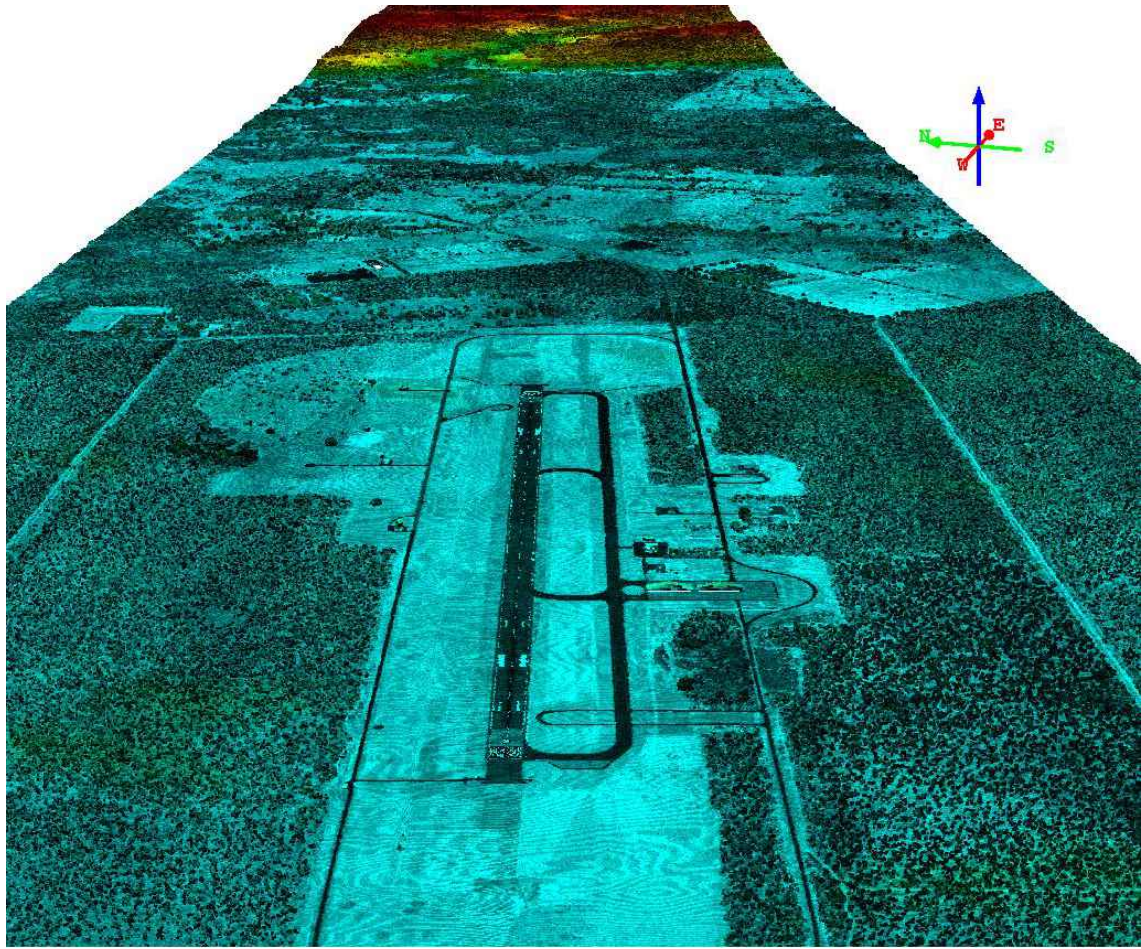


OBSTACLE LIMITATION SURVEYS AND ASSESSMENT

RAAF GINGIN AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED DECEMBER 2024




REV	DATE	REVISION DETAILS	APPROVED
A	29.08.24	FOR REVIEW	DG
B	08.11.24	FOR ISSUE	DG
C	06.12.24	FOR ISSUE - RWS WIDTH AMENDMENT	DG

SCALE	SIZE
AS SHOWN	A1/A3
DRAWN	
MH	
SURVEYED	
KI/MH/AAM	
CHECKED	
GH	

FOR ISSUE	APPROVED	DATE
NOT FOR CONSTRUCTION		06/12/2024
	DANIEL GEEVES	

PROJECT	TITLE	DRAWING No.	PROJECT No.	WBS	TYPE	DISC	SITE	NUMBER	REV
OBSTACLE LIMITATION SURVEYS AND ASSESSMENT RAAF GINGIN	AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED DECEMBER 2024 COVER SHEET	520002	EST09759	DRG	UU	GIN	001	C	

