID 300 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 2461(8074)(1.6) 2539(8330)(1.9)
RWY27- 2553(8376)(1.6)

CHRISTMAS ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
18	(4)	2103 (6900)	2164 (7100) (1.6%)	2103 (6900)	2103 (6900)

RESA dimensions 90M X 90M commences from RWY end.

36	(4)	2103 (6900)	2164 (7100) (3.18%)	2103 (6900)	2103 (6900)

RESA dimensions 90M X 90M commences from RWY end.

APCH SFC based on 150M inner edge.

Slope 464M N end 1.0% down to S; centre 1100M 2% down to S; 539M S end 1.1% down to S. RWY WID 45 RWS WID 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY36- 1209(3966)(2.2) 1907(6256)(2.5)

CLERMONT

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(2)	1068 (3504)	1128 (3701) (4.47%)	1068 (3504)	1068 (3504)
19	(2)	1068 (3504)	1128 (3701) (4.04%)	1068 (3504)	1068 (3504)
	Slope 0.9% down to N. RWY WID 30 RWS WID 90				
15	(2)	1311 (4301)	1371 (4498) (2.98%)	1311 (4301)	1311 (4301)
	RESA dimensions 60M X 60M commences from RWY end.				
33	(2)	1311 (4301)	1371 (4498) (10.62%)	1311 (4301)	1311 (4301)
	RESA dimensions 60M X 60M commences from RWY end.				

1. RWY 15/33 TKOF SFC survey based on 150M inner edge WID splay to 15,000M.
2. 5FT high grass bank 60M W of THR 15 ignored in RWY 33 TKOF TODA gradient.

Slope overall 0.5% down to SE. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY01- 846(2776)(2.2) 914(2999)(2.5) 1048(3438)(3.3)
RWY19- 828(2717)(2.5) 1035(3396)(3.3)
RWY15- 1127(3697)(1.6) 1206(3957)(1.9) 1266(4153)(2.2) 1313(4308)(2.5)
RWY33- 837(2746)(1.6) 953(3127)(1.9) 1032(3386)(2.2) 1098(3602)(2.5) 1185(3888)(3.3) 1280(4199)(5.0)

CLEVE

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(2)	1350 (4429)	1410 (4626) (1.67%)	1350 (4429)	1350 (4429)
	RESA dimensions 60M X 60M commences from RWY end.				
26	(2)	1350 (4429)	1410 (4626) (3.8%)	1350 (4429)	1350 (4429)
	RESA dimensions 60M X 60M commences from RWY end.				
	Slope 0.9% down to E. RWY WID 18 RWS WID 90				
18	(1)	895 (2936)	925 (3035) (1.71%)	895 (2936)	895 (2936)
36	(1)	895 (2936)	925 (3035) (3.87%)	895 (2936)	895 (2936)
	Slope 1.1% down to S. RWY WID 18 RWS WID 60				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08- 1376(4514)(1.6)
RWY26- 856(2808)(2.2) 1004(3294)(2.5) 1313(4308)(3.3)
RWY18- 898(2946)(1.6)

CLONCURRY

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(3)	2000 (6562)	2069 (6788) (2.13%)	2000 (6562)	2000 (6562)
	RESA dimensions 60M X 30M commences from RWY end.				
30	(3)	2000 (6562)	2060 (6758) (3.74%)	2000 (6562)	2000 (6562)
	RESA dimensions 60M X 30M commences from RWY end.				
	Slope 0.1% down to NW. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 1962(6437)(1.6) 2025(6644)(1.9)
RWY30- 1508(4947)(1.6) 1806(5925)(1.9) 1876(6155)(2.2) 1930(6332)(2.5) 2025(6644)(3.3)

COBAR

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(3)	1696 (5564)	1756 (5761) (7.95%)	1696 (5564)	1607 (5272)
	RESA dimensions 120M X 30M commences from RWY end.				
	RWY 05 DTHR 89M.				
23	(3)	1696 (5564)	1756 (5761) (3.51%)	1696 (5564)	1607 (5272)
	RESA dimensions 120M X 30M commences from RWY end.				
	RWY 23 DTHR 89M.				
	Slope 0.4% down to SW. RWY WID 30 RWS WID 150 Graded 90				
17	(2)	899 (2949)	959 (3146) (5.19%)	899 (2949)	899 (2949)
	RESA dimensions 60M X 23M commences from RWY end.				
35	(2)	899 (2949)	959 (3146) (1.66%)	899 (2949)	899 (2949)
	RESA dimensions 60M X 23M commences from RWY end.				
	Slope 0.1% down to N. RWY WID 23 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05-	1212(3976)(1.6)	1372(4501)(1.9)	1479(4852)(2.2)	1538(5046)(2.5)	1625(5331)(3.3)
	1705(5594)(5.0)				
RWY23-	1683(5522)(1.6)	1701(5581)(1.9)	1718(5636)(2.2)	1730(5676)(2.5)	1752(5748)(3.3)
RWY17-	893(2930)(3.3)	955(3133)(5.0)			
RWY35-	933(3061)(1.6)				

COCOS (KEELING) ISLANDS

RWY	(CN)	TORA	TODA	ASDA	LDA
15	(4)	2441 (8008)	2501 (8205) (3.23%)	2441 (8008)	2441 (8008)
	RESA dimensions 240M X 90M commences from RWS end.				
33	(4)	2441 (8008)	2502 (8209) (1.87%)	2441 (8008)	2441 (8008)
	RESA dimensions 240M X 90M commences from RWS end.				
	1. Transitional surfaces infringed.				
	2. APCH SFC based on 150M inner edge.				
	Slope Level. RWY WID 45 RWS WID 150 Graded 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY15-	2282(7487)(1.6)	2418(7933)(1.9)	2452(8045)(2.2)	2471(8107)(2.5)
RWY33-	2329(7641)(1.6)			

COEN

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(2)	1389 (4557)	1449 (4754) (2.94%)	1389 (4557)	1389 (4557)
	RESA dimensions 60M X 90M commences from RWS end.				
29	(2)	1389 (4557)	1449 (4754) (2.06%)	1389 (4557)	1389 (4557)
	RESA dimensions 60M X 90M commences from RWS end.				
	Slope 0.29% down to W. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11-	963(3159)(1.6)	1190(3904)(1.9)	1299(4262)(2.2)	1377(4518)(2.5)
RWY29-	1317(4321)(1.6)	1407(4616)(1.9)		

COFFS HARBOUR

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(4)	2080 (6824)	2140 (7021) (3.1%)	2080 (6824)	2080 (6824)
	RESA dimensions 130M X 90M commences from RWS end.				
21	(4)	2080 (6824)	2140 (7021) (2.81%)	2080 (6824)	2080 (6824)
	RESA dimensions 127M X 90M commences from RWS end.				
	Slope 0.1% down to SW. RWY WID 45 RWS WID 150				
10	(1)	851 (2792)	881 (2890) (3.94%)	851 (2792)	726 (2382)
	RWY 10 DTHR 125M.				
28	(1)	851 (2792)	881 (2890) (7.69%)	851 (2792)	851 (2792)
	Slope 0.3% down to W. RWY WID 18 RWS WID 80				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03-	862(2828)(1.9)	1329(4360)(2.2)	1668(5472)(2.5)	
RWY21-	1351(4432)(1.6)	1659(5443)(1.9)	1899(6230)(2.2)	2047(6716)(2.5)
RWY10-	829(2720)(3.3)			
RWY28-	807(2648)(5.0)			

CONDOBOLIN

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(3)	1372 (4501)	1462 (4797) (4.21%)	1372 (4501)	1372 (4501)
	RESA dimensions 90M X 90M commences from RWY end.				
19	(3)	1372 (4501)	1552 (5092) (2.13%)	1372 (4501)	1372 (4501)
	RESA dimensions 180M X 90M commences from RWY end.				
	Unlit OBST fence 1.0FT ABV RWS end PARL to RWY, 85M W of RCL end is not included in the calculation of TODA GRAD and STODA.				
	Slope 430M end level, 0.9% down to S, 150M S end level. RWY WID 30 RWS WID 150 Graded 90				
10	(2)	1203 (3947)	1263 (4144) (2.42%)	1203 (3947)	1203 (3947)
	RESA dimensions 60M X 90M commences from RWY end.				
28	(2)	1203 (3947)	1263 (4144) (2.99%)	1203 (3947)	1203 (3947)
	RESA dimensions 60M X 90M commences from RWY end.				
	Slope 0.2% centre down to both ends. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY01-	929(3048)(1.9)	1077(3533)(2.2)	1177(3862)(2.5)	1354(4442)(3.3)
RWY19-	1432(4698)(1.6)	1508(4947)(1.9)		
RWY10-	1047(3435)(1.6)	1138(3734)(1.9)	1223(4012)(2.2)	
RWY28-	910(2986)(1.6)	1032(3386)(1.9)	1113(3652)(2.2)	1174(3852)(2.5)

COOBER PEDY

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(3)	1428 (4685)	1680 (5512) (1.96%)	1608 (5276)	1428 (4685)
	RESA dimensions 90M X 60M commences from RWS end.				
22	(3)	1428 (4685)	1680 (5512) (1.2%)	1608 (5276)	1428 (4685)
	RESA dimensions 90M X 60M commences from RWS end.				
	RWY 04/22 ASDA 1613(5292) AVBL HJ.				
	Slope 0.24% down to SW. RWY WID 30 RWS WID 150 Graded 90				
14	(2)	829 (2720)	889 (2917) (2.05%)	829 (2720)	829 (2720)
	RESA dimensions 60M X 60M commences from RWS end.				
32	(2)	829 (2720)	889 (2917) (2.48%)	829 (2720)	829 (2720)
	RESA dimensions 60M X 60M commences from RWS end.				
	Slope 0.24% down to NW and 0.2% down to SE. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04-	1649(5410)(1.6)	1676(5499)(1.9)	
RWY14-	858(2815)(1.6)	880(2887)(1.9)	
RWY32-	859(2818)(1.6)	872(2861)(1.9)	882(2894)(2.2)

COOKTOWN

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(3)	1627 (5338)	1687 (5535) (3.85%)	1627 (5338)	1567 (5141)

RESA dimensions 90M X 90M commences from RWS end.

29	(3)	1567 (5141)	1627 (5338) (3.39%)	1567 (5141)	1567 (5141)

RESA dimensions 90M X 90M commences from RWY end.

OBST fence 5.3FT ABV, 45M left of CL, 13M from RWS not taken into account in calculation of TODA GRAD and STODA. RWY reference code based on 150M approach and TKOF inner edge WID.

Slope 0.2% down to E. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11- 1104(3622)(1.9) 1254(4114)(2.2) 1371(4498)(2.5) 1595(5233)(3.3)
RWY29- 1056(3465)(1.9) 1248(4094)(2.2) 1382(4534)(2.5) 1615(5298)(3.3)

COOMA - SNOWY MOUNTAINS

RWY	(CN)	TORA	TODA	ASDA	LDA
18	(3)	2120 (6955)	2180 (7152) (1.4%)	2120 (6955)	1910 (6266)

RESA dimensions 90M X 90M commences from RWY end.

36	(3)	2120 (6955)	2180 (7152) (3.92%)	2120 (6955)	2120 (6955)

RESA dimensions 90M X 90M commences from RWY end.

1. RWY 18 DTHR 210M.

2. Caution: Fence 8.8FT ABV and 2M N of RWS end, and transient OBST up to 21.1FT ABV and 15M N of RWS end are not taken into account in determining TODA GRAD and STODA.

3. RWY 18/36 APCH inner edge length 150M.

Slope 0.5% down to N. RWY WID 30 RWS WID 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY36- 979(3212)(1.9) 1347(4419)(2.2) 1648(5407)(2.5) 2158(7080)(3.3)

COONABARABRAN

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(1)	649 (2129)	709 (2326) (2.34%)	649 (2129)	649 (2129)

RESA dimensions 60M X 150M commences from RWS end.

19	(1)	649 (2129)	709 (2326) (1.2%)	649 (2129)	649 (2129)

RESA dimensions 60M X 90M commences from RWY end.

Slope 0.2% DOWN to S. RWY WID 60 RWS WID 90 Graded 60

11	(3)	1520 (4987)	1671 (5482) (3.45%)	1611 (5285)	1520 (4987)

RESA dimensions 90M X 90M commences from RWY end.

29	(3)	1520 (4987)	1610 (5282) (3.76%)	1520 (4987)	1520 (4987)

RESA dimensions 90M X 90M commences from SWY end.

1. CAUTION: OBST fences 6FT high and PARL to RWY, 73M N and S of RCL are not taken into account in the calculation of TODA GRAD and STODA.

Slope 0.2% down to E for W 600(1969) 0.3% down to W for remainder. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11- 1647(5403)(1.6) 1654(5426)(1.9) 1659(5443)(2.2) 1663(5456)(2.5) 1670(5479)(3.3)
RWY29- 1035(3396)(1.9) 1452(4764)(2.2) 1501(4924)(2.5) 1583(5194)(3.3)

COONAMBLE

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(3)	1527 (5010)	1587 (5207) (7.42%)	1527 (5010)	1527 (5010)

RESA dimensions 90M X 60M commences from RWS end.
Unlit OBST fence 5.2FT ABV RWS, PARL and 92M SE of RCL is not taken into account when determining TODA GRAD and STODA.

23	(3)	1527 (5010)	1587 (5207) (2.38%)	1527 (5010)	1527 (5010)

RESA dimensions 90M X 60M commences from RWS end.
1. Transitional SFC infringed by line of trees 23FT AGL APRX 90M FM RCL each side of RWY.
2. CAUTION: Unlit OBST fence 3.1FT ABV RWS, PARL and 84M NW of RCL is not taken into account in determining TODA GRAD and STODA.
Slope Level. RWY WID 30 RWS WID 150 Graded 90

12	(1)	580 (1903)	640 (2100) (3.55%)	580 (1903)	580 (1903)
30	(1)	580 (1903)	640 (2100) (2.6%)	580 (1903)	580 (1903)

Slope 0.2% down to NW. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05- 821(2694)(1.6) 999(3278)(1.9) 1115(3658)(2.2) 1198(3930)(2.5) 1343(4406)(3.3) 1494(4902)(5.0)
RWY23- 1111(3645)(1.6) 1343(4406)(1.9) 1509(4951)(2.2)

COONDEWANNA

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(3)	1950 (6398)	2080 (6824) (2.69%)	1950 (6398)	1800 (5905)

RESA dimensions 90M X 60M commences from RWY end.

26	(3)	1930 (6332)	2080 (6824) (2.25%)	1930 (6332)	1800 (5905)

RESA dimensions 90M X 60M commences from RWY end.
1. RWY 08/26 TORA, TODA & ASDA begin at RWS end.
2. RWY 08/26 APCH inner edge length 150M.
Slope 0.77% down to W. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08- 1553(5095)(1.6) 1800(5905)(1.9) 1943(6375)(2.2) 2036(6680)(2.5)
RWY26- 2053(6735)(1.6) 2067(6781)(1.9) 2078(6818)(2.2)

COOTAMUNDRA

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(1)	855 (2805)	915 (3002) (4.28%)	855 (2805)	855 (2805)
28	(1)	855 (2805)	915 (3002) (3.32%)	855 (2805)	855 (2805)

Slope 0.5% down to W. RWY WID 30 RWS WID 90

16	(2)	1406 (4613)	1466 (4810) (12.37%)	1406 (4613)	1406 (4613)
34	(2)	1406 (4613)	1466 (4810) (2.91%)	1406 (4613)	1126 (3694)

RWY 34 PERM DTHR 280M indicated by 6 green inset lights.
Slope Level. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY28- 912(2992)(3.3)
RWY16- 811(2661)(1.9) 943(3094)(2.2) 1043(3422)(2.5) 1182(3878)(3.3) 1323(4340)(5.0)
RWY34- 820(2690)(1.6) 1093(3586)(1.9) 1309(4295)(2.2) 1455(4774)(2.5)

COROWA

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(2)	1528 (5013)	1588 (5210) (2.04%)	1528 (5013)	1528 (5013)
	Side TNS infringed by isolated trees.				
23	(2)	1528 (5013)	1588 (5210) (3.41%)	1528 (5013)	1528 (5013)
	Slope Level. RWY WID 23 RWS WID 150				
14	(1)	1282 (4206)	1342 (4403) (1.88%)	1282 (4206)	1282 (4206)
	RWY 14 W side transitional surface infringed by isolated trees.				
32	(1)	1282 (4206)	1342 (4403) (3.09%)	1282 (4206)	1282 (4206)
	Slope Level. RWY WID 18 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05- 1240(4068)(1.6) 1498(4915)(1.9)
RWY23- 844(2769)(1.6) 1072(3517)(1.9) 1238(4062)(2.2) 1366(4482)(2.5) 1569(5148)(3.3)
RWY14- 1145(3757)(1.6)
RWY32- 933(3061)(1.9) 1082(3550)(2.2) 1190(3904)(2.5)

CORRYONG

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(2)	1401 (4596)	1461 (4793) (1.93%)	1401 (4596)	1324 (4344)
	RESA dimensions 60M X 60M commences from RWY end.				
	1. LDG RWY 06 - Unlit OBST fence 2.8FT ABV and 23M W of RWS end.				
	2. Transient OBST 12FT ABV and 48M E of RWS end has not been taken into account in the calculation of TODA GRAD and STODA.				
	3. RWY 06 DTHR 77M.				
24	(2)	1401 (4596)	1461 (4793) (2.92%)	1401 (4596)	1314 (4311)
	RESA dimensions 60M X 60M commences from RWY end.				
	1. CAUTION: OBST fence 2.8FT ABV and 23M SW of RWS end has not been taken into account in the calculation of the TODA GRAD and STODA.				
	2. Transient OBST 14FT ABV and 45M W of RWS end has not been taken into account in the calculation of TODA GRAD and STODA.				
	3. RWY 24 DTHR 87M.				
	Slope 0.3% down to NE. RWY WID 30 RWS WID 90 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06- 1359(4459)(1.6) 1452(4764)(1.9)
RWY24- 991(3251)(2.2) 1221(4006)(2.5)

COWRA

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(1)	1166 (3825)	1226 (4022) (3.27%)	1166 (3825)	1166 (3825)
	Fence 6.7FT ABV and 31M NE of RWS end not taken into account in the calculation of TODA, GRAD and STODA.				
21	(1)	1166 (3825)	1226 (4022) (2.54%)	1166 (3825)	1166 (3825)
	Slope 0.3% down to SW. RWY WID 30 RWS WID 80				
15	(3)	1630 (5348)	1706 (5597) (5.33%)	1630 (5348)	1630 (5348)
	RESA dimensions 90M X 60M commences from RWY end.				
	OBST fence 2.0FT ABV and PARL to RWY, 59M W of RCL not taken into account in calculation of TODA GRAD and STODA.				
33	(3)	1630 (5348)	1720 (5643) (4.49%)	1630 (5348)	1630 (5348)
	RESA dimensions 90M X 60M commences from RWY end.				
	Fence 2.4FT ABV and at RWS end not taken into account in the calculation of TODA, GRAD and STODA.				
	Slope 0.1% down to NW. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03- 817(2680)(1.9) 966(3169)(2.2) 1075(3527)(2.5)
RWY21- 945(3100)(1.9) 1099(3606)(2.2) 1214(3983)(2.5)
RWY15- 993(3258)(2.2) 1218(3996)(2.5) 1610(5282)(3.3) 1697(5568)(5.0)
RWY33- 1313(4308)(1.6) 1413(4636)(1.9) 1487(4879)(2.2) 1543(5062)(2.5) 1637(5371)(3.3)

CROKER ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
13	(2)	1433 (4701)	1496 (4908) (1.65%)	1433 (4701)	1433 (4701)
31	(2)	1433 (4701)	1496 (4908) (3.63%)	1433 (4701)	1433 (4701)
	Slope 0.8% down to each end from 600M (1970) from SE end. RWY WID 23 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY13- 1474(4836)(1.6)
RWY31- 858(2815)(1.6) 1104(3622)(1.9) 1243(4078)(2.2) 1332(4370)(2.5) 1463(4800)(3.3)

CUE

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(3)	1980 (6496)	2040 (6693) (2.05%)	1980 (6496)	1980 (6496)
	RESA dimensions 90M X 60M commences from RWS end.				
22	(3)	1980 (6496)	2040 (6693) (1.2%)	1980 (6496)	1980 (6496)
	RESA dimensions 90M X 60M commences from RWS end.				
	APCH RWY survey areas - RWY 04/22 APCH inner edge 150M.				
	Slope 0.41% down to SW. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 1953(6407)(1.6) 2017(6617)(1.9)

CUNDERDIN

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(3)	1841 (6040)	1901 (6237) (2.55%)	1841 (6040)	1841 (6040)
	RESA dimensions 285M X 45M commences from RWY end.				
23	(3)	1841 (6040)	1901 (6237) (2.64%)	1841 (6040)	1841 (6040)
	RESA dimensions 60M X 45M commences from RWY end.				
	Slope 0.25% down to SW. RWY WID 30 RWS WID 90				
14	(3)	1509 (4951)	1569 (5148) (1.72%)	1509 (4951)	1509 (4951)
	RESA dimensions 60M X 45M commences from RWY end.				
	1. OBST FENCE 4FT AGL 6M SE FM RWS END GRAD 20%				
32	(3)	1509 (4951)	1569 (5148) (1.6%)	1509 (4951)	1509 (4951)
	RESA dimensions 60M X 45M commences from RWY end.				
	Slope 0.16% down to SE. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05- 1458(4783)(1.6) 1653(5423)(1.9) 1789(5869)(2.2) 1888(6194)(2.5)
RWY23- 1790(5873)(1.6) 1833(6014)(1.9) 1866(6122)(2.2) 1891(6204)(2.5)
RWY14- 1376(4514)(1.6)

CUNNAMULLA

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(2)	914 (2999)	974 (3195) (1.6%)	914 (2999)	914 (2999)
	RESA dimensions 60M X 90M commences from RWY end.				
24	(2)	914 (2999)	974 (3195) (1.6%)	914 (2999)	914 (2999)
	RESA dimensions 130M X 90M commences from RWY end.				
	Slope Level. RWY WID 18 RWS WID 90				
12	(3)	1733 (5686)	1793 (5882) (1.86%)	1733 (5686)	1733 (5686)
	RESA dimensions 60M X 90M commences from RWY end.				
30	(3)	1733 (5686)	1793 (5882) (3.73%)	1733 (5686)	1733 (5686)
	RESA dimensions 60M X 90M commences from RWY end.				
	Slope 0.1% down to SE. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 1775(5823)(1.6)
RWY30- 1632(5354)(1.6) 1691(5548)(1.9) 1734(5689)(2.2) 1765(5791)(2.5) 1786(5860)(3.3)

CURTIN

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(MIL)	3049 (10003)	3354 (11004) (1.92%)	3049 (10003)	3049 (10003)
29	(MIL)	3049 (10003)	3354 (11004) (1%)	3049 (10003)	3049 (10003)
	TKOF/Climb SFC inner edge WID 180M.				
	Slope 0.46% Down to W. RWY WID 45 RWS WID 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11- 3245(10646)(1.6) 3349(10987)(1.9)

DALGARANGA MINE

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(3)	1600 (5249)	1660 (5446) (2.02%)	1600 (5249)	1600 (5249)

RESA dimensions 60M X 60M commences from RWS end.

RWY	(CN)	TORA	TODA	ASDA	LDA
29	(3)	1600 (5249)	1660 (5446) (1.85%)	1600 (5249)	1600 (5249)

RESA dimensions 60M X 60M commences from RWS end.

Surveys are conducted using 90M baseline.

Slope 0.184% down to NW. RWY WID 30 RWS WID 90 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11- 1631(5351)(1.6) 1653(5423)(1.9)
RWY29- 1626(5335)(1.6)

DARWIN

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(4)	3354 (11004)	3444 (11299) (2.22%)	3354 (11004)	3354 (11004)

RESA dimensions 234M X 150M commences from RWS end.

RWY	(CN)	TORA	TODA	ASDA	LDA
29	(4)	3354 (11004)	3444 (11299) (1.2%)	3354 (11004)	3354 (11004)

RESA dimensions 240M X 150M commences from RWS end.

1. RWY 11/29 OBST surveys conducted using 300M inner edge WID.

2. RWY 11/29 Hook Cable maintenance conducted on regular basis. REF NOTAM for reduced OPR LEN details DRG periods of cable MAINT.

3. RWY 29 APCH and TNS infringed by trees up to 18FT.

Slope 0.2% down to SE. RWY WID 45 RWS WID 300 Graded 150

RWY	(CN)	TORA	TODA	ASDA	LDA
18	(2)	1524 (5000)	1584 (5197) (2.01%)	1524 (5000)	1524 (5000)

RESA dimensions 90M X 90M commences from RWS end.

RWY	(CN)	TORA	TODA	ASDA	LDA
36	(2)	1524 (5000)	1584 (5197) (1.45%)	1524 (5000)	1524 (5000)

RESA dimensions 120M X 90M commences from RWS end.

1. RWY 36 APCH TNS E and W side infringed by trees up to 7FT.

Slope 0.3% down to S. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11- 3088(10131)(1.6) 3310(10859)(1.9) 3441(11289)(2.2)
RWY18- 1516(4974)(1.6) 1565(5134)(1.9)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY11-	TKOF from TWY B1;	RWY remaining 2238(7342)	reduce all DIST by 1116(3661)
RWY11-	TKOF from TWY B2;	RWY remaining 2238(7342)	reduce all DIST by 1116(3661)
RWY11-	TKOF from TWY C3;	RWY remaining 2882(9455)	reduce all DIST by 472(1549)
RWY11-	TKOF from TWY C4;	RWY remaining 2897(9504)	reduce all DIST by 457(1499)
RWY11-	TKOF from TWY E1;	RWY remaining 1690(5545)	reduce all DIST by 1664(5459)
RWY11-	TKOF from TWY E2;	RWY remaining 1690(5545)	reduce all DIST by 1664(5459)
RWY29-	TKOF from TWY D;	RWY remaining 2236(7336)	reduce all DIST by 1118(3668)
RWY29-	TKOF from TWY E1;	RWY remaining 1687(5535)	reduce all DIST by 1667(5469)
RWY29-	TKOF from TWY E2;	RWY remaining 1687(5535)	reduce all DIST by 1667(5469)

LAHSO DISTANCES

LDA for LAHSO
RWY 29 - 2642(8668)
RWY 36 - 1096(3596)

DEGRUSSA

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(3)	1920 (6299)	1980 (6496) (1.71%)	1920 (6299)	1920 (6299)
	RESA dimensions 90M X 90M commences from RWS end.				
27	(3)	1920 (6299)	1980 (6496) (3%)	1920 (6299)	1920 (6299)
	RESA dimensions 90M X 90M commences from RWS end.				
	Slope 0.22% down to W. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 1937(6355)(1.6)
RWY27- 1909(6263)(1.6) 1932(6339)(1.9) 1949(6394)(2.2) 1963(6440)(2.5)

DENILIQUIN

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(3)	1219 (3999)	1369 (4491) (3.07%)	1279 (4196)	1219 (3999)
	RESA dimensions 150M X 60M commences from RWY end.				
24	(3)	1219 (3999)	1369 (4491) (3.39%)	1279 (4196)	1219 (3999)
	RESA dimensions 150M X 60M commences from RWY end.				
	Slope 0.2% down to NE. RWY WID 30 RWS WID 150 Graded 90				
12	(1)	1487 (4879)	1547 (5075) (3.46%)	1487 (4879)	1487 (4879)
30	(1)	1487 (4879)	1547 (5075) (2.71%)	1487 (4879)	1487 (4879)
	Slope 0.1% down to NW. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06- 1156(3793)(1.6) 1223(4012)(1.9) 1275(4183)(2.2) 1315(4314)(2.5)
RWY24- 906(2972)(1.6) 1045(3428)(1.9) 1146(3760)(2.2) 1223(4012)(2.5) 1356(4449)(3.3)
RWY12- 1272(4173)(1.6) 1349(4426)(1.9) 1407(4616)(2.2) 1452(4764)(2.5) 1532(5026)(3.3)
RWY30- 1441(4728)(1.6) 1474(4836)(1.9) 1503(4931)(2.2) 1528(5013)(2.5)

DERBY

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(1)	1158 (3799)	1218 (3996) (2.06%)	1158 (3799)	1158 (3799)
23	(1)	1158 (3799)	1218 (3996) (2.85%)	1158 (3799)	1158 (3799)
	Fence 3FT ABV and 1270M FM SOT, across RCL has been taken into account in calculation of TODA GRAD and STODA				
	Slope 0.1% down to SW. RWY WID 18 RWS WID 90				
11	(3)	1736 (5695)	1826 (5991) (3.45%)	1736 (5695)	1736 (5695)
	RESA dimensions 90M X 60M commences from RWY end.				
	RWY 11 fences not taken into calculation of TODA GRAD and STODA.				
29	(3)	1736 (5695)	1796 (5892) (2.25%)	1736 (5695)	1736 (5695)
	RESA dimensions 90M X 60M commences from RWY end.				
	1. Fence 1826M FM SOT and 78M L and R of CL 5FT ABV end of TODA.				
	2. Fence 1885M FM SOT and on extended CL 6FT ABV end of TODA.				
	3. RWY 11/29 APCH inner edge length 150M. TKOF inner edge length 180M.				
	Slope 0.1% down to W. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05- 994(3261)(1.6) 1153(3783)(1.9)
RWY23- 1178(3865)(1.6) 1192(3911)(1.9) 1202(3944)(2.2) 1210(3970)(2.5)
RWY11- 1368(4488)(1.6) 1506(4941)(1.9) 1605(5266)(2.2) 1679(5508)(2.5) 1808(5932)(3.3)
RWY29- 1783(5850)(1.6) 1790(5873)(1.9) 1795(5889)(2.2)

DEVONPORT

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(4)	1838 (6030)	1898 (6227) (2.28%)	1838 (6030)	1838 (6030)
	RESA dimensions 90M X 60M commences from RWY end.				
	Fence 3.1FT ABV and 29.6M E of RWS end not taken into account in the calculation of TODA GRAD and STODA.				
24	(4)	1838 (6030)	1898 (6227) (2.52%)	1838 (6030)	1838 (6030)
	RESA dimensions 90M X 60M commences from RWY end.				
	Slope 0.1% down to W. RWY WID 45 RWS WID 300				
14	(2)	880 (2887)	940 (3084) (3.96%)	880 (2887)	880 (2887)
32	(2)	880 (2887)	940 (3084) (2.67%)	880 (2887)	880 (2887)
	Slope 0.6% down to NW. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06- 1206(3957)(1.9) 1782(5846)(2.2)
RWY24- 1179(3868)(1.9) 1563(5128)(2.2) 1888(6194)(2.5)
RWY32- 827(2713)(1.6) 864(2835)(1.9) 897(2943)(2.2) 927(3041)(2.5)

DIRRANBANDI

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(2)	1217 (3993)	1277 (4190) (3.52%)	1217 (3993)	1217 (3993)
19	(2)	1217 (3993)	1277 (4190) (4.3%)	1217 (3993)	1217 (3993)
	CAUTION: Lit Telstra tower 1,233M FM RWY 01 SOT, 040DEG MAG, infringes inner HZS by 7M.				
	Slope 0.1% down to S. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY01- 888(2913)(1.9) 1065(3494)(2.2) 1197(3927)(2.5) 1271(4170)(3.3)
RWY19- 1152(3779)(1.6) 1182(3878)(1.9) 1205(3953)(2.2) 1223(4012)(2.5) 1254(4114)(3.3)

DJARINDJIN/LOMBADINA

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(1)	1200 (3937)	1260 (4134) (3.8%)	1200 (3937)	1200 (3937)
	RESA dimensions 90M X 90M commences from RWY end.				
28	(1)	1200 (3937)	1260 (4134) (3.89%)	1200 (3937)	1200 (3937)
	RESA dimensions 90M X 90M commences from RWY end.				
	TNS infringed by trees both ends.				
	Slope 0.58% down to W. RWY WID 18 RWS WID 80 Graded 45				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY10- 923(3028)(1.6) 1021(3350)(1.9) 1100(3609)(2.2) 1131(3711)(2.5) 1196(3924)(3.3)
RWY28- 813(2667)(1.6) 936(3071)(1.9) 1021(3350)(2.2) 1088(3570)(2.5) 1204(3950)(3.3)

DONALD

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(1)	1166 (3825)	1226 (4022) (2.67%)	1166 (3825)	1166 (3825)
27	(1)	1166 (3825)	1226 (4022) (3.02%)	1166 (3825)	1166 (3825)
	Slope 0.6% down to W. RWY WID 18 RWS WID 90				
18	(1)	788 (2585)	848 (2782) (3.45%)	788 (2585)	788 (2585)
36	(1)	788 (2585)	848 (2782) (1.2%)	788 (2585)	788 (2585)
	Slope 0.7%. 200M down to S; 0.5%. 588M down to N. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 877(2877)(2.2) 1151(3776)(2.5)
RWY27- 805(2641)(1.6) 939(3081)(1.9) 1061(3481)(2.2) 1147(3763)(2.5)
RWY18- 839(2753)(3.3)

DOOMADGEE

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(3)	1656 (5433)	1716 (5630) (3.9%)	1656 (5433)	1656 (5433)

RESA dimensions 90M X 60M commences from RWS end.

RWY	(CN)	TORA	TODA	ASDA	LDA
30	(3)	1656 (5433)	1716 (5630) (3.03%)	1656 (5433)	1656 (5433)

RESA dimensions 90M X 60M commences from RWS end.

1. Unlit OBST fence 5FT ABV RWS, 80M NE and 69M S of RWY CL has not been taken into account in the calculation of TODA GRAD and STODA.

2. Surveyed to a 150M inner edge.

Slope 0.1% down to SE. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 1202(3944)(1.6) 1359(4459)(1.9) 1473(4833)(2.2) 1522(4993)(2.5) 1582(5190)(3.3)
RWY30- 1348(4423)(1.6) 1477(4846)(1.9) 1563(5128)(2.2) 1631(5351)(2.5)

DUBBO

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(3)	1708 (5604)	1768 (5800) (1.59%)	1708 (5604)	1708 (5604)

RESA dimensions 60M X 45M commences from RWS end.

RWY	(CN)	TORA	TODA	ASDA	LDA
23	(3)	1708 (5604)	1768 (5800) (2.71%)	1708 (5604)	1708 (5604)

RESA dimensions 60M X 45M commences from RWS end.

Transient OBST up to 20.5FT ABV 199M SW of RWS end and fence 13.3FT ABV 186M SW of RWS end, not taken into account in the calculation of TODA GRAD and STODA.

Slope 0.6% down to NE. Sealed blast areas 60 X 45 at RWY ends. RWY WID 45 RWS WID 150

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(2)	1067 (3501)	1127 (3697) (2.56%)	1067 (3501)	1067 (3501)

RESA dimensions 60M X 18M commences from RWS end.

OBST: Fence 13FT ABV and up to 103M E of RWS end, not taken into account in the calculation of TODA GRAD and STODA.

RWY	(CN)	TORA	TODA	ASDA	LDA
29	(2)	1067 (3501)	1127 (3697) (2.77%)	1067 (3501)	1067 (3501)

RESA dimensions 60M X 18M commences from RWS end.

Slope 0.5% down to W. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY23- 1190(3904)(1.9) 1492(4895)(2.2) 1677(5502)(2.5)
RWY11- 970(3182)(2.2) 1108(3635)(2.5)
RWY29- 812(2664)(1.6) 922(3025)(1.9) 1004(3294)(2.2) 1075(3527)(2.5)

DUKETON GOLD

RWY	(CN)	TORA	TODA	ASDA	LDA
18	(3)	2000 (6562)	2060 (6758) (1.84%)	2000 (6562)	2000 (6562)

RESA dimensions 90M X 60M commences from RWY end.

RWY	(CN)	TORA	TODA	ASDA	LDA
36	(3)	2000 (6562)	2060 (6758) (1.85%)	2000 (6562)	2000 (6562)

RESA dimensions 90M X 60M commences from RWY end.

APCH RWY survey areas - RWY 18/36 APCH inner edge 150M.

