DARWIN INTERNATIONAL AIRPORT



DEPARTMENT OF DEFENCE

METHOD OF WORKING PLAN YPDN 23/03

AERODROME: RAAF Base Darwin / Darwin International Airport

PROJECT DESCRIPTION: P0005 - National Aircraft Pavement

Maintenance Program UAM (Urgent Airfield

Maintenance) 2020-2026

DATES:

Approval of MOWP 12 October 2023

Commencement of works 25 October 2023

Completion of works 10 November 2023

Expiry of MOWP 30 November 2023

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A: AMENDMENTS AND VERSION CONTROL

Version Control			
Date	Version	Description	Reviewer
27/09/23	Draft	Draft update for Year 4 works	M. Lehmann
04/10/23	V1.0	Update to 1.4 Timings & Version	M. Lehmann

1 WORKS INFORMATION

1.1 Description of the Works

This MOWP has been prepared in accordance with the requirements of CASA Part 139 MOS – Aerodromes, Chapter 16 – Method of Working Plans (CASA, 2019).

The scope of works covered in this MOWP includes airfield pavement maintenance works at RAAF Base Darwin / Darwin International Airport as part of the P1005 - National Aircraft Pavement Maintenance Program UAM (Urgent Airfield Maintenance) 2020-2026, Year 4 works.

WORK DESCRIPTIONS	UOM	QUANTITY
Rubberised Bitumen Bandage (RBB) Works - Rubberised bituminous material is used to seal cracks in pavements to reduce water ingress and risk of FOD from spalling.	m	35,050
Concrete Repairs:		
Rout and Seal Cracks & Small Spall repairs - Uses flexible joint	m	140
sealant material to seal any cracks or spalls after grinding smooth.	No.	146
Concrete Joint Sealing – Existing joints are cut, slightly wider, chamfered, followed by new backing rod inserted, the joints then filled with flexible sealant material.	m	87
Concrete SRE(S) – Mark the location and size, break out concrete areas to 50mm deep, then fill with semi rigid epoxy material (SRE) to repair cracked or broken concrete slabs. Generally around the edges of concrete slabs.	m ²	9.775
Asphalt Repairs - Replacing damaged areas of pavement with new asphalt to increase strength and/or return a damaged area to an operational state.	m³	24.05
Aeronautical Ground Lighting (AGL) Cable repairs – Repair any AGL cables or lights fittings affected within the asphalt patches.	m	15
Paint Marking Works – Existing pavement markings are renewed with Airfield specific paint.	m ²	2,632
Miscellaneous Works:		
Edge Drop Repairs - Asphalt millings, recovered from the asphalt patching, is placed in low areas at the edges of pavements, then sprayed with emulsion, to stop further degradation of pavement edges.	m ²	59

1.2 P0009 Construction Works Liaison

P0009 - National Airfields Works at RAAF Base Darwin - Package 1 - RWY 11-29 Reconstruction works will be in progress at the time of the proposed P1005 Maintenance works.

Fulton Hogan as the contractor for both works will ensure that all WSO's liaise at the beginning and during each shift to de-conflict works.

AFIS hours: The lead WSOs from P1005 and P0009 will continually liaise and coordinate as required.

Overall, each WSO will be responsible to be alert and vigilant for any aircraft intending to Takeoff or land at the airfield outside of ATC hours (During AFIS hours).

1.3 Execution of Works

The dates and times below indicate timeframes taxiways/aprons are directly impacted due to on pavement maintenance works. Time limited works will be carried out with approval for areas that can remain serviceable within the scheduled aircraft movement areas.

STAGE	TIMES AND DATES FOR COMMENCEMENT AND COMPLETION Approx.	DURATION Approx.	NOTAM	
	RBB			
1	25 th October thru 8 th November 2023		Time Limited Works 5 min Recall	
	Day works: 0700 to 1800 Night Works: 2000 to 0600	13 Shifts	J IIIII Necali	
	Concrete Works		10.	
2	25 th October to 2 nd November 2023	8 Shifts	Works areas coned off in agreement with SQN's and	
	Day works: 0700 to 1800 Night Works: 2000 to 0530		BAEO.	
	Asphalt; RBB; Paint Markings; AGL Cable repairs (If required)			
3	3rd & 4th November 2023	2 Days	Works areas coned off in agreement with SQN's and BAEO.	
	Day works: 0700 to 1800		With SQN's and DALO.	
	Miscellaneous Works - Edge Drop Repairs			
4	6 th & 7 th November 2023	2 Nights	NOTAM 1 Time Limited Works	
	Night Works:1900 - 0530		20min Recall	
	Paint Markings			
5	28 th October to 10 th November 2023	12 Shifts	Time Limited Works 10 min Recall	
	Day works: 0700 to 1800 Night Works: 2000 to 0530			

The actual date and time of commencement will be advised by a NOTAM, to be issued not less than 48 hours before work commences.

1.4 Times and Dates

Note that all Shift Times and Dates presented in MOWP YPDN 23/03 are in Local Darwin time (Australian Central Standard Time (CST) with the exception being NOTAM text which are Universal Time Coordinated (UTC).

All works on Runway 11/29 will be carried out during ATC hours of operation. No works on Joint user facilities during AFIS Hours.