LEGEND

- LOWEST SURVEYED SLOPE
- GROUND LEVEL
-  OBSTACLE

DECLARED DISTANCES FOR RUNWAY 08

TAKE OFF RUN AVAILABLE (TORA)	1828m (5997')
TAKE OFF DISTANCE AVAILABLE (TODA)	1988m (6522') (SEE NOTE BELOW)
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	1828m (5997')
LANDING DISTANCE AVAILABLE (LDA)	1828m (5997')
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	1527m (5009') 1.6%, 1580m (5183') 1.9%, 1595m (5232') 2.0%, 1619m (5311') 2.2%, 1649m (5410') 2.5%, 1703m (5587') 3.3%, 1762m (5780') 5.0%
-ARRESTOR BARRIER ERECTED	
-NET POLES 21 FEET ABOVE GROUND LEVEL	
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	1700m (5577') 1.6%, 1820m (5971') 1.9%, 1829m (6000') 2.0%, 1834m (6017') 2.2%, 1839m (6033') 2.5%, 1848m (6062') 3.3%, 1858m (6095') 5.0%
-ARRESTOR BARRIER RETRACTED	
-NET POLES 5 FEET ABOVE GROUND LEVEL	











NOTE:
ARRESTOR NET IS LOCATED IN THE CLEARWAY, THEREFORE THE TODA GRADIENT CANNOT BE PUBLISHED

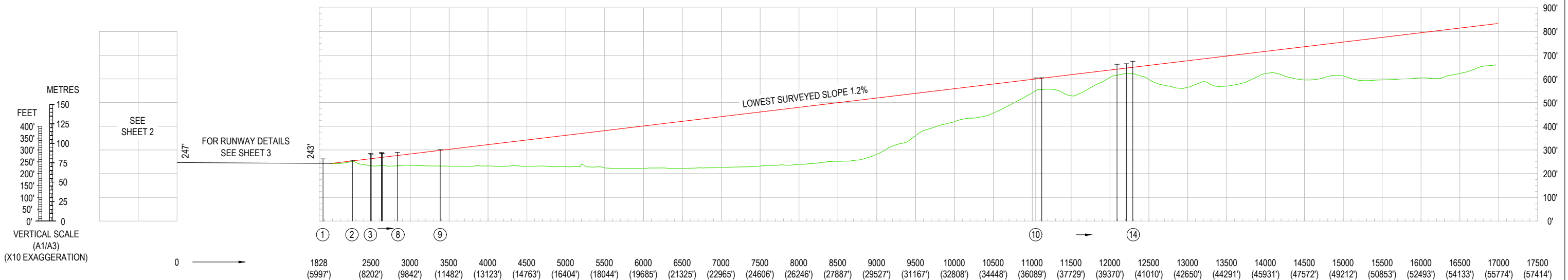
NOTES

- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (GDA2020) ZONE 50 THE VERTICAL DATUM BEING AHD.
- HORIZONTAL DIMENSIONS IN METRES (FEET) ELEVATIONS IN FEET
- USERS OF THIS CHART SHOULD NOTIFY ANY ERRORS OR OMISSIONS AS SOON AS THEY BECOME APPARENT TO :-

AERONAUTICAL INFORMATION SERVICE - AIR FORCE
EMAIL: AIS.AF@DEFENCE.GOV.AU
- FOR FURTHER INFORMATION REGARDING THIS CHART CONTACT THE ABOVE
- MAGNETIC VARIATION 1° 27' W (JUNE 2024)
- AERIAL SURVEY COMPLETED JANUARY 2016.
GROUND SURVEY CHECKS AND VERIFICATION MARCH 2024.