Slope 0.33% down to the N. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY18- 1987(6519)(1.6)
RWY36- 2026(6647)(1.6)

EAST JAURDI

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(3)	1900 (6234)	1960 (6430) (2.7%)	1900 (6234)	1900 (6234)
	RESA dimensions 90M X 60M commences from RWS end.				
26	(3)	1900 (6234)	1960 (6430) (2.57%)	1900 (6234)	1900 (6234)
	RESA dimensions 90M X 60M commences from RWS end.				
	RWY 08/26 APCH inner edge length 150M.				
	Slope 0.79% down to E. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08- 1853(6079)(1.6) 1891(6204)(1.9) 1921(6302)(2.2) 1946(6384)(2.5)
RWY26- 1182(3878)(1.9) 1624(5328)(2.2) 1911(6270)(2.5)

EAST SALE

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(MIL)	2437 (7995)	2497 (8192) (1.87%)	2437 (7995)	2437 (7995)
22	(MIL)	2437 (7995)	2497 (8192) (1.94%)	2437 (7995)	2437 (7995)
	TKOF/Climb SFC inner edge WID 180.				
	RUNWAY INTERSECTION DECLARED DISTANCES				
	RWY 04 - TKOF from RWY 09/27; RWY remaining 1081 (3546) reduce all DIST by 1356 (4449)				
	RWY 22 - TKOF from RWY 09/27; RWY remaining 1417 (4649) reduce all DIST by 1020 (3346)				
	Slope 0.06% down to NE to 604M, then 0.1% down to 1833M, then 0.01% down to end. RWY WID 45 RWS WID 230				
09	(MIL)	2230 (7316)	2290 (7513) (2.45%)	2230 (7316)	2230 (7316)
27	(MIL)	2230 (7316)	2290 (7513) (2.7%)	2230 (7316)	2230 (7316)
	TKOF/Climb SFC inner edge WID 180.				
	Slope 0.09% down to E to 1720M, then 0.21% down to end. RWY WID 45 RWS WID 230 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 2462(8077)(1.6)
RWY22- 2355(7726)(1.6) 2482(8143)(1.9)
RWY09- 2140(7021)(1.6) 2205(7234)(1.9) 2223(7293)(2.0) 2256(7401)(2.2)
RWY27- 1958(6424)(1.6) 2089(6854)(1.9) 2124(6968)(2.0) 2183(7162)(2.2) 2253(7392)(2.5)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY04-	TKOF from TWY A5;	RWY remaining 1261(4137)	reduce all DIST by 1176(3858)
RWY04-	TKOF from TWY H3;	RWY remaining 1825(5987)	reduce all DIST by 612(2008)
RWY22-	TKOF from TWY A5;	RWY remaining 1195(3921)	reduce all DIST by 1242(4075)
RWY22-	TKOF from TWY G;	RWY remaining 1768(5800)	reduce all DIST by 669(2195)
RWY27-	TKOF from TWY B5;	RWY remaining 1720(5643)	reduce all DIST by 510(1673)

ECHUCA

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(1)	510 (1673)	540 (1772) (4.99%)	510 (1673)	510 (1673)
23	(1)	510 (1673)	540 (1772) (4.25%)	510 (1673)	510 (1673)
	Slope 0.1% down to W. RWY WID 30 RWS WID 60				
17	(2)	1252 (4108)	1312 (4304) (3.03%)	1252 (4108)	1252 (4108)
	RESA dimensions 60M X 120M commences from RWY end.				
35	(2)	1252 (4108)	1312 (4304) (2.56%)	1252 (4108)	1252 (4108)
	RESA dimensions 60M X 120M commences from RWY end.				
	Slope 0.04% down to N. RWY WID 23 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY17- 953(3127)(1.6) 1076(3530)(1.9) 1165(3822)(2.2) 1230(4035)(2.5)
RWY35- 976(3202)(1.9) 1156(3793)(2.2) 1291(4236)(2.5)

EDINBURGH

RWY	(CN)	TORA	TODA	ASDA	LDA
18	(MIL)	2850 (9350)	2910 (9547) NIL	2850 (9350)	2560 (8399)

1. RWY18 DTHR 290M.
2. RWY 18 TODA gradient not provided due obstruction in the CWY.

36	(MIL)	2966 (9731)	3026 (9928) (3.88%)	2966 (9731)	2850 (9350)

1. RWY36 DTHR 116M.
2. 60M blast pavement provided at both ends of RWY pavement.
3. TKOF/Climb SFC inner edge WID 180M.

Slope Level to N to 566M, then 0.2% up to 838M, then 0.05% up to 1,926M, then 0.2% up to 2,676M, then 0.25% up to end. RWY WID 45 RWS WID 230 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY18- 2689(8822)(1.6) 2750(9022)(1.9) 2766(9075)(2.0) 2794(9167)(2.2) 2828(9278)(2.5) 2861(9386)(3.3) 2877(9439)(5.0)

RWY36- 2484(8150)(1.6) 2705(8875)(1.9) 2762(9062)(2.0) 2858(9377)(2.2) 2962(9718)(2.5) 3006(9862)(3.3)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY18-	TKOF from TWY E;	RWY remaining 2560(8399)	reduce all DIST by 290(951)
RWY18-	TKOF from TWY F;	RWY remaining 1666(5466)	reduce all DIST by 1184(3884)
RWY36-	TKOF from TWY B;	RWY remaining 2850(9350)	reduce all DIST by 116(381)
RWY36-	TKOF from TWY C;	RWY remaining 2190(7185)	reduce all DIST by 776(2546)

ELCHO ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(2)	1440 (4724)	1500 (4921) (3.37%)	1440 (4724)	1440 (4724)
28	(2)	1440 (4724)	1500 (4921) (1.2%)	1440 (4724)	1440 (4724)

1. RWY 10/28 OBST surveys are conducted using 90M inner edge width.
2. OBST trees 90FT AGL PSN 110M N and 120M S of CL full length infringes RWY 10/28 transitional SFC by up to 25FT.

Slope 0.2% down to SE. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY10- 1010(3314)(1.9) 1164(3819)(2.2) 1281(4203)(2.5) 1487(4879)(3.3)

ELIWANA

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(3)	2500 (8202)	2500 (8202) (1.79%)	2500 (8202)	2500 (8202)

RESA dimensions 90M X 60M commences from RWY end.

28	(3)	2500 (8202)	2560 (8399) (1.8%)	2500 (8202)	2500 (8202)

RESA dimensions 90M X 60M commences from RWY end.

Slope 0.1% down to W. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY10- 1678(5505)(1.6)

RWY28- 2531(8304)(1.6)

EMERALD

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(3)	1900 (6234)	1960 (6430) (4.32%)	1900 (6234)	1900 (6234)
	RESA dimensions 90M X 60M commences from RWY end.				
	Parallel fence 5.50FT ABV and 20M FM RWS end and 92M left and right of extended RCL has not been taken into account in the calculation of TODA GRAD and STODA.				
24	(3)	1900 (6234)	1960 (6430) (3.23%)	1900 (6234)	1900 (6234)
	RESA dimensions 90M X 60M commences from RWY end.				
	Parallel fence 7.80FT ABV and 35M FM RWS end and 92M left and right of extended RCL has not been taken into account in the calculation of TODA GRAD and STODA.				
	Slope 0.2% down to NE. RWY WID 30 RWS WID 150 Graded 150				
15	(1)	618 (2028)	648 (2126) (2.21%)	618 (2028)	618 (2028)
33	(1)	618 (2028)	648 (2126) (2.5%)	618 (2028)	618 (2028)
	Slope 0.4% down to NW. RWY WID 18 RWS WID 60				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06- 1844(6050)(1.6) 1871(6138)(1.9) 1892(6207)(2.2) 1908(6260)(2.5) 1938(6358)(3.3)
RWY24- 1575(5167)(1.6) 1705(5594)(1.9) 1796(5892)(2.2) 1863(6112)(2.5)

ESPERANCE

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(1)	1178 (3865)	1238 (4062) (3.68%)	1178 (3865)	1178 (3865)
	RESA dimensions 60M X 60M commences from RWS end.				
21	(1)	1178 (3865)	1238 (4062) (2.67%)	1178 (3865)	1178 (3865)
	RESA dimensions 60M X 60M commences from RWS end.				
	Slope NE end 0.3% down to SW, SW end level. RWY WID 18 RWS WID 60				
11	(3)	1800 (5905)	1860 (6102) (1.97%)	1800 (5905)	1800 (5905)
	RESA dimensions 90M X 60M commences from RWS end.				
29	(3)	1800 (5905)	1860 (6102) (1.2%)	1800 (5905)	1800 (5905)
	RESA dimensions 90M X 60M commences from RWS end.				
	RWY 11/29 APCH inner edge length 150M.				
	Slope 0.6% down to W. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03- 845(2772)(2.5) 1146(3760)(3.3)
RWY21- 1147(3763)(1.6) 1181(3875)(1.9) 1207(3960)(2.2) 1228(4029)(2.5)
RWY11- 1734(5689)(1.6) 1852(6076)(1.9)

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FITZROY CROSSING

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(2)	1300 (4265)	1360 (4462) (2.19%)	1300 (4265)	1300 (4265)
	RESA dimensions 60M X 60M commences from RWY end.				
19	(2)	1300 (4265)	1360 (4462) (1.96%)	1300 (4265)	1300 (4265)
	RESA dimensions 60M X 60M commences from RWY end.				
	RWY 01/19 APCH inner edge length 90M.				
	Slope N end 0.2% down to N. S end 0.2% down to S. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY01- 1312(4304)(1.6) 1340(4396)(1.9)
RWY19- 1308(4291)(1.6) 1353(4439)(1.9)

FLINDERS ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(2)	1070 (3510)	1130 (3707) (2.2%)	1070 (3510)	1070 (3510)
	RESA dimensions 60M X 60M commences from RWY end.				
	Unlit OBST Fence 4.1FT ABV and 17M NE of RWS end, and transient OBST (road) 7.5FT ABV and 26M NE of RWS end are not included in the calculation of TODA GRAD and STODA.				
23	(2)	1070 (3510)	1130 (3707) (1.86%)	1070 (3510)	1014 (3327)
	RESA dimensions 60M X 60M commences from RWY end.				
	RWY 23 DTHR 56 (184).				
	Slope 0.5% down to SW. RWY WID 30 RWS WID 90				
14	(3)	1720 (5643)	1780 (5840) (3.3%)	1720 (5643)	1720 (5643)
	RESA dimensions 60M X 60M commences from RWY end.				
	Unlit OBST Fence 3.1FT ABV and at RWS end is not included in the calculation of TODA GRAD and STODA.				
32	(3)	1720 (5643)	1780 (5840) (3.72%)	1720 (5643)	1720 (5643)
	RESA dimensions 60M X 60M commences from RWY end.				
	Unlit OBST Fence 2.5FT ABV and at RWS end is not included in the calculation of TODA GRAD and STODA.				
	Slope 0.1% from centre down to ends. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY23- 1126(3694)(1.6)
RWY14- 1775(5823)(3.3)
RWY32- 1337(4386)(3.3)

FORBES

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(1)	1228 (4029)	1288 (4226) (1.3%)	1228 (4029)	1228 (4029)
	RESA dimensions 60M X 18M commences from RWY end.				
27	(1)	1228 (4029)	1288 (4226) (2.99%)	1228 (4029)	1228 (4029)
	RESA dimensions 60M X 18M commences from RWY end.				
	Unlit OBST fence 4FT ABV RWY and 63M off the eastern end of RWY 09 has not been taken into account in calculation of TODA GRAD and STODA.				
	Slope Level. RWY WID 18 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY27- 1275(4183)(1.6) 1279(4196)(1.9) 1283(4209)(2.2) 1285(4216)(2.5)

FORREST

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(3)	1349 (4426)	1409 (4623) (1.2%)	1349 (4426)	1349 (4426)

RESA dimensions 60M X 150M commences from RWY end.

27	(3)	1349 (4426)	1409 (4623) (2.87%)	1349 (4426)	1349 (4426)

RESA dimensions 60M X 150M commences from RWY end.
1. Unlit OBST. Levee bank 5FT ABV and 37M FM RWY 27 RWS end has not been taken into account in calculation of TODA GRAD & STODA.
Slope 0.1% down to E. RWY WID 30 RWS WID 150 Graded 150

18	(3)	1519 (4984)	1579 (5180) (2.85%)	1519 (4984)	1519 (4984)

RESA dimensions 60M X 150M commences from RWY end.

36	(3)	1519 (4984)	1829 (6001) (1.2%)	1519 (4984)	1519 (4984)

RESA dimensions 310M X 150M commences from RWY end.
RWY 18/36 transitional SFC may be infringed by ACFT parked on apron.
Slope Level. RWY WID 45 RWS WID 150 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY27-	1255(4117)(1.6)	1301(4268)(1.9)	1335(4380)(2.2)	1360(4462)(2.5)
RWY18-	1318(4324)(1.6)	1412(4632)(1.9)	1480(4856)(2.2)	1532(5026)(2.5)

FORRESTANIA

RWY	(CN)	TORA	TODA	ASDA	LDA
15	(3)	1530 (5020)	1590 (5216) (3.09%)	1530 (5020)	1530 (5020)

RESA dimensions 60M X 60M commences from RWY end.

33	(3)	1530 (5020)	1590 (5216) (2.36%)	1530 (5020)	1530 (5020)

RESA dimensions 60M X 60M commences from RWY end.
1. OBST fence 7FT AGL, 90M either side of CL 1590M FM SOT RWY 15 and RWY 33 not taken into account for survey data.
2. TKOF survey inner edge 180M.
3. RWY 15/33 APCH inner edge LEN 150M.
Slope 0.1% down to SE. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY15-	1313(4308)(1.6)	1480(4856)(1.9)	1550(5085)(2.2)	1567(5141)(2.5)
RWY33-	1581(5187)(1.6)	1585(5200)(1.9)	1588(5210)(2.2)	

FORTESCUE DAVE FORREST

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(3)	2300 (7546)	2360 (7743) (2.15%)	2300 (7546)	2300 (7546)

RESA dimensions 90M X 60M commences from RWY end.

30	(3)	2300 (7546)	2360 (7743) (2.11%)	2300 (7546)	2300 (7546)

RESA dimensions 90M X 60M commences from RWY end.
APCH RWY inner edge 150M.
Slope 700M NW end 0.3% down to SE, Centre 1,100M 1.2% down, SE 500M end level. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12-	2228(7310)(1.6)	2315(7595)(1.9)		
RWY30-	2310(7579)(1.6)	2342(7684)(1.9)		

GARDEN POINT

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(2)	1315 (4314)	1375 (4511) (3%)	1315 (4314)	1315 (4314)
22	(2)	1315 (4314)	1375 (4511) (4.58%)	1315 (4314)	1315 (4314)

1. RWY 04/22 OBST surveys are conducted using 90M inner edge width.
2. RWY 04/22 E & W side transitional SFC infringed.

Slope 0.7% down to SW. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 1154(3786)(1.6) 1266(4153)(1.9) 1326(4350)(2.2) 1348(4423)(2.5)
RWY22- 888(2913)(1.9) 1010(3314)(2.2) 1102(3615)(2.5) 1249(4098)(3.3)

GAYNDAH

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(2)	1265 (4150)	1325 (4347) (3.02%)	1265 (4150)	1265 (4150)

RESA dimensions 140M X 75M commences from RWY end.

24	(2)	1265 (4150)	1325 (4347) (3.8%)	1265 (4150)	1265 (4150)

RESA dimensions 100M X 75M commences from RWY end.

Slope 0.3% down to NE. RWY WID 23 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06- 926(3038)(2.2) 1100(3609)(2.5)
RWY24- 913(2995)(1.9) 1060(3478)(2.2) 1167(3829)(2.5) 1288(4226)(3.3)

GEORGETOWN (QLD)

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(1)	1158 (3799)	1218 (3996) (3.48%)	1158 (3799)	1158 (3799)

RESA dimensions 60M X 60M commences from RWY end.

24	(1)	1158 (3799)	1218 (3996) (4.18%)	1158 (3799)	1158 (3799)

RESA dimensions 60M X 60M commences from RWY end.

Fence and trees, either side of RCL, infringe TNS by up to 10FT W end both sides.

Slope down 1.25% FM SW end for 220M then rises 0.15% for 300M. Remaining 638M slopes down 0.7% to NE. RWY WID 18 RWS WID 90 Graded 80

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06- 870(2854)(1.6) 1004(3294)(1.9) 1075(3527)(2.2) 1115(3658)(2.5) 1212(3976)(3.3)
RWY24- 854(2802)(2.2) 930(3051)(2.5) 1142(3747)(3.3)

GERALDTON

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(4)	2389 (7838)	2449 (8035) (1.8%)	2389 (7838)	2389 (7838)

RESA dimensions 240M X 90M commences from RWS end.

21	(4)	2389 (7838)	2449 (8035) (1.64%)	2389 (7838)	2389 (7838)

RESA dimensions 240M X 90M commences from RWS end.

Slope 0.3% down to S. RWY WID 45 RWS WID 300 Graded 150

08	(1)	900 (2953)	960 (3150) (2.19%)	900 (2953)	900 (2953)
26	(1)	900 (2953)	960 (3150) (4.71%)	900 (2953)	900 (2953)

Slope 0.3% down to W. RWY WID 18 RWS WID 90

14	(1)	844 (2769)	904 (2966) (1.2%)	844 (2769)	844 (2769)
32	(1)	844 (2769)	904 (2966) (4.53%)	844 (2769)	844 (2769)

Slope 0.1% down to SE. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03- 2398(7867)(1.6)
RWY21- 2412(7913)(1.6)
RWY26- 879(2884)(3.3)
RWY32- 837(2746)(3.3)

GINBATA

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(4)	2500 (8202)	2560 (8399) (1.51%)	2500 (8202)	2500 (8202)

RESA dimensions 60M X 90M commences from RWY end.

27	(4)	2500 (8202)	2560 (8399) (1.54%)	2500 (8202)	2500 (8202)

RESA dimensions 60M X 90M commences from RWY end.

Slope 0.04% down to E. RWY WID 45 RWS WID 300 Graded 150

GINGIN

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(MIL)	1828 (5997)	1988 (6522) NIL	1828 (5997)	1828 (5997)
26	(MIL)	1828 (5997)	2133 (6998) NIL	1828 (5997)	1828 (5997)

1. RWY08 and RWY26 No APCH or TKOF gradients have been considered.
2. RWY 08 and RWY 26 TODA gradients not provided due obstruction in the CWY.
3. RWY SFC composition sealed.
4. TKOF/CLIMB SFC inner edge WID 180M.

Slope 0.06% down to E. RWY WID 45 RWS WID 230

SUPPLEMENTARY TAKEOFF DISTANCES

ARRESTOR BARRIER ERECTED (Net Poles 21FT AGL)

RWY 08	1527(5010)(1.6%)	1580(5184)(1.9%)	1595(5233)(2.0%)	1619(5312)(2.2%)
	1649(5410)(2.5%)	1703(5587)(3.3%)	1762(5781)(5.0%)	
RWY 26	1492(4895)(1.6%)	1554(5098)(1.9%)	1571(5154)(2.0%)	1599(5246)(2.2%)
	1632(5354)(2.5%)	1692(5551)(3.3%)	1755(5758)(5.0%)	

ARRESTOR BARRIER RETRACTED (Net Poles 5FT)

RWY 08	1700(5577)(1.6%)	1820(5971)(1.9%)	1829(6001)(2.0%)	1834(6017)(2.2%)
	1839(6033)(2.5%)	1848(6063)(3.3%)	1858(6096)(5.0%)	
RWY 26	1658(5440)(1.6%)	1815(5955)(1.9%)	1818(5965)(2.0%)	1823(5981)(2.2%)
	1830(6004)(2.5%)	1841(6040)(3.3%)	1853(6079)(5.0%)	

GLADSTONE

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(3)	1885 (6184)	1945 (6381) (4.28%)	1885 (6184)	1780 (5840)

RESA dimensions 90M X 60M commences from RWS end.

1. RWY 10 DTHR 60M.
2. Reduce TORA, TODA, ASDA and STODA by 45M HN.
3. Caution: Fence 2.3FT ABV and at RWS end, and Transient OBST up to 8.3FT ABV and at RWS end are not taken into account in determining TODA GRAD and STODA.

28	(3)	1920 (6299)	1980 (6496) (5.69%)	1920 (6299)	1720 (5643)

RESA dimensions 90M X 60M commences from RWS end.

1. RWY 28 DTHR 120M.
2. Reduce TORA, TODA, ASDA and STODA by 80M HN.
3. Physical distance BTN RWY 10/28 ends is 1965M.
4. OBST lights (group of LGT towers on coal loading gantry 250M long) 214FT AMSL PSN BRG 334 MAG 4,300M FM ARP. Infringes inner HZS by 15FT.
5. Caution: Unlit OBST has not been taken into account in calculation of TODA GRAD and STODA.

Slope 0.34% down to E. RWY WID 30 RWS WID 150 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY10-	1078(3537)(1.9)	1336(4383)(2.2)	1548(5079)(2.5)	1850(6069)(3.3)
RWY28-	838(2749)(2.5)	1863(6112)(3.3)	1973(6473)(5.0)	

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY10-	TKOF from TWY A1;	RWY remaining 1349(4426)	reduce all DIST by 536(1759)
RWY10-	TKOF from TWY A4;	RWY remaining 989(3245)	reduce all DIST by 896(2940)
RWY28-	TKOF from TWY A4;	RWY remaining 869(2851)	reduce all DIST by 1051(3448)
RWY28-	TKOF from TWY A5;	RWY remaining 1009(3310)	reduce all DIST by 911(2989)

GLEN INNES

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(2)	1200 (3937)	1260 (4134) (1.83%)	1200 (3937)	1200 (3937)

RESA dimensions 60M X 60M commences from RWY end.

28	(2)	1200 (3937)	1260 (4134) (1.66%)	1200 (3937)	1200 (3937)

RESA dimensions 60M X 60M commences from RWY end.

Slope 0.2% down to W. RWY WID 30 RWS WID 90

14	(3)	1498 (4915)	1558 (5111) (2.47%)	1498 (4915)	1498 (4915)

RESA dimensions 60M X 60M commences from RWY end.

Fence 2.5FT ABV and PARL to RWY, 91M NE of RCL and fence 6.7FT ABV and PARL to RWY, 91M SW of RCL not taken into account in the calculation of TODA GRAD and STODA.

32	(3)	1498 (4915)	1558 (5111) (1.3%)	1498 (4915)	1498 (4915)

RESA dimensions 60M X 60M commences from RWY end.

1. Transition SFC for RWY 10/28 and RWY 14/32 infringed by trees.

2. Fence 2.9FT ABV and PARL to RWY, 91M NE of RCL and fence 0.9FT ABV and PARL to RWY, 91M SW of RCL not taken into account in the calculation of TODA GRAD and STODA.

3. APCH SFC slopes assessed on 3.33%.

4. APCH SFC WID assessed on 150M inner edge.

Slope 0.5% from N down to centre. 0.4% from S down to centre. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY10- 955(3133)(1.6)
RWY28- 1229(4032)(1.6)
RWY14- 1198(3930)(2.2)

GNOWANGERUP

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(2)	1499 (4918)	1559 (5115) (4.25%)	1499 (4918)	1499 (4918)

RESA dimensions 60M X 60M commences from RWY end.

30	(2)	1499 (4918)	1559 (5115) (3.45%)	1499 (4918)	1499 (4918)

RESA dimensions 60M X 60M commences from RWY end.

Transitional SFC infringed by trees on north side.

Slope 1% down to SE. RWY WID 30 RWS WID 90 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 1422(4665)(1.6) 1455(4774)(1.9) 1481(4859)(2.2) 1506(4941)(2.5) 1542(5059)(3.3)
RWY30- 841(2759)(1.6) 1157(3796)(1.9) 1332(4370)(2.2) 1445(4741)(2.5) 1555(5102)(3.3)

GOLD COAST

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(4)	2342 (7684)	2402 (7880) (3.64%)	2342 (7684)	2342 (7684)

RESA dimensions 90M X 90M commences from RWS end.

1. Note: Fence 2FT ABV and 2M S of RWS end is not taken into account in the calculation of TODA GRAD and STODA.

2. RWY 14 RWS 300 - OPR restriction: TKOF RWS 150.

32	(4)	2492 (8176)	2552 (8373) (3.22%)	2492 (8176)	2042 (6699)

RESA dimensions 90M X 90M commences from RWS end.

1. RWY 32 DTHR permanently 300M.

2. RWY 32 THR OBST CLR APCH SFC GRAD is 3.4%

Slope 0.1% down to SE. RWY WID 45 RWS WID 300

17	(1)	582 (1909)	642 (2106) (4.89%)	582 (1909)	582 (1909)
35	(1)	582 (1909)	612 (2008) (4.24%)	582 (1909)	582 (1909)

Slope 0.2% down to S. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES
RWY14- 1703(5587)(1.6) 1942(6371)(1.9) 2075(6808)(2.2) 2174(7132)(2.5) 2351(7713)(3.3)
RWY32- 1442(4731)(2.2) 1963(6440)(2.5)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY14-	TKOF from TWY B;	RWY remaining 1435(4708)	reduce all DIST by 907(2976)
RWY14-	TKOF from TWY H;	RWY remaining 1737(5699)	reduce all DIST by 605(1985)
RWY32-	TKOF from TWY D;	RWY remaining 1685(5528)	reduce all DIST by 807(2648)
RWY32-	TKOF from TWY F;	RWY remaining 1575(5167)	reduce all DIST by 917(3008)
RWY32-	TKOF from TWY K;	RWY remaining 2342(7684)	reduce all DIST by 150(492)

GOLDEN GROVE

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(2)	1396 (4580)	1456 (4777) (2.6%)	1396 (4580)	1396 (4580)
	RESA dimensions 60M X 60M commences from RWS end.				
29	(2)	1396 (4580)	1456 (4777) (1.96%)	1396 (4580)	1396 (4580)
	RESA dimensions 60M X 60M commences from RWS end.				
	RWY 11/29 APCH inner edge length 90M. TKOF splay baseline 90M.				
	Slope 0.5% down to E. RWY WID 30 RWS WID 90 Graded 80				

SUPPLEMENTARY TAKEOFF DISTANCES
RWY11- 1296(4252)(1.6) 1370(4495)(1.9) 1427(4682)(2.2) 1452(4764)(2.5)
RWY29- 1407(4616)(1.6) 1449(4754)(1.9)

GOODOOGA

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(1)	1016 (3333)	1076 (3530) (3.99%)	1016 (3333)	1016 (3333)
30	(1)	1016 (3333)	1076 (3530) (1.76%)	1016 (3333)	1016 (3333)
	Slope LEVEL. RWY WID 18 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES
RWY12- 816(2677)(2.2) 885(2904)(2.5) 1013(3323)(3.3)
RWY30- 1068(3504)(1.6)

GOONDIWINDI

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(2)	1340 (4396)	1400 (4593) (3.16%)	1340 (4396)	1340 (4396)
	RESA dimensions 60M X 90M commences from RWY end.				
22	(2)	1340 (4396)	1400 (4593) (2.64%)	1340 (4396)	1340 (4396)
	RESA dimensions 60M X 90M commences from RWY end.				
	Slope 0.1% down to NE. RWY WID 30 RWS WID 90 Graded 90				
12	(1)	795 (2608)	855 (2805) (5%)	795 (2608)	795 (2608)
30	(1)	795 (2608)	855 (2805) (1.72%)	795 (2608)	795 (2608)
	Slope 0.1% down to NW. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES
RWY04- 1011(3317)(1.6) 1135(3724)(1.9) 1226(4022)(2.2) 1294(4245)(2.5)
RWY22- 1025(3363)(1.6) 1176(3858)(1.9) 1285(4216)(2.2) 1367(4485)(2.5)

GOULBURN

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(3)	1281 (4203)	1342 (4403) (2.57%)	1281 (4203)	1281 (4203)

RESA dimensions 61M X 90M commences from RWY end.

22	(3)	1281 (4203)	1342 (4403) (2.44%)	1281 (4203)	1281 (4203)

RESA dimensions 61M X 90M commences from RWY end.
Fences 6.6FT ABV RWS end and PARL to RWY 22, 91.4M N and S of RCL not taken into account in calculation of TODA GRAD and STODA.
Slope 1.2% down to NE. RWY WID 30 RWS WID 90 Graded 90

08	(1)	679 (2228)	739 (2425) (3.78%)	679 (2228)	679 (2228)

RESA dimensions 60M X 75M commences from RWY end.

26	(1)	679 (2228)	739 (2425) (3.1%)	679 (2228)	679 (2228)

RESA dimensions 60M X 75M commences from RWY end.
Slope 0.9% down to E. RWY WID 30 RWS WID 70

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 1007(3304)(1.9) 1162(3812)(2.2) 1308(4291)(2.5)
RWY22- 966(3169)(2.2)

GOVE

RWY	(CN)	TORA	TODA	ASDA	LDA
13	(4)	2208 (7244)	2268 (7441) (1.87%)	2208 (7244)	2208 (7244)

RESA dimensions 90M X 90M commences from RWY end.

31	(4)	2208 (7244)	2268 (7441) (2.66%)	2208 (7244)	2208 (7244)

RESA dimensions 90M X 90M commences from RWY end.
Length of approach inner edge 150M.
Slope FM NW end 0.4% down to TWY E, FM TWY E level to SE end. RWY WID 45 RWS WID 150 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY13- 2231(7319)(1.6)
RWY31- 1894(6214)(1.6) 2054(6739)(1.9) 2161(7090)(2.2) 2237(7339)(2.5)

GRAFTON

RWY	(CN)	TORA	TODA	ASDA	LDA
18	(3)	1709 (5607)	1769 (5804) (6.14%)	1709 (5607)	1709 (5607)

RESA dimensions 60M X 90M commences from RWY end.
S end unlit OBST bank 2FT ABV and 56M E of RWS CL has not been taken into account in the calculation of TODA GRAD and STODA

36	(3)	1709 (5607)	1769 (5804) (1.2%)	1709 (5607)	1709 (5607)

RESA dimensions 60M X 90M commences from RWY end.
Turns only at THR and turning nodes.
Slope 0.8% down to N. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY18- 937(3074)(1.9) 1162(3812)(2.2) 1307(4288)(2.5) 1524(5000)(3.3) 1711(5613)(5.0)

GRIFFITH

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(3)	1704 (5590)	1795 (5889) (3.7%)	1704 (5590)	1704 (5590)
24	(3)	1704 (5590)	1764 (5787) (2.89%)	1704 (5590)	1704 (5590)

Turning nodes each end 45M WID.
Slope 0.3% down to SW. RWY WID 30 RWS WID 150 Graded 90

18	(1)	600 (1968)	660 (2165) (5.2%)	600 (1968)	600 (1968)
36	(1)	600 (1968)	660 (2165) (1.67%)	600 (1968)	600 (1968)

Slope 0.2% down to S. RWY WID 18 RWS WID 60

SUPPLEMENTARY TAKEOFF DISTANCES
RWY06- 963(3159)(1.9) 1228(4029)(2.2) 1515(4970)(2.5) 1776(5827)(3.3)
RWY24- 1143(3750)(1.9) 1380(4528)(2.2) 1567(5141)(2.5)

GROOTE EYLANDT

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(3)	1903 (6243)	1961 (6434) (2.95%)	1903 (6243)	1903 (6243)
	RESA dimensions 90M X 90M commences from RWS end.				
28	(3)	1903 (6243)	1961 (6434) (2.11%)	1903 (6243)	1903 (6243)
	RESA dimensions 90M X 90M commences from RWS end.				
	RWY 10/28 transitional SFC infringed up to 24FT by trees APRX 150M N and S of RWY CL.				
	Slope 0.3% down to W. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES
RWY10- 882(2894)(1.9) 1655(5430)(2.2) 1807(5928)(2.5)
RWY28- 1720(5643)(1.6) 1871(6138)(1.9)

GRUYERE

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(3)	2100 (6890)	2160 (7087) (3.54%)	2100 (6890)	2100 (6890)
	RESA dimensions 90M X 60M commences from RWS end.				
24	(3)	2100 (6890)	2160 (7087) (2.45%)	2100 (6890)	2100 (6890)
	RESA dimensions 90M X 60M commences from RWS end.				
	RWY 06/24 survey area APCH inner edge length 150M.				
	Slope 0.05% down to the NE. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES
RWY06- 1891(6204)(1.6) 1971(6466)(1.9) 2029(6657)(2.2) 2074(6804)(2.5) 2147(7044)(3.3)
RWY24- 2089(6854)(1.6) 2121(6959)(1.9) 2144(7034)(2.2)

GUDAI-DARRI MINE

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(4)	2200 (7218)	2260 (7415) (1.2%)	2200 (7218)	2200 (7218)
	RESA dimensions 90M X 90M commences from RWS end.				
30	(4)	2200 (7218)	2260 (7415) (1.54%)	2200 (7218)	2200 (7218)
	RESA dimensions 90M X 90M commences from RWS end.				
	Slope 0.24% down to the E. RWY WID 45 RWS WID 300 Graded 150				

GUNNEDAH

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(3)	1646 (5400)	1706 (5597) (3.66%)	1646 (5400)	1646 (5400)
	RESA dimensions 90M X 100M commences from RWY end.				
	Transient OBST up to 15.7FT ABV and 75M E of RWS end is not taken into account in calculating TODA GRAD and STODA.				
29	(3)	1646 (5400)	1706 (5597) (2.3%)	1646 (5400)	1646 (5400)
	RESA dimensions 90M X 100M commences from RWY end.				
	Slope 0.1% down to W. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES
RWY11- 1090(3576)(1.6) 1362(4468)(1.9) 1493(4898)(2.2) 1554(5098)(2.5) 1671(5482)(3.3)
RWY29- 1389(4557)(1.6) 1554(5098)(1.9) 1673(5489)(2.2)

HALLS CREEK

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(3)	1475 (4839)	1535 (5036) (1.93%)	1475 (4839)	1475 (4839)
	RESA dimensions 90M X 60M commences from RWS end.				
22	(3)	1475 (4839)	1535 (5036) (2.74%)	1475 (4839)	1475 (4839)
	RESA dimensions 90M X 60M commences from RWS end.				
	RWY 04/22 APCH inner edge width 150M.				
	Slope 0.2% down to NE. RWY WID 30 RWS WID 90				
08	(1)	946 (3104)	976 (3202) (4.14%)	946 (3104)	946 (3104)
	RWY 08 fence 1,046M FM SOT and 4FT ABV RWY end.				
26	(1)	946 (3104)	976 (3202) (4.11%)	946 (3104)	946 (3104)
	RWY 26 fence 1,066M FM SOT and 10FT ABV RWY end.				
	Slope 0.8% down to E. RWY WID 18 RWS WID 60				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 1404(4606)(1.6) 1525(5003)(1.9)
RWY22- 1168(3832)(1.6) 1312(4304)(1.9) 1412(4632)(2.2) 1487(4879)(2.5)
RWY08- 820(2690)(1.6) 853(2799)(1.9) 880(2887)(2.2) 902(2959)(2.5) 945(3100)(3.3)
RWY26- 882(2894)(3.3)

HAMILTON

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(3)	1233 (4045)	1293 (4242) (3.34%)	1233 (4045)	1233 (4045)
28	(3)	1233 (4045)	1293 (4242) (4.01%)	1233 (4045)	1233 (4045)
	Slope 0.6% down to E, 0.8 down to W. RWY WID 30 RWS WID 90				
17	(3)	1664 (5459)	1724 (5656) (1.84%)	1664 (5459)	1664 (5459)
	RESA dimensions 90M X 60M commences from RWS end.				
	Unlit OBST fence, 2FT ABV, PARL and 90M W of RCL not taken into account in calculation of TODA GRAD and STODA.				
35	(3)	1664 (5459)	1724 (5656) (2.62%)	1664 (5459)	1664 (5459)
	RESA dimensions 90M X 60M commences from RWS end.				
	Slope 0.5% down to N. RWY WID 30 RWS WID 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY10- 1147(3763)(1.6) 1193(3914)(1.9) 1220(4003)(2.2) 1243(4078)(2.5) 1291(4236)(3.3)
RWY28- 1014(3327)(1.6) 1123(3684)(1.9) 1204(3950)(2.2) 1259(4131)(2.5) 1281(4203)(3.3)
RWY17- 1432(4698)(1.6)
RWY35- 1339(4393)(1.6) 1480(4856)(1.9) 1596(5236)(2.2) 1686(5531)(2.5)

HAMILTON ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(3)	1766 (5794)	1841 (6040) (1.69%)	1766 (5794)	1706 (5597)
	RESA dimensions 90M X 90M commences from RWY end.				
	1. Transient yacht masts may infringe RWY 14 APCH SFC clearance - Caution RQ.				
	2. TKOF run commences at end of turning node.				
32	(3)	1766 (5794)	1826 (5991) (2.02%)	1766 (5794)	1706 (5597)
	RESA dimensions 90M X 90M commences from RWY end.				
	1. OBST fence 7FT AGL located up to 76M from RCL SW side for first 500M from RWY 32 SOT. Infringes 14.3% TNS by up to 2FT.				
	2. RWS WID 90(295) for ACFT BLW 22,700KG MTOW by day in VMC. Marked by white cones.				
	3. TKOF run commences at end of turning node.				
	Slope Level. RWY WID 45 RWS WID 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY14- 1785(5856)(1.6)
RWY32- 903(2963)(1.6) 1617(5305)(1.9)

HAY

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(3)	1463 (4800)	1523 (4997) (3.15%)	1463 (4800)	1463 (4800)

RESA dimensions 150M X 90M commences from RWY end.
CAUTION: Transient OBST up to 15.3FT ABV and 48M NE of RWS, levee bank 3.4FT ABV and at RWS end, and fence 4FT ABV and 6M NE of RWS end are not taken into account in determining TODA GRAD and STODA.

22	(3)	1463 (4800)	1523 (4997) (2.18%)	1463 (4800)	1463 (4800)

RESA dimensions 90M X 90M commences from RWY end.
1. OBST Fence 6FT ABV and at RWS end and PARL to RWY 72M W of RCL, are not taken into account in calculating TODA GRAD and STODA.
2. Transient OBST not accounted for in locating THR RWY 22.
Slope Level. RWY WID 30 RWS WID 90 Graded 90

15	(2)	1140 (3740)	1200 (3937) (1.59%)	1140 (3740)	1140 (3740)

RESA dimensions 150M X 90M commences from RWY end.

33	(2)	1140 (3740)	1200 (3937) (4.38%)	1140 (3740)	1140 (3740)

RESA dimensions 300M X 90M commences from RWY end.
Slope Level. RWY WID 30 RWS WID 90 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 843(2766)(1.6) 1189(3901)(1.9) 1421(4662)(2.2) 1461(4793)(2.5)
RWY22- 1428(4685)(1.6) 1484(4869)(1.9)
RWY33- 842(2762)(1.9) 961(3153)(2.2) 1030(3379)(2.5) 1142(3747)(3.3)

HERVEY BAY

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(3)	2000 (6562)	2060 (6758) (5.61%)	2000 (6562)	2000 (6562)

RESA dimensions 90M X 60M commences from RWS end.