Other works as noted in **Table 1.3 Execution of Works**, six days per week, with Sundays normally scheduled as a Rostered Day Off.

2. Restrictions to Aircraft Operations (RTAO)

STAGE	Affected Aerodrome Areas	RESTRICTIONS TO AIRCRAFT	
1	Runway 11/29; Runway 18/36; Taxiway A; Taxiway C; Taxiway G; Taxiway H and Helicopter Apron; Central Military Hard Stand; South Military Hard Stand; C17 Apron; Quick Reaction Alert Facility (QRAF).	Nil Restrictions Time Limited Works, 5-minute recall.	
2	Central Military Hard Stand; South Military Hard Stand; C17 Apron; Bomber Replenishment Apron (BRA); Fighter Replenishment Apron (FRA); Fighter/Strike OLA Complex including Taxiways; Quick Reaction Alert Facility (QRAF); 173 Squadron Maintenance Hangar Apron.	Isolated closures on aprons, works areas coned off with U/S cones in agreement with SQN's and BAEO.	
3	Runway 18/36; Taxiway A; Taxiway C; Taxiway H and Helicopter Apron; C17 Apron; Fighter/Strike OLA Complex including Taxiways.	Isolated closures on aprons, works areas coned off with U/S cones in agreement with SQN's and BAEO.	
4	Runway 18/36	Time Limited Works, 20-minute recall See section 2.1 RTAO - Stage 4 NOTAM	
5	Runway 18/36; Taxiway A; Taxiway C; Taxiway H and Helicopter Apron; C17 Apron; Fighter/Strike OLA Complex including Taxiways.	Nil Restrictions Time Limited Works, 10-minute recall.	

2.1 RTAO - Stage 4 NOTAM

E) NOTAM Text	RWY 18/36 MEN AND EQUIPMENT WILL VACATE WITH 20MIN PN
	CTC WORKS SAFETY OFFICER "WORKS 6" ON AFIS FREQ 133.1 OR TEL 0437 680 339
	REF MOWP 23/03 STAGE 4

3. DECLARED EMERGENCIES AND ADVERSE WEATHER

All work zones can only be conducted during normal visual meteorological conditions (VMC) and will be terminated during periods of reducing visibility in accordance with Darwin Airports low visibility procedures.

The work sequence is to be managed in order to enable vacation of works site within 30 minutes with no return to operational status.

ARFF vehicles responding to a declared emergency will have access to the works site under direction of WSO.

Under the direction of Air Traffic Control (ATC), DIA TAOO or Base Aviation Safety Officer (BASO), the Works Safety Officer (WSO) is responsible for instructing the works contractor to vacate the work site in the event of a declared emergency.

Note that provision of AFIS includes SARWATCH, In-Flight Emergency Response (IFER) and Alerting Services outside operational ATC hours. The AFIS controller will pass/receive emergency details as required including passing details of arriving emergency aircraft to the DIA Safety Officer and ARFF.

The WSO is to remain in contact with ATC (during operational hours) and or monitor the AFIS frequency 133.1, when ATC is not active.

Weather conditions including thunderstorms will be monitored by the WSO via BOM and / or thunderstorm alerting software.

The WSO, in consultation with the Works Contractor, will advise ATC whether reinstatement of the manoeuvring area is possible or not possible.

Works will not be carried out during periods where Low Visibility Operations are declared. All stages could be adversely affected by wet weather and may result in delays or temporary stoppages of the works.

All workers are to vacate the airfield when lightning is within 5 nautical miles of the aerodrome, WSO to direct the Works Contractor.

4. NOTAM

The DIA Head of Airside Operations or approved delegate is responsible for approving and issuing the NOTAM for each stage of the works. The contractor is to liaise with the DIA Head of Airside, BASO and BAEO, in regard to NOTAM requirements in the first instance.

The contractor will confirm with DIA that the NOTAM has been raised for the relevant stage of the works prior to the commencement.

The NOTAM per Work Stage is described in the above section, **2.1 RESTRICTIONS TO AIRCRAFT OPERATIONS (RTAO).**

The actual date and time of commencement will be advised by a NOTAM, to be issued not less than 48 hours before work commences.

Any proposed changes to the works detail is to be carried out in consultation with the relevant stakeholders. Modification to the works information must be detailed in an amendment to this MOWP and the planned NOTAM text. All modifications must be reviewed and approved by the relevant authorities prior to the commencement of the works.

Works are not to commence until the WSO has, on the day of the works, confirmed that the correct NOTAM is current for the planned works. The WSO is also to be in possession of hard copy of the published NOTAMs relevant to their area of works.

5. PERSONNEL AND EQUIPMENT

5.1 General

The works are to take place on and in the vicinity of aircraft movement areas and the specific requirements of this MOWP, together with site instructions from the Works Safety Officer (or the DIA Terminal and Airside Operations Officer) must be strictly followed at all times.

While at the work site, all vehicles, plant and personnel must remain within the limits of the designated works area. All vehicles and plant not actually engaged in the works are to be parked clear of the works and movement area in an area nominated by the Works Safety Officer.

The limits of the work areas are to be defined by row of orange road markers (non-reflective witches' hats) and lights in accordance with Part 139 MOS, across the runways or taxiways in accordance with the relevant NOTAM. The Works Organisation must not move beyond these lines.