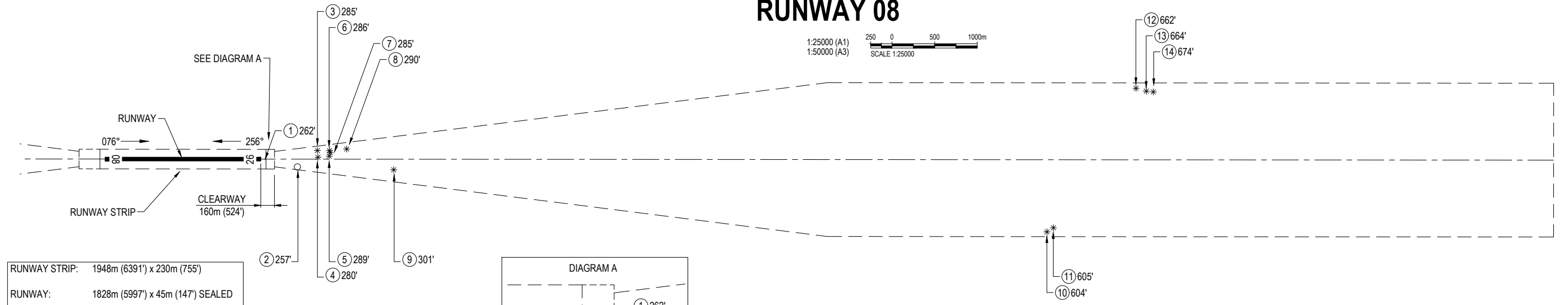
LEGEND

- OBSTRUCTIONS AND OBSTACLES**
-  OBJECT NUMBER
 -  TOP ELEVATION IN FEET
 -  TREE(S) OR VEGETATION
 -  BUILDING OR LARGE STRUCTURE
 -  POLE, TOWER, SPIRE ETC
 -  ANTENNA
 -  MOVING (ROADS, RAILWAY TRACKS ETC)
 -  TERRAIN PENETRATING LOWEST SURVEYED SLOPE
 -  OVERHEAD TRANSMISSION LINE
 -  FENCE LINE

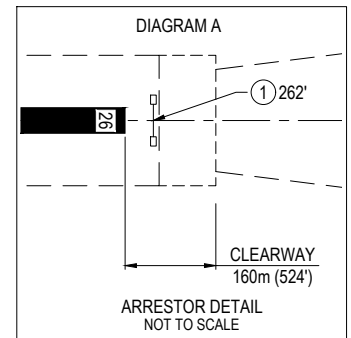


RUNWAY 08

1:25000 (A1)
1:50000 (A3)
SCALE 1:25000



RUNWAY STRIP: 1948m (6391') x 230m (755')
RUNWAY: 1828m (5997') x 45m (147') SEALED



THE TYPE A SURVEY HAS BEEN CONDUCTED IN ACCORDANCE WITH ICAO ANNEX 4 AND DEPARTMENT OF DEFENCE REQUIREMENTS. THE CHART CLEARLY SHOWS THE GRAPHICAL RESULTS OF THE SURVEY AND HAS BEEN CHECKED FOR ACCURACY AND COMPLETENESS OF INFORMATION. THE CHART IS CERTIFIED CORRECT FOR PUBLICATION.

[Signature]
DANIEL GEEVES
REGISTERED SURVEYOR
aurecon
DATE: 06/12/2024



CLIENT



Australian Government
Department of Defence
Security and Estate Group

REV	DATE	REVISION DETAILS	APPROVED
A	29.08.24	FOR REVIEW	DG
B	08.11.24	FOR ISSUE	DG
C	06.12.24	FOR ISSUE - RWS WIDTH AMENDMENT	DG