29	(3)	2000 (6562)	2060 (6758) (2.82%)	2000 (6562)	2000 (6562)

RESA dimensions 90M X 60M commences from RWS end.
Slope W end up to 0.47% to 350M (Highest point), then down 0.40% to 520M, then down 0.74% to centre. E end down 0.27% to centre. RWY WID 30 RWS WID 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11- 1192(3911)(1.6) 1411(4629)(1.9) 1563(5128)(2.2) 1673(5489)(2.5) 1861(6106)(3.3) 2030(6660)(5.0)
RWY29- 1094(3589)(1.6) 1590(5216)(1.9) 1800(5905)(2.2) 1940(6365)(2.5)

HOBART

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(4)	2727 (8947)	2787 (9144) (3%)	2727 (8947)	2608 (8556)

RESA dimensions 90M X 90M commences from RWS end.
1. RWY 12 DTHR 119M.
2. RWY 12 TKOF run commences 119M beyond RWY 12 THR.

30	(4)	2727 (8947)	2787 (9144) (2.03%)	2727 (8947)	2727 (8947)

RESA dimensions 90M X 90M commences from RWS end.
1. Transition SFC infringed by trees.
2. APCH lights up to 1.8FT high WI CWY.
3. APCH lights BTN 3M and 270M FM CWY end and FM 3FT to 17FT ABV CWY end are not taken into account in calculation of TODA GRAD and STODA.
Slope Level. RWY WID 45 RWS WID 300 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 2714(8904)(1.6) 2755(9039)(1.9) 2773(9098)(2.2) 2779(9117)(2.5)
RWY30- 2755(9039)(1.9)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY12-	TKOF from TWY C;	RWY remaining 2036(6680)	reduce all DIST by 691(2267)
RWY12-	TKOF from TWY D;	RWY remaining 1290(4232)	reduce all DIST by 1437(4715)
RWY30-	TKOF from TWY D;	RWY remaining 1460(4790)	reduce all DIST by 1267(4157)

HOPETOUN

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(1)	1110 (3642)	1170 (3839) (2.8%)	1110 (3642)	1110 (3642)

RESA dimensions 90M X 90M commences from RWY end.

19	(1)	1110 (3642)	1197 (3927) (3.41%)	1110 (3642)	1110 (3642)

RESA dimensions 60M X 90M commences from RWY end.
Fence 3FT ABV and 37M S of RWS end, and transient OBST up to 15FT ABV and 45M S of RWS end are not taken into account in calculating TODA GRAD and STODA.
Slope Level. RWY WID 18 RWS WID 90

08	(1)	487 (1598)	547 (1795) (3.66%)	487 (1598)	487 (1598)

RESA dimensions 60M X 90M commences from RWY end.

26	(1)	487 (1598)	547 (1795) (1.39%)	487 (1598)	487 (1598)

RESA dimensions 60M X 90M commences from RWY end.
Fence 3.7FT ABV and 37M W of RWS end, and transient OBST up to 16.2FT ABV and 45M W of RWS end are not taken into account in calculating TODA GRAD and STODA.
Slope Level. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY01- 978(3209)(1.6) 1044(3425)(1.9) 1093(3586)(2.2) 1135(3724)(2.5)
RWY19- 826(2710)(1.6) 943(3094)(1.9) 1024(3360)(2.2) 1082(3550)(2.5) 1187(3894)(3.3)

HORN ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(3)	1389 (4557)	1449 (4754) (3.33%)	1389 (4557)	1389 (4557)
	RESA dimensions 60M X 60M commences from RWY end.				
26	(3)	1389 (4557)	1465 (4806) (1.75%)	1389 (4557)	1389 (4557)
	RESA dimensions 90M X 60M commences from RWS end.				
	1. TKOF and APCH inner edge length 150M.				
	2. OBST trees 110M both left and right of RWY 08/26 CL infringe transitional SFC by up to 20FT.				
	3. Fence 105M FM RWS, 80M S of RCL 17FT ABV CWY not taken into account in TODA gradient or STODA.				
	Slope 0.2% down to W. RWY WID 30 RWS WID 150 Graded 90				
14	(2)	NIL	NIL	NIL	1235 (4052)
32	(2)	1235 (4052)	1295 (4249) (2.48%)	1235 (4052)	NIL
	1. Due to terrain, TKOF RWY 14 and LDG RWY 32 not AVBL.				
	2. RWY 14 APCH inner edge length 90M.				
	Slope 0.9% down to NW. RWY WID 23 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08- 804(2638)(2.2) 1038(3405)(2.5) 1439(4721)(3.3)
RWY26- 1427(4682)(1.6)
RWY32- 1194(3917)(1.6) 1250(4101)(1.9) 1275(4183)(2.2)

HORSHAM

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(3)	1322 (4337)	1382 (4534) (1.24%)	1322 (4337)	1322 (4337)
	RESA dimensions 60M X 60M commences from RWY end.				
26	(3)	1322 (4337)	1382 (4534) (1.59%)	1322 (4337)	1322 (4337)
	RESA dimensions 60M X 60M commences from RWY end.				
	RWY 08/26 Fixed distance/touchdown markings not AVBL.				
	Slope 0.1% down to W. RWY WID 30 RWS WID 90				
17	(2)	999 (3278)	1059 (3474) (1.2%)	999 (3278)	999 (3278)
	RWY 17 THR displaced 98(322).				
35	(2)	999 (3278)	1157 (3796) (1.2%)	999 (3278)	999 (3278)
	Slope 0.1% down to N. RWY WID 24 RWS WID 80				

HUGHENDEN

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(1)	1307 (4288)	1367 (4485) (1.69%)	1307 (4288)	1307 (4288)
	RESA dimensions 90M X 60M commences from RWS end.				
24	(1)	1307 (4288)	1367 (4485) (3.92%)	1307 (4288)	1307 (4288)
	RESA dimensions 90M X 60M commences from RWS end.				
	Slope 0.1% down to SW. RWY WID 18 RWS WID 60				
12	(3)	1644 (5394)	1704 (5590) (2.82%)	1644 (5394)	1644 (5394)
	RESA dimensions 90M X 60M commences from RWS end.				
30	(3)	1644 (5394)	1704 (5590) (1.38%)	1644 (5394)	1644 (5394)
	RESA dimensions 90M X 60M commences from RWS end.				
	Slope 0.2% down to NW. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06- 1346(4416)(1.6)
RWY24- 947(3107)(1.9) 1061(3481)(2.2) 1148(3766)(2.5) 1309(4295)(3.3)
RWY12- 1246(4088)(1.6) 1422(4665)(1.9) 1545(5069)(2.2) 1636(5367)(2.5)

INNISFAIL/MUNDOO

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(1)	1204 (3950)	1264 (4147) (2.82%)	1204 (3950)	1204 (3950)
	RESA dimensions 90M X 60M commences from RWY end.				
21	(1)	1204 (3950)	1264 (4147) (4.96%)	1204 (3950)	1204 (3950)
	RESA dimensions 90M X 60M commences from RWY end.				
	Slope 0.3% down to NE. RWY WID 30 RWS WID 90				
14	(2)	1353 (4439)	1413 (4636) (1.6%)	1353 (4439)	1353 (4439)
	RESA dimensions 90M X 60M commences from RWY end.				
32	(2)	1353 (4439)	1413 (4636) (3.09%)	1353 (4439)	1353 (4439)
	RESA dimensions 80M X 60M commences from RWY end.				
	RWY 14/32 unlit OBST seasonal crop 90M N of RWY 14 8FT ABV CWY not taken into account in calculation of TODA or STODA.				
	Slope 0.2% down to SE. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03- 1251(4104)(1.6) 1263(4144)(1.9)
RWY21- 1009(3310)(3.3)
RWY32- 1214(3983)(1.6) 1283(4209)(1.9) 1332(4370)(2.2) 1367(4485)(2.5)

INVERELL

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(1)	700 (2297)	730 (2395) (4.5%)	700 (2297)	700 (2297)
22	(1)	700 (2297)	730 (2395) (5.06%)	700 (2297)	700 (2297)
	Slope 1.2% down to SW. RWY WID 18 RWS WID 60 Graded 60				
16	(3)	2114 (6936)	2174 (7132) (3.66%)	2114 (6936)	2114 (6936)
	RESA dimensions 60M X 60M commences from RWY end.				
34	(3)	2114 (6936)	2174 (7132) (3.73%)	2114 (6936)	2114 (6936)
	RESA dimensions 60M X 60M commences from RWY end.				
	1. TODA end GRAD and STODA based on 180M TKOF inner edge width with 12.5% diversion splays.				
	2. APCH GRAD to THR 16 at N end is 3.30% and to THR 34 at S end is 3.0% for 150M APCH inner edge width with 15% diversion splays.				
	Slope Average 1.0% down to N and FM THR 34 down 0.64% for first 1329M and then down 1.55% to THR 16. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY16- 1348(4423)(1.6) 1722(5650)(1.9) 1898(6227)(2.2) 2001(6565)(2.5) 2135(7005)(3.3)
RWY34- 1884(6181)(1.6) 1958(6424)(1.9) 2018(6621)(2.2) 2068(6785)(2.5) 2158(7080)(3.3)

IRON BRIDGE MINE

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(3)	2500 (8202)	2560 (8399) (1.75%)	2500 (8202)	2500 (8202)
	RESA dimensions 90M X 60M commences from RWS end.				
30	(3)	2500 (8202)	2560 (8399) (1.4%)	2500 (8202)	2500 (8202)
	RESA dimensions 90M X 60M commences from RWS end.				
	Slope 0.28% down to NW. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 2501(8205)(1.6)

IVANHOE

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(2)	1019 (3343)	1079 (3540) (3.67%)	1019 (3343)	1019 (3343)
27	(2)	1019 (3343)	1079 (3540) (4.24%)	1019 (3343)	1019 (3343)
	Slope 0.34% down to E. RWY WID 30 RWS WID 90 Graded 90				
16	(1)	1245 (4085)	1305 (4281) (3.47%)	1245 (4085)	1245 (4085)
34	(1)	1245 (4085)	1305 (4281) (1.29%)	1245 (4085)	1245 (4085)
	Slope 0.6% down to N. RWY WID 18 RWS WID 90 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 994(3261)(1.6) 1011(3317)(1.9) 1027(3369)(2.2) 1043(3422)(2.5) 1070(3510)(3.3)
RWY27- 836(2743)(1.6) 899(2949)(1.9) 939(3081)(2.2) 968(3176)(2.5) 1028(3373)(3.3)
RWY16- 1194(3917)(1.6) 1228(4029)(1.9) 1255(4117)(2.2) 1271(4170)(2.5) 1301(4268)(3.3)

JABIRU

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(2)	1402 (4600)	1482 (4862) (4.11%)	1402 (4600)	1402 (4600)

RESA dimensions 80M X 46M commences from RWY end.

27	(2)	1402 (4600)	1482 (4862) (2.04%)	1402 (4600)	1402 (4600)

RESA dimensions 80M X 46M commences from RWY end.

1. RWS 09/27 gable markers 80M.

2. RWY 09/27: CWY LEN x WID 80M x 90M.

Slope 630M W end 0.8% down to W, 772M E end 1.0% down to E. RWY WID 23 RWS WID 90 Graded 80

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 1322(4337)(1.6) 1351(4432)(1.9) 1376(4514)(2.2) 1394(4573)(2.5) 1450(4757)(3.3)
RWY27- 1392(4567)(1.6) 1458(4783)(1.9)

JACINTH AMBROSIA

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(3)	1845 (6053)	1905 (6250) (2.9%)	1845 (6053)	1800 (5905)

RESA dimensions 90M X 60M commences from RWS end.

32	(3)	1845 (6053)	1905 (6250) (2.15%)	1845 (6053)	1800 (5905)

RESA dimensions 90M X 60M commences from RWS end.

TKOF GRAD RWY 14/32 based on 90M inner edge WID.

Slope West End 150M 0.82% down to E; East End 1.5% down to W. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY14- 1323(4340)(2.2) 1669(5476)(2.5)
RWY32- 1827(5994)(1.6) 1878(6161)(1.9)

JERVIS BAY

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(MIL)	1466 (4810)	1526 (5007) NIL	1466 (4810)	1466 (4810)
26	(MIL)	1466 (4810)	1526 (5007) NIL	1466 (4810)	1466 (4810)

1. RWY 08 and RWY 26 TODA gradients not provided due obstruction in the CWY.

2. TKOF/climb SFC inner edge WID 180M.

3. RWY 08 and RWY 26 CWY 60M.

Slope 0.81% up to E to 439, then 0.29% up to 748, then 0.11% down to end. RWY WID 30 RWS WID 90

15	(MIL)	1523 (4997)	1583 (5194) NIL	1523 (4997)	1523 (4997)
33	(MIL)	1523 (4997)	1583 (5194) NIL	1523 (4997)	1523 (4997)

1. RWY 15 and RWY 33 TODA gradients not provided due obstruction in the CWY.

2. TKOF/climb SFC inner edge WID 180M.

3. RWY 15 and RWY 33 CWY 60M.

Slope 1.33% up to SE to 285, then 0.46% up to 472, then 0.77% up to 949, then 0.07% up to 1203, then 0.24% down to end. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08- 881(2890)(2.5) 1280(4199)(3.3) 1380(4528)(5.0)
RWY26- 850(2789)(1.6) 921(3022)(1.9) 975(3199)(2.0) 1064(3491)(2.2) 1165(3822)(2.5) 1251(4104)(3.3) 1334(4377)(5.0)
RWY15- 822(2697)(2.0) 961(3153)(2.2) 1072(3517)(2.5) 1261(4137)(3.3) 1412(4632)(5.0)
RWY33- 1289(4229)(1.6) 1334(4377)(1.9) 1341(4400)(2.0) 1353(4439)(2.2) 1369(4491)(2.5) 1402(4600)(3.3) 1444(4737)(5.0)

JULIA CREEK

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(3)	1402 (4600)	1462 (4797) (1.2%)	1402 (4600)	1402 (4600)
	RESA dimensions 90M X 60M commences from RWS end.				
28	(3)	1402 (4600)	1462 (4797) (1.2%)	1402 (4600)	1402 (4600)
	RESA dimensions 90M X 60M commences from RWS end.				
	Slope Level. RWY WID 30 RWS WID 150 Graded 90				

JUNDEE

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(3)	2095 (6873)	2155 (7070) (1.77%)	2095 (6873)	2095 (6873)
	RESA dimensions 90M X 60M commences from RWS end.				
26	(3)	2095 (6873)	2155 (7070) (2.41%)	2095 (6873)	2095 (6873)
	RESA dimensions 90M X 60M commences from RWS end.				
	1. RWY 08/26 APCH inner edge length 150M.				
	Slope 0.09% down to E. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08- 2137(7011)(1.6)
RWY26- 2027(6650)(1.6) 2087(6847)(1.9) 2131(6991)(2.2)

KALBARRI

RWY	(CN)	TORA	TODA	ASDA	LDA
18	(3)	1600 (5249)	1660 (5446) (2.24%)	1600 (5249)	1600 (5249)
	RESA dimensions 120M X 60M commences from RWY end.				
36	(3)	1600 (5249)	1660 (5446) (2.46%)	1600 (5249)	1600 (5249)
	RESA dimensions 90M X 60M commences from RWY end.				
	RWY 18/36 APCH and TKOF inner edge length 90M.				
	Slope 0.27% Down to N. RWY WID 30 RWS WID 90 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY18- 1549(5082)(1.6) 1612(5289)(1.9) 1655(5430)(2.2)
RWY36- 1645(5397)(1.6) 1651(5417)(1.9) 1656(5433)(2.2)

KALGOORLIE-BOULDER

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(4)	2000 (6562)	2060 (6758) (1.9%)	2000 (6562)	2000 (6562)
	RESA dimensions 90M X 90M commences from RWY end.				
29	(4)	2000 (6562)	2060 (6758) (1.98%)	2000 (6562)	2000 (6562)
	RESA dimensions 90M X 90M commences from RWY end.				
	Slope 0.8% down to E. RWY WID 45 RWS WID 300 Graded 150				
18	(1)	1200 (3937)	1260 (4134) (3.38%)	1200 (3937)	1200 (3937)
	RESA dimensions 90M X 35M commences from RWY end.				
36	(1)	1200 (3937)	1260 (4134) (2.11%)	1200 (3937)	1200 (3937)
	RESA dimensions 90M X 35M commences from RWY end.				
	Slope 0.5% down to N. RWY WID 18 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11- 2001(6565)(1.6)
RWY29- 1714(5623)(1.6) 2002(6568)(1.9)
RWY18- 953(3127)(1.9) 1058(3471)(2.2) 1132(3714)(2.5) 1252(4108)(3.3)
RWY36- 1157(3796)(1.6) 1223(4012)(1.9)

KALKGURUNG

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(2)	1250 (4101)	1310 (4298) (2.19%)	1250 (4101)	1250 (4101)
21	(2)	1250 (4101)	1310 (4298) (3.25%)	1250 (4101)	1250 (4101)
	Slope 0.8% down to NE. RWY WID 18 RWS WID 90				
13	(1)	956 (3136)	986 (3235) (1.56%)	956 (3136)	956 (3136)
31	(1)	956 (3136)	986 (3235) (1.2%)	956 (3136)	956 (3136)
	Slope 1.1 down to SE. RWY WID 18 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03- 1265(4150)(1.6) 1290(4232)(1.9)
RWY21- 1056(3465)(1.6) 1158(3799)(1.9) 1217(3993)(2.2) 1256(4121)(2.5)

KAMBALDA

RWY	(CN)	TORA	TODA	ASDA	LDA
16	(3)	1800 (5905)	1860 (6102) (2.64%)	1800 (5905)	1800 (5905)
	RESA dimensions 60M X 60M commences from RWS end.				
34	(3)	1800 (5905)	1860 (6102) (3.08%)	1800 (5905)	1800 (5905)
	RESA dimensions 60M X 60M commences from RWS end.				
	Slope 0.28% down to SE. RWY WID 30 RWS WID 90 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY16- 1678(5505)(1.6) 1748(5735)(1.9) 1802(5912)(2.2) 1843(6047)(2.5)
RWY34- 1224(4016)(1.6) 1465(4806)(1.9) 1631(5351)(2.2) 1745(5725)(2.5)

KARARA

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(3)	1400 (4593)	1460 (4790) (3.42%)	1400 (4593)	1400 (4593)

RESA dimensions 90M X 60M commences from RWS end.

RWY	(CN)	TORA	TODA	ASDA	LDA
30	(3)	1400 (4593)	1460 (4790) (3.79%)	1400 (4593)	1400 (4593)

RESA dimensions 90M X 60M commences from RWS end.

1. OBST fence 5FT AGL adjacent RWY 12/30 offset APRX 70M FM CL each side. Infringes TKOF SFC.

2. RWY 12/30 APCH inner edge length 150M.

Slope 0.16% down to NW. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 1299(4262)(1.6) 1349(4426)(1.9) 1384(4541)(2.2) 1410(4626)(2.5) 1454(4770)(3.3)
RWY30- 995(3264)(1.9) 1089(3573)(2.2) 1193(3914)(2.5) 1382(4534)(3.3)

KARLAWINDA MINE

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(3)	2000 (6562)	2060 (6758) (1.93%)	2000 (6562)	2000 (6562)

RESA dimensions 240M X 60M commences from RWS end.

RWY	(CN)	TORA	TODA	ASDA	LDA
19	(3)	2000 (6562)	2060 (6758) (1.63%)	2000 (6562)	2000 (6562)

RESA dimensions 240M X 60M commences from RWS end.

Slope 0.25% down to S. RWY WID 30 RWS WID 280 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY01- 1986(6516)(1.6) 2053(6735)(1.9)
RWY19- 2052(6732)(1.6)

KARRATHA

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(4)	2280 (7480)	2340 (7677) (1.25%)	2280 (7480)	2280 (7480)

RESA dimensions 90M X 90M commences from RWS end.

RWY	(CN)	TORA	TODA	ASDA	LDA
26	(4)	2280 (7480)	2340 (7677) (1.56%)	2280 (7480)	2280 (7480)

RESA dimensions 90M X 90M commences from RWS end.

1. RWY 08/26 transitional SFC south side infringed by secondary illuminated WDI 100M FM RWY 26 THR, 160M FM CL. Infringes by 20FT.

Slope 0.16% down to E. RWY WID 45 RWS WID 300 Graded 150

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY08-	TKOF from TWY B;	RWY remaining 1665(5463)	reduce all DIST by 615(2018)
RWY08-	TKOF from TWY E;	RWY remaining 495(1624)	reduce all DIST by 1785(5856)
RWY26-	TKOF from TWY B;	RWY remaining 670(2198)	reduce all DIST by 1610(5282)
RWY26-	TKOF from TWY E;	RWY remaining 1828(5997)	reduce all DIST by 452(1483)

KARUMBA

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(3)	1378 (4521)	1438 (4718) (4.27%)	1378 (4521)	1378 (4521)

RESA dimensions 90M X 60M commences from RWY end.

RWY	(CN)	TORA	TODA	ASDA	LDA
21	(3)	1378 (4521)	1438 (4718) (3.77%)	1378 (4521)	1378 (4521)

RESA dimensions 150M X 60M commences from RWY end.

1. Unlit OBST fence 4FT ABV and 20M SE of RWS end has not been taken into account in the calculation of TODA GRAD and STODA.

2. Surveyed to 90M inner edge.

Slope 0.05% down to SW. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03- 1173(3848)(1.6) 1241(4071)(1.9) 1290(4232)(2.2) 1327(4354)(2.5) 1394(4573)(3.3)
RWY21- 880(2887)(1.6) 1044(3425)(1.9) 1164(3819)(2.2) 1256(4121)(2.5) 1401(4596)(3.3)

KATANNING

RWY	(CN)	TORA	TODA	ASDA	LDA
07	(1)	1500 (4921)	1560 (5118) (2.2%)	1500 (4921)	1500 (4921)
	RESA dimensions 60M X 60M commences from RWY end.				
25	(1)	1500 (4921)	1560 (5118) (2.11%)	1500 (4921)	1500 (4921)
	RESA dimensions 60M X 60M commences from RWY end.				
	Slope 0.16% down to E. RWY WID 23 RWS WID 90				
13	(1)	1001 (3284)	1061 (3481) (3.18%)	1001 (3284)	1001 (3284)
31	(1)	1001 (3284)	1061 (3481) (2.85%)	1001 (3284)	1001 (3284)
	Slope 0.22% down to SW. RWY WID 18 RWS WID 60				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY07- 1273(4176)(1.6) 1437(4715)(1.9)
RWY25- 1221(4006)(1.6) 1444(4737)(1.9)
RWY13- 893(2930)(2.5)
RWY31- 902(2959)(2.2) 1001(3284)(2.5)

KEMPSEY

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(2)	1643 (5390)	1703 (5587) (2.23%)	1643 (5390)	1643 (5390)
	RESA dimensions 60M X 60M commences from RWY end.				
22	(2)	1643 (5390)	1703 (5587) (4.09%)	1643 (5390)	1643 (5390)
	RESA dimensions 60M X 60M commences from RWY end.				
	Slope 0.4% 340M down to SW, 0.5% 450M down to NE, LVL 850M to NE. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 1506(4941)(1.6) 1627(5338)(1.9) 1701(5581)(2.2)
RWY22- 934(3064)(1.9) 1134(3720)(2.2) 1284(4213)(2.5) 1550(5085)(3.3)

KENS BORE

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(3)	2100 (6890)	2160 (7087) (1.64%)	2100 (6890)	2100 (6890)
	RESA dimensions 240M X 60M commences from RWS end.				
32	(3)	2100 (6890)	2160 (7087) (1.83%)	2100 (6890)	2100 (6890)
	RESA dimensions 240M X 60M commences from RWS end.				
	Slope 0.1% down to SE. RWY WID 30 RWS WID 280 Graded 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY14- 2144(7034)(1.6)
RWY32- 2103(6900)(1.6)

KERANG

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(1)	691 (2267)	751 (2464) (2.14%)	691 (2267)	691 (2267)
23	(1)	691 (2267)	751 (2464) (1.94%)	691 (2267)	691 (2267)

Slope Level. RWY WID 18 RWS WID 90

14	(1)	1067 (3501)	1127 (3697) (3.03%)	1067 (3501)	1067 (3501)

Unlit OBST fence 2.8FT ABV and 2M S of RWS end has not been taken into account in the calculation of TODA GRAD and STODA.

32	(1)	1067 (3501)	1127 (3697) (3.33%)	1067 (3501)	1067 (3501)

1. CAUTION: 3.33% obstacle clearance APCH surface on RWY 32 terminates at RWY end THR not RWS end.

2. Transient OBST up to 14.1FT ABV and 97M N of RWS end has not been taken into account in the calculation of TODA GRAD and STODA.

3. LDG RWY 32 - Unlit OBST fence 2.8FT ABV and 2M S of RWS end.

Slope Level. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY14- 859(2818)(1.9) 959(3146)(2.2) 1033(3389)(2.5)
RWY32- 936(3071)(2.5) 1123(3684)(3.3)

KIMBA

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(2)	1580 (5184)	1640 (5381) (1.6%)	1580 (5184)	1580 (5184)

RESA dimensions 90M X 60M commences from RWY end.

21	(2)	1580 (5184)	1640 (5381) (2.87%)	1580 (5184)	1580 (5184)

RESA dimensions 90M X 60M commences from RWY end.

1. OBST fence 5FT ABV and 30M W of RWS has not been taken into account in the calculation of TODA GRAD and STODA.

2. 3.3% OBST clear APCH landing RWY 03 terminates at THR not RWS.

Slope 0.3% down to NE. RWY WID 30 RWS WID 90

15	(2)	1112 (3648)	1172 (3845) (1.2%)	1112 (3648)	1112 (3648)
33	(2)	1112 (3648)	1172 (3845) (2.23%)	1112 (3648)	1112 (3648)

Slope 0.2% down to NW. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY21- 1309(4295)(1.6) 1444(4737)(1.9) 1531(5023)(2.2) 1605(5266)(2.5)
RWY33- 1056(3465)(1.6) 1115(3658)(1.9) 1168(3832)(2.2)

KING ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(3)	1585 (5200)	1645 (5397) (2.46%)	1585 (5200)	1585 (5200)

RESA dimensions 60M X 60M commences from RWY end.

OBST fence 108FT AMSL BRG 101 MAG 911M FM ARP not taken into account in calculation of TODA GRAD and STODA.

28	(3)	1585 (5200)	1645 (5397) (1.2%)	1585 (5200)	1585 (5200)

RESA dimensions 60M X 60M commences from RWY end.

OBST fence 130FT AMSL BRG 297 MAG 894M FM ARP not taken into account in calculation of TODA GRAD and STODA.

Slope 0.33% down to the W and 0.45% down to the E. Highest point 660M FM W end. RWY WID 30 RWS WID 150 Graded 90

17	(2)	1105 (3625)	1165 (3822) (3.28%)	1105 (3625)	1105 (3625)

RESA dimensions 60M X 60M commences from RWY end.

35	(2)	1105 (3625)	1165 (3822) (3.67%)	1105 (3625)	1105 (3625)

RESA dimensions 60M X 60M commences from RWY end.

Slope 0.9% down to N. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES
RWY10- 1276(4186)(1.6) 1436(4711)(1.9) 1563(5128)(2.2)
RWY17- 1068(3504)(2.2) 1139(3737)(2.5)
RWY35- 1042(3419)(1.6) 1074(3524)(1.9) 1094(3589)(2.2) 1114(3655)(2.5) 1152(3779)(3.3)

KINGAROY

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(2)	1303 (4275)	1363 (4472) (1.93%)	1303 (4275)	1303 (4275)
	RESA dimensions 60M X 60M commences from RWY end.				
23	(2)	1303 (4275)	1363 (4472) (4.12%)	1303 (4275)	1303 (4275)
	RESA dimensions 60M X 60M commences from RWY end.				
	Slope 1.3% down to SW. RWY WID 30 RWS WID 90				
16	(3)	1600 (5249)	1660 (5446) (5.68%)	1600 (5249)	1600 (5249)
	RESA dimensions 60M X 60M commences from RWS end.				
	Critical OBST 4FT high levee bank 20M out and 67M left FM RWS extended CL.				
34	(3)	1600 (5249)	1660 (5446) (4.7%)	1600 (5249)	1600 (5249)
	RESA dimensions 60M X 60M commences from RWS end.				
	Slope 0.9% down to N. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES
RWY16- 924(3031)(1.9) 1143(3750)(2.2) 1277(4190)(2.5) 1470(4823)(3.3) 1628(5341)(5.0)
RWY34- 1308(4291)(1.6) 1376(4514)(1.9) 1430(4692)(2.2) 1476(4842)(2.5) 1565(5134)(3.3)

KINGSCOTE/KANGAROO ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(3)	1815 (5955)	1875 (6152) (2.12%)	1815 (5955)	1815 (5955)
	RESA dimensions 90M X 60M commences from RWS end.				
	TKOF RWY 01 OBST. Transient vehicles 17FT ABV and 145M FM RWS end.				
19	(3)	1815 (5955)	1875 (6152) (1.93%)	1815 (5955)	1815 (5955)
	RESA dimensions 90M X 60M commences from RWS end.				
	Slope Level. RWY WID 30 RWS WID 150 Graded 90				
06	(2)	1134 (3720)	1194 (3917) (3.58%)	1134 (3720)	1134 (3720)
	RESA dimensions 90M X 60M commences from RWY end.				
24	(2)	1134 (3720)	1194 (3917) (2.71%)	1134 (3720)	1134 (3720)
	RESA dimensions 90M X 60M commences from RWY end.				
	Slope 0.1% down to NE. RWY WID 30 RWS WID 90				
15	(2)	1384 (4541)	1459 (4787) (2.78%)	1384 (4541)	1384 (4541)
	RESA dimensions 90M X 60M commences from RWY end.				
33	(2)	1384 (4541)	1444 (4737) (4.03%)	1384 (4541)	1384 (4541)
	RESA dimensions 90M X 60M commences from RWY end.				
	Slope Level. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY01-	1725(5659)(1.6)	1849(6066)(1.9)		
RWY19-	1781(5843)(1.6)	1870(6135)(1.9)		
RWY06-	806(2644)(1.9)	917(3008)(2.2)	1002(3287)(2.5)	1161(3809)(3.3)
RWY24-	995(3264)(1.6)	1074(3524)(1.9)	1131(3711)(2.2)	1171(3842)(2.5)
RWY15-	1019(3343)(1.6)	1176(3858)(1.9)	1298(4258)(2.2)	1391(4564)(2.5)
RWY33-	985(3232)(2.2)	1139(3737)(2.5)	1409(4623)(3.3)	

KOOLAN ISLAND/KOOLAN CENTRAL

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(3)	2100 (6890)	2160 (7087) (1.98%)	2100 (6890)	2100 (6890)
	RESA dimensions 90M X 60M commences from RWS end.				
29	(3)	2100 (6890)	2160 (7087) (1.2%)	2100 (6890)	2100 (6890)
	RESA dimensions 90M X 60M commences from RWS end.				

RWY 11/29 APCH inner edge length 150M.

Slope 0.34% down to E. Slope rises 0.223% FM THR RWY 11 and rises 0.79% FM THR RWY 29. Highest point in centre of RWY. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11- 1965(6447)(1.6) 2125(6972)(1.9)

KOWANYAMA

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(2)	1380 (4528)	1440 (4724) (2.87%)	1380 (4528)	1380 (4528)
30	(2)	1380 (4528)	1440 (4724) (2.5%)	1380 (4528)	1380 (4528)

1. TNS N side infringed by trees 1,000M W end, trees LOC 100M FM RCL infringe by 10FT.

Slope Level. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 1027(3369)(1.9) 1198(3930)(2.2) 1327(4354)(2.5)
RWY30- 1202(3944)(1.6) 1304(4278)(1.9) 1380(4528)(2.2)

KUNUNURRA

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(3)	1829 (6001)	1889 (6197) (3.06%)	1829 (6001)	1829 (6001)
	RESA dimensions 90M X 60M commences from RWS end.				
30	(3)	1829 (6001)	1889 (6197) (1.51%)	1829 (6001)	1829 (6001)
	RESA dimensions 90M X 60M commences from RWS end.				

1. RWY 30 TKOF terrain 15,780M FM TODA end 1,027FT ABV AD.

2. RWY 12/30 APCH inner edge length 150M.

Slope 0.1% down to NW. RWY WID 30 RWS WID 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 1409(4623)(1.6) 1571(5154)(1.9) 1687(5535)(2.2) 1774(5820)(2.5)

LAKE CARGELLIGO

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(2)	1200 (3937)	1260 (4134) (1.74%)	1200 (3937)	1200 (3937)
	RESA dimensions 60M X 90M commences from RWY end.				
23	(2)	1200 (3937)	1260 (4134) (2.32%)	1200 (3937)	1200 (3937)
	RESA dimensions 60M X 90M commences from RWY end.				
	Slope Initial 650M 1.1% down to NE, remainder 0.6% down to NE. RWY WID 30 RWS WID 90				
12	(2)	879 (2884)	939 (3081) (4.82%)	879 (2884)	879 (2884)
	RESA dimensions 60M X 90M commences from RWY end.				
30	(2)	879 (2884)	939 (3081) (2.03%)	879 (2884)	879 (2884)
	RESA dimensions 60M X 90M commences from RWY end.				
	Slope Initial 350M 0.8% down to NW, remainder 0.3% down to NW. RWY WID 23 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05- 1247(4091)(1.6)
RWY23- 985(3232)(1.9) 1234(4049)(2.2)
RWY12- 829(2720)(1.6) 859(2818)(1.9) 877(2877)(2.2) 891(2923)(2.5) 916(3005)(3.3)
RWY30- 842(2762)(1.6) 913(2995)(1.9)

LAKE EVELLA

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(1)	1065 (3494)	1125 (3691) (1.46%)	1065 (3494)	1065 (3494)
26	(1)	1065 (3494)	1125 (3691) (3.4%)	1065 (3494)	1065 (3494)
	Slope 0.5% down to W. RWY WID 18 RWS WID 80				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY26- 936(3071)(1.6) 981(3218)(1.9) 1019(3343)(2.2) 1051(3448)(2.5) 1117(3665)(3.3)

LATROBE VALLEY

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(2)	1430 (4692)	1490 (4888) (3.13%)	1430 (4692)	1430 (4692)
	RESA dimensions 68M X 90M commences from RWY end.				
21	(2)	1430 (4692)	1490 (4888) (2.71%)	1430 (4692)	1430 (4692)
	RESA dimensions 60M X 90M commences from RWY end.				
	1. Approaches RWY 03/21 based on 90 RWS WID.				
	2. RWY 03/21 TKOF SFC survey based on 180M RWS/inner edge.				
	3. CAUTION: Transient OBST 13FT ABV and 51M NE of RWS end, and OBST - Fence 4.6FT ABV and 38M FM RWS end, not taken into account in calculation of TODA GRAD and STODA.				
	4. RWY 21 3.3% OBST CLR APCH SFC for LDG terminates at THR, not RWS end.				
	5. LDG RWY 21 - Transient OBST 13FT ABV and 51M NW of RWS end, and OBST fence 4.6FT ABV and 38M NE of RWS end.				
	Slope 0.4% down to SW. RWY WID 23 RWS WID 90				
09	(1)	919 (3015)	978 (3209) (4.16%)	919 (3015)	919 (3015)
	RESA dimensions 60M X 90M commences from RWY end.				
	RWY 09 N side transitional SFC infringed				
27	(1)	919 (3015)	978 (3209) (4.09%)	919 (3015)	919 (3015)
	RESA dimensions 60M X 90M commences from RWY end.				
	Slope FM E 0.3% down to TWY, from TWY 1.0% down to W end. RWY WID 18 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03- 1034(3392)(1.6) 1158(3799)(1.9) 1271(4170)(2.2) 1363(4472)(2.5)
RWY21- 910(2986)(1.6) 1085(3560)(1.9) 1266(4153)(2.2) 1409(4623)(2.5)
RWY09- 831(2726)(3.3)
RWY27- 856(2808)(3.3)

LAUNCESTON

RWY	(CN)	TORA	TODA	ASDA	LDA
14R	(4)	1981 (6499)	2041 (6696) (2.86%)	1981 (6499)	1981 (6499)
	RESA dimensions 90M X 90M commences from RWY end.				
32L	(4)	1981 (6499)	2041 (6696) (2.34%)	1981 (6499)	1981 (6499)
	RESA dimensions 60M X 60M commences from RWY end.				
	Slope 0.3% ends down to centre. RWY WID 45 RWS WID 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY14R- 1832(6010)(1.6) 1999(6558)(1.9) 2023(6637)(2.2) 2035(6676)(2.5)
RWY32L- 1220(4003)(1.6) 1946(6384)(1.9) 2033(6670)(2.2)

LAVERTON

RWY	(CN)	TORA	TODA	ASDA	LDA
07	(3)	1800 (5905)	1860 (6102) (2.71%)	1800 (5905)	1800 (5905)
	RESA dimensions 50M X 60M commences from RWY end.				
25	(3)	1800 (5905)	1860 (6102) (1.76%)	1800 (5905)	1800 (5905)
	RESA dimensions 50M X 60M commences from RWY end.				
	Slope 0.3% down to SW. RWY WID 30 RWS WID 90				
16	(2)	919 (3015)	979 (3212) (2.35%)	919 (3015)	919 (3015)
34	(2)	919 (3015)	979 (3212) (1.81%)	919 (3015)	919 (3015)
	Slope 0.2% down to N. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY07- 1634(5361)(1.6) 1726(5663)(1.9) 1789(5869)(2.2) 1835(6020)(2.5)
RWY25- 1816(5958)(1.6)
RWY16- 847(2779)(1.6) 914(2999)(1.9) 960(3150)(2.2)
RWY34- 954(3130)(1.6)

LEARMONTH

RWY	(CN)	TORA	TODA	ASDA	LDA
18	(4)	3047 (9997)	3352 (10997) (3.15%)	3047 (9997)	3047 (9997)
36	(4)	3047 (9997)	3352 (10997) (2.4%)	3047 (9997)	3047 (9997)
	TKOF Climb SFC Inner edge WID 180.				
	Slope 0.12% down to N to 1247M, then 0.03% up to 1947M, then 0.11% down to 2347M, then 0.01 down to end. RWY WID 45 RWS WID 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY18- 3208(10525)(1.6) 3256(10682)(1.9) 3267(10718)(2.0) 3289(10791)(2.2) 3314(10873)(2.5)
RWY36- 3330(10925)(1.6) 3340(10958)(1.9) 3343(10968)(2.0) 3348(10984)(2.2)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY18-	TKOF from TWY F;	RWY remaining 2234(7329)	reduce all DIST by 813(2667)
RWY18-	TKOF from TWY G;	RWY remaining 1379(4524)	reduce all DIST by 1668(5472)
RWY18-	TKOF from TWY W;	RWY remaining 829(2720)	reduce all DIST by 2218(7277)
RWY36-	TKOF from TWY G;	RWY remaining 1683(5522)	reduce all DIST by 1364(4475)
RWY36-	TKOF from TWY W;	RWY remaining 2238(7342)	reduce all DIST by 809(2654)

LEIGH CREEK

RWY	(CN)	TORA	TODA	ASDA	LDA
02	(2)	1219 (3999)	1279 (4196) (1.2%)	1219 (3999)	1219 (3999)
	RESA dimensions 60M X 60M commences from RWY end.				
20	(2)	1219 (3999)	1279 (4196) (1.91%)	1219 (3999)	1219 (3999)
	RESA dimensions 60M X 60M commences from RWY end.				
	Slope 0.3% down centre to NE, 0.2% down centre to SW. RWY WID 18 RWS WID 90				
11	(2)	1710 (5610)	1770 (5807) (3.22%)	1710 (5610)	1710 (5610)
	RESA dimensions 60M X 60M commences from RWY end.				
29	(2)	1710 (5610)	1770 (5807) (1.2%)	1710 (5610)	1710 (5610)
	RESA dimensions 60M X 60M commences from RWY end.				
	Slope 0.2% down NW to centre; 0.1% down SE to centre. RWY WID 30 RWS WID 90 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY20- 950(3117)(1.6) 1278(4193)(1.9)
RWY11- 1654(5426)(1.6) 1692(5551)(1.9) 1719(5640)(2.2) 1738(5702)(2.5)

LEINSTER

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(3)	1800 (5905)	1860 (6102) (3.21%)	1800 (5905)	1800 (5905)
	RESA dimensions 90M X 60M commences from RWS end.				
28	(3)	1800 (5905)	1860 (6102) (1.5%)	1800 (5905)	1800 (5905)
	RESA dimensions 90M X 60M commences from RWS end.				
	APCH inner edge length 150M.				
	Slope 0.1% down to W, E end 0.1% down to E. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY10- 1675(5495)(1.6) 1734(5689)(1.9) 1776(5827)(2.2) 1808(5932)(2.5)

LEONORA

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(3)	2018 (6621)	2078 (6818) (2.77%)	2018 (6621)	2018 (6621)
	RESA dimensions 90M X 60M commences from RWS end.				
22	(3)	2018 (6621)	2078 (6818) (2.54%)	2018 (6621)	2018 (6621)
	RESA dimensions 90M X 60M commences from RWS end.				
	Slope 0.3% down to SW. RWY WID 30 RWS WID 150 Graded 90				
12	(2)	1140 (3740)	1200 (3937) (3.38%)	1140 (3740)	1140 (3740)
	RESA dimensions 120M X 60M commences from RWS end.				
30	(2)	1140 (3740)	1200 (3937) (3.38%)	1140 (3740)	1140 (3740)
	RESA dimensions 60M X 60M commences from RWS end.				
	Slope 0.2% down to NW. Length of TKOF SFC 7500. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 1971(6466)(1.6) 2013(6604)(1.9) 2042(6699)(2.2) 2063(6768)(2.5)
RWY22- 1916(6286)(1.6) 1983(6506)(1.9) 2034(6673)(2.2) 2074(6804)(2.5)
RWY12- 1117(3665)(1.6) 1143(3750)(1.9) 1161(3809)(2.2) 1175(3855)(2.5) 1198(3930)(3.3)
RWY30- 1021(3350)(1.6) 1072(3517)(1.9) 1111(3645)(2.2) 1141(3743)(2.5)

LIGHTNING RIDGE

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(2)	733 (2405)	793 (2602) (5.82%)	733 (2405)	733 (2405)
22	(2)	733 (2405)	793 (2602) (2.47%)	733 (2405)	733 (2405)

Slope 0.7% down to SW. RWY WID 30 RWS WID 90

10	(1)	1506 (4941)	1566 (5138) (3.15%)	1506 (4941)	1506 (4941)
28	(1)	1506 (4941)	1566 (5138) (3.66%)	1506 (4941)	1506 (4941)

RESA dimensions 60M X 36M commences from RWS end.

