

**AIP SUPPLEMENT
(SUP)****H44/24****Effective: 202404150000 UTC**AERONAUTICAL INFORMATION SERVICE,
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Email: glen.dodds@adgnt.com.au**DARWIN (YPDN) RWY 11/29
RECONSTRUCTION PROJECT:
OPERATIONAL RESTRICTIONS DURING
WORKS - 9A, 9B AND 10****1. INTRODUCTION**

- 1.1 This SUP cancels and replaces SUP H43/24 with revisions to paragraphs 3.7, 4.9, 4.10, 5.7, 7.2, 7.3, 7.4, Appendix 2 and an addition of paragraph 4.11.
- 1.2 This SUP provides operational information for users of Darwin Airport (YPDN) during Stages 9A, 9B and 10 of the RWY 11/29 Reconstruction Project.
- 1.3 These stages include the closure of TWY D and temporary displaced THR for RWY 11 to allow for culvert construction, pavement reinstatement, airfield lighting and power supply. Commencement of each stage will be notified by NOTAM.
- 1.4 It is essential that pilots ensure they understand displaced threshold markings and the associated requirements of displaced threshold operations. Pilots are reminded to check YPDN NOTAM during works to ensure they are using the correct RWY distances.

2. REFERENCES

- 2.1 *Method of Working Plan - MOWP 23/02 Version 2.1*
<https://www.darwinairport.com.au/business/planning-development/method-working-plans>
- 2.2 Temporary procedures for RWY 11 are published by an additional SUP, available online: www.airservicesaustralia.com/aip/aip.asp.

3. STAGE 9A

- 3.1 This stage will be in operation 0200 to 1130 Local (1630 to 0200 UTC), concurrent with Stage 10, commencing 06 to 21 April 2024.
- 3.2 Works include removal and reconstruction of RWY 11/29 pavement, installation of aeronautical ground lighting and drainage works.
- 3.3 *CASA Approval 07/24* - Equipment to 4.5M high permitted in flyover area 75M to 84M from RWY CL.
- 3.4 *CASA Approval 07/24* - Equipment to 8M high permitted in flyover area 84M to 150M from RWY CL.
- 3.5 RWY 11 threshold displaced 1,934M.
- 3.6 RWY 11/29 1,651M Western end closed.
- 3.7 RWY Details:

	TORA	TODA	ASDA	LDA
RWY 11	1690 (5545)	1780 (5840) (2.15)	1690 (5545)	1420 (4659)
RWY 29	1643 (5391)	1703 (5587) (4.0)	1643 (5391)	1643 (5391)

Supplementary Takeoff Distances					
RWY 11	1409 (4623) (1.6)		1625 (5331) (1.9)		
RWY 29	1479 (4852) (1.6)	1559 (5115) (1.9)	1604 (5262) (2.2)	1633 (5358) (2.5)	1679 (5509) (3.3)

3.8 RWY 18/36 closed

- 3.9 Taxiway details: TWY A1, C1, C3, C4, V2 and T closed.

4. STAGE 10

- 4.1 This stage will be in operation H24 or 1130 to 0200 Local (0200 to 1630 UTC), when concurrent with Stage 9A or 9B, commencing 05 to 28 April 2024.
- 4.2 Works include removal and reconstruction of RWY 11/29 pavement, installation of aeronautical ground lighting and drainage works.
- 4.3 *CASA Approval 07/24* - Equipment to 4.5M high permitted in flyover area 75M to 84M from RWY CL.

- 4.4 *CASA Approval 07/24* - Equipment to 8M high permitted in flyover area 84M to 150M from RWY CL.
- 4.5 RWY Details: RWY 11 Displaced Threshold 1,254M.
- 4.6 1,194M Western end RWY 11/29 closed.