Works on Defence and any Joint User Area taxiways shall be performed by isolated pavement closures as agreed on a daily and weekly basis with DIA (for Joint User Areas), RAAF Darwin BAEO, BASO and ATC as to minimise the impact on operations.

The WSO is to advise Darwin ATC prior to commencement of daily works to attain information on aircraft operations and advise Darwin ATC and DIA (for Joint User Areas) post-completion of daily works to request aerodrome serviceability and works area inspections prior to aircraft operations.

Works are to comply with the Fulton Hogan Work Health and Safety Plan for the project, including all requirements for Personal Protective Equipment (PPE).

Smoking is not permitted airside or within any restricted areas of the aerodrome.

5.2 Control of Works Personnel and Security

All personnel associated with the work are bound by any instructions issued by the WSO, who has the right to refuse access to persons likely, in his/her opinion, to compromise aircraft safety on the airfield.

Any breaches of aviation safety (not detected by the WSO) must be reported to the WSO. The WSO is to initiate an immediate response in consultation with ATC, DIA (for all incidents on Joint User Areas) and the BASO.

The BASO will prepare and submit an Aviation Safety Report (ASR) if required.

5.3 Vehicles and Plant

Vehicles and plant used for these works will include various vehicles, trucks, and trailers; asphalt profiler and paver; and suction sweeper. All vehicles plant and equipment used for airside access are to be fitted with flashing beacons and use dipped headlights during nightworks. Vehicles and equipment used in these works are not to exceed the equipment maximum heights above ground level detailed in each Stage Drawing.

No movement of vehicles or plant is to take place outside the works areas or access routes without the consent of the WSO. Only vehicles and plant engaged in the work activities shall be permitted at the work site. Private vehicles will not be permitted at the airside work site.

At the end of each work period, all vehicles, plant, equipment, and material are moved clear of the works area and parked in the designated parking area.

Vehicles and self-propelled items of plant are to have vehicle warning lights as detailed in CASR MOS Part 139 Section 14.05: Airside vehicle lighting requirements.

The Works Contractor Vehicle Management Plan is to be developed and approved by DIA and RAAF Darwin prior to any works commencing.

Vehicle	Qty	Height
Crew Truck	1	3.6m
Suction Sweeper Truck	1	3.2m
Milling Profiler	1	5.2m
Tipper Trucks	2	4.2m
Equipment Float & Milling machine	2	5.8m
Utility/s and trailers	3	2.2m
Line Marking Buggy	2	1.5m
Rollers	3	4.0m
Asphalt Paver	1	3.4m

5.4 Critical and Sensitive Areas - CNS Equipment

The Glide Path will be switched-off by Airservices during all works at the eastern end (Displaced Thresholds - RWY 29) for works associated with P0009, there are no restrictions for vehicles or equipment operating in the proximity of the critical and sensitive areas during the respective works stages.

There are no planned works for Displaced Thresholds within the P1005 works.

5.5 Access to the Works and Security

Access to all works area is to be agreed with DIA (for Joint User Areas), RAAF BAEO and the WSO. Movement of vehicles, plant and equipment must be confined to designated access routes.

DIA TAOO staff may require access to the work site to conduct wildlife hazard management. These activities could include the use of flashing lights, sirens and discharge of firearms and will be conducted in consultation with the WSO.

All personnel are to have on their person and visible at all times a valid security pass issued by the RAAF Base Darwin Pass Office or equivalent in accordance with DI (AF) ADMIN 14-7 – Visits to Air Force Establishments.

Personnel are only permitted to move about the designated work areas, and only using the designated access routes. Any person detected on the site outside these limits may be evicted from the site and denied return.

All works at RAAF Base Darwin are to be conducted in accordance with:

- 1. DAR SI(ADMIN) 14-01 Visits to RAAF Base Darwin
- 2. DAR SI(ADMIN) 09-10 Photography-imagery at RAAF Base Darwin
- 3. DAR SI(LOG) 14-01 Request to Conduct Works
- 4. DAR Aerodrome Manual Aerodrome works Safety/Management

Additional instructions maybe applicable for specific works; the Contractor is to consult with the RAAF BAEO prior to undertaking works for access to the abovementioned documents.

5.6 Visual Ground Aids

Markings, markers, and ground lighting are not to be installed, altered, or removed without the approval of the Works Safety Officer. Any markings or markers that are required to be moved or removed due to works in progress must be advised to the DIA Terminal and Airside Operations Officer and reinstated prior to the completion of the works shift.

Any accidental damage to the markers must immediately be reported to the Works Safety Officer and to the DIA Terminal and Airside Operations Officer.

5.7 Works Permits

To prevent damage to airport lighting systems and other airport facilities the Defence Personnel must obtain dig permits from the local Defence Support; contact Mr Jeff Grose, prior to undertaking any excavation on the site.

All works are to be undertaken in accordance with the P1005 Construction Environmental Management Plan (CEMP) and approved Environmental Clearance Certificate (ECC).

5.8 Protection of Electrical Services

The Contractor must confirm the location of all underground services within the vicinity of

the works to be undertaken. Any works on or near electrical cables must be referred to the DIA Technical Team Leader a minimum of 48 hours prior to commencement of works

to arrange all necessary isolations or temporary connections.