Slope 0.4% down to W. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY10- 1467(4813)(1.6) 1508(4947)(1.9) 1528(5013)(2.2) 1543(5062)(2.5)
RWY28- 1050(3445)(1.6) 1276(4186)(1.9) 1379(4524)(2.2) 1436(4711)(2.5) 1537(5043)(3.3)

LISMORE

RWY	(CN)	TORA	TODA	ASDA	LDA
15	(3)	1707 (5600)	1767 (5797) (2.82%)	1707 (5600)	1647 (5403)

RESA dimensions 60M X 60M commences from RWY end.

1. TKOF run commences at starter extension, 60M beyond THR RWY 15.
2. Caution: Transient OBST up to 19.3FT ABV and 161M SE of RWS end is not taken account in the calculation of TODA GRAD or STODA.

33	(3)	1707 (5600)	1767 (5797) (2.7%)	1707 (5600)	1647 (5403)

RESA dimensions 60M X 60M commences from RWY end.

1. TKOF run commences at starter extension, 60M beyond THR RWY 33.
2. Horizontal SFC significantly infringed; caution night circling.
3. Side transitions infringed. Marked by obstruction lights.

Slope 0.1% down to SE. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY15- 1563(5128)(1.6) 1640(5381)(1.9) 1693(5554)(2.2) 1733(5686)(2.5)
RWY33- 1359(4459)(2.5)

LOCKHART RIVER

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(3)	1500 (4921)	1560 (5118) (2.15%)	1500 (4921)	1500 (4921)

RESA dimensions 90M X 60M commences from RWS end.

30	(3)	1500 (4921)	1560 (5118) (2.69%)	1500 (4921)	1500 (4921)

RESA dimensions 90M X 90M commences from RWS end.

1. RWY 12/30 TKOF SFC inner edge length 90M.
2. CAUTION: Transitional SFC infringed by trees at SE end of RWY (each side).
3. RWY 30 extent of TKOF SFC 7,500M.

Slope 0.6% down to NW. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 1062(3484)(1.6) 1387(4550)(1.9)
RWY30- 1025(3363)(1.6) 1292(4239)(1.9) 1441(4728)(2.2) 1518(4980)(2.5)

LONGREACH

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(3)	1936 (6352)	2036 (6680) (1.2%)	1936 (6352)	1936 (6352)

RESA dimensions 90M X 60M commences from RWS end.

RWY 04 approach side transition SFC E side infringed by hangar. 140M FM CL, infringed by 8FT marked by red OBST LGT.

22	(3)	1936 (6352)	2056 (6745) (2.87%)	1936 (6352)	1936 (6352)

RESA dimensions 90M X 60M commences from RWS end.

1. RWY 04/22 OBST TKOF SFC survey based on 180M inner edge WID.
2. OBST fence 11FT ABV and 105M S of RWS end centreline not taken into account in determination of TODA gradient and STODA.
3. Caution: NE end unlit OBST levee 4FT ABV and 88M SE of RWS CL has not been taken into account in the calculation of TODA GRAD and STODA.

Slope Level. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY22- 1739(5705)(1.6) 1885(6184)(1.9) 1967(6453)(2.2) 2015(6611)(2.5)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY04- TKOF from TWY C; RWY remaining 1873(6145) reduce all DIST by 63(207)

LORD HOWE ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(2)	888 (2913)	948 (3110) (9.46%)	888 (2913)	888 (2913)

RESA dimensions 30M X 60M commences from RWY end.

28	(2)	888 (2913)	948 (3110) (1.6%)	888 (2913)	785 (2575)

RESA dimensions 30M X 60M commences from RWY end.

1. RWY 28 DTHR 103M (338FT).
2. TORA is the LEN FM TKOF 10 end bar to TKOF 28 end bar. 60M sealed CWY provided to each end beyond TKOF end bars.
3. If SOT FM sealed RWS CWY end bar, then add 60M to TORA, TODA, ASDA and STODA.
4. RWY 10 TKOF critical 9.46% TODA end GRAD based on sand dune 50M (998M SOT) out FM and 47M left of E RWS end.
5. Critical APCH GRAD to 103M DISP THR 28 is 2.98% over the traversing sand dune, and trees at 3.8% on a hillside 1206M out FM E RWS CWY end and 206M left of APCH to the E THR 28.
6. RWY 28 TKOF critical 1.6% TODA end GRAD and STODA ignore 3FT high sea wall 20M (968M SOT) out FM and 39M right of W RWS end.
7. Several significant transitional and inner horizontal OLS terrain infringements exist to both sides of the RWS.
8. Beware, an anemometer about 260M back FM and 65M right of APCH to the W RWS end as it infringes the transitional OLS by 22FT.

Slope Level. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY10- 853(2799)(3.3) 907(2976)(5.0)

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MACKAY

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(4)	1981 (6499)	2041 (6696) (2.23%)	1981 (6499)	1981 (6499)
	RESA dimensions 90M X 90M commences from RWY end.				
32	(4)	1981 (6499)	2041 (6696) (2%)	1981 (6499)	1981 (6499)
	RESA dimensions 90M X 90M commences from RWY end.				
	RWY 14/32 APCH SFC based on 150M inner edges.				
	Slope Level. RWY WID 45 RWS WID 150 Graded 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY14- 1902(6240)(1.6) 2023(6637)(1.9) 2040(6693)(2.2)
RWY32- 1868(6129)(1.6) 2021(6630)(1.9)

MAITLAND (NSW)

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(2)	1226 (4022)	1286 (4219) (3.72%)	1226 (4022)	1128 (3701)
	RESA dimensions 30M X 80M commences from RWS end.				
	RWY 05 DTHR 98M.				
23	(2)	1226 (4022)	1286 (4219) (4.38%)	1226 (4022)	1226 (4022)
	RESA dimensions 90M X 80M commences from RWS end.				
	Slope 0.5% down to NE. RWY WID 15 RWS WID 80				
08	(1)	1009 (3310)	1039 (3409) (10.57%)	1009 (3310)	781 (2562)
	RESA dimensions 20M X 60M commences from RWS end.				
	RWY 08 DTHR 228M.				
26	(1)	1009 (3310)	1039 (3409) (9.54%)	1009 (3310)	800 (2625)
	RESA dimensions 30M X 60M commences from RWS end.				
	RWY 26 DTHR 209M.				
	Slope 0.9% down to E. RWY WID 10 RWS WID 60				
18	(1)	502 (1647)	532 (1745) (3.17%)	502 (1647)	502 (1647)
	RESA dimensions 60M X 60M commences from RWS end.				
36	(1)	502 (1647)	532 (1745) (5.63%)	502 (1647)	502 (1647)
	RESA dimensions 15M X 60M commences from RWS end.				
	Slope 0.35% down to S. RWY WID 18 RWS WID 60				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05- 862(2828)(1.9) 963(3159)(2.2) 1048(3438)(2.5) 1214(3983)(3.3)
RWY08- 870(2854)(5.0)

MALLACOOTA

RWY	(CN)	TORA	TODA	ASDA	LDA
07	(2)	881 (2890)	941 (3087) (2.6%)	881 (2890)	881 (2890)
25	(2)	881 (2890)	941 (3087) (3.78%)	881 (2890)	881 (2890)
	1. All transitional SFC infringed.				
	2. CAUTION: Fence 15.6FT ABV and 70M W of RWS end has not been taken into account in the calculation of TODA GRAD and STODA.				
	Slope 0.7% down to E. RWY WID 30 RWS WID 90 Graded 90				
18	(1)	1028 (3373)	1088 (3570) (3.35%)	1028 (3373)	1028 (3373)
	RESA dimensions 60M X 90M commences from RWY end.				
36	(1)	1028 (3373)	1088 (3570) (2.86%)	1028 (3373)	1028 (3373)
	RESA dimensions 60M X 90M commences from RWY end.				
	All transitional SFC infringed.				
	Slope 0.2% down to S. RWY WID 18 RWS WID 90 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY07- 822(2697)(1.6) 862(2828)(1.9) 898(2946)(2.2) 932(3058)(2.5)
RWY18- 862(2828)(2.2) 937(3074)(2.5) 1082(3550)(3.3)
RWY36- 1004(3294)(2.2) 1052(3451)(2.5)

MANGALORE

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(2)	2027 (6650)	2087 (6847) (3.13%)	2027 (6650)	2027 (6650)
	RESA dimensions 60M X 90M commences RWY end.				
23	(2)	2027 (6650)	2087 (6847) (2.23%)	2027 (6650)	2027 (6650)
	RESA dimensions 60M X 90M commences RWY end.				
	Slope 0.1% down to SW. RWY WID 23 RWS WID 90				
18	(2)	1461 (4793)	1521 (4990) (2.62%)	1461 (4793)	1461 (4793)
	RESA dimensions 60M X 90M commences RWY end.				
36	(2)	1461 (4793)	1521 (4990) (3.82%)	1461 (4793)	1461 (4793)
	RESA dimensions 60M X 90M commences RWY end.				
	Slope Level. RWY WID 23 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05- 1338(4390)(1.6) 1593(5226)(1.9) 1763(5784)(2.2) 1897(6224)(2.5)
RWY23- 1741(5712)(1.6) 1933(6342)(1.9) 2076(6811)(2.2)
RWY18- 1222(4009)(1.6) 1357(4452)(1.9) 1440(4724)(2.2) 1501(4924)(2.5)
RWY36- 1020(3346)(1.6) 1183(3881)(1.9) 1270(4167)(2.2) 1338(4390)(2.5) 1469(4819)(3.3)

MANINGRIDA

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(3)	1530 (5020)	1590 (5216) (2.06%)	1530 (5020)	1530 (5020)
	RESA dimensions 60M X 60M commences from RWY end.				
32	(3)	1530 (5020)	1590 (5216) (1.2%)	1530 (5020)	1530 (5020)
	RESA dimensions 90M X 60M commences from RWS end.				
	RWY 14/32 OBST surveys are conducted using 90M inner edge width.				
	Slope 0.3% down to NW. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY14- 1069(3507)(1.6) 1444(4737)(1.9)

MANJIMUP

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(1)	1224 (4016)	1284 (4213) (3.41%)	1224 (4016)	1224 (4016)
	Transition surface may be infringed by vegetation, IWI and parked aircraft adjacent to RWS.				
30	(1)	1224 (4016)	1284 (4213) (3.21%)	1224 (4016)	1224 (4016)
	Transition surface may be infringed by vegetation, IWI and parked aircraft adjacent to RWS.				
	Slope 0.32% down to SE. RWY WID 18 RWS WID 80 Graded 80				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 996(3268)(1.6) 1076(3530)(1.9) 1137(3730)(2.2) 1186(3891)(2.5) 1275(4183)(3.3)
RWY30- 813(2667)(1.6) 973(3192)(1.9) 1083(3553)(2.2) 1162(3812)(2.5)

MARBLE BAR

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(3)	2050 (6726)	2110 (6922) (1.91%)	2050 (6726)	1900 (6234)
	RESA dimensions 90M X 60M commences from RWS end.				
	TKOF run commences at starter extension, 150M beyond THR RWY 09.				
27	(3)	1900 (6234)	1960 (6430) (1.83%)	1900 (6234)	1900 (6234)
	RESA dimensions 220M X 60M commences from RWS end.				
	TNS infringed by terrain rising up to 6FT from 400M W of TWY A.				
	Slope 0.223% down to W. RWY WID 30 RWS WID 90 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 2080(6824)(1.6) 2109(6919)(1.9)
RWY27- 1920(6299)(1.6)

MAREEBA

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(3)	1839 (6033)	1899 (6230) (5.21%)	1839 (6033)	1672 (5485)

RESA dimensions 150M X 60M commences from RWY end.
1. RWY 10 DTHR 167M.
2. RWY 10 90M TKOF inner edge WID.
3. RWY 10 150M approach inner edge.

RWY	(CN)	TORA	TODA	ASDA	LDA
28	(3)	1672 (5485)	1732 (5682) (2.45%)	1672 (5485)	1505 (4938)

RESA dimensions 150M X 60M commences from RWY end.
1. RWY 28 DTHR 167M.
2. RWY 28 150M TKOF inner edge.
3. RWY 10/28 TKOF/Climb SFC Non-ICAO length surveyed 7500M.
4. OBST levee bank, located 72M S of RCL, 1M W and 4FT ABV CWY not taken into account in calculation of TODA gradient or STODA.

Slope 0.55% down to W. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY10- 806(2644)(1.9) 1110(3642)(2.2) 1334(4377)(2.5) 1634(5361)(3.3) 1881(6171)(5.0)
RWY28- 1480(4856)(1.6) 1591(5220)(1.9) 1668(5472)(2.2)

MARYBOROUGH (QLD)

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(2)	885 (2904)	945 (3100) (3.9%)	885 (2904)	885 (2904)

RESA dimensions 60M X 90M commences from RWS end.

RWY	(CN)	TORA	TODA	ASDA	LDA
30	(2)	885 (2904)	945 (3100) (2.43%)	885 (2904)	885 (2904)

RESA dimensions 60M X 90M commences from RWS end.
Slope 0.2% down to NW. RWY WID 30 RWS WID 90

RWY	(CN)	TORA	TODA	ASDA	LDA
17	(3)	1587 (5207)	1707 (5600) (3.63%)	1587 (5207)	1587 (5207)

RESA dimensions 90M X 90M commences from RWS end.

RWY	(CN)	TORA	TODA	ASDA	LDA
35	(3)	1587 (5207)	1647 (5403) (3.27%)	1587 (5207)	1587 (5207)

RESA dimensions 90M X 90M commences from RWS end.
Slope 0.2% down to N. RWY WID 30 RWS WID 90 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 866(2841)(3.3)
RWY30- 801(2628)(1.9) 904(2966)(2.2)
RWY17- 907(2976)(1.6) 1167(3829)(1.9) 1350(4429)(2.2) 1487(4879)(2.5) 1679(5508)(3.3)
RWY35- 1115(3658)(1.6) 1347(4419)(1.9) 1457(4780)(2.2) 1526(5007)(2.5)

MCARTHUR RIVER MINE

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(3)	2500 (8202)	2560 (8399) (1.78%)	2500 (8202)	2500 (8202)

RESA dimensions 240M X 60M commences from RWY end.

RWY	(CN)	TORA	TODA	ASDA	LDA
24	(3)	2500 (8202)	2560 (8399) (3.2%)	2500 (8202)	2500 (8202)

RESA dimensions 240M X 60M commences from RWY end.
Slope W end level. E end 0.3% down to E. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06- 2425(7956)(1.6)
RWY24- 2312(7585)(1.6) 2389(7838)(1.9) 2449(8035)(2.2) 2493(8179)(2.5)

MEEKATHARRA

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(3)	2181 (7155)	2241 (7352) (1.2%)	2181 (7155)	2181 (7155)

RESA dimensions 90M X 30M commences from RWY end.

27	(3)	2181 (7155)	2241 (7352) (1.61%)	2181 (7155)	2181 (7155)

RESA dimensions 90M X 30M commences from RWY end.

RWY 09/27 APCH inner edge length 150M.

Slope 0.12% down to E. RWY WID 30 RWS WID 150

15	(2)	1065 (3494)	1125 (3691) (1.35%)	1065 (3494)	1065 (3494)
33	(2)	1065 (3494)	1125 (3691) (1.2%)	1065 (3494)	1065 (3494)

Slope 0.1% down to NW. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY27- 2241(7352)(1.6)

MELBOURNE

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(4)	2286 (7500)	2436 (7992) (2.1%)	2346 (7697)	2286 (7500)

RESA dimensions 240M X 150M commences from RWS end.

TNS infringed by trees RWY 09.

27	(4)	2286 (7500)	2436 (7992) (1.55%)	2346 (7697)	2286 (7500)

RESA dimensions 240M X 150M commences from RWS end.

1. RWY 27 APCH lights up to 2FT high WI CWY.

2. RWY 27 APCH lights BTN 0 and 60M FM CWY end and 2FT ABV CWY end are not taken into account in calculation of TODA GRAD and STODA.

3. TNS infringed N side by OBST (illuminated WDI), 100M FM RWY 09 THR.

4. TNS and APCH SFC infringed by trees RWY 27.

Slope E end level, centre 0.4% down to W. W end 0.1% down to E. RWY WID 45 RWS WID 280

16	(4)	3657 (11998)	3777 (12392) (2.19%)	3717 (12195)	3657 (11998)

RESA dimensions 240M X 150M commences from RWS end.

34	(4)	3657 (11998)	3837 (12588) (2.04%)	3717 (12195)	3657 (11998)

RESA dimensions 240M X 150M commences from RWS end.

1. TNS infringed by trees both RWY.

2. RWY 34 APCH SFC infringed by trees.

3. RWY 16 APCH lights up to 3FT high WI CWY.

4. RWY 16 APCH lights BTN 3M & 124M FM RWY 34 CWY end and FM 3FT to 7FT ABV CWY end are not taken into account in calculation of TODA GRAD and STODA.

Slope 0.9% down to S. RWY WID 60 RWS WID 280

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 2269(7444)(1.6) 2389(7838)(1.9)
RWY16- 3633(11919)(1.6) 3713(12182)(1.9)
RWY34- 3384(11102)(1.6) 3734(12251)(1.9)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY09-	TKOF from TWY N;	RWY remaining 1629(5344)	reduce all DIST by 657(2155)
RWY27-	TKOF from TWY A;	RWY remaining 1657(5436)	reduce all DIST by 629(2064)
RWY27-	TKOF from TWY V;	RWY remaining 1471(4826)	reduce all DIST by 815(2674)
RWY16-	TKOF from RWY INT;	RWY remaining 2731(8960)	reduce all DIST by 926(3038)
RWY16-	TKOF from TWY C;	RWY remaining 3353(11001)	reduce all DIST by 304(997)
RWY16-	TKOF from TWY E;	RWY remaining 2343(7687)	reduce all DIST by 1314(4311)
RWY16-	TKOF from TWY F;	RWY remaining 1811(5942)	reduce all DIST by 1846(6056)
RWY34-	TKOF from TWY E;	RWY remaining 1350(4429)	reduce all DIST by 2307(7569)
RWY34-	TKOF from TWY G;	RWY remaining 1945(6381)	reduce all DIST by 1712(5617)
RWY34-	TKOF from TWY J;	RWY remaining 2903(9524)	reduce all DIST by 754(2474)

LAHSO DISTANCES

LDA for LAHSO

RWY 34 - 2613(8573)

MELBOURNE/AVALON

RWY	(CN)	TORA	TODA	ASDA	LDA
18	(4)	3048 (10000)	3353 (11001) (1.79%)	3108 (10197)	3048 (10000)
	RESA dimensions 90M X 90M commences from RWS end.				
36	(4)	3048 (10000)	3291 (10797) (1.86%)	3108 (10197)	3048 (10000)
	RESA dimensions 90M X 90M commences from RWS end.				
	Slope 0.03% down to N. RWY WID 45 RWS WID 300 Graded 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY18- 3327(10915)(1.6)
RWY36- 3144(10315)(1.6)

MELBOURNE/ESSENDON

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(4)	1921 (6302)	1981 (6499) (2.28%)	1921 (6302)	1921 (6302)
	RESA dimensions 60M X 90M commences from RWY end.				
26	(4)	1921 (6302)	1981 (6499) (3.87%)	1921 (6302)	1921 (6302)
	RESA dimensions 60M X 90M commences from RWY end.				
	1. OBST in flyover area of RWS refer ERSA.				
	2. Multiple lit and unlit masts BTN 2061-2204M FM RWY 26 SOT BTN 101M L and 101M R RCL.				
	3. Masts infringe 2% TKOF SFC up to 3.3% not ABV 261FT AMSL.				
	4. Masts are street lights along the Tullamarine Freeway.				
	Slope 0.4% down to the W for 700M then 0.2% down to E for the remainder. RWY WID 45 RWS WID 180 Graded 150				
17	(3)	1503 (4931)	1563 (5128) (2.78%)	1503 (4931)	1503 (4931)
	RESA dimensions 60M X 90M commences from RWY end.				
35	(3)	1503 (4931)	1563 (5128) (1.82%)	1503 (4931)	1503 (4931)
	RESA dimensions 60M X 90M commences from RWY end.				
	RWY 35 fixed distance and touch down zone markings displaced 33M to N.				
	Slope 0.9% down to S. RWY WID 45 RWS WID 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08- 1918(6293)(1.6) 1949(6394)(1.9) 1973(6473)(2.2)
RWY26- 1740(5709)(1.6) 1798(5899)(1.9) 1839(6033)(2.2) 1873(6145)(2.5) 1942(6371)(3.3)
RWY17- 1414(4639)(1.6) 1459(4787)(1.9) 1494(4902)(2.2) 1533(5029)(2.5)
RWY35- 1302(4272)(1.6)

MELBOURNE/MOORABBIN

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(1)	571 (1873)	601 (1972) (5.61%)	571 (1873)	500 (1640)
	RWY 04 DTHR 71M(232FT).				
22	(1)	571 (1873)	601 (1972) (5.34%)	571 (1873)	541 (1775)
	RWY 22 DTHR 30M(98FT).				
	Slope 0.2% down to SW. RWY WID 18 RWS WID 60 Graded 60				
13L	(2)	1149 (3770)	1209 (3966) (3.45%)	1149 (3770)	1040 (3412)
	RWY 13L DTHR 109M(358FT).				
31R	(2)	1149 (3770)	1209 (3966) (7.82%)	1149 (3770)	1149 (3770)
	RWS surveyed to 80M.				
	Slope 0.4% down to SE. RWY WID 30 RWS WID 80 Graded 90				
13R	(1)	1060 (3478)	1120 (3674) (4%)	1060 (3478)	894 (2933)
	RWY 13R DTHR 166M(545FT).				
31L	(1)	1060 (3478)	1120 (3674) (3.48%)	1060 (3478)	914 (2999)
	1. RWY 31L DTHR 146M(480FT).				
	2. ACFT 18FT AGL taxiing on TWY A, 1140 FM SOT RWY 31L not taken into account in the calculation of TODA GRAD.				
	3. RWS surveyed to 80M.				
	Slope 0.4% down to SE. RWY WID 18 RWS WID 80 Graded 90				
17L	(2)	1335 (4380)	1395 (4577) (5.03%)	1335 (4380)	1050 (3445)
	RESA dimensions 60M X 60M commences from RWS end.				
	RWY 17L DTHR 285M(936FT).				
35R	(2)	1335 (4380)	1395 (4577) (10.25%)	1335 (4380)	1160 (3806)
	RESA dimensions 60M X 60M commences from RWY end.				
	Unlit OBST fence 8.7FT ABV and 27M N of RWS end is not included in calculation of TODA GRAD and STODA.				
	1. RWY 35R DTHR 175M(574FT).				
	2. RWS surveyed to 140M.				
	Slope 0.4% down to S. RWY WID 30 RWS WID 140 Graded 90				
17R	(1)	1240 (4068)	1300 (4265) (6.83%)	1240 (4068)	1046 (3432)
	RWY 17R DTHR 194M(636FT).				
35L	(1)	1240 (4068)	1300 (4265) (10.52%)	1240 (4068)	1086 (3563)
	1. RWY 35L DTHR 154M(505FT).				
	2. RWS surveyed to 80M.				
	Slope 0.4% down to S. RWY WID 18 RWS WID 80 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY13L-	853(2799)(1.9)	954(3130)(2.2)	1036(3399)(2.5)	1193(3914)(3.3)	
RWY31R-	907(2976)(3.3)	1089(3573)(5.0)			
RWY13R-	805(2641)(2.2)	898(2946)(2.5)	1075(3527)(3.3)		
RWY31L-	1087(3566)(3.3)				
RWY17L-	808(2651)(1.6)	926(3038)(1.9)	1019(3343)(2.2)	1095(3592)(2.5)	1233(4045)(3.3)
	1393(4570)(5.0)				
RWY35R-	837(2746)(2.2)	999(3278)(2.5)	1224(4016)(3.3)	1323(4340)(5.0)	
RWY17R-	839(2753)(2.5)	1004(3294)(3.3)	1193(3914)(5.0)		
RWY35L-	953(3127)(3.3)	1131(3711)(5.0)			

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY17R-	TKOF from TWY A1;	RWY remaining 1079(3540)	reduce all DIST by 161(528)
RWY35L-	TKOF from TWY A7;	RWY remaining 1066(3497)	reduce all DIST by 174(571)

MERIMBULA

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(3)	1602 (5256)	1662 (5453) (3.21%)	1602 (5256)	1602 (5256)

RESA dimensions 90M X 60M commences from RWY end.
Fence 7.9FT ABV and PARL to RWY, 81M E of RCL, and transient OBST up to 13.4FT ABV and 95M NE of RWS end, not taken into account in the calculation of TODA GRAD and STODA.
Use of alternate start position RWY 03 PPR.
RWY 03 ALTERNATE declared distances:

TORA	TODA	ASDA	LDA
1721	1781(3.21)	1721	1602

SUPPLEMENTARY TAKEOFF DISTANCES
1010(2.2) 1350(2.5)

RWY	(CN)	TORA	TODA	ASDA	LDA
21	(3)	1602 (5256)	1662 (5453) (3.53%)	1602 (5256)	1602 (5256)

RESA dimensions 90M X 60M commences from RWY end.
TKOF climb SFC inner edge 150M. Transition SFC infringed by trees both sides of RWY.
Use of alternate start position RWY 21 PPR.
RWY 21 ALTERNATE declared distances:

TORA	TODA	ASDA	LDA
1721	1781(3.53)	1721	1602

SUPPLEMENTARY TAKEOFF DISTANCES
1673(3.3)
Slope Level. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES
RWY03- 891(2923)(2.2) 1231(4039)(2.5)
RWY21- 1554(5098)(3.3)

MILDURA

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(4)	1830 (6004)	1920 (6299) (2.03%)	1830 (6004)	1830 (6004)

RESA dimensions 120M X 90M commences from RWS end.
Transition SFC infringed.
Use of alternate start position RWY 09 requires PPR.
RWY 09 ALTERNATE declared distances:

TORA	TODA	ASDA	LDA
1947	2037(1.89)	1947	1830

SUPPLEMENTARY TKOF DISTANCES
1967(1.6)

RWY	(CN)	TORA	TODA	ASDA	LDA
27	(4)	1830 (6004)	1890 (6201) (1.7%)	1830 (6004)	1830 (6004)

RESA dimensions 90M X 90M commences from RWS end.
Transition SFC infringed.
Slope 0.1% down to E. RWY WID 45 RWS WID 300 Graded 150

RWY	(CN)	TORA	TODA	ASDA	LDA
18	(2)	1139 (3737)	1199 (3934) (2.54%)	1139 (3737)	1139 (3737)

RESA dimensions 60M X 60M commences from RWS end.
Transient OBST up to 6FT ABV and 85M S of RWS end not taken into account in calculation of TODA gradient and STODA.

RWY	(CN)	TORA	TODA	ASDA	LDA
36	(2)	1139 (3737)	1199 (3934) (2.03%)	1139 (3737)	1139 (3737)

RESA dimensions 60M X 60M commences from RWS end.
CAUTION: Transient OBST up to 13FT ABV and 76M N of RWS end are not taken into account in the calculation of TODA GRAD and STODA.
Slope 0.1% down to N. RWY WID 30 RWS WID 90 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 1834(6017)(1.6) 1898(6227)(1.9)
RWY27- 1828(5997)(1.6)
RWY18- 1006(3300)(1.6) 1094(3589)(1.9) 1152(3779)(2.2) 1195(3921)(2.5)
RWY36- 994(3261)(1.6) 1140(3740)(1.9)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY09- TKOF from TWY D; RWY remaining 987(3238) reduce all DIST by 843(2766)
RWY27- TKOF from RWY INT; RWY remaining 1463(4800) reduce all DIST by 367(1204)
RWY27- TKOF from TWY C; RWY remaining 1166(3825) reduce all DIST by 664(2178)
RWY27- TKOF from TWY D; RWY remaining 861(2825) reduce all DIST by 969(3179)

MILES

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(2)	1590 (5216)	1650 (5413) (1.24%)	1590 (5216)	1590 (5216)
22	(2)	1590 (5216)	1650 (5413) (2.64%)	1590 (5216)	1590 (5216)

Caution unlit OBST fence at RWY 22 TODA end 2.1FT ABV RWY has not been taken into account in calculation of TODA GRAD.

Slope SW end 0.1% down to NE. NE end 0.4% down to SW. RWY WID 30 RWS WID 90 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY22- 1376(4514)(1.6) 1485(4872)(1.9) 1565(5134)(2.2) 1627(5338)(2.5)

MILINGIMBI

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(2)	1410 (4626)	1470 (4823) (1.76%)	1410 (4626)	1410 (4626)

RESA dimensions 60M X 60M commences from RWS end.

29	(2)	1410 (4626)	1470 (4823) (2.66%)	1410 (4626)	1410 (4626)

RESA dimensions 60M X 60M commences from RWS end.

RWY 11/29 OBST surveys are conducted using 90M inner edge width.

Slope 0.4% down to SE. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11- 1411(4629)(1.6)
RWY29- 1016(3333)(1.6) 1200(3937)(1.9) 1330(4363)(2.2) 1426(4678)(2.5)

MOOMBA

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(3)	1718 (5636)	1778 (5833) (1.95%)	1718 (5636)	1718 (5636)

RESA dimensions 90M X 60M commences from RWY end.

30	(3)	1718 (5636)	1778 (5833) (1.71%)	1718 (5636)	1718 (5636)

RESA dimensions 90M X 60M commences from RWY end.

Slope 0.34% down to SE. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 1760(5774)(1.6) 1776(5827)(1.9)
RWY30- 1733(5686)(1.6)

MORANBAH

RWY	(CN)	TORA	TODA	ASDA	LDA
16	(3)	1524 (5000)	1649 (5410) (2.2%)	1524 (5000)	1524 (5000)

RESA dimensions 90M X 90M commences from RWS end.

34	(3)	1524 (5000)	1649 (5410) (1.79%)	1524 (5000)	1524 (5000)

RESA dimensions 90M X 90M commences from RWS end.