	TORA	TODA	ASDA	LDA
RWY 11	2160 (7087)	2250 (7382) (2.15)	2160 (7949)	2100 (6890)
RWY 29	2100 (6890)	2160 (7087) (2.0)	2100 (6890)	2100 (6890)

Supplementary Takeoff Distances		
RWY 11	1879 (6165) (1.6)	2095 (6874) (1.9)
RWY 29	2074 (6804) (1.6)	2156 (7074) (1.9)

- 4.7 RWY 18/36 closed**
- 4.8 Temporary procedures for RWY 11/29 are published by an additional SUP, available online.
- 4.9 Taxiway Details: TWY A1 North of TWY W, C1, C3, C4, D, V2 and T closed.
- 4.10 TWY B1 and B2 available for RWY crossing only. TWY B1 and B2 not available for exit when landing RWY 29 (beyond RWY end cones and lights) - back track RWY to vacate via E2 or E1 to apron.
- 4.11 Aircraft type restrictions: RWY 29 intersection departure from TWY D available to light single engine aircraft only. RWY 29 intersection departure from TWY E2 not available.

5. STAGE 9B

- 5.1 This stage will be in operation 0200 to 1130 Local (1630 to 0200 UTC), concurrent with Stage 10, commencing from 05 to 21 April 2024.
- 5.2 Works include removal and reconstruction of RWY 11/29 pavement, installation of aeronautical ground lighting and drainage works.
- 5.3 *CASA Approval 07/24* - Equipment to 4.5M high permitted in flyover area 6.5M to 84M from RWY CL.
- 5.4 *CASA Approval 07/24* - Equipment to 8M high permitted in flyover area 84M to 150M from RWY CL.
- 5.5 RWY 11 threshold displaced 1,934M.
- 5.6 RWY 11/29 1,651M Western end closed.

5.7 RWY Details:

	TORA	TODA	ASDA	LDA
RWY 11	1690 (5545)	1780 (5840) (2.15)	1690 (7949)	1420 (4659)
RWY 29	1643 (5391)	1703 (5587) (4.0)	1643 (5391)	1643 (5391)

Supplementary Takeoff Distances					
RWY 11	1409 (4623) (1.6)		1625 (5331) (1.9)		
RWY 29	1479 (4852) (1.6)	1559 (5115) (1.9)	1604 (5262) (2.2)	1633 (5358) (2.5)	1679 (5509) (3.3)

5.8 RWY 18/36 closed

5.9 Taxiway details: TWY A1, C1, C3, C4, D, V2 and T closed.

6. AFIS PROCEDURES

6.1 Services Provided

6.1.1 An Aerodrome Flight Information Service (AFIS) is provided at Darwin International Airport between 2200-0600 Local (1230-2030 UTC). As part of the AFIS, traffic information and SAR/alerting services are provided to all aircraft operating within Darwin CTA below 8,500FT and on the aerodrome.

6.1.2 Mandatory Broadcast Procedures apply inside the TRA as per *AIP ENR 1.1 section 12*. Callsign DARWIN INFORMATION is available on frequency 133.1 MHz to provide any traffic or clarifying information during the AFIS period and is staffed by an endorsed Darwin aerodrome controller.

6.1.3 YBBB and YPDN NOTAM refer to the AFIS and detail the dimensions of the Temporary Restricted Area (TRA) within which the AFIS is provided, the level of service provided, obligations on aircraft operating within the TRA and other pertinent procedures.

6.2 Preferred Runway

6.2.1 The preferred runway will be advertised on Darwin Aerodrome Terminal Information Service (ATIS). Use of this runway is encouraged to reduce reciprocal direction conflicts between departures and arrivals.

6.3 ATIS

6.3.1 Darwin ATIS is available on frequency 128.25 MHz and contains normal weather and operational information relevant to the aerodrome. Pilot in Command of Aircraft Communication Addressing and Reporting System (ACARS) capable aircraft should note that due to technical restrictions, accurate ATIS may not be available via ACARS, and they should monitor 128.25 MHz for accurate terminal information.

6.4 SARWATCH Cancellation

6.4.1 IAW *AIP ENR 1.1 section 10.2*, SARWATCH is automatically cancelled without the need to report to ATS when landing at Darwin International Airport during AFIS hours.