5.9 Crane Permit

A permit must be obtained prior to erection of any crane on airport and/or use of equipment that will exceed the equipment maximum heights above ground level detailed in each Stage Drawing.

Applications for approval must be sent to airportoperations@ntairports.com.au

5.10 Other Restrictions

All loose material and equipment must be secured against movement in strong winds or aircraft propeller wash or jet blast.

Any damage to aerodrome facilities or property must be reported immediately to the Works Safety Officer and the DIA Terminal and Airside Operations Officer.

Personnel and equipment may need to partially withdraw from a work area to avoid propeller wash or jet blast from a departing or passing aircraft. The Works Safety Officer will direct the Works Contractor to vacate to a safe working distance before aircraft movement.

5.11 Environmental

Environmental impacts have been assessed with controls documented within the Fulton Hogan P0005 Construction Environmental Management Plan (CEMP), approved Environmental Clearance Certificate (ECC) and the DIA / RAAF Base Darwin Wildlife Hazard Management Plan.

5.12 Foreign Object Debris (FOD) Control

The Works Contractor is to ensure that aircraft pavements used or crossed during the works are kept clean and free of debris. Any debris is to be immediately removed by the Works Contractor to the satisfaction of the WSO.

All loose material and equipment are to be secured against movement in strong winds or aircraft blast. Measures shall be taken at all times for control of dust or other nuisance materials and the Works Contractor shall immediately respond to any direction by the DIA Terminal and Airside Operations Officer, WSO, BAEO or BASO to eliminate any problem. The Works Contractor is responsible for implementing appropriate control measures.

On completion of each work period where airfield movement areas are required to be returned to active use, the Works Contractor is to ensure the works area is made serviceable, including the removal of all FOD hazards, to the satisfaction of the WSO.

6. AERODROME MARKERS, MARKINGS and LIGHTS

The works contractor shall mark, paint, and light the unserviceable areas of the airfield affected by the works in accordance with the requirements of CASA Part 139 MOS – Aerodromes and this will be reviewed by RAAF Base Darwin / Darwin International Airport.

The Works Contractor is responsible for deploying and removing all AGL, works limit markings (non-reflective orange witches' hats) and temporary runway end markers (red and white cones).

The works contractor is responsible for deploying and removing 36m high unserviceability markers (white crosses) for the temporary runway closures and displaced thresholds.

Aerodrome markers, markings, and lights (visual aids) associated with this MOWP are detailed in the following subsections. All markers are to be appropriately secured against jet blast and or high winds.

6.1 Unserviceability Markers

Closed portions of the movement area will be marked by red and white unserviceability markers (refer to CASA Part 139 MOS Section 8.108) during the day, and red lights at night.

Unserviceability markers for the runway (white crosses) are recommended by CASA Part 139 MOS at international and frequent aircraft movement aerodromes. These will accompany the temporary runway threshold displacements for RWY 11-29 and partial runway closures of RWY 11-29.

6.2 Works Limit Markers

The limit of works is marked with Works limit markers – non-reflective orange witches' hats (and orange lights at night). The installation of the Works Limits markers is the responsibility of the Works Contractor. All personnel (and equipment) must remain within the designated works area, this includes when working in the runway strip.

A clearance from ATC when active or broadcast on CTAF when ATC not active, to enter the runway is required to proceed past the limit of works markers and/or lights, this includes to access the portion of the runway between the limit of works and the red and white cones.

6.3 Lighting

All lighting within and directly leading into the closed portion of the movement area will be obscured or extinguished by the Works Contractor as instructed by the WSO. The contractor shall make sure not obscure or move any temporary runway or taxiway lighting associated with the works.

6.4 RWY 11-29 Temporary Displaced Thresholds

Temporary displaced thresholds are not required during the P1005, year 4 works.

6.5 RWY 11-29 Temporary PAPIs

Temporary PAPI's are not required for the P1005 within the year 4 works.

6.6 Works within the Runway Strip

Works within the Runway 11-29 Strip are only to occur in accordance with the detailed Stage's work extents, Stage's working times, and maximum vehicle heights.

Works within the Runway 18-36 Strip will remain clear of the transitional surfaces at all times, subject to WSO approval

7. ADMINISTRATION

7.1 Project Manager Contract Administrator (PMCA)

The PMCA for P1005 is Mr Raymond Kwan from the Aurecon/Beca Joint Venture.

The PMCA may be contacted on the following number:

Mobile: 0478 765 952

Email: raymond.kwan@aurecongroup.com

The PMCA's on-site Representative is included in the table in section **7.5 Contact Details.**

7.2 Works Organisation / Contractor

The Contractor's Project Manager will be Mr Mick Lehmann (Mobile: 0429 013 962)

The Contractor's Works Manager will be Mr Jason Huppatz (Mobile: 0417 481 257)

The Fulton Hogan duty phone number will be (Mobile: 0429 013 962)

The Contractor's Works Manager or his/her delegate must be present on site during all work periods and is responsible for complying with the requirements of this MOWP.

All contact, with the Base, by the Contractor, in relation to the work, is to be made through the PMCA or representative.

7.3 Works Safety Officer

Authority to operate as WSO for works on Joint User Areas must be provided by BASO and DIA prior to works on the Joint User Areas.