Slope 0.8% down to NW. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY16- 1304(4278)(1.6) 1605(5266)(1.9)
RWY34- 1633(5358)(1.6)

MORAWA

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(1)	975 (3199)	1005 (3297) (1.99%)	975 (3199)	975 (3199)
	RESA dimensions 36M X 60M commences from RWY end.				
27	(1)	975 (3199)	1005 (3297) (4.16%)	975 (3199)	975 (3199)
	RESA dimensions 36M X 60M commences from RWY end.				
	Slope 0.1% down to E. RWY WID 18 RWS WID 60				
15	(2)	1350 (4429)	1410 (4626) (1.59%)	1350 (4429)	1350 (4429)
	RESA dimensions 60M X 60M commences from RWS end.				
33	(2)	1350 (4429)	1410 (4626) (2.1%)	1350 (4429)	1350 (4429)
	RESA dimensions 60M X 60M commences from RWS end.				
	Slope 0.67% down to SSE. RWY WID 30 RWS WID 80				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 978(3209)(1.6) 999(3278)(1.9)
RWY27- 902(2959)(3.3)
RWY33- 1080(3543)(1.6) 1370(4495)(1.9)

MOREE

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(3)	1613 (5292)	1673 (5489) (3.32%)	1613 (5292)	1613 (5292)
	RESA dimensions 90M X 60M commences from RWY end.				
	RWY 01 - Infrequent transient OBST not accounted for in TKOF SFC survey.				
19	(3)	1613 (5292)	1703 (5587) (1.37%)	1613 (5292)	1613 (5292)
	RESA dimensions 60M X 60M commences from RWY end.				
	Slope 0.1% down to S. RWY WID 30 RWS WID 150 Graded 90				
05	(2)	977 (3205)	1037 (3402) (2.38%)	977 (3205)	977 (3205)
23	(2)	977 (3205)	1037 (3402) (1.2%)	977 (3205)	977 (3205)
	Slope 0.2% down to SW. RWY WID 23 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY01- 1179(3868)(1.6) 1356(4449)(1.9) 1483(4865)(2.2) 1578(5177)(2.5) 1673(5489)(3.3)
RWY05- 835(2739)(1.9) 974(3195)(2.2)

MORNINGTON ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(3)	1515 (4970)	1575 (5167) (2.6%)	1515 (4970)	1515 (4970)
	RESA dimensions 90M X 60M commences from RWY end.				
27	(3)	1515 (4970)	1575 (5167) (1.41%)	1515 (4970)	1515 (4970)
	RESA dimensions 90M X 60M commences from RWY end.				
	RWY 09/27 length of TKOF and APCH inner edge 90M (non-standard).				
	Slope Level. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 1112(3648)(1.6) 1302(4272)(1.9) 1440(4724)(2.2) 1545(5069)(2.5)

MORUYA

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(2)	827 (2713)	887 (2910) (4.21%)	827 (2713)	827 (2713)
	RESA dimensions 60M X 80M commences from RWS end.				
22	(2)	827 (2713)	887 (2910) (4.57%)	827 (2713)	827 (2713)
	RESA dimensions 150M X 80M commences from RWS end.				
	Slope 0.1% down to NE. RWY WID 18 RWS WID 80				
18	(3)	1523 (4997)	1583 (5194) (6.81%)	1523 (4997)	1523 (4997)
	RESA dimensions 160M X 90M commences from RWS end.				
36	(3)	1523 (4997)	1583 (5194) (3.82%)	1523 (4997)	1523 (4997)
	RESA dimensions 90M X 90M commences from RWS end.				
	Fence 6FT high parallel to and adjacent to both sides of RWS edge N end, not taken into account in calculation of TODA GRAD and STODA.				
	Slope Level. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 803(2634)(2.5) 851(2792)(3.3)
RWY18- 1401(4596)(3.3) 1527(5010)(5.0)
RWY36- 848(2782)(1.6) 1089(3573)(1.9) 1254(4114)(2.2) 1368(4488)(2.5) 1538(5046)(3.3)

MOUNT GAMBIER

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(2)	846 (2776)	906 (2972) (3.79%)	846 (2776)	846 (2776)
24	(2)	846 (2776)	962 (3156) (4%)	846 (2776)	846 (2776)
	Slope 0.3% down to SW. RWY WID 30 RWS WID 90				
11	(2)	922 (3025)	985 (3232) (4.19%)	922 (3025)	922 (3025)
	RWY 11 APCH transitional SFC NE side infringed by trees.				
29	(2)	922 (3025)	982 (3222) (3.87%)	922 (3025)	922 (3025)
	Slope 0.1% down to SE. RWY WID 30 RWS WID 90				
18	(3)	1644 (5394)	1704 (5590) (3.74%)	1644 (5394)	1644 (5394)
	RESA dimensions 90M X 60M commences from RWS end.				
36	(3)	1644 (5394)	1704 (5590) (2.25%)	1644 (5394)	1644 (5394)
	RESA dimensions 90M X 60M commences from RWS end.				
	RWY 36 APCH transitional SFC infringed 10FT by trees 180M E and 155M W of RCL.				
	Slope 0.3% down to S. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06- 861(2825)(3.3)
RWY24- 949(3113)(3.3)
RWY11- 853(2799)(3.3)
RWY29- 833(2733)(3.3)
RWY18- 1004(3294)(1.6) 1164(3819)(1.9) 1303(4275)(2.2) 1414(4639)(2.5) 1627(5338)(3.3)
RWY36- 1085(3560)(1.6) 1459(4787)(1.9) 1681(5515)(2.2)

MOUNT GORDON

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(2)	1170 (3839)	1230 (4035) (4.56%)	1170 (3839)	1170 (3839)
26	(2)	1170 (3839)	1230 (4035) (7.46%)	1170 (3839)	1170 (3839)
	Slope 1.0% down to E. RWY WID 30 RWS WID 80				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08- 824(2703)(1.6) 918(3012)(1.9) 991(3251)(2.2) 1050(3445)(2.5) 1160(3806)(3.3)
RWY26- 945(3100)(3.3) 1173(3848)(5.0)

MOUNT HOLLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(2)	1600 (5249)	1660 (5446) (2.73%)	1600 (5249)	1600 (5249)
	RESA dimensions 90M X 60M commences from RWS end.				
26	(2)	1600 (5249)	1660 (5446) (3.07%)	1600 (5249)	1600 (5249)
	RESA dimensions 90M X 60M commences from RWS end.				
	Slope 0.33% down to E. RWY WID 30 RWS WID 140 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08- 1477(4846)(1.6) 1543(5062)(1.9) 1594(5230)(2.2) 1634(5361)(2.5)
RWY26- 1359(4459)(1.6) 1472(4829)(1.9) 1549(5082)(2.2) 1599(5246)(2.5)

MOUNT HOTHAM

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(3)	1460 (4790)	1520 (4987) (1.62%)	1460 (4790)	1460 (4790)
	RESA dimensions 90M X 90M commences from RWY end.				
29	(3)	1460 (4790)	1520 (4987) (4.96%)	1460 (4790)	1460 (4790)
	RESA dimensions 90M X 90M commences from RWY end.				
	Slope 0.7% down to E. RWY WID 30 RWS WID 90 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11- 1516(4974)(1.6)

MOUNT ISA

RWY	(CN)	TORA	TODA	ASDA	LDA
16	(4)	2560 (8399)	2620 (8596) (2.91%)	2560 (8399)	2560 (8399)
	RESA dimensions 90M X 90M commences from RWY end.				
	Parallel fence 4.4FT ABV and 3M FM RWY strip end and 87M left of extended RCL at the SE end has not been taken into account in the calculation of TODA MNM required climb gradient and supplementary TKOF DIST.				
34	(4)	2560 (8399)	2620 (8596) (3.02%)	2560 (8399)	2560 (8399)
	RESA dimensions 90M X 90M commences from RWY end.				
	APCH inner edge width 150M.				
	Slope 510M S end 0.1% down to S, 2050M N end 0.15% down to N. RWY WID 45 RWS WID 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY16- 1192(3911)(1.9) 2352(7716)(2.2) 2579(8461)(2.5)
RWY34- 1638(5374)(2.2) 2465(8087)(2.5)

MOUNT KEITH

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(3)	1797 (5896)	1860 (6102) (2.82%)	1797 (5896)	1797 (5896)
	RESA dimensions 90M X 60M commences from RWS end.				
29	(3)	1797 (5896)	1860 (6102) (2.96%)	1797 (5896)	1797 (5896)
	RESA dimensions 90M X 60M commences from RWS end.				
	1. TKOF SFC infringed by boundary fence 8FT AGL, offset 85M FM CL.				
	2. APCH RWY survey area, RWY 11/29 APCH inner edge length 150M.				
	Slope 0.32% down to E. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11- 1793(5882)(1.6) 1821(5974)(1.9) 1843(6047)(2.2) 1858(6096)(2.5)
RWY29- 1744(5722)(1.6) 1787(5863)(1.9) 1816(5958)(2.2) 1837(6027)(2.5)

MOUNT MAGNET

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(1)	900 (2953)	960 (3150) (1.2%)	900 (2953)	900 (2953)
	Fence 989M FM RWY 04 SOT and 5FT AGL.				
22	(1)	900 (2953)	960 (3150) (1.2%)	900 (2953)	900 (2953)
	Slope 0.25% down to SW. RWY WID 30 RWS WID 90				
16	(3)	1800 (5905)	1860 (6102) (1.49%)	1800 (5905)	1800 (5905)
	RESA dimensions 90M X 60M commences from RWS end.				
34	(3)	1800 (5905)	1860 (6102) (3.05%)	1800 (5905)	1800 (5905)
	RESA dimensions 90M X 60M commences from RWS end.				
	APCH SFC inner edge 150M.				
	Slope 0.5% down to S. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY34- 1639(5377)(1.6) 1722(5650)(1.9) 1776(5827)(2.2) 1814(5951)(2.5)

MUDGEE

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(3)	1739 (5705)	1799 (5902) (5.31%)	1739 (5705)	1739 (5705)
	RESA dimensions 60M X 90M commences from RWY end.				
	Lit fence 5.5FT ABV at RWS end not taken into account in the calculation of TODA, GRAD, and STODA.				
22	(3)	1739 (5705)	1799 (5902) (6.11%)	1739 (5705)	1739 (5705)
	RESA dimensions 60M X 90M commences from RWY end.				
	Fence 6.3FT ABV and 3M SW of RWS end not taken into account in the calculation of TODA, GRAD and STODA.				
	Slope 0.6% down to SW. RWY WID 30 RWS WID 90				
16	(2)	1075 (3527)	1135 (3724) (3.76%)	1075 (3527)	1075 (3527)
34	(2)	1075 (3527)	1135 (3724) (2.99%)	1075 (3527)	1075 (3527)
	Slope 0.4% down to S. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 1444(4737)(2.2) 1528(5013)(2.5) 1653(5423)(3.3) 1784(5853)(5.0)
RWY16- 868(2848)(1.9) 929(3048)(2.2) 977(3205)(2.5) 1081(3547)(3.3)
RWY34- 811(2661)(2.2) 953(3127)(2.5)

MUNGALALU-TRUSCOTT

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(3)	1800 (5905)	1860 (6102) (2.57%)	1800 (5905)	1800 (5905)
	RESA dimensions 90M X 60M commences from RWY end.				
30	(3)	1800 (5905)	1860 (6102) (2.25%)	1800 (5905)	1800 (5905)
	RESA dimensions 90M X 60M commences from RWS end.				
	1. RWY 12 OBST fence, 4FT ABV and 80M left of RWS end centreline not taken into account in the calculation of TODA GRAD and STODA.				
	2. Transitions infringed by trees.				
	3. RWY 12/30 APCH inner edge length 150M.				
	Slope 0.5% down to NW. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 1423(4669)(1.6) 1621(5318)(1.9) 1751(5745)(2.2) 1842(6043)(2.5)
RWY30- 1587(5207)(1.6) 1732(5682)(1.9) 1845(6053)(2.2)

MURRIN MURRIN

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(3)	2000 (6562)	2060 (6758) (1.88%)	2000 (6562)	2000 (6562)
	RESA dimensions 90M X 60M commences from RWS end.				
21	(3)	2000 (6562)	2060 (6758) (1.56%)	2000 (6562)	2000 (6562)
	RESA dimensions 90M X 60M commences from RWS end.				
	RWY 03/21 APCH inner edge length 150M.				
	Slope 0.10% down to N. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03- 1983(6506)(1.6)

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NARACOORTE

RWY	(CN)	TORA	TODA	ASDA	LDA
02	(2)	1337 (4386)	1397 (4583) (4.1%)	1337 (4386)	1337 (4386)
20	(2)	1337 (4386)	1397 (4583) (1.91%)	1337 (4386)	1337 (4386)
	Slope 0.1% down to S. RWY WID 23 RWS WID 90				
08	(2)	1048 (3438)	1108 (3635) (3.5%)	1048 (3438)	1048 (3438)
	RESA dimensions 90M X 60M commences from RWS end.				
26	(2)	1048 (3438)	1108 (3635) (1.25%)	1048 (3438)	1048 (3438)
	RESA dimensions 90M X 60M commences from RWS end.				
	APCH SFC 3.3% OBST clear APCH SFC LDG RWY 26 terminates at THR not RWS end.				
	Slope 0.1% down to W. RWY WID 18 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY02- 958(3143)(2.2) 1076(3530)(2.5) 1282(4206)(3.3)
RWY20- 1300(4265)(1.6) 1396(4580)(1.9)
RWY08- 1054(3458)(3.3)

NARRABRI

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(1)	800 (2625)	860 (2821) (5.37%)	800 (2625)	800 (2625)
27	(1)	800 (2625)	860 (2821) (1.2%)	800 (2625)	800 (2625)
	Slope 1.3% down to W. RWY WID 30 RWS WID 90				
18	(3)	1765 (5791)	1825 (5987) (2.04%)	1765 (5791)	1765 (5791)
	RESA dimensions 240M X 90M commences from RWS end.				
	Fence 7.3FT ABV and PARL to RWY 91M E of RCL and fence 6.6FT ABV and PARL to RWY, 86M E of RCL not taken into account in the calculation of TODA gradient and STODA.				
36	(3)	1765 (5791)	1825 (5987) (2.8%)	1765 (5791)	1765 (5791)
	RESA dimensions 240M X 90M commences from RWS end.				
	Slope 1.35% down to S for first 377M, 0.4% down to S for next 547M, then 0.9% for remainder.				
	RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 847(2779)(5.0)
RWY18- 1535(5036)(1.6) 1753(5751)(1.9)
RWY36- 1277(4190)(1.6) 1619(5312)(1.9) 1736(5695)(2.2) 1791(5876)(2.5)

NARRANDERA

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(2)	1020 (3346)	1190 (3904) (2.64%)	1130 (3707)	900 (2953)
	RWY 05 DTHR 120M.				
23	(2)	1020 (3346)	1080 (3543) (5.13%)	1020 (3346)	1020 (3346)
	Slope 0.1% down to NE. RWY WID 30 RWS WID 90				
14	(3)	1610 (5282)	1826 (5991) (5.36%)	1766 (5794)	1610 (5282)
	RESA dimensions 216M X 90M commences from RWY end.				
32	(3)	1610 (5282)	1670 (5479) (1.34%)	1610 (5282)	1610 (5282)
	RESA dimensions 60M X 90M commences from RWY end.				
	Turning nodes at both ends and 540M from THR RWY 14. WID 45.				
	Slope 0.1% down to NW. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05- 868(2848)(1.9) 1028(3373)(2.2) 1144(3753)(2.5)
RWY23- 851(2792)(3.3) 1071(3514)(5.0)
RWY14- 1087(3566)(1.6) 1319(4327)(1.9) 1483(4865)(2.2) 1598(5243)(2.5) 1701(5581)(3.3)
1812(5945)(5.0)

NARROMINE

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(2)	1100 (3609)	1160 (3806) (3.72%)	1100 (3609)	1013 (3323)
	RWY 04 DTHR 87M (285FT).				
22	(2)	1100 (3609)	1160 (3806) (6.64%)	1100 (3609)	1100 (3609)
	1. OBST unlit fence 4.2FT ABV and 7M E of RWS end not taken into account in the calculation of TODA GRAD and STODA.				
	2. OBST unlit levee 6.2FT ABV and 11M E of RWS end not taken into account in the calculation of TODA GRAD and STODA.				
	Slope Level. RWY WID 30 RWS WID 90				
11	(3)	1521 (4990)	1581 (5187) (8.73%)	1521 (4990)	1521 (4990)
	RESA dimensions 90M X 60M commences from RWY end.				
	CAUTION: Sign 9.4FT ABV and 12M E of RWS end is not taken into account in determining TODA GRAD and STODA.				
29	(3)	1521 (4990)	1581 (5187) (1.94%)	1521 (4990)	1263 (4144)
	RESA dimensions 90M X 60M commences from RWY end.				
	RWY 29 DTHR 258M (846FT).				
	Slope 0.1% down to W. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04-	857(2812)(2.5)	1081(3547)(3.3)		
RWY22-	901(2956)(2.5)	1089(3573)(3.3)	1139(3737)(5.0)	
RWY11-	989(3245)(2.2)	1152(3779)(2.5)	1440(4724)(3.3)	1523(4997)(5.0)
RWY29-	1405(4610)(1.6)	1563(5128)(1.9)		

NEWMAN

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(3)	2072 (6798)	2132 (6995) (1.39%)	2072 (6798)	2072 (6798)
	RESA dimensions 60M X 90M commences from RWY end.				
23	(3)	2072 (6798)	2132 (6995) (1.94%)	2072 (6798)	2072 (6798)
	RESA dimensions 60M X 90M commences from RWY end.				
	Slope 0.1% down to NE. RWY WID 30 RWS WID 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY23-	1897(6224)(1.6)	2111(6926)(1.9)

NGUKURR

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(2)	1530 (5020)	1590 (5216) (2.93%)	1530 (5020)	1530 (5020)
29	(2)	1530 (5020)	1590 (5216) (2.1%)	1530 (5020)	1530 (5020)
	Slope 0.3% down to E. RWY WID 18 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11-	1269(4163)(1.6)	1375(4511)(1.9)	1456(4777)(2.2)	1520(4987)(2.5)
RWY29-	1458(4783)(1.6)	1547(5075)(1.9)		

NHILL

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(2)	1000 (3281)	1060 (3478) (3.15%)	1000 (3281)	1000 (3281)
	RESA dimensions 60M X 60M commences from RWY end.				
27	(2)	1000 (3281)	1060 (3478) (2.13%)	1000 (3281)	1000 (3281)
	RESA dimensions 60M X 60M commences from RWY end.				
	Slope 0.8% down to W. RWY WID 18 RWS WID 90				
18	(1)	1102 (3615)	1162 (3812) (2.64%)	1102 (3615)	1102 (3615)
36	(1)	1102 (3615)	1162 (3812) (2.84%)	1102 (3615)	1102 (3615)
	Slope 0.5% down to S. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09-	897(2943)(2.5)			
RWY27-	879(2884)(1.6)	977(3205)(1.9)		
RWY18-	998(3274)(1.6)	1038(3405)(1.9)	1092(3583)(2.2)	1140(3740)(2.5)
RWY36-	804(2638)(2.2)	959(3146)(2.5)		

NIFTY

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(3)	2039 (6690)	2099 (6886) (1.77%)	2039 (6690)	2039 (6690)
	RESA dimensions 90M X 90M commences from RWS end.				
30	(3)	2039 (6690)	2099 (6886) (3.03%)	2039 (6690)	2039 (6690)
	RESA dimensions 90M X 90M commences from RWS end.				
	RWY 12/30 APCH inner edge length 150M. Approach GRAD 3.33%.				
	Slope Level. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12-	2087(6847)(1.6)			
RWY30-	1954(6411)(1.6)	2003(6571)(1.9)	2038(6686)(2.2)	2064(6772)(2.5)

NORFOLK ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(2)	1435 (4708)	1495 (4905) (3.78%)	1435 (4708)	1435 (4708)
22	(2)	1435 (4708)	1495 (4905) (2.45%)	1435 (4708)	1435 (4708)
	RWY 04/22 APCH & TKOF survey conducted using 90M inner edge WID.				
	Slope 0.9% down to SW. RWY WID 30 RWS WID 90				
11	(4)	1950 (6398)	2010 (6594) (1.2%)	1950 (6398)	1890 (6201)
29	(4)	1950 (6398)	2010 (6594) (1.97%)	1950 (6398)	1890 (6201)
	RESA dimensions 78M X 64M commences from RWY end.				
	TKOF run commences at end starter extension for both directions, 60M beyond THR at either RWY end.				
	Slope 0.7% down to W. RWY WID 45 RWS WID 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04-	953(3127)(2.5)	1387(4550)(3.3)	
RWY22-	1322(4337)(1.6)	1410(4626)(1.9)	1480(4856)(2.2)
RWY29-	1961(6434)(1.6)	2002(6568)(1.9)	

NORMANTON

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(3)	1676 (5499)	1736 (5695) (2.28%)	1676 (5499)	1676 (5499)

RESA dimensions 150M X 60M commences from RWY end.
1. Unlit OBST fence 7.5FT ABV and 20M SE of RWS end has not been taken into account in calculation of TODA GRAD and STODA.
2. 3.33% OBST CLR APCH SFC LDG RWY 14 terminates at THR, not RWS end.

32	(3)	1676 (5499)	1736 (5695) (3.22%)	1676 (5499)	1676 (5499)

RESA dimensions 80M X 60M commences from RWY end.
1. Unlit OBST fence 6.5FT ABV and 35M N of RWS end has not been taken into account in calculation of TODA GRAD and STODA.
2. 3.33% OBST CLR APCH SFC LDG RWY 32 terminates at THR, not RWS end.
Slope 0.8% down to NW. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY14-	1474(4836)(1.6)	1634(5361)(1.9)	1727(5666)(2.2)	
RWY32-	1647(5403)(1.6)	1667(5469)(1.9)	1686(5531)(2.2)	1705(5594)(2.5)

NORTHERN PENINSULA

RWY	(CN)	TORA	TODA	ASDA	LDA
13	(3)	1834 (6017)	1894 (6214) (2.92%)	1834 (6017)	1834 (6017)

RESA dimensions 90M X 90M commences from RWY end.
TKOF inner edge infringed by fence 1894M FM RWY 13 SOT 1FT ABV CWY (19FT AMSL) and 76M L of CL fence 1894M FM RWY 13 SOT 10FT ABV CWY (28FT AMSL) and 72M R of CL.

31	(3)	1834 (6017)	1894 (6214) (3.32%)	1834 (6017)	1834 (6017)

RESA dimensions 60M X 90M commences from RWY end.
1. Transitional SFC infringed by terrain, apron LGT and IWI on W side.
2. Transitional SFC infringed by trees on each side at S end.
3. RWY 13/31 APCH inner edge length 150M.
4. RWY 13/31 TKOF inner edge length 180M.
Slope 0.3% down to SE. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY13-	1414(4639)(1.6)	1613(5292)(1.9)	1719(5640)(2.2)	1802(5912)(2.5)
RWY31-	1181(3875)(2.2)	1477(4846)(2.5)	1888(6194)(3.3)	

NOVA

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(3)	2000 (6562)	2060 (6758) (2.74%)	2000 (6562)	2000 (6562)

RESA dimensions 90M X 60M commences from RWS end.

24	(3)	2000 (6562)	2060 (6758) (2.43%)	2000 (6562)	2000 (6562)

RESA dimensions 90M X 60M commences from RWS end.
RWY 06/24 APCH inner edge length 150M.
Slope 0.46% down to NE. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06-	1720(5643)(1.6)	1841(6040)(1.9)	1935(6348)(2.2)	2010(6594)(2.5)
RWY24-	1791(5876)(1.6)	1924(6312)(1.9)	2010(6594)(2.2)	

NOWRA

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(MIL)	2046 (6713)	2106 (6909) (5.53%)	2046 (6713)	2046 (6713)
21	(MIL)	2046 (6713)	2106 (6909) NIL	2046 (6713)	2046 (6713)

1.TODA gradient RWY 21 not provided due obstructions in the CWY.

2.TKOF/Climb SFC inner edge WID 180.

Slope down 0.8% to NE to 450M, then down 0.2% to 650M, then up 0.3% to 850M, then up 0.9% to 1850M, then up 0.4% to RWY end. RWY WID 45 RWS WID 230

08	(MIL)	2003 (6571)	2063 (6768) (34.74%)	2003 (6571)	2003 (6571)
26	(MIL)	2094 (6870)	2154 (7067) (10.55%)	2094 (6870)	2003 (6571)

1. RWY 26 DTHR 91M.

2. TKOF/Climb SFC inner edge WID 180M.

3. RWS WID RWY 08/26 southern side at start of RWY 26 reduced due perimeter road. RWS WID 58M FM RWY CL (south side) for first 50M, remainder unchanged.

4. CAUTION: Transitional SFC at E end RWY 08/26 may be infringed by transient vehicles.

5. CRITICAL OBSTACLES: WIP REF trees, CTC AD OPR for current status.

Slope down 2.5% to E to 400M, then down 0.7% to 1200M, then down 0.4% to 1500M, then up 0.3% to 1650M, then up 1.0% to RWY end. RWY WID 45 RWS WID 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03- 987(3238)(1.9) 1141(3743)(2.0) 1336(4383)(2.2) 1544(5066)(2.5) 1870(6135)(3.3) 2094(6870)(5.0)
RWY21- 878(2881)(2.0) 1131(3711)(2.2) 1348(4423)(2.5) 1751(5745)(3.3) 1979(6493)(5.0)
RWY08- 1360(4462)(1.6) 1466(4810)(1.9) 1500(4921)(2.0) 1558(5111)(2.2) 1640(5381)(2.5) 1804(5919)(3.3) 1937(6355)(5.0)
RWY26- 1183(3881)(3.3) 1723(5653)(5.0)

NUMBULWAR

RWY	(CN)	TORA	TODA	ASDA	LDA
15	(2)	1320 (4331)	1380 (4528) (3.43%)	1320 (4331)	1320 (4331)
33	(2)	1320 (4331)	1380 (4528) (1.48%)	1320 (4331)	1320 (4331)

Slope 0.2% down to NW. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY15- 1191(3907)(1.6) 1248(4094)(1.9) 1289(4229)(2.2) 1320(4331)(2.5) 1373(4505)(3.3)

NYNGAN

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(3)	1643 (5390)	1703 (5587) (4.33%)	1643 (5390)	1643 (5390)

RESA dimensions 120M X 90M commences from RWY end.

23	(3)	1643 (5390)	1703 (5587) (3.44%)	1643 (5390)	1643 (5390)

RESA dimensions 90M X 90M commences from RWY end.

Slope Level. RWY WID 30 RWS WID 150 Graded 90

18	(2)	1065 (3494)	1125 (3691) (2.7%)	1065 (3494)	1065 (3494)

RESA dimensions 120M X 90M commences from RWY end.

36	(2)	1065 (3494)	1125 (3691) (3.12%)	1065 (3494)	1065 (3494)

RESA dimensions 115M X 90M commences from RWY end.

Slope Level. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05- 1229(4032)(1.6) 1428(4685)(1.9) 1554(5098)(2.2) 1646(5400)(2.5) 1694(5558)(3.3)
RWY23- 1050(3445)(1.6) 1245(4085)(1.9) 1389(4557)(2.2) 1497(4911)(2.5) 1681(5515)(3.3)
RWY18- 982(3222)(2.2) 1122(3681)(2.5)
RWY36- 1054(3458)(1.6) 1078(3537)(1.9) 1095(3592)(2.2) 1107(3632)(2.5)

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OAKEY

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(MIL)	914 (2999)	974 (3195) (2.7%)	914 (2999)	914 (2999)
23	(MIL)	914 (2999)	974 (3195) (1.36%)	914 (2999)	914 (2999)

1. TKOF/Climb SFC overall length 2,500M.
2. TKOF/Climb SFC inner edge WID 80M.

Slope 0.19% down to SW. RWY WID 23 RWS WID 90

09	(MIL)	1089 (3573)	1149 (3770) (1.45%)	1089 (3573)	1089 (3573)
27	(MIL)	1089 (3573)	1149 (3770) (5.99%)	1089 (3573)	1089 (3573)

1. TKOF/Climb SFC overall length 2,500M.
2. TKOF/Climb SFC inner edge WID 80M.

Slope 0.24% down to W. RWY WID 23 RWS WID 90

14	(MIL)	1649 (5410)	1709 (5607) (2.88%)	1649 (5410)	1649 (5410)

1. RWY 14 2% SUPP GRAD - 1637(5370)
2. RWY 14 5400 FT (H24).

32	(MIL)	1707 (5600)	1767 (5797) (1.5%)	1707 (5600)	1707 (5600)

1. RWY 32 reduced to 5,400FT (HN).
2. TKOF/Climb SFC inner edge WID 180.
3. Extra pavement 58M included in AVBL RWY 32 TORA.
4. TKOF/climb SFC overall length 15,000M.

Slope 0.03% down to NW. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05-	832(2730)(2.2)	925(3035)(2.5)			
RWY27-	908(2979)(1.9)	949(3113)(2.0)	1032(3386)(2.2)	1065(3494)(2.5)	1097(3599)(3.3)
	1136(3727)(5.0)				
RWY14-	1214(3983)(1.9)	1641(5384)(2.0)	1660(5446)(2.2)	1685(5528)(2.5)	

OENPELLI

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(2)	1320 (4331)	1380 (4528) (2.52%)	1320 (4331)	1320 (4331)
30	(2)	1320 (4331)	1380 (4528) (3.06%)	1320 (4331)	1320 (4331)

Slope 0.2% down to NW, 0.2% down to SE. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12-	1126(3694)(1.6)	1233(4045)(1.9)	1313(4308)(2.2)	1375(4511)(2.5)
RWY30-	1216(3989)(1.6)	1268(4160)(1.9)	1307(4288)(2.2)	1338(4390)(2.5)

OLYMPIC DAM

RWY	(CN)	TORA	TODA	ASDA	LDA
07	(3)	1860 (6102)	1920 (6299) (2.79%)	1860 (6102)	1860 (6102)

RESA dimensions 90M X 60M commences from RWS end.

25	(3)	1860 (6102)	1920 (6299) (1.86%)	1860 (6102)	1860 (6102)

RESA dimensions 90M X 60M commences from RWS end.

TNS infringed by trees north side.

Slope E end 400M 0.6% down to W, W end 0.5% down to E. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY07-	1552(5092)(1.6)	1762(5781)(1.9)	1874(6148)(2.2)	1908(6260)(2.5)
RWY25-	1450(4757)(1.6)			

ONSLOW

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(3)	1900 (6234)	1960 (6430) (2%)	1900 (6234)	1900 (6234)
	RESA dimensions 90M X 60M commences from RWS end.				
21	(3)	1900 (6234)	1960 (6430) (1.65%)	1900 (6234)	1900 (6234)
	RESA dimensions 90M X 60M commences from RWS end.				
	RWY 03/21 APCH inner edge length 150M.				
	Slope 0%. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03- 1436(4711)(1.6) 1850(6069)(1.9)
RWY21- 1956(6417)(1.6)

ORANGE

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(1)	964 (3163)	1024 (3360) (6.43%)	964 (3163)	964 (3163)
	RESA dimensions 117M X 122M commences from RWY end.				
22	(1)	964 (3163)	1024 (3360) (3.56%)	964 (3163)	964 (3163)
	RESA dimensions 109M X 171M commences from RWY end.				
	Slope 0.9% down to NE. RWY WID 30 RWS WID 90				
11	(3)	2213 (7260)	2335 (7661) (2.28%)	2213 (7260)	2213 (7260)
	RESA dimensions 282M X 314M commences from RWY end.				
29	(3)	2213 (7260)	2273 (7457) (3.3%)	2213 (7260)	2213 (7260)
	RESA dimensions 192M X 86M commences from RWY end.				
	Slope 0.2% down to W. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 841(2759)(2.5) 925(3035)(3.3) 988(3241)(5.0)
RWY22- 956(3136)(3.3)
RWY11- 2047(6716)(1.6) 2206(7237)(1.9) 2318(7605)(2.2)
RWY29- 1632(5354)(1.6) 1882(6174)(1.9) 1999(6558)(2.2) 2095(6873)(2.5)

ORBOST

RWY	(CN)	TORA	TODA	ASDA	LDA
07	(2)	1140 (3740)	1200 (3937) (2.42%)	1140 (3740)	1140 (3740)
	RESA dimensions 120M X 90M commences from RWY end.				
25	(2)	1140 (3740)	1200 (3937) (2.94%)	1140 (3740)	1140 (3740)
	RESA dimensions 60M X 90M commences from RWY end.				
	Slope 0.4% down to E. RWY WID 18 RWS WID 90 Graded 80				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY07- 958(3143)(1.9) 1111(3645)(2.2)
RWY25- 887(2910)(2.2) 1050(3445)(2.5)

OSBORNE MINE

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(2)	2000 (6562)	2060 (6758) (2.79%)	2000 (6562)	2000 (6562)
	RESA dimensions 90M X 60M commences from RWY end.				
30	(2)	2000 (6562)	2060 (6758) (2.38%)	2000 (6562)	2000 (6562)
	RESA dimensions 90M X 60M commences from RWY end.				
	Slope 0.58% down to SE. RWY WID 23 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 1710(5610)(1.6) 1802(5912)(1.9) 1895(6217)(2.2) 1987(6519)(2.5)
RWY30- 1897(6224)(1.6) 1993(6539)(1.9) 2039(6690)(2.2)

PALM ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(2)	1135 (3724)	1195 (3921) (1.2%)	1135 (3724)	1135 (3724)

RESA dimensions 60M X 36M commences from RWY end.

32	(2)	1135 (3724)	1195 (3921) (2.82%)	1135 (3724)	1135 (3724)

RESA dimensions 60M X 36M commences from RWY end.
Transitional SFC infringed by trees up to 36FT, IWI by 16FT, terrain on NE side.
RWY 14/32 APCH inner edge length 90M.
Slope 0.4% down to NW, and 0.8% down to SE from RWY centre. RWY WID 18 RWS WID 80

SUPPLEMENTARY TAKEOFF DISTANCES
RWY32- 1048(3438)(1.6) 1103(3619)(1.9) 1142(3747)(2.2) 1171(3842)(2.5)

PARABURDOO

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(4)	2132 (6995)	2192 (7192) (1.77%)	2132 (6995)	2132 (6995)

RESA dimensions 90M X 60M commences from CWY end.

24	(4)	2132 (6995)	2192 (7192) (1.2%)	2132 (6995)	2132 (6995)

RESA dimensions 90M X 60M commences from CWY end.
RWY 06/24 length of approach inner edge 280M.
Slope 0.45% down to SW. RWY WID 45 RWS WID 280

SUPPLEMENTARY TAKEOFF DISTANCES
RWY06- 2172(7126)(1.6)

PARKES

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(3)	1684 (5525)	1744 (5722) (2.22%)	1684 (5525)	1684 (5525)

RESA dimensions 98M X 60M commences from RWY end.

22	(3)	1684 (5525)	1744 (5722) (4%)	1684 (5525)	1684 (5525)

RESA dimensions 98M X 60M commences from RWY end.
Slope 0.7% down to SW. RWY WID 30 RWS WID 150 Graded 150

11	(2)	1623 (5325)	1683 (5522) (5.2%)	1623 (5325)	1623 (5325)

CAUTION: Fence 5.8FT ABV and 20M from RWS end is not taken into account in the calculation of TODA GRAD and STODA.

29	(2)	1623 (5325)	1683 (5522) (2.51%)	1623 (5325)	1450 (4757)

RWY 29 DTHR 173M (567FT).
Slope 0.7% down to W. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES
RWY04- 1140(3740)(1.9) 1721(5646)(2.2)
RWY22- 1229(4032)(1.6) 1341(4400)(1.9) 1442(4731)(2.2) 1519(4984)(2.5) 1658(5440)(3.3)
RWY11- 1282(4206)(3.3) 1673(5489)(5.0)
RWY29- 1379(4524)(1.6) 1550(5085)(1.9) 1613(5292)(2.2) 1681(5515)(2.5)

PEARCE

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(MIL)	1691 (5548)	1751 (5745) NIL	1691 (5548)	1691 (5548)
23	(MIL)	1691 (5548)	1751 (5745) NIL	1691 (5548)	1691 (5548)

1. CWY RWY 05 and RWY 23 60M. SWY both RWY nil.

2. TKOF/CLIMB SFC inner edge WID 180M.

3. RWY 05 and RWY 23 TODA gradients not provided due to obstruction in the CWY.

Slope 0.75% up to NE to 327M, then 0.55% up to 766M, then 0.74% up to 1462M, then 0.39% up to end. RWY WID 45 RWS WID 230

18L	(MIL)	2974 (9757)	3034 (9954) NIL	2974 (9757)	2974 (9757)
36R	(MIL)	2974 (9757)	3034 (9954) NIL	2974 (9757)	2974 (9757)

1. CWY RWY 18L and RWY 36R 60M. SWY both RWY nil.

2. TKOF/CLIMB SFC inner edge WID 180M.

3. TODA gradient not provided due arrestor barrier forming an obstruction in the CWY.

Slope 0.24% up to S to 512M, then 0.59% up to 1093M, then 0.12% down to 2340M, then 0.66% down to end. RWY WID 45 RWS WID 230 Graded 180

18R	(MIL)	1741 (5712)	1801 (5909) NIL	1801 (5909)	1741 (5712)

Refer AD OPR for TODA GRAD details.

36L	(MIL)	1741 (5712)	1801 (5909) NIL	1801 (5909)	1741 (5712)

Refer AD OPR for TODA GRAD details.

Slope 0.35% down to S. Exists WI RWS 18L/36R. RWY WID 30

SUPPLEMENTARY TAKEOFF DISTANCES
ARRESTOR BARRIER ERECTED (Net Poles 21FT AGL)

RWY 18L 2725(8940)(1.6%) 2757(9045)(1.9%) 2766(9075)(2.0%) 2783(9131)(2.2%) 2803(9196)(2.5%) 2843(9327)(3.3%) 2890(9482)(5.0%)

ARRESTOR BARRIER RETRACTED (Net Poles 5FT AGL)

RWY 18L 2940(9646)(1.6%) 2945(9662)(1.9%) 2949(9675)(2.0%) 2953(9688)(2.2%) 2958(9705)(2.5%) 2966(9731)(3.3%) 2977(9767)(5.0%)

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05- 1694(5558)(5.0)
RWY23- 1291(4236)(1.6) 1400(4593)(1.9) 1428(4685)(2.0) 1478(4849)(2.2) 1541(5056)(2.5) 1616(5302)(3.3) 1668(5472)(5.0)
RWY36R- 2744(9003)(1.6) 2780(9121)(1.9) 2790(9153)(2.0) 2808(9212)(2.2) 2830(9285)(2.5) 2870(9416)(3.3) 2914(9560)(5.0)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY18L- TKOF from INT RWY05/23; RWY remaining 1875(6152) reduce all DIST by 1099(3606)
RWY18L- TKOF from TWY A3; RWY remaining 2439(8002) reduce all DIST by 535(1755)
RWY18L- TKOF from TWY D2; RWY remaining 1632(5354) reduce all DIST by 1342(4403)
RWY36R- TKOF from TWY C1; RWY remaining 2324(7625) reduce all DIST by 650(2133)
RWY36R- TKOF from TWY E1; RWY remaining 1685(5528) reduce all DIST by 1289(4229)

PERTH

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(4)	3444 (11299)	3504 (11496) (1.93%)	3444 (11299)	3444 (11299)

RESA dimensions 90M X 90M commences from RWS end.

21	(4)	3444 (11299)	3644 (11955) (2.56%)	3444 (11299)	3444 (11299)

RESA dimensions 90M X 90M commences from RWS end.

1. RWY 03/21: Transitional SFC infringed W side 300M FM RWY 03 THR. OBST is illuminated WDI 94FT AMSL.

2. OLS extensively infringed by terrain E of AD.

Slope 0.2% down to N. RWY WID 45 RWS WID 300 Graded 150

06	(4)	2163 (7096)	2224 (7296) (2.57%)	2163 (7096)	2163 (7096)

RESA dimensions 90M X 90M commences from RWS end.

24	(4)	2163 (7096)	2224 (7296) (2.11%)	2163 (7096)	2163 (7096)

RESA dimensions 90M X 90M commences from RWS end.

OLS extensively infringed by terrain E of AD.