SCALE
AS SHOWN
A1/A3

FOR ISSUE
NOT FOR CONSTRUCTION

DRAWN
MH

SURVEYED
KI/MH/AAM

CHECKED
GH

APPROVED
[Signature]
DANIEL GEEVES
DATE: 06/12/2024

PROJECT
OBSTACLE LIMITATION SURVEYS AND ASSESSMENT
RAAF GINGIN

TITLE
AERODROME OBSTACLE CHART ICAO TYPE A
(OPERATING LIMITATIONS) ISSUED DECEMBER 2024
RUNWAY 08 - SHEET 1 OF 3

DRAWING No. 520002
PROJECT No. EST09759
WBS DRG
TYPE UU
DISC GIN
SITE 002
NUMBER 002
REV C

LEGEND

- LOWEST SURVEYED SLOPE
- GROUND LEVEL
- 1 OBSTACLE

DECLARED DISTANCES FOR RUNWAY 26

TAKE OFF RUN AVAILABLE (TORA)	1828m (5997')
TAKE OFF DISTANCE AVAILABLE (TODA)	2133m (6998') (SEE NOTE BELOW)
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	1828m (5997')
LANDING DISTANCE AVAILABLE (LDA)	1828m (5997')
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA) -ARRESTOR BARRIER ERECTED -NET POLES 21 FEET ABOVE GROUND LEVEL	1492m (4895') 1.6%, 1554m (5098') 1.9%, 1571m (5154') 2.0%, 1599m (5246') 2.2%, 1632m (5354') 2.5%, 1692m (5551') 3.3%, 1755m (5757') 5.0%
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA) -ARRESTOR BARRIER RETRACTED -NET POLES 5 FEET ABOVE GROUND LEVEL	1658m (5439') 1.6%, 1815m (5954') 1.9%, 1818m (5964') 2.0%, 1823m (5980') 2.2%, 1830m (6003') 2.5%, 1841m (6040') 3.3%, 1853m (6079') 5.0%

NOTE:
ARRESTOR NET IS LOCATED IN THE CLEARWAY, THEREFORE THE TODA GRADIENT CANNOT BE PUBLISHED

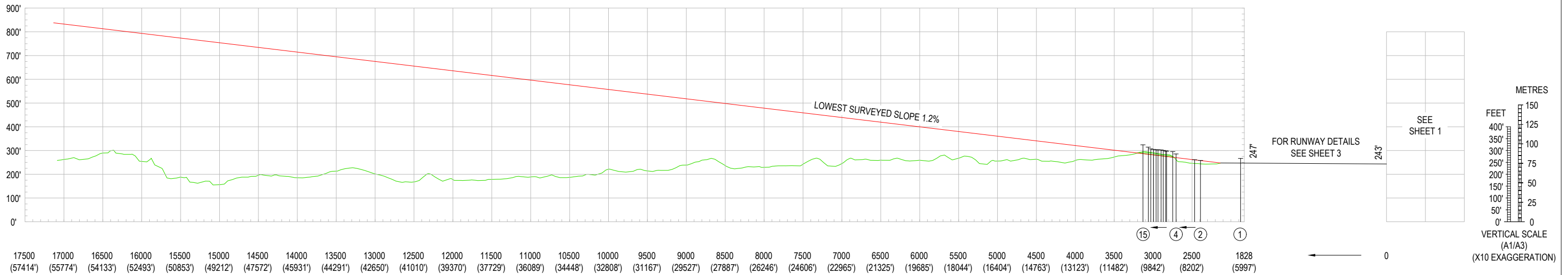
NOTES

- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (GDA2020) ZONE 50 THE VERTICAL DATUM BEING AHD.
- HORIZONTAL DIMENSIONS IN METRES (FEET) ELEVATIONS IN FEET
- USERS OF THIS CHART SHOULD NOTIFY ANY ERRORS OR OMISSIONS AS SOON AS THEY BECOME APPARENT TO :-

AERONAUTICAL INFORMATION SERVICE - AIR FORCE
EMAIL: AIS.AF@DEFENCE.GOV.AU
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- MAGNETIC VARIATION 1° 27' W (JUNE 2024)
- AERIAL SURVEY COMPLETED JANUARY 2016.
GROUND SURVEY CHECKS AND VERIFICATION MARCH 2024.

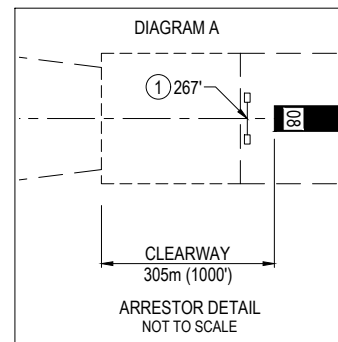
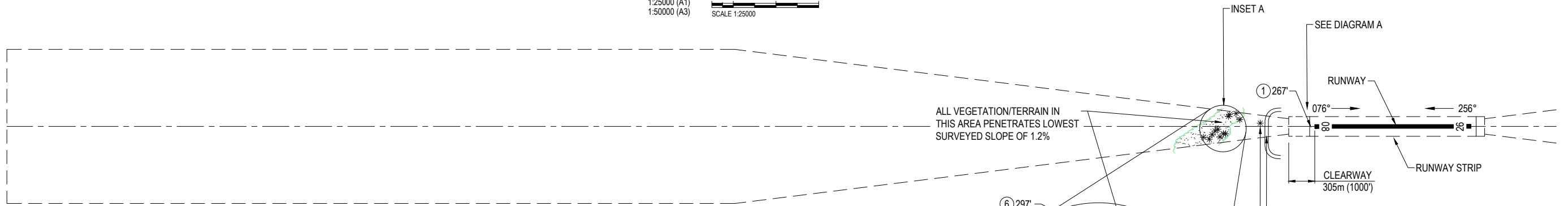
LEGEND