6.5 Further Information

6.5.1 For further information on Darwin AFIS procedures, contact Darwin Air Traffic Control Operations Commander, 452sqndar.opscdr@defence.gov.au or PH: 0408 809 864.

7. PREFERRED TAXI ROUTING

7.1 Given the significant impact the RWY works will have on taxiway access, the following preferred taxi routes are designed to reduce conflicts as much as possible. Adherence to these preferred routes is encouraged during AFIS periods and will be applied by Darwin ATC at other times unless deviations are required for operational reasons.

7.2 Stage 10

Departures RWY 11	From ATA taxi to E2, backtrack RWY 11 if required.
	From GA taxi via V1 and Z, to RWY 11 via B2, B1, E1 or E2 as per ATC* instructions.
Arrivals RWY 11	To the ATA, vacate A6, taxi to ATA via E1, E2 or B1, B2 as per ATC* instructions.
	To the GA, vacate A6, taxi to GA via B1, B2 or E1, E2 as per ATC* instructions.
Departures RWY 29	From ATA, taxi B2 or E2 cross RWY 29 taxi to A6 as per ATC* instructions.
	From GA, taxi B2 or E2 cross RWY 29 taxi to A6 ATC* instructions.
Arrivals RWY 29	To the ATA, TWY B1 and B2 not available for exit RWY 29, vacate E2 or E1 taxi to ATA as per ATC* instructions.
	To the GA, TWY B1 and B2 not available for exit RWY 29, vacate E2 or E1 taxi to GA as per ATC* instructions.

*Refer 6. AFIS Procedures for departures and arrivals during AFIS between 2200-0600 Local (1230-2030 UTC).

7.3 Stage 9A

Departures RWY 11	From ATA, taxi to E2
	From GA, taxi via V1 and Z, to TWY E2
Arrivals RWY 11	To the ATA, vacate TWY A6, taxi to ATA via E1, E2 as per ATC* instructions.
	To the GA, vacate TWY A6, taxi to GA via E1, E2 as per ATC* instructions
Departures RWY 29	From ATA, taxi E2 cross RWY 29 taxi to A6 as per ATC* instructions.
	From GA, taxi E2 cross RWY 29 taxi to A6 as per ATC* instructions
Arrivals RWY 29	To the ATA, vacate E2, taxi to ATA as per ATC* instructions
	To the GA, vacate E2, taxi to GA as per ATC* instructions

*Refer 6. AFIS Procedures for departures and arrivals during AFIS between 2200-0600 Local (1230-2030 UTC).

7.4 Stage 9B

Departures RWY 11	From ATA, taxi to E2 or via TWY B2, B1 to E1 as per ATC* instructions
	From ATA, taxi to E2 or via TWY B2, B1 to E1 as per ATC* instructions
Arrivals RWY 11	To the ATA, vacate TWY A6, taxi to ATA via B1, B2 or E1, E2 as per ATC* instructions
	To the GA, vacate TWY A6, taxi to GA via B1, B2 or E1, E2 as per ATC* instructions
Departures RWY 29	From ATA, taxi B2 or E2 cross RWY 29 taxi to A6 as per ATC* instructions.
	From GA, taxi B2 or E2 cross RWY 29 taxi to A6 as per ATC* instructions
Arrivals RWY 29	To the ATA, backtrack and vacate E2, taxi to ATA as per ATC* instructions
	To the GA, backtrack and vacate E2, taxi to GA as per ATC* instructions

*Refer 6. AFIS Procedures for departures and arrivals during AFIS between 2200-0600 Local (1230-2030 UTC).