Slope from THR 0.1% down to centre. RWY WID 45 RWS WID 300 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03- 3427(11243)(1.6) 3498(11476)(1.9)
RWY21- 3444(11299)(1.6) 3564(11693)(1.9) 3637(11932)(2.2) 3643(11952)(2.5)
RWY06- 1331(4367)(2.2) 2221(7287)(2.5)
RWY24- 1899(6230)(1.6) 2112(6929)(1.9)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY03-	TKOF from TWY A7;	RWY remaining 2035(6676)	reduce all DIST by 1409(4623)
RWY03-	TKOF from TWY A9;	RWY remaining 2535(8317)	reduce all DIST by 909(2982)
RWY03-	TKOF from TWY C9;	RWY remaining 2535(8317)	reduce all DIST by 909(2982)
RWY21-	TKOF from TWY D;	RWY remaining 2680(8793)	reduce all DIST by 764(2507)
RWY21-	TKOF from TWY N;	RWY remaining 2739(8986)	reduce all DIST by 705(2313)
RWY21-	TKOF from TWY P;	RWY remaining 2010(6594)	reduce all DIST by 1434(4705)
RWY06-	TKOF from TWY J1;	RWY remaining 1819(5968)	reduce all DIST by 344(1129)

PERTH/JANDAKOT

RWY	(CN)	TORA	TODA	ASDA	LDA
06L	(2)	1392 (4567)	1452 (4764) (2.42%)	1392 (4567)	1274 (4180)
	RESA dimensions 60M X 90M commences from RWY end.				
	1. RWY 06L DTHR 118M (387FT).				
	2. APCH inner edge length 90M.				
24R	(2)	1392 (4567)	1452 (4764) (2.86%)	1392 (4567)	1246 (4088)
	RESA dimensions 60M X 90M commences from RWY end.				
	1. RWY 24R DTHR 146M (479FT).				
	2. APCH inner edge length 90M.				
	Slope Level. RWY WID 30 RWS WID 90				
06R	(1)	1150 (3773)	1210 (3970) (3.77%)	1150 (3773)	1150 (3773)
24L	(1)	1150 (3773)	1324 (4344) (2.52%)	1150 (3773)	1150 (3773)
	Slope Level. RWY WID 18 RWS WID 90				
12	(2)	1508 (4947)	1568 (5144) (1.84%)	1508 (4947)	1508 (4947)
	APCH inner edge length 90M.				
30	(2)	1508 (4947)	1568 (5144) (3.24%)	1508 (4947)	1508 (4947)
	RESA dimensions 60M X 90M commences from RWY end.				
	APCH inner edge length 90M.				
	Slope Level. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06L-	1233(4045)(1.6)	1334(4377)(1.9)	1408(4619)(2.2)	
RWY24R-	962(3156)(1.6)	1137(3730)(1.9)	1265(4150)(2.2)	1361(4465)(2.5)
RWY06R-	887(2910)(1.9)	969(3179)(2.2)	1038(3405)(2.5)	1161(3809)(3.3)
RWY24L-	843(2766)(1.6)	1145(3757)(1.9)	1246(4088)(2.2)	1323(4340)(2.5)
RWY12-	1493(4898)(1.6)			
RWY30-	809(2654)(1.9)	1059(3474)(2.2)	1249(4098)(2.5)	

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY06L-	TKOF from TWY B1;	RWY remaining 1265(4150)	reduce all DIST by 127(417)
RWY06L-	TKOF from TWY B2;	RWY remaining 970(3182)	reduce all DIST by 422(1384)
RWY24R-	TKOF from TWY B4;	RWY remaining 1025(3363)	reduce all DIST by 360(1181)
RWY24R-	TKOF from TWY B5;	RWY remaining 1240(4068)	reduce all DIST by 145(476)
RWY06R-	TKOF from TWY G;	RWY remaining 1085(3560)	reduce all DIST by 65(213)
RWY30-	TKOF from TWY K3;	RWY remaining 990(3248)	reduce all DIST by 518(1699)
RWY30-	TKOF from TWY S4;	RWY remaining 990(3248)	reduce all DIST by 518(1699)

PLUTONIC

RWY	(CN)	TORA	TODA	ASDA	LDA
07	(3)	2069 (6788)	2129 (6985) (3.35%)	2069 (6788)	2069 (6788)
	RESA dimensions 90M X 60M commences from RWS end.				
25	(3)	2069 (6788)	2129 (6985) (1.53%)	2069 (6788)	2069 (6788)
	RESA dimensions 90M X 60M commences from RWS end.				
	APCH SFC inner edge 90M. TKOF SFC inner edge 180M.				
	Slope 0.49% down to W. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY07- 1577(5174)(1.6) 1745(5725)(1.9) 1858(6096)(2.2) 1949(6394)(2.5) 2121(6959)(3.3)

POINT COOK

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(2)	1135 (3724)	1195 (3921) (2.78%)	1135 (3724)	1135 (3724)
22	(2)	1135 (3724)	1195 (3921) (2.32%)	1135 (3724)	1135 (3724)

Slope Level. RWY WID 45 RWS WID 150

08	(2)	1066 (3497)	1126 (3694) (2.23%)	1066 (3497)	1066 (3497)
26	(2)	1066 (3497)	1126 (3694) (4.06%)	1066 (3497)	1066 (3497)

Slope Level. RWY WID 45 RWS WID 150

17	(3)	1371 (4498)	1431 (4695) (4.4%)	1371 (4498)	1371 (4498)
35	(3)	1371 (4498)	1431 (4695) (3.54%)	1371 (4498)	1371 (4498)

1. RWY 17: CAUTION: 3.3% OBST clear APCH SFC LDG RWY 17 terminates at THR not RWS end.

2. RWY 35: CAUTION: Fence 9.8FT ABV and at RWS end is not taken into account in the calculation of TODA GRAD and STODA.

Slope Level. RWY WID 45 RWS WID 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 1033(3389)(1.6) 1093(3586)(1.9) 1137(3730)(2.2) 1170(3839)(2.5)
RWY22- 990(3248)(1.6) 1090(3576)(1.9) 1166(3825)(2.2)
RWY08- 1046(3432)(1.6) 1088(3570)(1.9) 1123(3684)(2.2)
RWY26- 867(2844)(2.5) 1036(3399)(3.3)
RWY17- 1313(4308)(1.6) 1341(4400)(1.9) 1361(4465)(2.2) 1377(4518)(2.5) 1407(4616)(3.3)
RWY35- 967(3173)(1.9) 1125(3691)(2.2) 1226(4022)(2.5) 1397(4583)(3.3)

POONCARIE

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(1)	1053 (3455)	1113 (3652) (2.12%)	1053 (3455)	1053 (3455)
24	(1)	1053 (3455)	1113 (3652) (3.35%)	1053 (3455)	1053 (3455)

Slope 0.2% down to NE. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06- 1000(3281)(1.6) 1076(3530)(1.9)
RWY24- 845(2772)(1.9) 932(3058)(2.2) 998(3274)(2.5) 1109(3638)(3.3)

PORMPURAAW

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(2)	1360 (4462)	1600 (5249) (1.98%)	1360 (4462)	1360 (4462)

RESA dimensions 120M X 60M commences from RWS end.

32	(2)	1360 (4462)	1420 (4659) (1.67%)	1360 (4462)	1360 (4462)

RESA dimensions 120M X 60M commences from RWS end.

Approach and TKOF inner edge WID 90M non standard.

Slope Level. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY14- 1469(4819)(1.6) 1577(5174)(1.9)
RWY32- 1394(4573)(1.6)

PORT AUGUSTA

RWY	(CN)	TORA	TODA	ASDA	LDA
15	(3)	1650 (5413)	1710 (5610) (1.71%)	1650 (5413)	1650 (5413)

RESA dimensions 90M X 60M commences from RWY end.

33	(3)	1650 (5413)	1710 (5610) (2.73%)	1650 (5413)	1650 (5413)

RESA dimensions 90M X 60M commences from RWY end.

TKOF RWY 33 OBST mound 5FT ABV and 48M N of RWS end not taken into account in determination of TODA, GRAD and STODA.

Slope NW end 510M 0.88% down to SE, SE end 1140M level. RWY WID 30 RWS WID 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY15- 1697(5568)(1.6)
RWY33- 1541(5056)(1.6) 1654(5426)(1.9) 1682(5518)(2.2) 1700(5577)(2.5)

PORT HEDLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(4)	2500 (8202)	2560 (8399) (1.53%)	2500 (8202)	2500 (8202)

RESA dimensions 120M X 90M commences from RWY end.

32	(4)	2500 (8202)	2560 (8399) (1.2%)	2500 (8202)	2500 (8202)

RESA dimensions 120M X 90M commences from RWY end.

Slope 0.1% down to NW. RWY WID 45 RWS WID 300 Graded 150

18	(1)	1000 (3281)	1060 (3478) (1.2%)	1000 (3281)	1000 (3281)
36	(1)	1000 (3281)	1060 (3478) (1.46%)	1000 (3281)	1000 (3281)

Slope Level. RWY WID 18 RWS WID 90

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY14-	TKOF from TWY A;	RWY remaining 1478(4849)	reduce all DIST by 1022(3353)
RWY14-	TKOF from TWY G;	RWY remaining 1280(4199)	reduce all DIST by 1220(4003)
RWY32-	TKOF from TWY A;	RWY remaining 1045(3428)	reduce all DIST by 1455(4774)
RWY32-	TKOF from TWY D;	RWY remaining 1969(6460)	reduce all DIST by 531(1742)
RWY32-	TKOF from TWY G;	RWY remaining 1243(4078)	reduce all DIST by 1257(4124)

PORT HEDLAND/WODGINA

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(3)	2100 (6890)	2160 (7087) (2.39%)	2100 (6890)	2100 (6890)

RESA dimensions 90M X 60M commences from RWS end.

27	(3)	2100 (6890)	2160 (7087) (2%)	2100 (6890)	2100 (6890)

RESA dimensions 90M X 60M commences from RWS end.

RWY 09/27 APCH inner edge length 300M.

Slope 0.16% down to W. RWY WID 30 RWS WID 300 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 2061(6762)(1.6) 2109(6919)(1.9) 2143(7031)(2.2)
RWY27- 2118(6949)(1.6) 2151(7057)(1.9)

PORT KEATS

RWY	(CN)	TORA	TODA	ASDA	LDA
16	(2)	1410 (4626)	1470 (4823) (4.03%)	1410 (4626)	1410 (4626)

RESA dimensions 60M X 46M commences from RWY end.

34	(2)	1410 (4626)	1470 (4823) (2.67%)	1410 (4626)	1410 (4626)

RESA dimensions 60M X 46M commences from RWY end.

RWY 16/34 APCH inner edge length 90M.

Slope 0.6% down to NW. RWY WID 23 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY16- 978(3209)(2.5) 1309(4295)(3.3)
RWY34- 1381(4531)(1.9) 1421(4662)(2.2) 1453(4767)(2.5)

PORT LINCOLN

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(3)	1499 (4918)	1559 (5115) (2.47%)	1499 (4918)	1499 (4918)

RESA dimensions 150M X 90M commences from RWY end.

OBST fence 3.6FT ABV and 32M N of RWS end not taken into account in the calculation of TODA GRAD and STODA.

19	(3)	1499 (4918)	1600 (5249) (2.27%)	1499 (4918)	1499 (4918)

RESA dimensions 90M X 90M commences from RWY end.

Slope 0.2% down to S. RWY WID 30 RWS WID 150 Graded 90

05	(2)	1275 (4183)	1335 (4380) (3%)	1275 (4183)	1275 (4183)
23	(2)	1275 (4183)	1335 (4380) (3.66%)	1275 (4183)	1275 (4183)

Slope 0.2% down to NE. RWY WID 30 RWS WID 90

15	(2)	1450 (4757)	1510 (4954) (1.88%)	1450 (4757)	1450 (4757)
33	(2)	1450 (4757)	1510 (4954) (3.58%)	1450 (4757)	1450 (4757)

1. RWY reference code based on 90M approach inner edge WID and 90M TKOF inner edge WID.

2. AVBL RPT OPS HJ only, due OBST Limitation SFC.

Slope 0.6% down to SE. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY19-	1562(5125)(1.9)	1594(5230)(2.2)		
RWY05-	1305(4281)(1.6)	1315(4314)(1.9)	1322(4337)(2.2)	1328(4357)(2.5)
RWY23-	1144(3753)(3.3)			
RWY15-	1470(4823)(1.6)			
RWY33-	1021(3350)(1.9)	1196(3924)(2.2)	1314(4311)(2.5)	1483(4865)(3.3)

PORT MACQUARIE

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(4)	1800 (5905)	1860 (6102) (4.4%)	1800 (5905)	1800 (5905)

RESA dimensions 90M X 90M commences from RWS end.

21	(4)	1800 (5905)	1860 (6102) (6.12%)	1800 (5905)	1800 (5905)

RESA dimensions 90M X 90M commences from RWS end.

APCH SFC survey based on 150M inner edge WID.

APCH SFC survey based on 280M inner edge WID AVBL on request, contact AD OPR.

Slope 0.1% down to SW. RWY WID 45 RWS WID 150 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03- 1242(4075)(1.6) 1445(4741)(1.9) 1571(5154)(2.2) 1652(5420)(2.5) 1765(5791)(3.3)
RWY21- 1223(4012)(1.9) 1447(4747)(2.2) 1589(5213)(2.5) 1700(5577)(3.3) 1818(5964)(5.0)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY21-	TKOF from TWY B;	RWY remaining 1636(5367)	reduce all DIST by 164(538)
RWY21-	TKOF from TWY C1;	RWY remaining 1474(4836)	reduce all DIST by 326(1070)

PORT PIRIE

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(1)	672 (2205)	732 (2402) (1.22%)	672 (2205)	672 (2205)
21	(1)	672 (2205)	732 (2402) (1.2%)	672 (2205)	672 (2205)
	Slope Level. RWY WID 30 RWS WID 90				
08	(2)	1043 (3422)	1103 (3619) (1.2%)	1043 (3422)	1043 (3422)
	RESA dimensions 90M X 60M commences from RWS end.				
26	(2)	1043 (3422)	1127 (3697) (1.2%)	1043 (3422)	1043 (3422)
	RESA dimensions 90M X 60M commences from RWS end.				
	Slope Level. RWY WID 30 RWS WID 90				
17	(2)	1069 (3507)	1129 (3704) (1.2%)	1069 (3507)	1069 (3507)
	RESA dimensions 90M X 60M commences from RWS end.				
35	(2)	1069 (3507)	1202 (3944) (1.2%)	1142 (3747)	1069 (3507)
	RESA dimensions 90M X 60M commences from RWS end.				
	Slope Level. RWY WID 30 RWS WID 90				

PORTLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(3)	1616 (5302)	1676 (5499) (1.93%)	1616 (5302)	1616 (5302)
	RESA dimensions 90M X 60M commences from RWS end.				
26	(3)	1616 (5302)	1676 (5499) (2.31%)	1616 (5302)	1616 (5302)
	RESA dimensions 90M X 60M commences from RWS end.				
	Slope 0.1% down to W. RWY WID 30 RWS WID 150 Graded 90				
17	(2)	1180 (3871)	1240 (4068) (3.27%)	1180 (3871)	1180 (3871)
35	(2)	1180 (3871)	1240 (4068) (2.31%)	1180 (3871)	1180 (3871)
	Slope 0.4% down to S. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08-	1579(5180)(1.6)	1669(5476)(1.9)	
RWY26-	1475(4839)(1.6)	1583(5194)(1.9)	1657(5436)(2.2)
RWY17-	806(2644)(1.9)	935(3068)(2.2)	1043(3422)(2.5)
RWY35-	1160(3806)(1.6)	1202(3944)(1.9)	1232(4042)(2.2)

PROMINENT HILL

RWY	(CN)	TORA	TODA	ASDA	LDA
18	(3)	2200 (7218)	2400 (7874) (1.2%)	2200 (7218)	2200 (7218)
	RESA dimensions 90M X 60M commences from RWS end.				
36	(3)	2200 (7218)	2400 (7874) (1.2%)	2200 (7218)	2200 (7218)
	RESA dimensions 90M X 60M commences from RWS end.				
	Slope 500M S end 0.6% down to S, 1,700M N end 0.2% down to N. RWY WID 30 RWS WID 150 Graded 90				

PROSERPINE/WHITSUNDAY COAST

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(4)	2073 (6801)	2133 (6998) (1.2%)	2073 (6801)	2073 (6801)
	RESA dimensions 90M X 145M commences from RWS end.				
29	(4)	2073 (6801)	2133 (6998) (2.21%)	2073 (6801)	2073 (6801)
	RESA dimensions 90M X 145M commences from RWS end.				
	Slope 0.2% down to E. RWY WID 45 RWS WID 150 Graded 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY29- 2098(6883)(2.2)

QUILPIE

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(2)	1493 (4898)	1553 (5095) (2.88%)	1493 (4898)	1493 (4898)
27	(2)	1493 (4898)	1553 (5095) (2.45%)	1493 (4898)	1493 (4898)
	RWY reference code based on 150M TKOF inner edge WID.				
	Slope 0.2% down to E. RWY WID 30 RWS WID 90 Graded 90				
18	(2)	1070 (3510)	1130 (3707) (2.62%)	1070 (3510)	1070 (3510)
36	(2)	1070 (3510)	1130 (3707) (1.91%)	1070 (3510)	1070 (3510)
	Slope 0.3% down to N. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09-	1280(4199)(1.6)	1387(4550)(1.9)	1469(4819)(2.2)	1523(4997)(2.5)
RWY27-	1350(4429)(1.6)	1445(4741)(1.9)	1511(4957)(2.2)	
RWY18-	942(3091)(1.6)	1044(3425)(1.9)	1087(3566)(2.2)	1111(3645)(2.5)
RWY36-	1038(3405)(1.6)	1126(3694)(1.9)		

QUIRINDI

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(2)	1106 (3629)	1166 (3825) (1.2%)	1106 (3629)	1106 (3629)
24	(2)	1106 (3629)	1166 (3825) (1.2%)	1106 (3629)	1106 (3629)
	Slope 0.2% down to SW. RWY WID 18 RWS WID 90 Graded 90				
14	(3)	1770 (5807)	1830 (6004) (2.15%)	1770 (5807)	1770 (5807)
	RESA dimensions 60M X 60M commences from SWY end.				
32	(3)	1770 (5807)	1830 (6004) (1.2%)	1770 (5807)	1770 (5807)
	RESA dimensions 60M X 60M commences from SWY end.				
	Slope 0.2% down to NW for 1,100M, then 0.3% down to SE for 670M. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY14-	1589(5213)(1.6)	1732(5682)(1.9)

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RAMINGINING

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(2)	1380 (4528)	1440 (4724) (2.87%)	1380 (4528)	1380 (4528)
27	(2)	1380 (4528)	1440 (4724) (2.89%)	1380 (4528)	1380 (4528)

RWY 09/27 TNS S side infringed by trees full length by up to 10FT.

Slope 0.5% down to W. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 1063(3487)(1.6) 1197(3927)(1.9) 1294(4245)(2.2) 1369(4491)(2.5)
RWY27- 1184(3884)(1.6) 1262(4140)(1.9) 1327(4354)(2.2) 1381(4531)(2.5)

RAVENSTHORPE

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(3)	1680 (5512)	1830 (6004) (3.03%)	1680 (5512)	1680 (5512)

RESA dimensions 90M X 60M commences from RWS end.

24	(3)	1680 (5512)	1740 (5709) (1.87%)	1680 (5512)	1680 (5512)

RESA dimensions 90M X 60M commences from RWS end.

RWY 06/24 APCH inner edge length 150M.

Slope 800M NE end 0.6% down to SW - end level. RWY WID 30 RWS WID 150 Graded 90

14	(2)	1200 (3937)	1260 (4134) (4.46%)	1200 (3937)	1200 (3937)
32	(2)	1200 (3937)	1260 (4134) (1.54%)	1200 (3937)	1200 (3937)

Slope 600 NW end 0.1% down to SE end 0.5%. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06- 1618(5308)(1.6) 1786(5860)(1.9) 1802(5912)(2.2) 1814(5951)(2.5)
RWY24- 1683(5522)(1.6)
RWY14- 1011(3317)(1.6) 1075(3527)(1.9) 1123(3684)(2.2) 1160(3806)(2.5) 1217(3993)(3.3)

RENMARK

RWY	(CN)	TORA	TODA	ASDA	LDA
07	(2)	1740 (5709)	1800 (5905) (3.56%)	1740 (5709)	1740 (5709)
25	(2)	1740 (5709)	1800 (5905) (2.66%)	1740 (5709)	1740 (5709)

OBST Fence 6.9FT ABV and 50M SW of RWS end has not been taken into account in the calculation of TODA GRAD and STODA.

Slope 0.4% down to centre from SW end, 0.37% down to centre from NE end. RWY WID 30 RWS WID 90

18	(2)	1024 (3360)	1084 (3556) (3.91%)	1024 (3360)	1024 (3360)
36	(2)	1024 (3360)	1084 (3556) (3.92%)	1024 (3360)	1024 (3360)

Slope 0.3% down to S. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY07- 1499(4918)(1.6) 1583(5194)(1.9) 1644(5394)(2.2) 1691(5548)(2.5) 1782(5846)(3.3)
RWY25- 1266(4153)(1.6) 1462(4797)(1.9) 1620(5315)(2.2) 1750(5741)(2.5)
RWY18- 1027(3369)(3.3)
RWY36- 880(2887)(2.2) 945(3100)(2.5) 1040(3412)(3.3)

RICHMOND (NSW)

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(MIL)	2134 (7001)	2194 (7198) NIL	2134 (7001)	2134 (7001)

RWY 10 TODA gradient not provided due obstruction in the CWY refer supplementary TKOF distances for RQ CLR gradient.

28	(MIL)	2134 (7001)	2194 (7198) (4.56%)	2134 (7001)	2134 (7001)

TKOF/Climb SFC inner edge WID 180M.

Slope 0.06% up to E to 178, then 0.02% down to 381, then 0.2% down to 534, then 0.32% down to 1246, then down 0.23% to 1891, then down 0.04% to end. RWY WID 45 RWS WID 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY10- 1452(4764)(1.6) 1769(5804)(1.9) 1847(6060)(2.0) 1919(6296)(2.2) 2007(6585)(2.5) 2154(7067)(3.3) 2165(7103)(5.0)
RWY28- 1935(6348)(3.3)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY10-	TKOF from TWY C;	RWY remaining 999(3278)	reduce all DIST by 1135(3724)
RWY10-	TKOF from TWY D;	RWY remaining 1700(5577)	reduce all DIST by 434(1424)
RWY28-	TKOF from TWY B;	RWY remaining 1922(6306)	reduce all DIST by 212(696)
RWY28-	TKOF from TWY C;	RWY remaining 1150(3773)	reduce all DIST by 984(3228)

RICHMOND (QLD)

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(3)	1522 (4993)	1582 (5190) (1.32%)	1522 (4993)	1522 (4993)

RESA dimensions 90M X 60M commences from RWS end.

27	(3)	1522 (4993)	1582 (5190) (1.2%)	1522 (4993)	1522 (4993)

RESA dimensions 90M X 60M commences from RWS end.

Slope 0.3% down to W. RWY WID 30 RWS WID 150 Graded 90

ROBINVALE

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(2)	1140 (3740)	1200 (3937) (2.44%)	1140 (3740)	1140 (3740)
19	(2)	1140 (3740)	1200 (3937) (3.73%)	1140 (3740)	1140 (3740)

Slope 0.8% down to N. RWY WID 18 RWS WID 90

12	(2)	1175 (3855)	1235 (4052) (2.07%)	1175 (3855)	1175 (3855)

Unlit OBST Fence 9FT ABV and 41M SE of RWS end has not been taken into account in the calculation of the TODA GRAD and STODA.

30	(2)	1175 (3855)	1235 (4052) (1.38%)	1175 (3855)	1175 (3855)

1. CAUTION: 4% OBST CLR APCH SFC LDG RWY 30 terminates at THR not RWS end.
2. LDG RWY 30 Unlit OBST fence 9FT ABV and 41M SE of RWS end.

Slope 1.06% down to NW. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY01- 977(3205)(1.6) 1066(3497)(1.9) 1145(3757)(2.2)
RWY19- 894(2933)(2.5) 1130(3707)(3.3)
RWY12- 884(2900)(1.6) 1181(3875)(1.9)

ROCKHAMPTON

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(2)	800 (2625)	860 (2821) (1.28%)	800 (2625)	1140 (3740)
22	(2)	1200 (3937)	1260 (4134) (2.16%)	1200 (3937)	800 (2625)

1. TKOF run commences at starter extension, 60M beyond RWY end.
2. Minor penetration of RWY 04/22 inner horizontal surface in vicinity of control tower by apron floodlighting, microwave tower, control tower lightning conductor rods and MET building.
Slope Level. RWY WID 23 RWS WID 80

15	(4)	2628 (8622)	2928 (9606) (2.05%)	2628 (8622)	2568 (8425)

RESA dimensions 150M X 90M commences from RWY end.
1. RWY 15 DTHR 60M.
2. From RWY 15 THR TORA is 2568M. For 2628M TORA from RWY 15, taxi to E side of THR lights and line up Northern side of THR.

33	(4)	2568 (8425)	2688 (8819) (1.92%)	2568 (8425)	2568 (8425)

RESA dimensions 240M X 90M commences from RWY end.
1. CAUTION: Primary IWI lit by steady red light (HN) infringes transitional SFC (E side).
2. BAK 12 bi-directional, removable, hook cable, 100MM high, installed 487 (1600) FM THR 33, rigged for MIL OPS only. Notified by TWR/NOTAM.
3. CAUTION: Permanent concrete energy-absorber housings 0.3 (1) high located each side of RWY, 14 (46) FM RWY edge.
Slope 0.1% down to SE. RWY WID 45 RWS WID 300 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY22-	1088(3570)(1.6)	1194(3917)(1.9)		
RWY15-	2682(8799)(1.6)	2862(9390)(1.9)		
RWY33-	2377(7798)(1.6)	2674(8773)(1.9)		

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY15-	TKOF from TWY A;	RWY remaining 1693(5554)	reduce all DIST by 935(3068)
RWY15-	TKOF from TWY B;	RWY remaining 1400(4593)	reduce all DIST by 1228(4029)
RWY33-	TKOF from TWY A;	RWY remaining 902(2959)	reduce all DIST by 1666(5466)
RWY33-	TKOF from TWY B;	RWY remaining 1191(3907)	reduce all DIST by 1377(4518)
RWY33-	TKOF from TWY J;	RWY remaining 2176(7139)	reduce all DIST by 392(1286)

ROMA

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(1)	801 (2628)	861 (2825) (1.6%)	801 (2628)	801 (2628)

RESA dimensions 30M X 60M commences from RWY end.

27	(1)	801 (2628)	831 (2726) (4.15%)	801 (2628)	801 (2628)

RESA dimensions 60M X 60M commences from RWY end.
Slope 1.0% down to E. RWY WID 18 RWS WID 80

18	(3)	1504 (4934)	1704 (5590) (1.98%)	1504 (4934)	1504 (4934)

RESA dimensions 120M X 90M commences from RWS end.

36	(3)	1504 (4934)	1564 (5131) (2.82%)	1504 (4934)	1504 (4934)

RESA dimensions 60M X 90M commences from RWS end.
Slope Level. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY18-	1321(4334)(1.6)	1638(5374)(1.9)		
RWY36-	1294(4245)(1.6)	1439(4721)(1.9)	1542(5059)(2.2)	1554(5098)(2.5)

ROTTNEST ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(1)	1293 (4242)	1353 (4439) (5.09%)	1293 (4242)	1293 (4242)
	RESA dimensions 60M X 36M commences from RWY end.				
27	(1)	1293 (4242)	1353 (4439) (3.46%)	1293 (4242)	1121 (3678)
	RESA dimensions 60M X 36M commences from RWY end.				

1. RWY 27 DTHR 172M (564FT).

2. RWY 09/27 APCH inner edge length 90M, TKOF inner edge length 80M. Slope 0.09% down to E. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09-	866(2841)(2.2)	981(3218)(2.5)	1187(3894)(3.3)	1350(4429)(5.0)
RWY27-	855(2805)(1.9)	1132(3714)(2.2)	1317(4321)(2.5)	1348(4423)(3.3)

SAIBAI ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(1)	750 (2461)	750 (2461) (2.85%)	750 (2461)	670 (2198)
	RWY 12 SOT commences at RWS end - ASDA ends at RWS.				
30	(1)	750 (2461)	750 (2461) (13.38%)	750 (2461)	690 (2264)
	1. RWY 30 SOT commences at RWS end - ASDA ends at RWS.				
	2. CAUTION: Fence 2FT ABV and 60M FM THR RWY 30 and 752M FM SOT RWY 12 not taken into account in the calculation of RWY 12 TODA GRAD.				
	Slope Level. RWY WID 18 RWS WID 60				

SAINT GEORGE

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(3)	1520 (4987)	1580 (5184) (5.7%)	1520 (4987)	1520 (4987)
	RESA dimensions 60M X 60M commences from RWY end.				
29	(3)	1520 (4987)	1580 (5184) (6.16%)	1520 (4987)	1520 (4987)
	RESA dimensions 60M X 60M commences from RWY end.				
	Slope Level. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11-	1148(3766)(1.6)	1280(4199)(1.9)	1376(4514)(2.2)	1449(4754)(2.5)	1517(4977)(3.3)
	1568(5144)(5.0)				
RWY29-	997(3271)(1.9)	1197(3927)(2.2)	1309(4295)(2.5)	1492(4895)(3.3)	1556(5105)(5.0)

SAINT HELENS

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(2)	1070 (3510)	1130 (3707) (3.22%)	1070 (3510)	1070 (3510)
	RESA dimensions 60M X 60M commences from RWY end.				
26	(2)	1070 (3510)	1130 (3707) (5.45%)	1070 (3510)	1070 (3510)
	RESA dimensions 60M X 60M commences from RWY end.				
	Slope 1.3% down to E. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08-	1020(3346)(1.6)	1046(3432)(1.9)	1066(3497)(2.2)	1089(3573)(2.5)
RWY26-	1071(3514)(2.5)	1097(3599)(3.3)	1125(3691)(5.0)	

SCHERGER (RAAF)

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(MIL)	3049 (10003)	3109 (10200) (2.13%)	3049 (10003)	3049 (10003)
30	(MIL)	3049 (10003)	3109 (10200) (2.29%)	3049 (10003)	3049 (10003)
	1. TKOF/Climb SFC inner edge WID 180.				
	2. Side transitional SFC infringed by vegetation.				
	3. Hook arrester system PTBL.				
	Slope 0.1% down to NW. RWY WID 45 RWS WID 150 Graded 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12-	2659(8724)(1.6)	2976(9764)(1.9)	3039(9970)(2.0)	
RWY30-	2753(9032)(1.6)	2971(9747)(1.9)	3030(9941)(2.0)	3088(10131)(2.2)

SCONE

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(2)	1400 (4593)	1460 (4790) (3.84%)	1400 (4593)	1400 (4593)
	RESA dimensions 60M X 80M commences from RWY end.				
29	(2)	1400 (4593)	1460 (4790) (3.48%)	1400 (4593)	1400 (4593)
	RESA dimensions 60M X 80M commences from RWY end.				
	Grassed areas WI RWS not AVBL due uneven SFC.				
	Slope 0.8% down to E. RWY WID 30 RWS WID 90 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11- 1193(3914)(1.6) 1249(4098)(1.9) 1296(4252)(2.2) 1335(4380)(2.5) 1412(4632)(3.3)
RWY29- 1107(3632)(1.6) 1216(3989)(1.9) 1294(4245)(2.2) 1351(4432)(2.5) 1445(4741)(3.3)

SHARK BAY

RWY	(CN)	TORA	TODA	ASDA	LDA
18	(3)	1690 (5545)	1750 (5741) (2.28%)	1690 (5545)	1690 (5545)
	RESA dimensions 60M X 60M commences from RWS end.				
36	(3)	1690 (5545)	1750 (5741) (2.08%)	1690 (5545)	1690 (5545)
	RESA dimensions 60M X 60M commences from RWS end.				
	RWY 18/36 TKOF inner edge length 90M.				
	Slope S end 0.2% down to N - N end 0.1% down to S. RWY WID 30 RWS WID 90 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY18- 1662(5453)(1.6) 1708(5604)(1.9) 1742(5715)(2.2)
RWY36- 1722(5650)(1.6) 1741(5712)(1.9)

SHELLHARBOUR AIRPORT

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(2)	1331 (4367)	1391 (4564) (9.46%)	1331 (4367)	1331 (4367)
	RESA dimensions 100M X 90M commences from RWY end.				
26	(2)	1331 (4367)	1391 (4564) (4%)	1331 (4367)	1241 (4071)
	RESA dimensions 160M X 90M commences from RWY end.				
	RWY 26 DTHR 90M.				
	Slope 0.2% down to E. RWY WID 30 RWS WID 90				
16	(2)	1819 (5968)	1879 (6165) (5.45%)	1819 (5968)	1819 (5968)
	RESA dimensions 160M X 90M commences from RWY end.				
34	(2)	1819 (5968)	1879 (6165) (4.84%)	1819 (5968)	1643 (5390)
	RESA dimensions 160M X 90M commences from RWY end.				
	1. RWY 34 APCH & RWY 16 TKOF offset 5DEG W.				
	2. RWY 34 DTHR 176M.				
	Slope 0.1% down to N. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08- 1012(3320)(1.6) 1078(3537)(1.9) 1127(3697)(2.2) 1166(3825)(2.5) 1236(4055)(3.3) 1316(4318)(5.0)
RWY26- 949(3113)(2.2) 1064(3491)(2.5) 1282(4206)(3.3)
RWY16- 1832(6010)(5.0)
RWY34- 1018(3340)(2.2) 1328(4357)(2.5) 1703(5587)(3.3)

SHEPPARTON

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(1)	434 (1424)	494 (1621) (4.65%)	434 (1424)	434 (1424)
27	(1)	434 (1424)	464 (1522) (4.07%)	434 (1424)	434 (1424)

Slope Level. RWY WID 30 RWS WID 90

18	(1)	1298 (4258)	1358 (4455) (4.67%)	1298 (4258)	1238 (4062)

RESA dimensions 60M X 36M commences from RWY end.

1. RWY 18 DTHR 60M.

2. RWY 18 transition SFC infringed by trees W side APPROX 40 FM RWS end.

36	(1)	1298 (4258)	1358 (4455) (3.08%)	1298 (4258)	1207 (3960)

RESA dimensions 60M X 36M commences from RWY end.

1. RWY 36 DTHR 91M.

2. CAUTION: Transient OBST up to 5.3FT ABV and 47M N of RWS end is not taken into account in the calculation of the TODA GRAD and STODA.

Slope Level. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY18-	824(2703)(1.9)	966(3169)(2.2)	1065(3494)(2.5)	1215(3986)(3.3)
RWY36-	963(3159)(1.9)	1136(3727)(2.2)	1244(4081)(2.5)	

SNAKE BAY

RWY	(CN)	TORA	TODA	ASDA	LDA
13	(2)	1443 (4734)	1503 (4931) (4.73%)	1443 (4734)	1443 (4734)
31	(2)	1443 (4734)	1503 (4931) (2.63%)	1443 (4734)	1443 (4734)

RWY 13/31 APCH inner edge length 90M.

Slope 0.4% down to NW. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY13-	1030(3379)(1.9)	1212(3976)(2.2)	1283(4209)(2.5)	1401(4596)(3.3)
RWY31-	1129(3704)(1.6)	1295(4249)(1.9)	1403(4603)(2.2)	1475(4839)(2.5)

SOLOMON

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(3)	2000 (6562)	2060 (6758) (1.35%)	2000 (6562)	2000 (6562)

RESA dimensions 90M X 60M commences from RWY end.

27	(3)	2000 (6562)	2060 (6758) (1.52%)	2000 (6562)	2000 (6562)

RESA dimensions 90M X 60M commences from RWY end.

RWY 09/27 APCH inner edge length 150M.

Slope 0.25% down to west. RWY WID 30 RWS WID 150 Graded 90

SOUTH GOULBURN ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(2)	1400 (4593)	1460 (4790) (3.33%)	1400 (4593)	1400 (4593)
28	(2)	1400 (4593)	1460 (4790) (2.06%)	1400 (4593)	1400 (4593)

Slope 0.4% down to E. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY10-	1279(4196)(1.6)	1330(4363)(1.9)	1369(4491)(2.2)	1400(4593)(2.5)
RWY28-	1351(4432)(1.6)	1430(4692)(1.9)		

SOUTHERN CROSS

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(2)	1319 (4327)	1379 (4524) (3.09%)	1319 (4327)	1319 (4327)
27	(2)	1319 (4327)	1379 (4524) (1.65%)	1319 (4327)	1319 (4327)
	Slope 0.5% down to W. RWY WID 30 RWS WID 90				
14	(1)	1405 (4610)	1465 (4806) (3.5%)	1405 (4610)	1405 (4610)
32	(1)	1405 (4610)	1465 (4806) (3.58%)	1405 (4610)	1405 (4610)
	Slope 0.35% down to NW. RWY WID 18 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 948(3110)(1.9) 1113(3652)(2.2) 1229(4032)(2.5)
RWY27- 1327(4354)(1.6)
RWY14- 1123(3684)(1.6) 1366(4482)(1.9) 1405(4610)(2.2) 1424(4672)(2.5) 1458(4783)(3.3)
RWY32- 1015(3330)(1.6) 1207(3960)(1.9) 1289(4229)(2.2) 1346(4416)(2.5) 1442(4731)(3.3)

ST ARNAUD

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(1)	535 (1755)	595 (1952) (3.35%)	535 (1755)	535 (1755)
27	(1)	535 (1755)	595 (1952) (3.63%)	535 (1755)	535 (1755)
	Slope 0.6% down to W. RWY WID 18 RWS WID 80				
18	(1)	1011 (3317)	1066 (3497) (3.42%)	1011 (3317)	865 (2838)
	RWY 18 DTHR 146M.				
36	(1)	1011 (3317)	1064 (3491) (2.06%)	1011 (3317)	1011 (3317)
	CAUTION: Transient OBST up to 14.8FT ABV and 47M N of RWS end, not taken into account in calculation of TODA GRAD and STODA.				
	Slope Level. RWY WID 18 RWS WID 80				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY18- 1016(3333)(1.9) 1032(3386)(2.2) 1043(3422)(2.5) 1064(3491)(3.3)
RWY36- 817(2680)(1.6) 1000(3281)(1.9)

STANTHORPE

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(2)	1711 (5613)	1771 (5810) (5.29%)	1711 (5613)	1711 (5613)
	RESA dimensions 60M X 60M commences from RWS end.				
26	(2)	1711 (5613)	1771 (5810) (2.15%)	1711 (5613)	1711 (5613)
	RESA dimensions 60M X 60M commences from RWS end.				
	Slope 1.4% down to W. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08- 1185(3888)(2.2) 1385(4544)(2.5) 1611(5285)(3.3) 1759(5771)(5.0)
RWY26- 1625(5331)(1.6) 1710(5610)(1.9)

STAWELL

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(3)	1403 (4603)	1463 (4800) (3.29%)	1403 (4603)	1403 (4603)

RESA dimensions 60M X 60M commences from RWY end.