- OBSTRUCTIONS AND OBSTACLES**
- 1 OBJECT NUMBER
 - 392 TOP ELEVATION IN FEET
 - * TREE(S) OR VEGETATION
 - BUILDING OR LARGE STRUCTURE
 - POLE, TOWER, SPIRE ETC
 - △ ANTENNA
 - MOVING (ROADS, RAILWAY TRACKS ETC)
 - TERRAIN PENETRATING LOWEST SURVEYED SLOPE
 - OVERHEAD TRANSMISSION LINE
 - FENCE LINE
 - FOREST PENETRATING LOWEST SURVEYED SLOPE



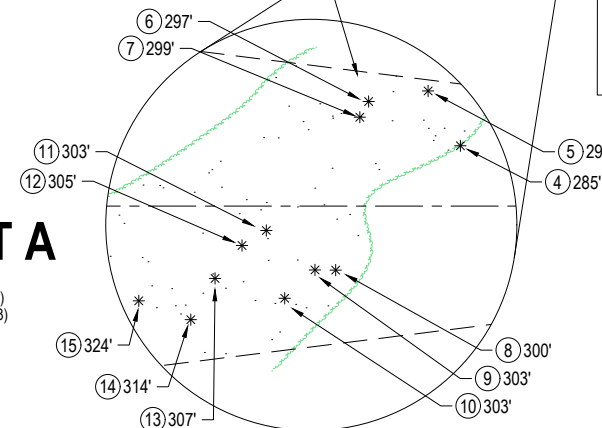
RUNWAY 26

1:25000 (A1)
1:50000 (A3)
SCALE 1:25000



INSET A

1:5000 (A1)
1:10000 (A3)



THE TYPE A SURVEY HAS BEEN CONDUCTED IN ACCORDANCE WITH ICAO ANNEX 4 AND DEPARTMENT OF DEFENCE REQUIREMENTS. THE CHART CLEARLY SHOWS THE GRAPHICAL RESULTS OF THE SURVEY AND HAS BEEN CHECKED FOR ACCURACY AND COMPLETENESS OF INFORMATION. THE CHART IS CERTIFIED CORRECT FOR PUBLICATION.

Daniel Geeves
DANIEL GEEVES
REGISTERED SURVEYOR
aurecon
06/12/2024
DATE



REV	DATE	REVISION DETAILS	APPROVED
A	29.08.24	FOR REVIEW	DG
B	08.11.24	FOR ISSUE	DG
C	06.12.24	FOR ISSUE - RWS WIDTH AMENDMENT	DG

SCALE	SIZE
AS SHOWN	A1/A3
DRAWN	
MH	
SURVEYED	
KI/MH/AAM	
CHECKED	
GH	

FOR ISSUE
NOT FOR CONSTRUCTION
APPROVED
Daniel Geeves
DATE
06/12/2024
DANIEL GEEVES

PROJECT	TITLE	DRAWING No.	PROJECT No.	WBS	TYPE	DISC	SITE	NUMBER	REV
OBSTACLE LIMITATION SURVEYS AND ASSESSMENT RAAF GINGIN	AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED DECEMBER 2024 RUNWAY 26 - SHEET 2 OF 3	520002	EST09759	DRG	UU	GIN	003	C	

AERODROME OBSTACLE CHART - ICAO TYPE A (OPERATING LIMITATIONS) DECEMBER 2024, COMPILED BY AURECON

TO BE READ IN CONJUNCTION WITH CURRENT NOTAMS

THE ORIGIN OF THE TAKE OF SURFACE IS LOCATED AT THE END OF THE CLEARWAY DISTANCES COMMENCE FROM THE START OF THE TAKE-OFF RUNWAY (SOT)

DATUM

AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (GDA2020) ZONE 50 THE VERTICAL DATUM BEING AHD.