The nominated Works Safety Officers (WSO) for these works will be from National Airside Safety and Maintenance.

A letter is to be provided to DIA by the RAAF BASO to confirm that the nominated WSO has the appropriate level of training to undertake the tasks as detailed in this MOWP.

The WSO contact details are included in section **7.5 Contact Details.**

The WSO is responsible for the operational safety of the works and carrying out WSO duties in accordance with the requirements CASA MOS Part 139 13.04 Works safety officer; and 15.04 Management and Control of Aerodrome Works, and this MOWP.

The WSO must be present on site at all times while work is in progress.

The WSO must maintain radio communications with Darwin SMCV on 119.55 MHz when ATC is active in accordance with procedures agreed with RAAF ATC and monitor CTAF 133.1 when ATC not active.

The WSO must have a copy of this MOWP accessible at all times.

7.4 Base Aviation Safety Officer

The Base Aviation Safety Officer (BASO) will provide airside induction training to the personnel involved in carrying out any works on the movement areas, including competency check of WSOs involved in these works.

The BASO will be the main point of contact for any aviation safety issues during the Works.

The Base Aviation Safety Officer for the works will be SQNLDR Jay Murray.

7.5 Contact Details

RAAF Base Darwin – 13 Squadron				
CO 13 Squadron SADFO	WGCDR Jim Collisson	T: 08 8923 5001 M: 0408 485 621 E: jim.collisson@defence.gov.au		
Air Base Executive Officer	SQNLDR Andrew Miller	M: 0407 615 214		
		E: andrew.miller10@defence.gov.au		
Base Aviation Safety	SQNLDR Jay Murray	M: 0409 669 214		
Officer		E: dar.baso@defence.gov.au		
Base Airfield Engineering	FLTLT Mitchel Heming	T: 08 8923 5660		
Officer		M: 0467 667 388		
		E: Mitchell.heming@defence.gov.au		
RAAF ATC - 452 SQN DAR	FLT			
452SQN DAR FLT CDR	SQNLDR Marty Ferguson	T: 02 4077 9659 ML 0408 892 476 E: <u>452sqndar.fltcdr@defence.gov.au</u>		
452SQN DAR FLT CDR	SQNLDR James Lee	T: 08 7929 4028 M: 0408 809 864 E: 452sqndar.opscdr@defence.gov.au		
ATC Duty Controller	Various	T: 8924 2358 E: dar.atc@defence.gov.au		
CFI				
Director General Capital	AIRCDRE Ron Tilley	T: 02 6266 8075		
Facilities and Infrastructure		E: ron.tilley@defence.gov.au		
Director — National Projects	GPCAPT Adrian Carswell	E: adrian.carswell@defence.gov.au		
Project Director - National	WGCDR Danny Cusack	M: 0408 202 343		
Airfield Projects		E: danny.cusack@defence.gov.au		

Senior Project Officer - National Airfields Projects	Paul Smit	T: 02 6266 8081
National Airfields Projects		E: paul.smit@defence.gov.au
Assistant Project Manager	Simon Ganter	T: 02 6266 8814
		E: simon.ganter1@defence.gov.au
DEIC		
Base Redevelopment	SQNLDR David	M: 0400 821 116
Officer	Champion	E: david.champion2@defence.gov.au
SDD		
Regional Environment and	Katina Croft	M: 0409 883 566
Sustainability Officer		E: Katina.croft@defence.gov.au
Base Manager – RAAF	Nola Chellingworth	T: 08 7929 4712
Base Darwin		E: Nola.chellingworth@defence.gov.au
Assistant Base Manager	Jeff Grose	T: 08 7971 1274
		E: Jeff.grose@defence.gov.au
Darwin International Airp	ort	
Executive General	Rob Porter	T: 08 8920 1832
Manager Operations		E: rob.porter@adgnt.com.au
Head of Airside Operations	Glen Dodds	T: 0447 572 766
		E: Glen.dodds@adgnt.com.au
Airside Manager	Mike Clancy	M: 0423 797 355
, and the second	,	E: Mike.clancy@adgnt.com.au
Aerodrome Safety &	Bob Calaby	M: 0402 088 163
Standards Manager	,	M: Bob.calaby@adgnt.com.au
Aurecon/Beca Consultan	ts (PMCA)	
Project Manager	Raymond Kwan	M: 0478 765 952
.,		E: raymond.kwan@aurecongroup.com
Consultant's Site	Kieran Rutten	M: 0488 693 347
Representative		E: Kieran.rutten@beca.com
Contractor - Fulton Hoga	ın	
Project Contractor	Richard Mihell	M: 0429 011 396
Representative	Tachara Fillion	E: Richard.mihell@fultonhogan.com.au
Project Manager	Mick Lehmann	M: 0429 013 962
ojece i lanagei	. nex communi	E: Mick.lehmann@fultonhogan.com.au
Works Manager	Sam Champion	M: 0429 013 962
Trong Flanager	Sam Champion	E: Samuel.champion@fultonhogan.com.au
WSO's - NASAM		
WSO's - NASAM WSO	Andrew Ward	M: 0422 468 142
VVSU	Andrew Wald	
		E: jumbo@airportlinemarking.com

WSO	Warren Jones	M: 0437 680 339
		E: woggalor@tpg.com.au
WSO	Jake Ward	M: 0458 692 016

7.6 Distribution

This MOWP is to be distributed to all of the persons and agencies listed in the Distribution List attached at **ANNEX A.** MOWP: YPDN 23/03

8. AUTHORITY

8.1 Issue

This MOWP is issued in accordance with CASA Part 139 MOS -Aerodromes (CASA, 2019).