29	(3)	1403 (4603)	1463 (4800) (7.87%)	1403 (4603)	1403 (4603)

RESA dimensions 60M X 60M commences from RWY end.

Unlit OBST fence 1FT ABV at RWS end and 75M S of RCL not taken into account in calculation of TODA GRAD and STODA.

Slope 0.5% down to W. RWY WID 30 RWS WID 90

18	(2)	854 (2802)	914 (2999) (3.75%)	854 (2802)	854 (2802)
36	(2)	854 (2802)	914 (2999) (2.19%)	854 (2802)	854 (2802)

Slope 1.3% down to N. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11-	866(2841)(1.6)	1154(3786)(1.9)	1311(4301)(2.2)	1387(4550)(2.5)
RWY29-	1025(3363)(1.6)	1124(3688)(1.9)	1205(3953)(2.2)	1281(4203)(2.5) 1354(4442)(3.3) 1425(4675)(5.0)
RWY18-	815(2674)(3.3)			
RWY36-	805(2641)(1.6)	866(2841)(1.9)		

STRAHAN

RWY	(CN)	TORA	TODA	ASDA	LDA
18	(1)	1220 (4003)	1280 (4199) (1.2%)	1220 (4003)	1220 (4003)
36	(1)	1220 (4003)	1280 (4199) (2.62%)	1220 (4003)	1220 (4003)

1. RWY 18/36 transitional SFC infringed on E side up to 1.2M.

2. RWY 36 - Transient OBST up to 12.4FT ABV and 131M N of RWS end is taken into account in the calculation of TODA GRAD and STODA.

Slope Level. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY36-	889(2917)(2.2)	1185(3888)(2.5)

STREAKY BAY

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(1)	780 (2559)	840 (2756) (2.88%)	780 (2559)	780 (2559)
23	(1)	780 (2559)	840 (2756) (2.01%)	780 (2559)	780 (2559)

Slope 0.15% down to SW. RWY WID 18 RWS WID 90

13	(2)	1351 (4432)	1411 (4629) (2.72%)	1351 (4432)	1351 (4432)

RESA dimensions 120M X 60M commences from RWY end.

31	(2)	1351 (4432)	1411 (4629) (1.2%)	1351 (4432)	1351 (4432)

RESA dimensions 90M X 60M commences from RWY end.

Slope 0.9% down to SE and 0.3% down to NW. Highest point 300 from NW end. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY23-	815(2674)(1.9)			
RWY13-	1234(4049)(1.6)	1302(4272)(1.9)	1349(4426)(2.2)	1388(4554)(2.5)

SUNRISE DAM

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(3)	1950 (6398)	2010 (6594) (2.66%)	1950 (6398)	1950 (6398)

RESA dimensions 90M X 60M commences from RWS end.

24	(3)	1950 (6398)	2010 (6594) (1.2%)	1950 (6398)	1950 (6398)

RESA dimensions 90M X 60M commences from RWS end.

RWY 06/24 APCH inner edge length 150M.

Slope 0.3% down to SW. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06- 1929(6329)(1.6) 1963(6440)(1.9) 1986(6516)(2.2) 2002(6568)(2.5)

SUNSHINE COAST

RWY	(CN)	TORA	TODA	ASDA	LDA
13	(4)	2625 (8612)	2685 (8809) (2.47%)	2625 (8612)	2625 (8612)

RESA dimensions 240M X 90M commences from RWS end.

Approach GRAD 2.91%

31	(4)	2800 (9186)	2860 (9383) (2.64%)	2800 (9186)	2450 (8038)

RESA dimensions 240M X 90M commences from RWS end.

RWY 31 DTHR 175M (from RWY 13 end).

Approach GRAD 2.12%

Slope Level. RWY WID 45 RWS WID 300 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY13- 2407(7897)(1.6) 2551(8369)(1.9) 2655(8711)(2.2)
RWY31- 1662(5453)(1.9) 2723(8934)(2.2) 2823(9262)(2.5)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY13-	TKOF from TWY A2;	RWY remaining 1234(4049)	reduce all DIST by 1391(4564)
RWY31-	TKOF from TWY A1;	RWY remaining 2450(8038)	reduce all DIST by 350(1148)
RWY31-	TKOF from TWY A2;	RWY remaining 1409(4623)	reduce all DIST by 1391(4564)

SWAN HILL

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(2)	980 (3215)	1040 (3412) (3.02%)	980 (3215)	980 (3215)
22	(2)	980 (3215)	1040 (3412) (3.03%)	980 (3215)	980 (3215)

Slope 0.2% down to NE. RWY WID 23 RWS WID 90

08	(3)	1495 (4905)	1555 (5102) (6.31%)	1495 (4905)	1495 (4905)

Nil RESA.

1. LDG RWY 08 - Unlit OBST fence 10FT ABV and 22M W of RWS end.

2. 3.33% OBSTR CLR APCH SFC LDG RWY 08 terminates at THR not RWS end.

3. Caution: Fence 6.3 FT ABV at RWS end is not taken into account in the calculation of TODA GRAD and STODA.

4.Transient OBST 16FT ABV at RWS end not taken into account in calculation of TODA GRAD and STODA.

26	(3)	1495 (4905)	1555 (5102) (1.57%)	1495 (4905)	1495 (4905)

Nil RESA.

1. LDG RWY 26 - Unlit OBST is fence 6.5FT ABV at RWS end.

2. 3.33% OBSTR CLR APCH SFC LDG RWY 26 terminates at THR not RWS end.

3. Caution: Fence 10.5 FT ABV and 22M W of RWS end and fence 12.4FT ABV and 42M W of RWS end, are not taken into account in the calculation of TODA GRAD and STODA.

Slope 0.1% down to E. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 881(2890)(2.5)
RWY22- 884(2900)(2.2) 955(3133)(2.5)
RWY08- 1126(3694)(1.6) 1268(4160)(1.9) 1331(4367)(2.2) 1382(4534)(2.5) 1467(4813)(3.3) 1530(5020)(5.0)

SYDNEY/BANKSTOWN

RWY	(CN)	TORA	TODA	ASDA	LDA
11C	(3)	1416 (4646)	1476 (4842) (4.02%)	1416 (4646)	1259 (4131)

RESA dimensions 90M X 90M commences from RWY end.
RWY 11C LDA DISP THR 97M.

29C	(3)	1416 (4646)	1476 (4842) (4.57%)	1416 (4646)	1356 (4449)

RESA dimensions 90M X 90M commences from RWY end.
TKOF Transient OBST TWY E 17FT AGL and 7M NW of RWS end is not taken into account in calculation of TODA and STODA GRAD.
TORA commences at RWS end for both RWY 11C and 29C.
Slope W end 0.5% down to E. Centre 0.2% up to E. E end 0.2% down to W. RWY WID 30 RWS WID 90

11L	(2)	1100 (3609)	1160 (3806) (3.66%)	1100 (3609)	1100 (3609)
29R	(2)	1100 (3609)	1160 (3806) (2.96%)	1100 (3609)	1100 (3609)

TKOF Transient OBST TWY A2 27FT AGL and 76M NW of RWS end is not taken into account in calculation of TODA and STODA GRAD.
Slope 0.3% down to W. RWY WID 30 RWS WID 90

11R	(2)	1038 (3405)	1098 (3602) (3.35%)	1038 (3405)	1038 (3405)

TKOF Transient OBST TWY B6 17FT AGL and 100M SE of RWS end is not taken into account in calculation of TODA and STODA GRAD.

29L	(2)	1038 (3405)	1098 (3602) (4.35%)	1038 (3405)	1038 (3405)

Slope 0.1% down to W. RWY WID 23 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11C-	947(3107)(2.2)	1094(3589)(2.5)	1346(4416)(3.3)
RWY29C-	832(2730)(2.2)	973(3192)(2.5)	1231(4039)(3.3)
RWY11L-	847(2779)(2.5)	1088(3570)(3.3)	
RWY29R-	871(2858)(2.2)	1003(3291)(2.5)	
RWY11R-	870(2854)(2.5)	1087(3566)(3.3)	
RWY29L-	915(3002)(3.3)		

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY29R- TKOF from TWY A7; RWY remaining 1005(3297) reduce all DIST by 95(312)

SYDNEY/KINGSFORD SMITH

RWY	(CN)	TORA	TODA	ASDA	LDA
07	(4)	2530 (8300)	2620 (8596) (4.33%)	2560 (8399)	2530 (8300)

RESA dimensions 90M X 90M commences from RWS end.
Approach GRAD 3.6%

25	(4)	2530 (8300)	2590 (8497) (3.3%)	2530 (8300)	2429 (7969)

RESA dimensions 90M X 90M commences from RWS end.
1. Approach GRAD 3.5%.
2. RWY 25 LOC aerial 11FT ABV RWY 07 THR and LCA 2608M FM RWY 25 SOT is not taken into account in the calculation of TODA gradient and STODA.
3. OBST concrete barrier and associated railings 7.5FT ABV RWY 07 THR LCA 2605M FM RWY 25 SOT and 45M S of extended RCL is not taken into account in the calculation of TODA gradient and STODA.
4. RWY 25 DTHR 101M.
Slope 550M E end 0.4% down to W; Centre 1580M level; 400M W end 0.3% down to E. RWY WID 45 RWS WID 280 Graded 150

16L	(4)	2438 (7999)	2528 (8294) (3.06%)	2438 (7999)	2207 (7241)

RESA dimensions 220M X 90M commences from RWS end.
Approach GRAD 3.2%, RWY 16L DTHR 231M.

34R	(4)	2438 (7999)	2498 (8195) (3.6%)	2438 (7999)	2400 (7874)

RESA dimensions 160M X 90M commences from RWS end.
1. RWY 34R DTHR 38M.
2. OBST- HIAL LCA BTN 2517M and 2880M FM SOT MAX height AGL 22FT penetrate OLS by MAX 4FT are not taken into account in the calculation of TODA gradient and STODA.
3. Wind turbulence on RWY 34R may be induced by ships docked at container port located E of RWY 34R when wind is BTN 020 MAG and 065 MAG with a mean wind speed greater than 14KT (gust 20KT).
Slope 0.08% down to S. RWY WID 45 RWS WID 280 Graded 150

16R	(4)	3962 (12999)	4052 (13294) (2.35%)	3992 (13097)	3877 (12720)

RESA dimensions 240M X 90M commences from RWS end.
1. Approach GRAD 2.5%, RWY 16R DTHR 85M.
2. OBST-HIAL LCA 4081M FM SOT 6FT AGL penetrates OLS by 1FT is not taken into account in the calculation of TODA gradient and STODA.
3. Wind TURB on RWY 16R may be induced by road construction and associated structures LCA under APCH when wind is BTN 200 MAG and 245 MAG with a mean wind speed greater than 18KT (gust 25KT) or when wind is BTN 078 MAG and 101 MAG with a mean wind speed of 14KT (gust 19KT).

34L	(4)	3962 (12999)	4052 (13294) (3.1%)	3962 (12999)	3962 (12999)

RESA dimensions 90M X 90M commences from RWS end.
1. Approach GRAD 2.1%.
2. OBST two aerials associated with 34L ILS located 4083.4M FM SOT RWY 34L, aerial one on the extended RWY CL, aerial two 57.5M W of the RWY CL, both 15FT AGL infringe the OLS by 4.5FT and OBST-HIAL LCA BTN 4057M and 4303M FM SOT MAX height AGL 19FT penetrate OLS by MAX 7FT are not taken into account in calculation of TODA gradient and STODA.
Slope 0.2% down to N and 0.1% down to S. Highest point 1920M from N end. RWY WID 45 RWS WID 280 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY07- 1260(4134)(1.6) 1626(5335)(1.9) 1896(6220)(2.2) 2098(6883)(2.5) 2432(7979)(3.3)
RWY25- 1912(6273)(1.9) 2331(7648)(2.2) 2416(7926)(2.5) 2514(8248)(3.3)
RWY16L- 2450(8038)(1.6) 2482(8143)(1.9) 2499(8199)(2.2) 2509(8232)(2.5)
RWY34R- 1552(5092)(1.6) 2028(6653)(1.9) 2244(7362)(2.2) 2343(7687)(2.5) 2473(8113)(3.3)
RWY16R- 3955(12976)(1.6) 4001(13126)(1.9) 4036(13241)(2.2)
RWY34L- 3393(11132)(1.6) 3655(11991)(1.9) 3809(12497)(2.2) 3896(12782)(2.5)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY07-	TKOF from TWY A;	RWY remaining 1666(5466)	reduce all DIST by 864(2835)
RWY07-	TKOF from TWY B;	RWY remaining 1300(4265)	reduce all DIST by 1230(4035)
RWY07-	TKOF from TWY C;	RWY remaining 1146(3760)	reduce all DIST by 1384(4541)
RWY07-	TKOF from TWY G2;	RWY remaining 2397(7864)	reduce all DIST by 133(436)
RWY07-	TKOF from TWY Y;	RWY remaining 2053(6735)	reduce all DIST by 477(1565)
RWY25-	TKOF from TWY B;	RWY remaining 1254(4114)	reduce all DIST by 1276(4186)
RWY25-	TKOF from TWY C;	RWY remaining 1406(4613)	reduce all DIST by 1124(3688)
RWY25-	TKOF from TWY D;	RWY remaining 1865(6119)	reduce all DIST by 665(2182)
RWY25-	TKOF from TWY G4;	RWY remaining 2394(7854)	reduce all DIST by 136(446)
RWY16L-	TKOF from TWY L;	RWY remaining 2277(7470)	reduce all DIST by 161(528)
RWY34R-	TKOF from TWY T5;	RWY remaining 2362(7749)	reduce all DIST by 76(249)
RWY16R-	TKOF from TWY A3;	RWY remaining 1931(6335)	reduce all DIST by 2031(6663)
RWY16R-	TKOF from TWY B3;	RWY remaining 3330(10925)	reduce all DIST by 632(2073)
RWY16R-	TKOF from TWY B4;	RWY remaining 3139(10298)	reduce all DIST by 823(2700)
RWY16R-	TKOF from TWY B6;	RWY remaining 2926(9600)	reduce all DIST by 1036(3399)
RWY16R-	TKOF from TWY B8;	RWY remaining 2142(7027)	reduce all DIST by 1820(5971)
RWY16R-	TKOF from TWY B10;	RWY remaining 1439(4721)	reduce all DIST by 2523(8277)
RWY16R-	TKOF from TWY F;	RWY remaining 3426(11240)	reduce all DIST by 536(1759)
RWY16R-	TKOF from TWY G;	RWY remaining 2849(9347)	reduce all DIST by 1113(3652)
RWY16R-	TKOF from TWY L;	RWY remaining 1359(4459)	reduce all DIST by 2603(8540)
RWY34L-	TKOF from TWY A5;	RWY remaining 3352(10997)	reduce all DIST by 610(2001)
RWY34L-	TKOF from TWY B6;	RWY remaining 1059(3474)	reduce all DIST by 2903(9524)
RWY34L-	TKOF from TWY B8;	RWY remaining 1842(6043)	reduce all DIST by 2120(6955)
RWY34L-	TKOF from TWY B10;	RWY remaining 2546(8353)	reduce all DIST by 1416(4646)
RWY34L-	TKOF from TWY G;	RWY remaining 1135(3724)	reduce all DIST by 2827(9275)
RWY34L-	TKOF from TWY K;	RWY remaining 1662(5453)	reduce all DIST by 2300(7546)
RWY34L-	TKOF from TWY L;	RWY remaining 2626(8615)	reduce all DIST by 1336(4383)

SYDNEY/NANCY-BIRD WALTON

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(4)	3700 (12139)	3760 (12336) (2.04%)	3700 (12139)	3700 (12139)

RESA dimensions 240M X 90M commences from RWS end.
Longitudinal slope change within the RWY 05 Radio Altimeter Operating Area (RAOA) is 0.54% per 30M.

23	(4)	3700 (12139)	3760 (12336) (3.02%)	3700 (12139)	3700 (12139)

RESA dimensions 240M X 90M commences from RWS end.
Slope 0.51% down to NE. RWY WID 45 RWS WID 280 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05- 3570(11712)(1.6) 3697(12129)(1.9)
RWY23- 2647(8684)(1.6) 3117(10226)(1.9) 3402(11161)(2.2) 3583(11755)(2.5)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY05-	TKOF from TWY A8;	RWY remaining 3170(10400)	reduce all DIST by 530(1739)
RWY05-	TKOF from TWY A9;	RWY remaining 3630(11909)	reduce all DIST by 70(230)
RWY23-	TKOF from TWY A2;	RWY remaining 3630(11909)	reduce all DIST by 70(230)
RWY23-	TKOF from TWY A3;	RWY remaining 3219(10561)	reduce all DIST by 481(1578)

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TAMWORTH

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(2)	842 (2762)	902 (2959) (5.05%)	842 (2762)	842 (2762)
24	(2)	842 (2762)	902 (2959) (2.54%)	842 (2762)	842 (2762)
	Slope 0.2% down to SW. RWY WID 30 RWS WID 90				
12L	(4)	2200 (7218)	2260 (7415) (1.92%)	2200 (7218)	2200 (7218)
	RESA dimensions 90M X 150M commences from RWY end.				
30R	(4)	2200 (7218)	2260 (7415) (2.2%)	2200 (7218)	2200 (7218)
	RESA dimensions 90M X 150M commences from RWY end.				
	Slope 0.8% first 1630(5348) down to NW then level. RWY WID 45 RWS WID 150				
12R	(1)	1110 (3642)	1140 (3740) (3.57%)	1110 (3642)	1110 (3642)
30L	(1)	1110 (3642)	1140 (3740) (2.82%)	1110 (3642)	1110 (3642)
	Slope 0.99% first 670M(2198) down to NW then 1.243% to end. RWY WID 18 RWS WID 90				
18	(2)	1020 (3346)	1080 (3543) (3.5%)	1020 (3346)	984 (3228)
	RWY 18 DTHR 36M.				
36	(2)	1020 (3346)	1080 (3543) (7.79%)	1020 (3346)	1020 (3346)
	Slope 1.2% down to N. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY06-	814(2671)(3.3)	900(2953)(5.0)			
RWY24-	887(2910)(2.5)				
RWY12L-	2108(6916)(1.6)	2255(7398)(1.9)			
RWY30R-	2117(6945)(1.6)	2243(7359)(1.9)			
RWY12R-	841(2759)(2.2)	936(3071)(2.5)	1102(3615)(3.3)		
RWY30L-	985(3232)(1.6)	1027(3369)(1.9)	1066(3497)(2.2)	1098(3602)(2.5)	
RWY18-	1021(3350)(3.3)				
RWY36-	815(2674)(1.6)	855(2805)(1.9)	882(2894)(2.2)	905(2969)(2.5)	953(3127)(3.3)
	1019(3343)(5.0)				

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY12L-	TKOF from TWY B;	RWY remaining 1830(6004)	reduce all DIST by 370(1214)
RWY12L-	TKOF from TWY C;	RWY remaining 1115(3658)	reduce all DIST by 1085(3560)
RWY30R-	TKOF from TWY A;	RWY remaining 1823(5981)	reduce all DIST by 377(1237)
RWY30R-	TKOF from TWY C;	RWY remaining 1100(3609)	reduce all DIST by 1100(3609)

TAREE

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(3)	1504 (4934)	1564 (5131) (2.61%)	1504 (4934)	1389 (4557)
	RESA dimensions 60M X 60M commences from RWY end.				
	RWY 04 DTHR 115M (377FT).				
22	(3)	1504 (4934)	1564 (5131) (21.99%)	1504 (4934)	1504 (4934)
	RESA dimensions 60M X 60M commences from RWY end.				
	RWY 04/22: TKOF climb SFC inner edge 150M.				
	CAUTION: NE end unlit OBST fence 3FT ABV and 89M E of RWY CL has not been taken into account in calculation of TODA GRAD and STODA.				
	Slope 0.5% down to NE. RWY WID 30 RWS WID 150 Graded 90				
12	(1)	564 (1850)	624 (2047) (3.85%)	564 (1850)	564 (1850)
30	(1)	564 (1850)	624 (2047) (5%)	564 (1850)	564 (1850)
	1. Trees infringe transitional SFC on S side of the RWY.				
	2. RWY 12/30 RWS S side transitional surface infringed.				
	Slope 0.2% down to SE. RWY WID 18 RWS WID 60				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04-	1303(4275)(1.6)	1460(4790)(1.9)	1560(5118)(2.2)	1563(5128)(2.5)		
RWY22-	998(3274)(1.9)	1179(3868)(2.2)	1306(4285)(2.5)	1467(4813)(3.3)	1518(4980)(5.0)	

TAROOM

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(2)	1091 (3579)	1151 (3776) (4.7%)	1091 (3579)	1091 (3579)
26	(2)	1091 (3579)	1151 (3776) (2.42%)	1091 (3579)	1091 (3579)

Slope 0.8% down to W. RWY WID 30 RWS WID 90

12	(2)	1100 (3609)	1160 (3806) (2.41%)	1100 (3609)	1100 (3609)

RESA dimensions 90M X 60M commences from RWS end.

30	(2)	1100 (3609)	1160 (3806) (1.6%)	1100 (3609)	1100 (3609)

RESA dimensions 90M X 60M commences from RWS end.

Slope 0.8% down to NW. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08-	854(2802)(1.9)	1048(3438)(2.2)	1082(3550)(2.5)	1121(3678)(3.3)
RWY26-	1019(3343)(1.6)	1081(3547)(1.9)	1125(3691)(2.2)	
RWY12-	1095(3592)(1.6)	1123(3684)(1.9)	1147(3763)(2.2)	

TELFER

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(3)	2000 (6562)	2060 (6758) (1.24%)	2000 (6562)	2000 (6562)

RESA dimensions 90M X 60M commences from RWY end.

30	(3)	2000 (6562)	2060 (6758) (1.91%)	2000 (6562)	2000 (6562)

RESA dimensions 90M X 60M commences from RWY end.

1. Mine tailings & masts protrude through obstacle limitation surface south side of RWY.
2. Approach inner edge 150M. Approach GRAD 3.33%.

Slope 0.41% down to SE. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY30-	1760(5774)(1.6)	2051(6729)(1.9)

TEMORA

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(3)	2040 (6693)	2100 (6890) (4.41%)	2040 (6693)	2040 (6693)

RESA dimensions 60M X 60M commences from RWY end.

OBST: Fence 2.8FT ABV and at RWS end transient OBST (Railway) up to 16.3FT ABV and 57M E of RWS end are not taken into account in the calculation of TODA GRAD and STODA.

23	(3)	2040 (6693)	2100 (6890) (2.78%)	2040 (6693)	1980 (6496)

RESA dimensions 60M X 60M commences from RWY end.

1. OBST: Fence 1.9FT ABV RWS end parallel to RWY, 75M N and S of RCL, are not taken into account in the calculation of TODA GRAD and STODA.
2. RWY 23 DTHR 60M.

Slope 0.5% from each end down to centre. RWY WID 30 RWS WID 90

09	(1)	815 (2674)	845 (2772) (4.35%)	815 (2674)	815 (2674)
27	(1)	815 (2674)	845 (2772) (1.76%)	815 (2674)	815 (2674)

Slope Level. RWY WID 30 RWS WID 60

18	(3)	1355 (4445)	1433 (4701) (4.58%)	1355 (4445)	1355 (4445)

RESA dimensions 60M X 60M commences from RWY end.

1. Fence 6.5FT ABV and 24M S of RWS end, and transient OBST up to 16.7FT ABV and 29M S of RWS end, not taken into account in calculation of TODA GRAD and STODA.

36	(3)	1355 (4445)	1415 (4642) (3.3%)	1355 (4445)	1341 (4400)

RESA dimensions 60M X 60M commences from RWY end.
1. RWY 36 DTHR 14M.
2. Infrequent transient OBSTR on APCH to RWY 18/36.
3. Transient OBSTR not accounted for in locating THR.
4. RWY 18/36 APCH takeoff inner edge 90.
5. Fence 3.1FT ABV & 33M N of RWS end, and transient OBST up to 18.9FT ABV and 184M N of RWS end, have not been taken into account in the calculation of TODA GRAD & STODA.
Slope 0.3% down to N. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05- 1922(6306)(1.6) 1962(6437)(1.9) 1993(6539)(2.2) 2018(6621)(2.5) 2065(6775)(3.3)
RWY23- 1432(4698)(1.6) 1706(5597)(1.9) 1883(6178)(2.2) 2013(6604)(2.5)
RWY18- 827(2713)(1.9) 1005(3297)(2.2) 1111(3645)(2.5) 1296(4252)(3.3)
RWY36- 1101(3612)(1.6) 1190(3904)(1.9) 1259(4131)(2.2) 1315(4314)(2.5)

TENNANT CREEK

RWY	(CN)	TORA	TODA	ASDA	LDA
07	(3)	1959 (6427)	2019 (6624) (2.81%)	1959 (6427)	1959 (6427)

RESA dimensions 120M X 90M commences from RWS end.

25	(3)	1959 (6427)	2019 (6624) (2.37%)	1959 (6427)	1959 (6427)

RESA dimensions 110M X 90M commences from RWS end.
OBST fences 6.3FT ABV, 98M south and 4.1FT ABV, 91M north, both PARL to RCL are not taken into account in determining TODA GRAD and STODA.
Slope 0.4% down to W. RWY WID 30 RWS WID 150 Graded 90

11	(2)	1054 (3458)	1114 (3655) (2.94%)	1054 (3458)	1054 (3458)

RESA dimensions 120M X 90M commences from RWS end.

29	(2)	1054 (3458)	1178 (3865) (1.67%)	1054 (3458)	1054 (3458)

RESA dimensions 120M X 90M commences from RWS end.
Slope 0.4% down to NW. RWY WID 23 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY07- 1304(4278)(2.2) 1703(5587)(2.5)
RWY25- 1957(6421)(1.6) 1987(6519)(1.9) 2009(6591)(2.2)
RWY11- 806(2644)(2.2) 956(3136)(2.5)
RWY29- 1163(3816)(1.6)

THANGOOL

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(2)	1527 (5010)	1587 (5207) (2.55%)	1527 (5010)	1527 (5010)

RESA dimensions 60M X 60M commences from RWY end.

28	(2)	1527 (5010)	1587 (5207) (3.21%)	1527 (5010)	1527 (5010)

RESA dimensions 60M X 60M commences from RWY end.
RWY 10/28 - OBST survey conducted using 150M inner edge width.
Slope 0.2% down to W. RWY WID 30 RWS WID 90

14	(1)	794 (2605)	854 (2802) (4.75%)	794 (2605)	794 (2605)
32	(1)	794 (2605)	854 (2802) (3.2%)	794 (2605)	794 (2605)

Slope 0.4% down to NW. RWY WID 30 RWS WID 60

SUPPLEMENTARY TAKEOFF DISTANCES

RWY10- 1022(3353)(1.9) 1400(4593)(2.2) 1563(5128)(2.5)
RWY28- 1199(3934)(1.6) 1317(4321)(1.9) 1406(4613)(2.2) 1474(4836)(2.5)

THARGOMINDAH

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(2)	846 (2776)	906 (2972) (3.75%)	846 (2776)	846 (2776)
22	(2)	846 (2776)	906 (2972) (3.34%)	846 (2776)	846 (2776)

Slope 0.4% down to NE. RWY WID 30 RWS WID 90

13	(2)	1463 (4800)	1523 (4997) (6.62%)	1463 (4800)	1463 (4800)

RESA dimensions 90M X 60M commences from RWY end.

31	(2)	1463 (4800)	1523 (4997) (14.9%)	1463 (4800)	1463 (4800)

RESA dimensions 90M X 60M commences from RWY end.

RWY reference code based on 150M TKOF inner edge WID.

Slope 0.1% down to SE. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 819(2687)(2.5) 883(2897)(3.3)
RWY22- 902(2959)(3.3)
RWY13- 912(2992)(1.6) 1147(3763)(1.9) 1313(4308)(2.2) 1401(4596)(2.5) 1468(4816)(3.3) 1510(4954)(5.0)
RWY31- 1395(4577)(1.6) 1434(4705)(1.9) 1457(4780)(2.2) 1466(4810)(2.5) 1482(4862)(3.3) 1500(4921)(5.0)

THE GRANITES

RWY	(CN)	TORA	TODA	ASDA	LDA
11	(3)	2336 (7664)	2396 (7861) (1.96%)	2336 (7664)	2336 (7664)

RESA dimensions 90M X 60M commences from RWS end.

29	(3)	2336 (7664)	2396 (7861) (2.8%)	2336 (7664)	2336 (7664)

RESA dimensions 90M X 60M commences from RWS end.

RWY 11/29 APCH inner edge length 150M.

Slope 0.2% down to W. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11- 2346(7697)(1.6) 2389(7838)(1.9)
RWY29- 1312(4304)(1.9) 1762(5781)(2.2) 2112(6929)(2.5)

THE MONUMENT

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(3)	1900 (6234)	1960 (6430) (2%)	1900 (6234)	1900 (6234)

RESA dimensions 90M X 60M commences from RWS end.

32	(3)	1900 (6234)	1960 (6430) (2.71%)	1900 (6234)	1900 (6234)

RESA dimensions 90M X 60M commences from RWS end.

Slope Level. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY14- 1954(6411)(1.6) 1959(6427)(1.9)
RWY32- 1607(5272)(1.6) 1755(5758)(1.9) 1856(6089)(2.2) 1931(6335)(2.5)

THEODORE

RWY	(CN)	TORA	TODA	ASDA	LDA
17	(3)	1350 (4429)	1410 (4626) (1.6%)	1350 (4429)	1350 (4429)

RESA dimensions 90M X 60M commences from RWS end.

35	(3)	1350 (4429)	1410 (4626) (1.95%)	1350 (4429)	1350 (4429)

RESA dimensions 90M X 60M commences from RWS end.

Slope FM centre down 0.7% to N and 0.5% to S. RWY WID 30 RWS WID 90 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY35- 1306(4285)(1.6) 1391(4564)(1.9)

THUNDERBOX

RWY	(CN)	TORA	TODA	ASDA	LDA
07	(3)	1900 (6234)	1960 (6430) (3.22%)	1900 (6234)	1900 (6234)
	RESA dimensions 90M X 60M commences from RWS end.				
25	(3)	1900 (6234)	1960 (6430) (2.45%)	1900 (6234)	1900 (6234)
	RESA dimensions 90M X 60M commences from RWS end.				
	Slope 0.14% down to E. RWY WID 30 RWS WID 90 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY07-	1760(5774)(1.6)	1850(6069)(1.9)	1886(6188)(2.2)	1913(6276)(2.5)
RWY25-	1803(5915)(1.6)	1876(6155)(1.9)	1927(6322)(2.2)	

TIBOOBURRA

RWY	(CN)	TORA	TODA	ASDA	LDA
02	(2)	995 (3264)	1055 (3461) (4.07%)	995 (3264)	995 (3264)
	RESA dimensions 60M X 60M commences from RWY end.				
	3.3% OBST clear APCH SFC LDG RWY 20 terminates at THR not RWS end.				
20	(2)	995 (3264)	1055 (3461) (5.44%)	995 (3264)	995 (3264)
	RESA dimensions 60M X 60M commences from RWY end.				
	3.3% OBST clear APCH SFC LDG RWY 02 terminates at THR not RWS end.				
	Slope 0.4% down to SW. RWY WID 18 RWS WID 90				
15	(2)	1532 (5026)	1592 (5223) (5.14%)	1532 (5026)	1532 (5026)
	4% OBST clear APCH SFC LDG RWY 33 terminates at THR not RWS end.				
33	(2)	1532 (5026)	1592 (5223) (9.22%)	1532 (5026)	1532 (5026)
	4% OBST clear APCH SFC LDG RWY 15 terminates at THR not RWS end.				
	Slope 1.0% down to SE. RWY WID 18 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY02-	880(2887)(1.9)	935(3068)(2.2)	990(3248)(2.5)	1041(3415)(3.3)	
RWY20-	973(3192)(1.6)	986(3235)(1.9)	995(3264)(2.2)	1003(3291)(2.5)	1017(3337)(3.3)
	1052(3451)(5.0)				
RWY15-	1528(5013)(1.6)	1550(5085)(1.9)	1564(5131)(2.2)	1569(5148)(2.5)	1580(5184)(3.3)
	1591(5220)(5.0)				
RWY33-	1096(3596)(1.6)	1277(4190)(1.9)	1381(4531)(2.2)	1449(4754)(2.5)	1520(4987)(3.3)
	1561(5121)(5.0)				

TINDAL

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(MIL)	3352 (10997)	3497 (11473) (1.93%)	3352 (10997)	3352 (10997)
32	(MIL)	3352 (10997)	3412 (11194) (2.7%)	3352 (10997)	3352 (10997)

1. TKOF/Climb SFC inner edge WID 180.

2. RWY 14 CWY 145M. RWY 32 CWY 60M.

Slope 0.06% down to NW to 896M, then 0.29% down to 2147M, then 0.05% down to end. RWY WID 45 RWS WID 230

ALERT APRONS

TEMPO DISP THR RWY 14 marked by four white cones either side of the RWY, 360M from the RWY 14 end.

RWY	TORA	TODA	ASDA	LDA
14	3200(10498)	3260(10695)(1.93%)	3200(10498)	2992(9816)
32	2992(9816)	3052(10013)(2.0%)	3232(10603)	3232(10603)

SUPPLEMENTARY TAKEOFF DISTANCES

RWY

32 2977(9767)(1.6) 3036(9960)(1.9)

TEMPO DISP THR RWY 32 marked by four white cones either side of the RWY, 360M from the RWY 32 end.

RWY	TORA	TODA	ASDA	LDA
14	2992(9816)	3052(10013)(2.0%)	3232(10603)	3232(10603)
32	3200(10498)	3260(10695)(2.7%)	3200(10498)	2992(9816)

SUPPLEMENTARY TAKEOFF DISTANCES

RWY

14 2977(9767)(1.6%) 3036(9960)(1.9%)

SUPPLEMENTARY TAKEOFF DISTANCES

RWY14- 3324(10905)(1.6) 3489(11447)(1.9)
RWY32- 3155(10351)(1.6) 3255(10679)(1.9) 3282(10768)(2.0) 3328(10919)(2.2) 3385(11106)(2.5)

TOCUMWAL

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(2)	1202 (3944)	1262 (4140) (3.47%)	1202 (3944)	1202 (3944)
27	(2)	1202 (3944)	1262 (4140) (2.13%)	1202 (3944)	1202 (3944)

CAUTION: Transient OBST up to 15.1FT ABV and 121M W of RWS end has not been taken into account in calculating TODA GRAD and STODA.

Slope 0.2% down to W. RWY Code 2. RWY WID 30 RWS WID 90

18	(2)	1273 (4176)	1333 (4373) (3.72%)	1273 (4176)	1273 (4176)
36	(2)	1273 (4176)	1460 (4790) (2.92%)	1273 (4176)	1273 (4176)

Slope 0.1% down to N. RWY Code 2. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 920(3018)(2.2) 1051(3448)(2.5) 1241(4071)(3.3)
RWY27- 1217(3993)(1.6) 1246(4088)(1.9)
RWY18- 951(3120)(1.9) 1074(3524)(2.2) 1161(3809)(2.5) 1292(4239)(3.3)
RWY36- 1098(3602)(1.6) 1272(4173)(1.9) 1399(4590)(2.2) 1450(4757)(2.5)

TOOWOOMBA

RWY	(CN)	TORA	TODA	ASDA	LDA
06	(1)	660 (2165)	690 (2264) (4.86%)	660 (2165)	660 (2165)
24	(1)	660 (2165)	690 (2264) (2.34%)	660 (2165)	660 (2165)

Slope 1.2% down to SW. RWY WID 18 RWS WID 60

11	(2)	1221 (4006)	1281 (4203) (1.91%)	1221 (4006)	1221 (4006)

RESA dimensions 120M X 90M commences from RWY end.

29	(2)	1221 (4006)	1281 (4203) (1.2%)	1221 (4006)	1221 (4006)

RESA dimensions 120M X 90M commences from RWY end.

1. TKOF run for jet OPS commences at the THR for both directions on RWY 11/29. The TORA, STODA, TODA and ASDA for jet OPS shown above.

2. TKOF run for non-jet OPS on RWY 11/29 at RESA end for both directions. TORA, STODA, TODA and ASDA length for non-jet OPS are increased by 120M.