8. CONTACT

8.1 For further information contact:

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9. CANCELLATION

9.1 This SUP cancels when Stages 9A, 9B and 10 are complete, expected April 2024.

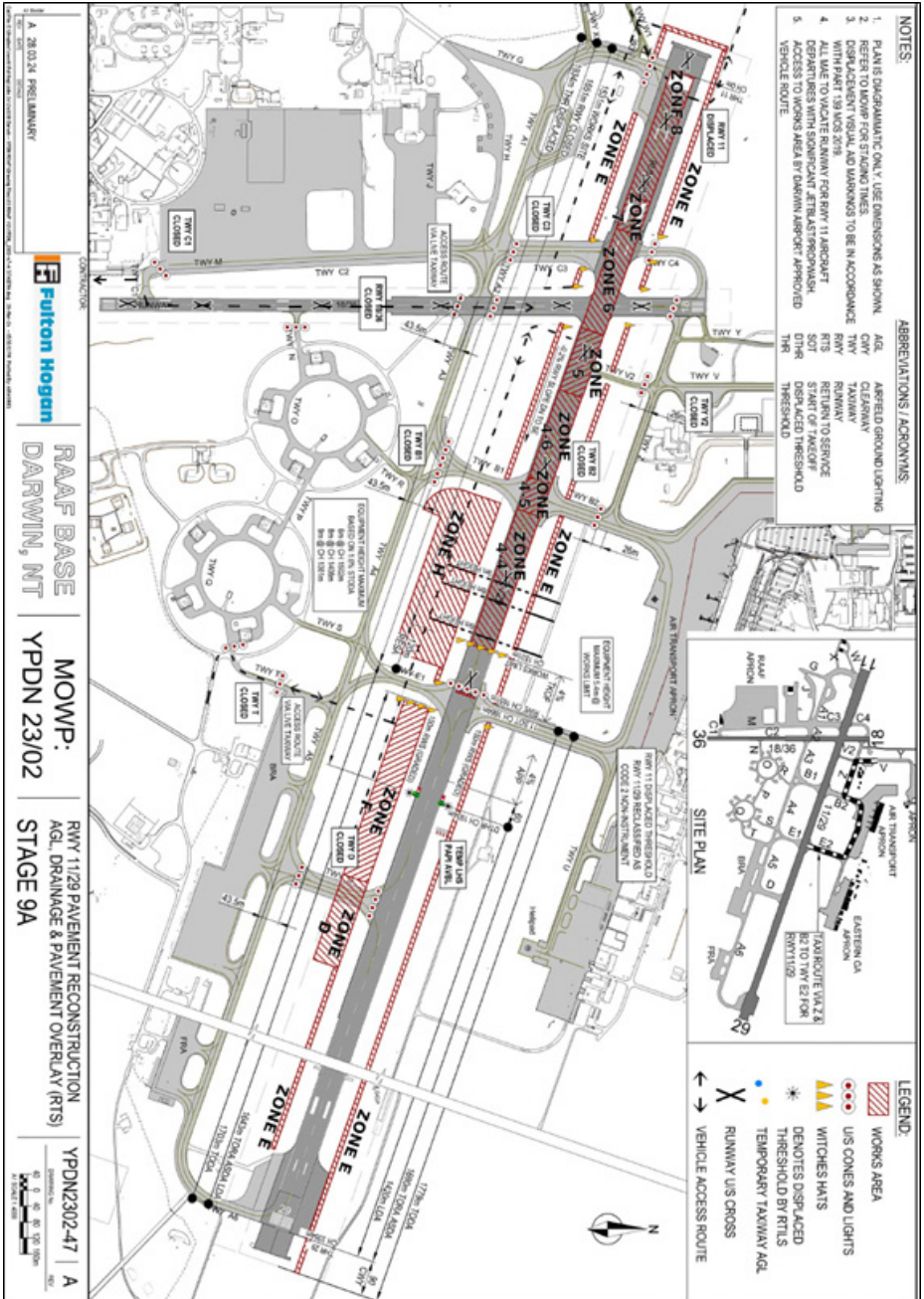