All work must be carried out in accordance with these documents and the specific requirements of this MOWP.

8.2 Variation

Requests or proposals to vary the MOWP, as well as queries on its content or meaning, are to be directed to the RAAF Base Representative FLTLT Heming and DIA Representative Glen Dodds.

8.3 Expiry

This MOWP will remain effective until 30 November 2023 unless extended by amendment.

8.4 Approval

Under the authority of the following signatures, this MOWP is approved for release.

Digitally signed by jim.collisson Date: 2023.10.20 09:35:43 +09'30'	nola.chell Digitally signed by nola.chellingworth Date: 2023.10.19 10:22:49 +09'30'	Rob Porter
WGCDR Jim Collisson	Nola Chellingworth	Rob Porter
CO 13Squadron Senior ADF Officer RAAF Base Darwin	Base Manager Darwin RAAF Base Darwin Nola Chellingworth	Executive General Manager Operations
		Darwin International Airport

9. DISTRIBUTION LIST

13 SQN – RAAF Darwin	ı	
WGCDR Jim Collisson	SADFO	Jim.collisson@defence.gov.au
SQNLDR Andrew Miller	ABXO	andrew.miller10@defence.gov.au
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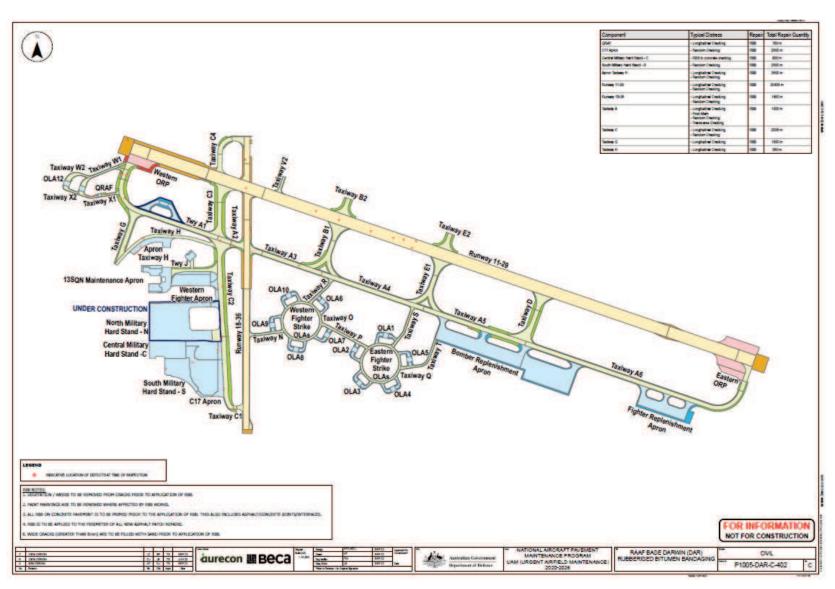
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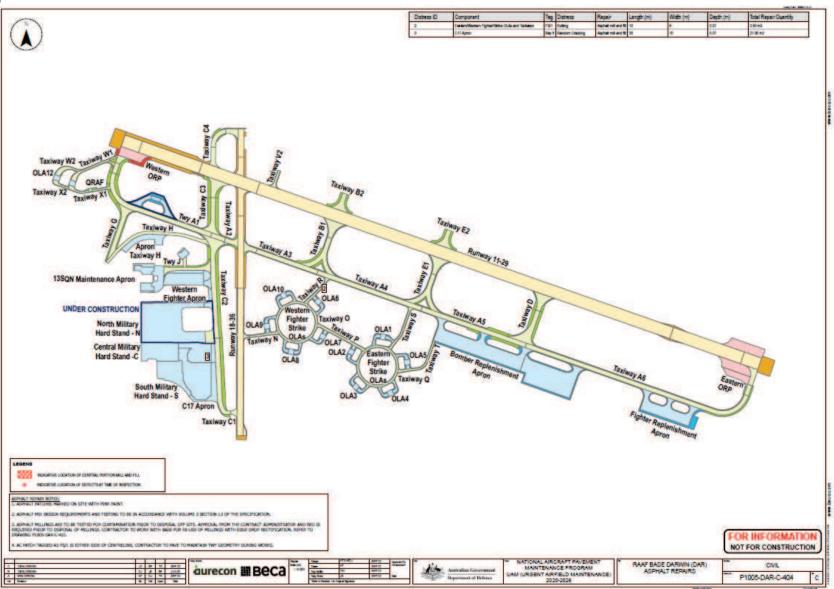
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10. P1005 WORKS PLANS

