

ADELAIDE/PARAFIELD**ELEV 57****AVFAX CODE 5002**

SA

UTC +9:30

YPPF

344736S

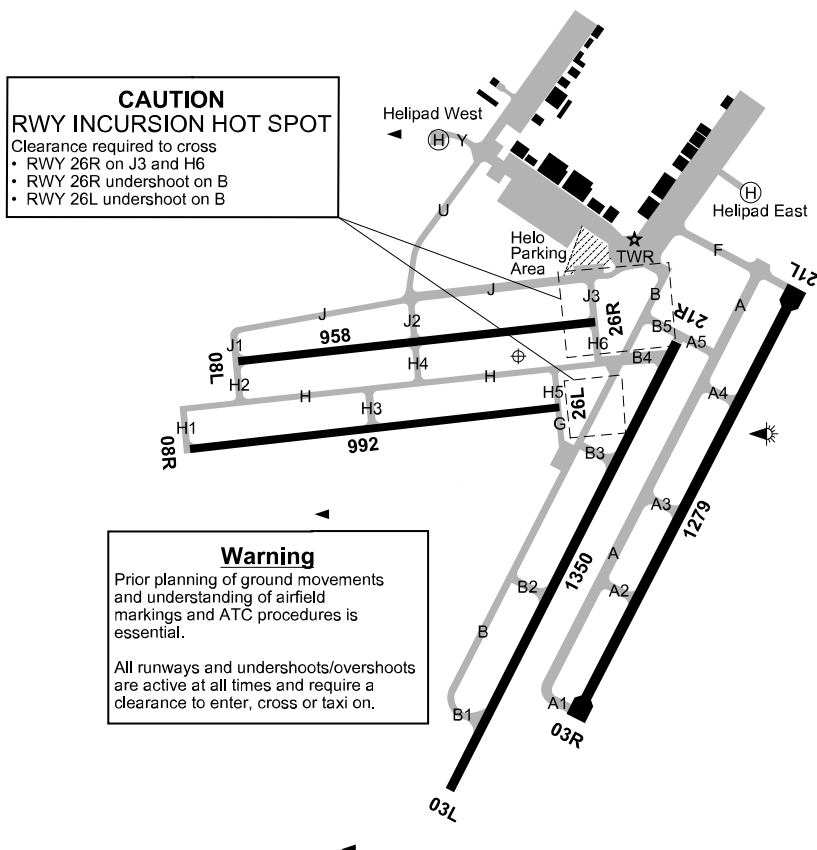
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VAR 8 DEG E

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 2200-0830 UTC DLY. AH 30 MIN PN. O117, O125, O128, O155, O156, Stark Aviation Pty Ltd. Phone 0412 602 447.

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	PCN 6/F/C/1.00 MPa/T	WID 18	RWS 90
03R/21L	020	42c	Unrated. Sealed	WID 18	RWS 90
08L/26R	077	31a	Unrated. Sealed	WID 18	RWS 90
08R/26L	077	33a	Unrated. 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 LYNDONCH (YLYK) ERSFA FAC entry for Barossa Valley operations.
8. **LOW VISIBILITY OPERATIONS**
- 8.1 Low visibility operations NOT AVBL. RWY light spacing greater than 60M.
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:

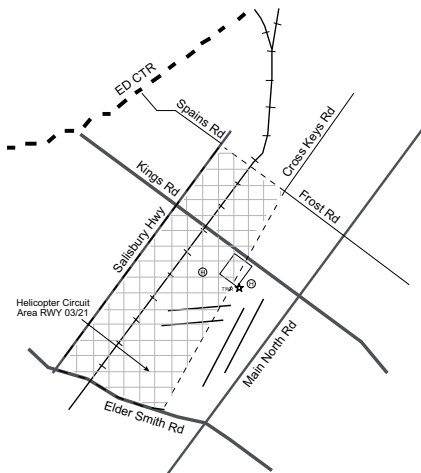
- a. ALT: 1,500 FT.
- b. Helicopters arriving from the NW may TR via SKI S of Bolivar strobe at 500FT.
Requirement to reduce speed to not more than 90KT.

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).
- 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 ERSR 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.
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