10. DISTRIBUTION

10.1 Airservices Australia website only.

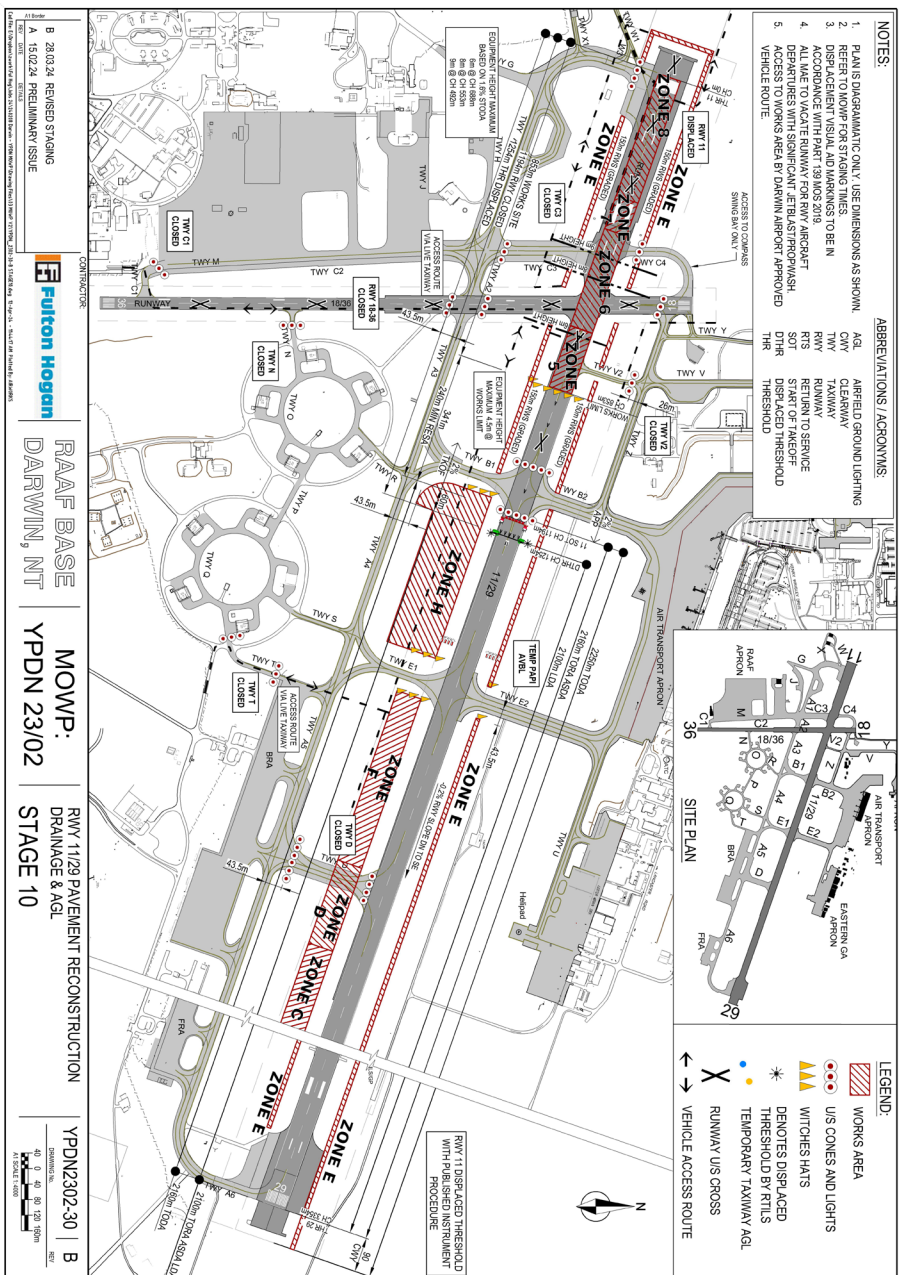
Appendices

1. Stage 9A Works
2. Stage 10 Works
3. Stage 9B Works

1. Stage 9A Works



2. Stage 10 Works



3. Stage 9B Works