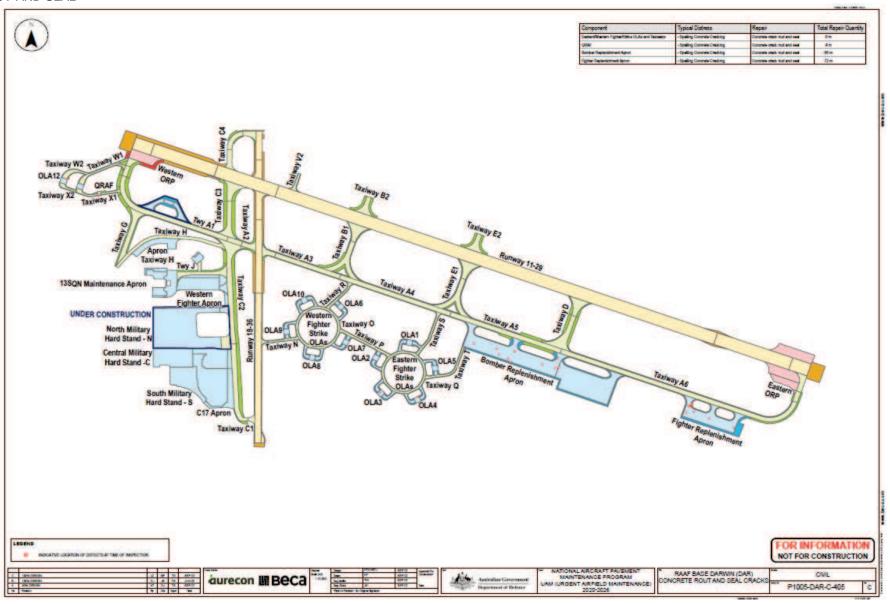
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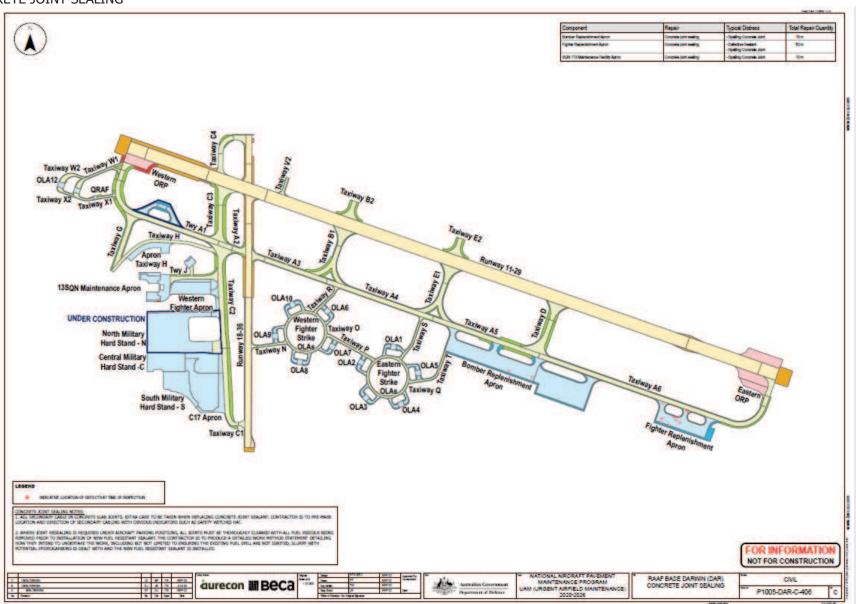
2. ASPHALT