3. AD is rated Code 2C.

4. RWY 11/29 - distance to run markers - 300/600M southern side.

Slope FM W end 1.2% up to E for 405M, then down 0.7% to E RESA end. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY11- 1092(3583)(1.6) 1274(4180)(1.9)

TOWNSVILLE/TOWNSVILLE INTL

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(4)	2438 (7999)	2640 (8661) (2.23%)	2438 (7999)	2438 (7999)

RESA dimensions 300M X 90M commences from RWY end.

1. RWY 01 TODA GRAD and STODA is based on a reduced length of defined TKOF SFC surveyed to 7500M.

2. RWY 01 THR LCA is determined by a 3.01% clear GRAD to THR.

19	(4)	2438 (7999)	2640 (8661) (2.65%)	2438 (7999)	2438 (7999)

RESA dimensions 300M X 90M commences from RWY end.

RWY 19 THR LCA is determined by a reduced length of defined APCH SFC surveyed to 7,500M with a 300M inner edge.

Slope 0.1% down to N. RWY WID 45 RWS WID 300 Graded 150

07	(2)	1100 (3609)	1160 (3806) (3.19%)	1100 (3609)	1100 (3609)

RESA dimensions 60M X 60M commences from RWY end.

25	(2)	1100 (3609)	1160 (3806) (3.12%)	1100 (3609)	1100 (3609)

RESA dimensions 60M X 60M commences from RWY end.

RWY 07/25 surveyed to 90M wide inner edge.

Slope Level. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY01- 2564(8412)(1.6) 2607(8553)(1.9) 2638(8655)(2.2)
RWY19- 1911(6270)(1.6) 2492(8176)(1.9) 2572(8438)(2.2) 2621(8599)(2.5)
RWY07- 868(2848)(2.2) 979(3212)(2.5)
RWY25- 1104(3622)(1.6) 1123(3684)(1.9) 1138(3734)(2.2) 1149(3770)(2.5)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY01- TKOF from TWY C; RWY remaining 1443(4734) reduce all DIST by 995(3264)
RWY01- TKOF from TWY D2; RWY remaining 1828(5997) reduce all DIST by 610(2001)
RWY19- TKOF from TWY E; RWY remaining 1365(4478) reduce all DIST by 1073(3520)
RWY19- TKOF from TWY G1; RWY remaining 1791(5876) reduce all DIST by 647(2123)

TREPELL

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(3)	1800 (5905)	1860 (6102) (2.05%)	1800 (5905)	1800 (5905)
	RESA dimensions 60M X 60M commences from RWS end.				
32	(3)	1800 (5905)	1860 (6102) (1.83%)	1800 (5905)	1800 (5905)
	RESA dimensions 60M X 60M commences from RWS end.				
	Slope 0.26% down to SE. RWY WID 45 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY14- 1792(5879)(1.6) 1837(6027)(1.9)
RWY32- 1807(5928)(1.6)

TROPICANA

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(3)	2100 (6890)	2160 (7087) (2.05%)	2100 (6890)	2100 (6890)
	RESA dimensions 90M X 60M commences from RWS end.				
27	(3)	2100 (6890)	2160 (7087) (2.73%)	2100 (6890)	2100 (6890)
	RESA dimensions 90M X 60M commences from RWS end.				
	Side transitional SFC infringed by trees both sides.				
	Slope 0.5% down to E. RWY WID 30 RWS WID 150 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 2057(6749)(1.6) 2138(7014)(1.9)
RWY27- 1266(4153)(1.6) 1578(5177)(1.9) 1847(6060)(2.2) 2077(6814)(2.5)

TROUGHTON ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(2)	982 (3222)	1042 (3419) (1.2%)	982 (3222)	982 (3222)
	RESA dimensions 60M X 60M commences from RWY end.				
32	(2)	982 (3222)	1042 (3419) (1.2%)	982 (3222)	982 (3222)
	RESA dimensions 60M X 60M commences from RWY end.				
	Slope 0.9% down to SE and 0.9% down to NW. RWY WID 30 RWS WID 90				

TUMBY BAY

RWY	(CN)	TORA	TODA	ASDA	LDA
15	(2)	1097 (3599)	1157 (3796) (3.83%)	1097 (3599)	1097 (3599)
	RESA dimensions 60M X 60M commences from RWY end.				
33	(2)	1097 (3599)	1157 (3796) (1.81%)	1097 (3599)	1097 (3599)
	RESA dimensions 60M X 60M commences from RWY end.				
	Slope 0.6% down to S. RWY WID 18 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY15- 885(2904)(1.6) 952(3123)(1.9) 1004(3294)(2.2) 1046(3432)(2.5) 1125(3691)(3.3)
RWY33- 1017(3337)(1.6)

TUMUT

RWY	(CN)	TORA	TODA	ASDA	LDA
17	(1)	1060 (3478)	1120 (3674) (4.57%)	1060 (3478)	1060 (3478)
	RESA dimensions 60M X 36M commences from RWY end.				
35	(1)	1060 (3478)	1120 (3674) (2.94%)	1060 (3478)	1060 (3478)
	RESA dimensions 60M X 36M commences from RWY end.				
	Slope 0.5% down to N. RWY WID 18 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY17- 930(3051)(3.3)
RWY35- 855(2805)(2.5)

WAGGA WAGGA

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(3)	1770 (5807)	1830 (6004) (3.28%)	1770 (5807)	1770 (5807)
	RESA dimensions 60M X 150M commences from RWY end.				
23	(3)	1770 (5807)	1830 (6004) (1.83%)	1770 (5807)	1770 (5807)
	RESA dimensions 60M X 150M commences from RWY end.				
	Slope 0.2% down to NE. RWY WID 45 RWS WID 150				
12	(1)	851 (2792)	911 (2989) (3.3%)	851 (2792)	851 (2792)
	RESA dimensions 60M X 90M commences from RWY end.				
30	(1)	851 (2792)	924 (3031) (3.46%)	851 (2792)	851 (2792)
	RESA dimensions 60M X 90M commences from RWY end.				
	Slope 0.6% down to NW. RWY WID 18 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05-	918(3012)(1.6)	1593(5226)(1.9)	1812(5945)(2.2)	1819(5968)(2.5)
RWY23-	1724(5656)(1.6)			
RWY12-	840(2756)(2.5)			
RWY30-	819(2687)(2.5)	910(2986)(3.3)		

WALGETT

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(3)	1626 (5335)	1686 (5531) (6.69%)	1626 (5335)	1626 (5335)
	RESA dimensions 90M X 60M commences from RWY end.				
	CAUTION: OBST Fence 3.9FT ABV and PARL to RWY, 75M SE of RCL, is not taken into account in determining TODA GRAD and STODA.				
23	(3)	1626 (5335)	1686 (5531) (8.94%)	1626 (5335)	1626 (5335)
	RESA dimensions 90M X 60M commences from RWY end.				
	CAUTION: OBST Fence 2.8FT ABV and PARL to RWY, 89M SE of RCL, is not taken into account in determining TODA GRAD and STODA.				
	Slope Level. RWY WID 30 RWS WID 150 Graded 90				
18	(2)	1153 (3783)	1213 (3980) (3.2%)	1153 (3783)	1153 (3783)
36	(2)	1153 (3783)	1213 (3980) (5.4%)	1153 (3783)	1153 (3783)
	Slope Level. RWY WID 30 RWS WID 90 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05-	1209(3966)(1.6)	1330(4363)(1.9)	1405(4610)(2.2)	1460(4790)(2.5)	1559(5115)(3.3)
	1664(5459)(5.0)				
RWY23-	827(2713)(1.9)	979(3212)(2.2)	1083(3553)(2.5)	1281(4203)(3.3)	1501(4924)(5.0)
RWY18-	1029(3376)(1.6)	1078(3537)(1.9)	1122(3681)(2.2)	1153(3783)(2.5)	
RWY36-	838(2749)(2.2)	959(3146)(2.5)	1102(3615)(3.3)	1205(3953)(5.0)	

WANGARATTA

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(1)	530 (1739)	560 (1837) (4.95%)	530 (1739)	530 (1739)
27	(1)	530 (1739)	560 (1837) (5.25%)	530 (1739)	530 (1739)

Slope 0.2% down to W. RWY WID 18 RWS WID 60

18	(3)	1640 (5381)	1700 (5577) (4.75%)	1640 (5381)	1640 (5381)

RESA dimensions 60M X 60M commences from RWY end.

Unlit OBST Fence 4.8FT ABV and 30M S of RWS end has not been taken into account in the calculation of the TODA GRAD and STODA.

36	(3)	1640 (5381)	1700 (5577) (3.36%)	1640 (5381)	1640 (5381)

RESA dimensions 60M X 60M commences from RWY end.

1. 3.33% OBST CLR APCH SFC LDG RWY 36 terminates at THR not RWS end.
2. LDG RWY 36 - Unlit OBST is fence 4.8FT ABV and 30M S of RWS end.
3. Transitional SFC infringed on W side by isolated trees.

Slope 0.1% down to N. RWY WID 30 RWS WID 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY18- 877(2877)(1.6) 1078(3537)(1.9) 1222(4009)(2.2) 1330(4363)(2.5) 1522(4993)(3.3)
RWY36- 1065(3494)(1.6) 1253(4111)(1.9) 1391(4564)(2.2) 1498(4915)(2.5) 1691(5548)(3.3)

WARBURTON

RWY	(CN)	TORA	TODA	ASDA	LDA
18	(2)	1590 (5216)	1650 (5413) (4.3%)	1590 (5216)	1590 (5216)

RESA dimensions 60M X 60M commences from RWS end.

36	(2)	1590 (5216)	1650 (5413) (3.97%)	1590 (5216)	1590 (5216)

RESA dimensions 60M X 60M commences from RWS end.

Slope 0.2% down to S. RWY WID 23 RWS WID 80

SUPPLEMENTARY TAKEOFF DISTANCES

RWY18- 1285(4216)(1.6) 1372(4501)(1.9) 1437(4715)(2.2) 1488(4882)(2.5) 1580(5184)(3.3)
RWY36- 1344(4409)(1.6) 1430(4692)(1.9) 1490(4888)(2.2) 1534(5033)(2.5) 1611(5285)(3.3)

WARRACKNABEAL

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(3)	1372 (4501)	1432 (4698) (1.7%)	1372 (4501)	1372 (4501)

RESA dimensions 60M X 90M commences from RWY end.

Fence 2.1FT ABV and PARL to RWY, 57M S of RCL, is not taken into account in calculating TODA GRAD and STODA.

26	(3)	1372 (4501)	1432 (4698) (19.13%)	1372 (4501)	1372 (4501)

RESA dimensions 60M X 90M commences from RWY end.

CAUTION: Side transitions infringed.

Slope 0.3% from THR down to centre. RWY WID 30 RWS WID 150 Graded 90

17	(1)	763 (2503)	823 (2700) (2.06%)	763 (2503)	763 (2503)

RESA dimensions 60M X 90M commences from RWY end.

35	(1)	763 (2503)	823 (2700) (2.04%)	763 (2503)	763 (2503)

RESA dimensions 60M X 90M commences from RWY end.

Slope 0.4% down to N. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08- 1365(4478)(1.6)
RWY26- 965(3166)(1.6) 1086(3563)(1.9) 1170(3839)(2.2) 1233(4045)(2.5) 1318(4324)(3.3) 1368(4488)(5.0)

WARREN

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(2)	1050 (3445)	1110 (3642) (2.9%)	1050 (3445)	1050 (3445)
21	(2)	1050 (3445)	1127 (3697) (3.07%)	1050 (3445)	1050 (3445)

Slope 0.8% down to SW. RWY WID 30 RWS WID 90

09	(2)	1189 (3901)	1249 (4098) (2.1%)	1189 (3901)	1189 (3901)
27	(2)	1189 (3901)	1249 (4098) (2.64%)	1189 (3901)	1189 (3901)

Slope 0.2% down to W. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY03- 834(2736)(1.9) 931(3054)(2.2) 1013(3323)(2.5)
RWY21- 826(2710)(2.2) 952(3123)(2.5)
RWY09- 1093(3586)(1.6) 1204(3950)(1.9)
RWY27- 1023(3356)(1.6) 1107(3632)(1.9) 1166(3825)(2.2) 1224(4016)(2.5)

WARRNAMBOOL

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(2)	1069 (3507)	1129 (3704) (3.72%)	1069 (3507)	1069 (3507)
22	(2)	1069 (3507)	1129 (3704) (1.55%)	1069 (3507)	1069 (3507)

Slope 0.2% down to SW. RWY WID 23 RWS WID 90

13	(3)	1372 (4501)	1432 (4698) (5%)	1372 (4501)	1372 (4501)

RESA dimensions 90M X 60M commences from RWY end.
Transient OBST 2.6FT ABV and 13.4M SE of RWS end not taken into account in the calculation of TODA, GRAD and STODA.

31	(3)	1372 (4501)	1432 (4698) (2.8%)	1372 (4501)	1372 (4501)

RESA dimensions 90M X 60M commences from RWY end.
1. Approach transitional surface infringed by trees N side approximately 53M from RWS end.
2. Fence 4FT ABV and 16M NW of RWS end not taken into account in the calculation of TODA, GRAD and STODA.
Slope 0.5% down to SE. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04- 927(3041)(1.9) 1012(3320)(2.2) 1041(3415)(2.5) 1104(3622)(3.3)
RWY13- 1270(4167)(1.6) 1331(4367)(1.9) 1356(4449)(2.2) 1378(4521)(2.5) 1410(4626)(3.3)
RWY31- 1031(3383)(1.9) 1213(3980)(2.2) 1345(4413)(2.5)

WARWICK

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(2)	1640 (5381)	1700 (5577) (5.5%)	1640 (5381)	1640 (5381)

RESA dimensions 60M X 60M commences from RWY end.

27	(2)	1640 (5381)	1700 (5577) (3.76%)	1640 (5381)	1640 (5381)

RESA dimensions 60M X 60M commences from RWY end.
Slope 0.26% down to W. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 1341(4400)(1.6) 1429(4688)(1.9) 1490(4888)(2.2) 1535(5036)(2.5) 1611(5285)(3.3) 1687(5535)(5.0)
RWY27- 1014(3327)(1.6) 1191(3907)(1.9) 1325(4347)(2.2) 1430(4692)(2.5) 1623(5325)(3.3)

WEIPA

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(3)	1645 (5397)	1705 (5594) (3.06%)	1645 (5397)	1645 (5397)

RESA dimensions 90M X 60M commences from RWS end.

30	(3)	1645 (5397)	1705 (5594) (1.99%)	1645 (5397)	1645 (5397)

RESA dimensions 90M X 60M commences from RWS end.

1. RWY 12/30 APCH inner edge length 150M.

2. RWY 12/30 TKOF inner edge length 180M.

Slope 0.1% down to NW. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 1300(4265)(1.6) 1437(4715)(1.9) 1534(5033)(2.2) 1608(5276)(2.5)
RWY30- 1584(5197)(1.6) 1702(5584)(1.9)

WENTWORTH

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(2)	1400 (4593)	1460 (4790) (3.16%)	1400 (4593)	1400 (4593)

RESA dimensions 120M X 46M commences from RWS end.

26	(2)	1400 (4593)	1460 (4790) (1.2%)	1400 (4593)	1400 (4593)

RESA dimensions 120M X 46M commences from RWS end.

Slope Level. RWY WID 23 RWS WID 140 Graded 80

17	(1)	936 (3071)	996 (3268) (3.38%)	936 (3071)	936 (3071)
35	(1)	936 (3071)	996 (3268) (6.5%)	936 (3071)	936 (3071)

OBST fence 5FT ABV and 32M N of RWS not taken into account in the calculation of TODA, GRAD and STODA.

Slope Level. RWY WID 18 RWS WID 80

SUPPLEMENTARY TAKEOFF DISTANCES

RWY08- 903(2963)(1.6) 1135(3724)(1.9) 1273(4176)(2.2) 1344(4409)(2.5)
RWY17- 888(2913)(2.5) 993(3258)(3.3)
RWY35- 803(2634)(2.5) 912(2992)(3.3) 970(3182)(5.0)

WEST ANGELAS

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(3)	1840 (6037)	1900 (6234) (2.83%)	1840 (6037)	1840 (6037)

RESA dimensions 90M X 60M commences from RWS end.

1. Fence, 2,000M FM RWY 04 SOT, 39M N of extended CL 2,354FT AMSL not taken into account in calculation of TODA gradients.

2. Fence, 1,939M FM RWY 04 start of TODA, offset 93M L of RWY CL, 9FT AGL, not taken into account in calculation of TODA gradients and STODA distances.

22	(3)	1900 (6234)	1960 (6430) (3.54%)	1900 (6234)	1840 (6037)

RESA dimensions 90M X 60M commences from RWS end.

1. RWY 22 DTHR 60M.

2. Fence 1,967M FM RWY 22 SOT, offset 75.4M R of RWY, 1.5FT AGL, not taken into account in calculation of TODA GRAD and STODA distances.

Slope 1.07% down to SW. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY22- 1498(4915)(3.3)

WEST MUSGRAVE

RWY	(CN)	TORA	TODA	ASDA	LDA
09	(3)	2100 (6890)	2160 (7087) (1.72%)	2100 (6890)	2100 (6890)
	RESA dimensions 90M X 60M commences from RWS end.				
27	(3)	2100 (6890)	2160 (7087) (1.68%)	2100 (6890)	2100 (6890)
	RESA dimensions 90M X 60M commences from RWS end.				
	Slope 0.35% down to E. RWY WID 30 RWS WID 280 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 2148(7047)(1.6)
RWY27- 2147(7044)(1.6)

WEST SALE

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(1)	500 (1640)	560 (1837) (1.2%)	500 (1640)	500 (1640)
23	(1)	500 (1640)	560 (1837) (4.68%)	500 (1640)	500 (1640)
	Slope 0.3% down to NE. RWY WID 30 RWS WID 90				
09	(3)	1803 (5915)	1863 (6112) (2.64%)	1803 (5915)	1803 (5915)
	RESA dimensions 90M X 90M commences from RWS end.				
27	(3)	1803 (5915)	1863 (6112) (2.85%)	1803 (5915)	1803 (5915)
	RESA dimensions 90M X 90M commences from RWS end.				
	Slope 0.1% down to W. RWY WID 30 RWS WID 150 Graded 90				
14	(1)	699 (2293)	759 (2490) (4.92%)	699 (2293)	699 (2293)
32	(1)	699 (2293)	759 (2490) (2.81%)	699 (2293)	699 (2293)
	Slope 1.2% down to NW. RWY WID 30 RWS WID 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 1437(4715)(1.6) 1628(5341)(1.9) 1750(5741)(2.2) 1834(6017)(2.5)
RWY27- 1180(3871)(1.6) 1427(4682)(1.9) 1613(5292)(2.2) 1751(5745)(2.5)

WEST WYALONG

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(1)	780 (2559)	840 (2756) (3.84%)	780 (2559)	780 (2559)
	E RWY 04 transition SFC infringed.				
22	(1)	780 (2559)	840 (2756) (4.11%)	780 (2559)	780 (2559)
	Slope 0.2% down to SW. RWY WID 18 RWS WID 90				
09	(3)	1585 (5200)	1645 (5397) (3.07%)	1585 (5200)	1585 (5200)
	RESA dimensions 30M X 60M commences from RWY end.				
27	(3)	1585 (5200)	1645 (5397) (4.06%)	1585 (5200)	1585 (5200)
	RESA dimensions 40M X 60M commences from RWY end.				
	Slope 0.3% down to E. RWY WID 30 RWS WID 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY09- 1277(4190)(1.6) 1393(4570)(1.9) 1506(4941)(2.2) 1584(5197)(2.5)
RWY27- 861(2825)(1.9) 1102(3615)(2.2) 1232(4042)(2.5) 1520(4987)(3.3)

WHITE CLIFFS

RWY	(CN)	TORA	TODA	ASDA	LDA
02	(2)	868 (2848)	928 (3045) (1.53%)	868 (2848)	868 (2848)
20	(2)	868 (2848)	928 (3045) (1.57%)	868 (2848)	868 (2848)
	Slope 0.12% down to SW. RWY WID 30 RWS WID 90 Graded 90				
12	(1)	1079 (3540)	1139 (3737) (6.75%)	1079 (3540)	1079 (3540)
30	(1)	1079 (3540)	1139 (3737) (1.2%)	1079 (3540)	1079 (3540)
	Slope 0.7% down to NW. RWY WID 18 RWS WID 90 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 950(3117)(1.9) 1001(3284)(2.2) 1033(3389)(2.5) 1082(3550)(3.3) 1120(3674)(5.0)

WHYALLA

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(3)	1500 (4921)	1708 (5604) (2.01%)	1500 (4921)	1500 (4921)
	RESA dimensions 90M X 60M commences from RWY end.				
23	(3)	1500 (4921)	1560 (5118) (1.95%)	1500 (4921)	1500 (4921)
	RESA dimensions 90M X 60M commences from RWY end.				
	Slope 0.1% down to NE. RWY WID 30 RWS WID 90				
17	(3)	1686 (5531)	1747 (5732) (1.65%)	1686 (5531)	1686 (5531)
	RESA dimensions 90M X 60M commences from RWS end.				
35	(3)	1686 (5531)	1836 (6024) (2.5%)	1686 (5531)	1686 (5531)
	RESA dimensions 90M X 60M commences from RWS end.				
	Slope 0.2% down to S. RWY WID 30 RWS WID 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05- 1642(5387)(1.6) 1693(5554)(1.9)
RWY23- 1524(5000)(1.6) 1556(5105)(1.9)
RWY17- 1727(5666)(1.6)
RWY35- 1703(5587)(1.6) 1759(5771)(1.9) 1803(5915)(2.2)

WILCANNIA

RWY	(CN)	TORA	TODA	ASDA	LDA
03	(1)	931 (3054)	991 (3251) (1.28%)	931 (3054)	931 (3054)
21	(1)	931 (3054)	991 (3251) (2.39%)	931 (3054)	931 (3054)
	Instrument surveyed for a Code 2 non-instrument APCH RWY, with 60M CWY at each end and a 90M common APCH and TKOF inner edge length applied for published TODA end GRAD calculations.				
	Slope 0.3% down to SW. RWY WID 18 RWS WID 90 Graded 90				
09	(2)	1097 (3599)	1157 (3796) (2.07%)	1097 (3599)	1097 (3599)
27	(2)	1097 (3599)	1157 (3796) (1.2%)	1097 (3599)	1097 (3599)
	1. A 90M common APCH and TKOF inner edge length applied for published TODA end GRAD calculations.				
	2. Non-standard U-Bar white markings define the RWY THR at each end.				
	Slope 0.2% down to W. RWY WID 30 RWS WID 90 Graded 90				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY21- 946(3104)(1.6) 967(3173)(1.9) 983(3225)(2.2)
RWY09- 1115(3658)(1.6) 1153(3783)(1.9)

WILKINS RUNWAY

RWY	(CN)	TORA	TODA	ASDA	LDA
09T	(3)	3000 (9842)	3100 (10170) (1.58%)	3000 (9842)	3000 (9842)
	RESA dimensions 100M X 150M commences from RWS end.				
	RWY 09T to be used for all take off and landings.				
	Slope 1.68% up to E. RWY WID 30 RWS WID 150 Graded 150				

WILLIAMTOWN

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(MIL)	3058 (10033)	3118 (10230) (2.2%)	3058 (10033)	3058 (10033)

1. M34B arrestor barrier anchor points at end of CWY, 5FT AGL and 28M outside extended RWY CL, are not considered in the calculation of TODA GRAD and STODA.
2. RWY 12 THR location determined by 2.33% APCH GRAD.
3. Critical OBST on take-off, power pole 39FT AGL (43FT AMSL), located 176M (577FT) R of RCL and 312M (1023FT) beyond THR 30.
4. Critical OBST on landing, tree 64FT AGL (146FT AMSL), located 56M (184FT) L of RCL and 1535M (5,036FT) before THR 12.

RWY	(CN)	TORA	TODA	ASDA	LDA
30	(MIL)	3058 (10033)	3118 (10230) (2.33%)	3058 (10033)	3058 (10033)

1. M34B arrestor barrier anchor points at end of CWY, 5FT AGL and 28M outside extended RWY CL, are not considered in the calculation of TODA GRAD and STODA.
2. RWY 30 THR location determined by 2.2% APCH GRAD.
3. Critical OBST on take-off, tree 64FT AGL (146FT AMSL), located 56M (184FT) R of RCL and 1535M (5,036FT) beyond THR 12.
4. Critical OBST on landing, power pole 39FT AGL (43FT AMSL), located 176M (577FT) L of RCL and 312M (1023FT) before THR 30.

Slope 0.13% down to SE. RWY WID 45 RWS WID 280 Graded 150

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 3001(9846)(1.6) 3069(10069)(1.9)
RWY30- 2426(7959)(1.6) 2778(9114)(1.9) 3033(9951)(2.2)

TAXIWAY INTERSECTION DECLARED DISTANCES

RWY12-	TKOF from TWY A3;	RWY remaining 2176(7139)	reduce all DIST by 882(2894)
RWY12-	TKOF from TWY A4;	RWY remaining 2778(9114)	reduce all DIST by 280(919)
RWY12-	TKOF from TWY B;	RWY remaining 1100(3609)	reduce all DIST by 1958(6424)
RWY12-	TKOF from TWY H;	RWY remaining 1078(3537)	reduce all DIST by 1980(6496)
RWY30-	TKOF from TWY A2;	RWY remaining 2717(8914)	reduce all DIST by 341(1119)
RWY30-	TKOF from TWY B;	RWY remaining 1981(6499)	reduce all DIST by 1077(3533)
RWY30-	TKOF from TWY H;	RWY remaining 1997(6552)	reduce all DIST by 1061(3481)

WILUNA

RWY	(CN)	TORA	TODA	ASDA	LDA
15	(3)	1811 (5942)	1871 (6138) (1.24%)	1811 (5942)	1811 (5942)

RESA dimensions 90M X 60M commences from RWS end.

RWY	(CN)	TORA	TODA	ASDA	LDA
33	(3)	1811 (5942)	1871 (6138) (2.96%)	1811 (5942)	1811 (5942)

RESA dimensions 90M X 60M commences from RWS end.

Slope 0.44% down to SE. RWY WID 30 RWS WID 150 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY33- 1635(5364)(1.6) 1728(5669)(1.9) 1790(5873)(2.2) 1834(6017)(2.5)

WINDARLING

RWY	(CN)	TORA	TODA	ASDA	LDA
10	(3)	1850 (6069)	1910 (6266) (2.96%)	1850 (6069)	1850 (6069)

RESA dimensions 60M X 60M commences from RWS end.

RWY	(CN)	TORA	TODA	ASDA	LDA
28	(3)	1850 (6069)	1910 (6266) (5.09%)	1850 (6069)	1850 (6069)

RESA dimensions 60M X 60M commences from RWS end.

RWY 10/28 APCH and TKOF inner edge length 90M.

Slope 0.8% down to W. RWY WID 30 RWS WID 90 Graded 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY10- 1530(5020)(1.6) 1708(5604)(1.9) 1810(5938)(2.2) 1876(6155)(2.5)
RWY28- 1802(5912)(1.6) 1822(5978)(1.9) 1838(6030)(2.2) 1851(6073)(2.5) 1877(6158)(3.3) 1908(6260)(5.0)

WINDORAH

RWY	(CN)	TORA	TODA	ASDA	LDA
04	(3)	1374 (4508)	1434 (4705) (2.85%)	1374 (4508)	1374 (4508)
	RESA dimensions 60M X 60M commences from RWY end.				
22	(3)	1374 (4508)	1434 (4705) (3.05%)	1374 (4508)	1374 (4508)
	RESA dimensions 60M X 60M commences from RWY end.				
	Slope FM centre 0.65% down to SW and 0.50% down to NE. RWY WID 30 RWS WID 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY04-	1357(4452)(1.6)	1385(4544)(1.9)	1405(4610)(2.2)	1420(4659)(2.5)
RWY22-	1023(3356)(1.6)	1166(3825)(1.9)	1272(4173)(2.2)	1352(4436)(2.5)

WINTON

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(1)	890 (2920)	950 (3117) (1.6%)	890 (2920)	890 (2920)
23	(1)	890 (2920)	950 (3117) (1.6%)	890 (2920)	890 (2920)
	Slope 0.1% down to SW. RWY WID 18 RWS WID 60				
14	(3)	1402 (4600)	1462 (4797) (1.2%)	1402 (4600)	1402 (4600)
	RESA dimensions 60M X 30M commences from RWY end.				
32	(3)	1402 (4600)	1462 (4797) (1.2%)	1402 (4600)	1402 (4600)
	RESA dimensions 60M X 30M commences from RWY end.				
	Slope 0.5% down to SE. RWY WID 30 RWS WID 150 Graded 90				

WOODIE WOODIE

RWY	(CN)	TORA	TODA	ASDA	LDA
14	(3)	2000 (6562)	2060 (6758) (1.2%)	2000 (6562)	2000 (6562)
	RESA dimensions 90M X 60M commences from RWY end.				
32	(3)	2000 (6562)	2060 (6758) (1.2%)	2000 (6562)	2000 (6562)
	RESA dimensions 90M X 60M commences from RWY end.				
	APCH RWY survey areas - RWY 14/32 APCH inner edge 150M.				
	Slope 430M NW end 1.47% down to SE: centre 1230M 1.07% down to NW: 340M SE end 0.68% down to NW. RWY WID 30 RWS WID 150 Graded 90				

WOOMERA

RWY	(CN)	TORA	TODA	ASDA	LDA
18	(3)	2372 (7782)	2672 (8766) (1.35%)	2372 (7782)	2372 (7782)
36	(3)	2372 (7782)	2672 (8766) (1.01%)	2372 (7782)	2372 (7782)
	TKOF/Climb SFC inner edge WID 180M. Open Swale Drains 45M from CL.				
	Slope 0.14% down to N. RWY WID 45 RWS WID 150 Graded 90				

WUDINNA

RWY	(CN)	TORA	TODA	ASDA	LDA
07	(2)	939 (3081)	999 (3278) (3.1%)	939 (3081)	939 (3081)
25	(2)	939 (3081)	999 (3278) (3.11%)	939 (3081)	939 (3081)

Slope W end 1.3% down to E, 300M E end level. RWY WID 18 RWS WID 90

14	(3)	1510 (4954)	1570 (5151) (3.94%)	1510 (4954)	1510 (4954)

RESA dimensions 60M X 60M commences from RWY end.

32	(3)	1510 (4954)	1570 (5151) (3.88%)	1510 (4954)	1510 (4954)

RESA dimensions 60M X 60M commences from RWY end.

RWY 14/32 OBST - Fence 8.2FT ABV and 55M NW of RWS end not taken into account in the calculation of TODA GRAD and STODA. 3.3% OBST clear APCH SFC LDG RWY 14 terminates at THR not RWS end.

Slope 0.7% down to SE. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY07- 845(2772)(1.9) 909(2982)(2.2) 945(3100)(2.5)
RWY14- 1315(4314)(1.6) 1417(4649)(1.9) 1458(4783)(2.2) 1484(4869)(2.5) 1540(5052)(3.3)
RWY32- 987(3238)(1.9) 1207(3960)(2.2) 1354(4442)(2.5) 1561(5121)(3.3)

WYCHEPROOF

RWY	(CN)	TORA	TODA	ASDA	LDA
08	(1)	718 (2356)	778 (2552) (1.79%)	718 (2356)	718 (2356)
26	(1)	718 (2356)	778 (2552) (3.44%)	718 (2356)	718 (2356)

Slope Level. RWY WID 30 RWS WID 90

17	(2)	1032 (3386)	1092 (3583) (1.71%)	1032 (3386)	1032 (3386)

Fence 2.6FT ABV and 30M S of RWS end, is not taken into account in the calculation of TODA GRAD and STODA.

35	(2)	1032 (3386)	1092 (3583) (3.3%)	1032 (3386)	1032 (3386)

Slope 0.1% down to N. RWY WID 30 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY17- 1024(3360)(1.6)
RWY35- 860(2821)(1.9) 937(3074)(2.2) 993(3258)(2.5)

WYNDHAM

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(2)	1607 (5272)	1667 (5469) (3.37%)	1607 (5272)	1607 (5272)

RESA dimensions 60M X 60M commences from RWY end.

30	(2)	1607 (5272)	1667 (5469) (3.45%)	1607 (5272)	1607 (5272)

RESA dimensions 60M X 60M commences from RWY end.

RWY 12/30 APCH inner edge length 90M.

Slope Level. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY12- 858(2815)(1.6) 1101(3612)(1.9) 1278(4193)(2.2) 1412(4632)(2.5) 1651(5417)(3.3)
RWY30- 1459(4787)(1.6) 1531(5023)(1.9) 1572(5157)(2.2) 1603(5259)(2.5) 1659(5443)(3.3)

WYNYARD

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(1)	827 (2713)	857 (2812) (3.8%)	827 (2713)	777 (2549)
	1. Fence 7.2FT ABV and 7M NE of RWS end is not taken into account in the calculation of TODA GRAD.				
	2. RWY 05 DTHR 50M.				
23	(1)	827 (2713)	857 (2812) (5.44%)	827 (2713)	767 (2516)
	1. RWY 05/23 approach and side transitions infringed.				
	2. RWY 23 DTHR 60M.				
	Slope 1% down to NE. RWY WID 18 RWS WID 60				
09	(3)	1650 (5413)	1710 (5610) (2.28%)	1650 (5413)	1650 (5413)
	RESA dimensions 120M X 60M commences from RWY end.				
27	(3)	1650 (5413)	1710 (5610) (2.96%)	1650 (5413)	1650 (5413)
	RESA dimensions 120M X 60M commences from RWY end.				
	Slope 0.6% down to E. RWY WID 30 RWS WID 150				

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05- 809(2654)(3.3)
RWY09- 1400(4593)(1.6) 1589(5213)(1.9) 1692(5551)(2.2)
RWY27- 1097(3599)(2.2) 1427(4682)(2.5)

YARRAM

RWY	(CN)	TORA	TODA	ASDA	LDA
05	(1)	1090 (3576)	1150 (3773) (4.26%)	1090 (3576)	1090 (3576)
23	(1)	1090 (3576)	1150 (3773) (1.26%)	1090 (3576)	1090 (3576)

Slope 0.4% down to SW. RWY WID 18 RWS WID 60

09	(1)	756 (2480)	816 (2677) (1.98%)	756 (2480)	756 (2480)
27	(1)	756 (2480)	816 (2677) (1.26%)	756 (2480)	756 (2480)

Slope 0.2% down to W. RWY WID 23 RWS WID 80

SUPPLEMENTARY TAKEOFF DISTANCES

RWY05- 880(2887)(2.5) 1036(3399)(3.3)

YARRAWONGA

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(2)	1143 (3750)	1203 (3947) (2.46%)	1143 (3750)	1143 (3750)

Transient OBST 13.3FT ABV and 37M N of RWS end, and transient OBST, mobile sprinkler, 24.6FT high operates along the takeoff area, are not taken into account in calculating TODA GRAD and STODA, or in locating 19 THR.

19	(2)	1203 (3947)	1263 (4144) (3.24%)	1203 (3947)	1125 (3691)

RWY 19 DTHR 18M.

Slope Level. RWY WID 18 RWS WID 90

05	(1)	446 (1463)	476 (1562) (4.36%)	446 (1463)	446 (1463)
23	(1)	446 (1463)	476 (1562) (6.33%)	446 (1463)	446 (1463)

Slope 0.1% down to SW. RWY WID 18 RWS WID 60

SUPPLEMENTARY TAKEOFF DISTANCES

RWY01- 999(3278)(1.6) 1103(3619)(1.9) 1172(3845)(2.2)
RWY19- 828(2717)(2.2) 988(3241)(2.5)

YORKE ISLAND

RWY	(CN)	TORA	TODA	ASDA	LDA
12	(1)	1000 (3281)	1000 (3281) (1.6%)	1000 (3281)	940 (3084)

1. RWY 12 DTHR 60M.
2. RWY 12 SOT commences at RWS end - ASDA ends at RWS.
3. Fence 1003M FM RWY 12 SOT, 5FT AGL.

30	(1)	1000 (3281)	1000 (3281) (1.6%)	1000 (3281)	940 (3084)

1. RWY 30 DTHR 60M.
2. RWY 30 SOT commences at RWS end - ASDA ends at RWS.
3. Fence 1003M FM RWY 30 SOT, 5FT AGL.
4. RWY 12/30 transitional SFC infringed by trees on both sides of RWY.

Slope Level. RWY WID 18 RWS WID 60

YOUNG

RWY	(CN)	TORA	TODA	ASDA	LDA
01	(2)	1220 (4003)	1280 (4199) (2.51%)	1220 (4003)	1220 (4003)
19	(2)	1220 (4003)	1280 (4199) (2.58%)	1220 (4003)	1220 (4003)

1. OBST fence 4FT ABV and 16M S of RWS end has not been taken into account in calculating TODA GRAD and STODA.
2. Transient OBST, vehicles, MAX height 5M, not accounted for in locating THR RWY 19.

Slope 0.4% down to N. RWY WID 18 RWS WID 90

SUPPLEMENTARY TAKEOFF DISTANCES

RWY01- 918(3012)(1.6) 1138(3734)(1.9) 1208(3963)(2.2) 1279(4196)(2.5)
RWY19- 1038(3405)(2.2) 1243(4078)(2.5)

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Torres Strait Quarantine Requirements GEN - SP-2
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SPFIB/AVFAX PRODUCTS
Update GEN - FIS-2
SSR EMERGENCY CODES EMERG-1
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SYMBIO WILDLIFE PARK, HELENSBURGH, SYDNEY
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TASMANIAN QUARANTINE REQUIREMENTS GEN - SP-7
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UNCERTIFIED AERODROME
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WAITPINGA CLIFFS, SOUTH AUSTRALIA
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