DEFINITIONS

- RE-PSM: RUNWAY END PERMANENT SURVEY MARK
LENGTH OF INNER EDGE 180m
RATE OF DIVERGENCE OF SPLAY (EACH SIDE) 12.5%
FINAL WIDTH 1800m
OVERALL LENGTH 15000m

Table for RWY 08 TAKE OFF. Includes columns for REPSM AT START OF TORA (REPSM 08), GEOGRAPHIC (LAT, LONG), MGA (EASTING, NORTHING), ELEVATION, RUNWAY MAGNETIC BEARING, TORA, TODA, and ELEVATION AT T.O. ORIGIN. Also includes a table for OBJECTS THAT APPEAR ON THE CHART with columns for REF No, GEOGRAPHIC, MGA, ELEVATION TOP, TYPE OF OBSTACLE, DISTANCE FROM SOT, OFFSET, and GRADIENT TO TOP.

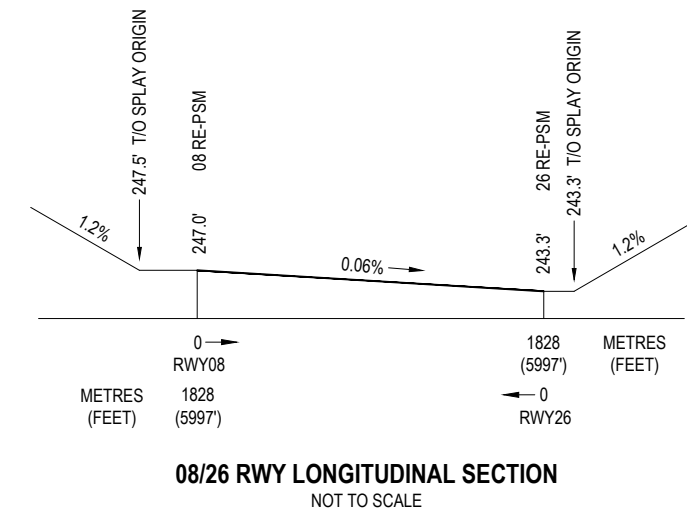


Table for RWY 26 TAKE OFF. Includes columns for REPSM AT START OF TORA (REPSM 26), GEOGRAPHIC (LAT, LONG), MGA (EASTING, NORTHING), ELEVATION, RUNWAY MAGNETIC BEARING, TORA, TODA, and ELEVATION AT T.O. ORIGIN. Also includes a table for OBJECTS THAT APPEAR ON THE CHART with columns for REF No, GEOGRAPHIC, MGA, ELEVATION TOP, TYPE OF OBSTACLE, DISTANCE FROM SOT, OFFSET, and GRADIENT TO TOP.

THE TYPE A SURVEY HAS BEEN CONDUCTED IN ACCORDANCE WITH ICAO ANNEX 4 AND DEPARTMENT OF DEFENCE REQUIREMENTS. THE CHART CLEARLY SHOWS THE GRAPHICAL RESULTS OF THE SURVEY AND HAS BEEN CHECKED FOR ACCURACY AND COMPLETENESS OF INFORMATION. THE CHART IS CERTIFIED CORRECT FOR PUBLICATION.

Daniel Geeves signature and stamp, REGISTERED SURVEYOR aurecon, DATE 06/12/2024.



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CLIENT



Table with columns: REV, DATE, REVISION DETAILS, APPROVED. Includes revision history for FOR REVIEW, FOR ISSUE, and FOR ISSUE - RWS WIDTH AMENDMENT.

Table with columns: SCALE, SIZE, DRAWN, SURVEYED, CHECKED. Includes values for AS SHOWN, A1/A3, MH, KI/MH/AAM, and GH.

Table with columns: FOR ISSUE, APPROVED, DATE. Includes FOR ISSUE NOT FOR CONSTRUCTION and signature of Daniel Geeves dated 06/12/2024.

Table with columns: PROJECT, TITLE, DRAWING No., PROJECT No., WBS, TYPE, DISC, SITE, NUMBER, REV. Includes PROJECT OBSTACLE LIMITATION SURVEYS AND ASSESSMENT RAAF GINGIN, TITLE AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED DECEMBER 2024 RUNWAY 08/26 - SHEET 3 OF 3, and DRAWING No. 520002.