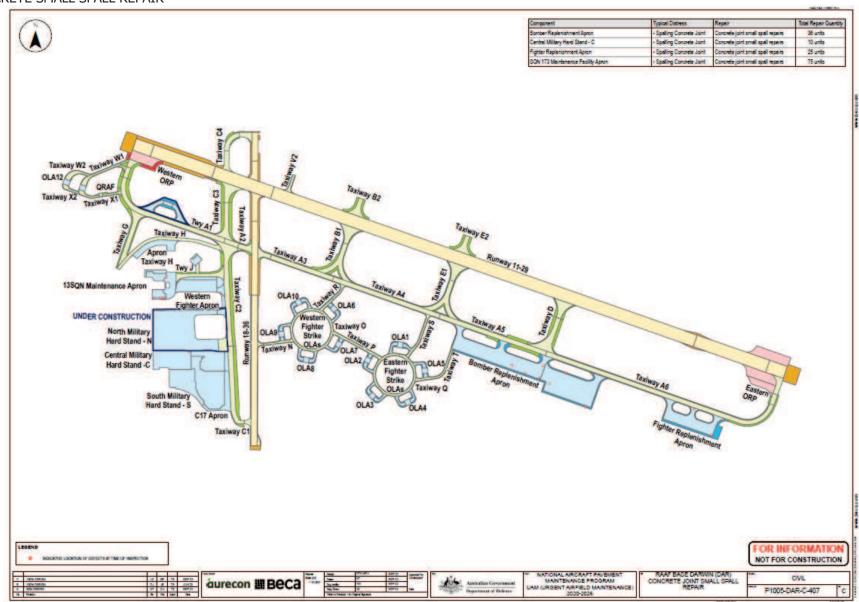
3. ROUT AND SEAL



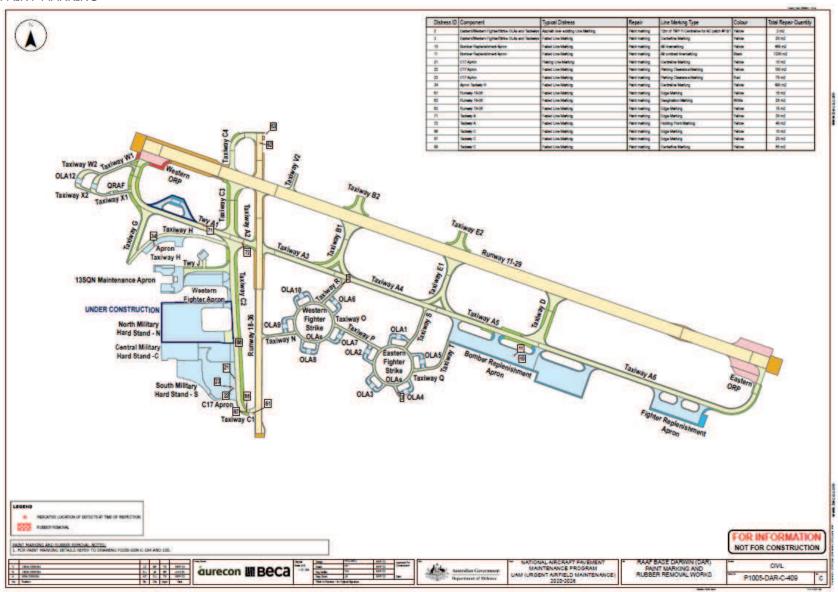
4. CONCRETE JOINT SEALING



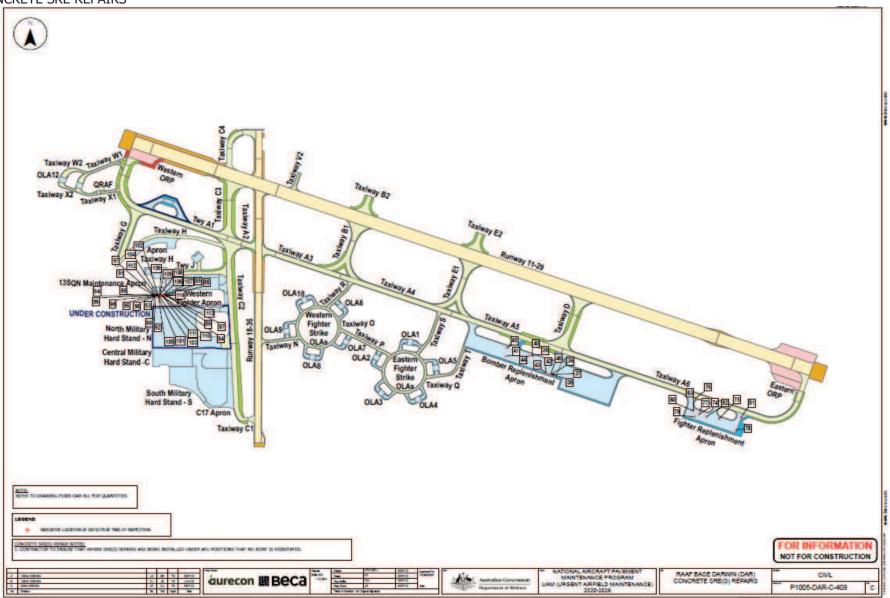
5. CONCRETE SMALL SPALL REPAIR

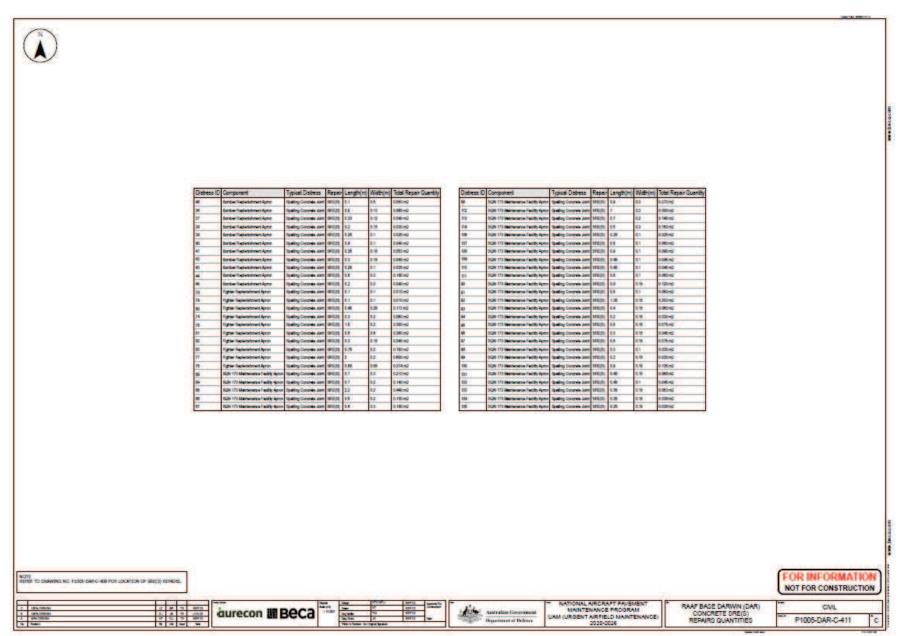


6. PAINT MARKING



7. CONCRETE SRE REPAIRS





8. MISCELLANEOUS WORKS – Edge Drop Repairs

