



NOTE:  
UNCONTROLLED MOVING OBJECTS AND TREES LOCATED IN THE CLEARWAY, THEREFORE THE TODA GRADIENT CANNOT BE PUBLISHED

DECLARED DISTANCES FOR RUNWAY 15	
TAKE OFF RUN AVAILABLE (TORA)	1523m (4997')
TAKE OFF DISTANCE AVAILABLE (TODA)	1583m (5194')
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	1523m (4997')
LANDING DISTANCE AVAILABLE (LDA)	1523m (4997')
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	822m (2696') 2.0%, 961m (3152') 2.2%, 1072m (3517') 2.5%, 1261m (4137') 3.3%, 1412m (4632') 5.0%

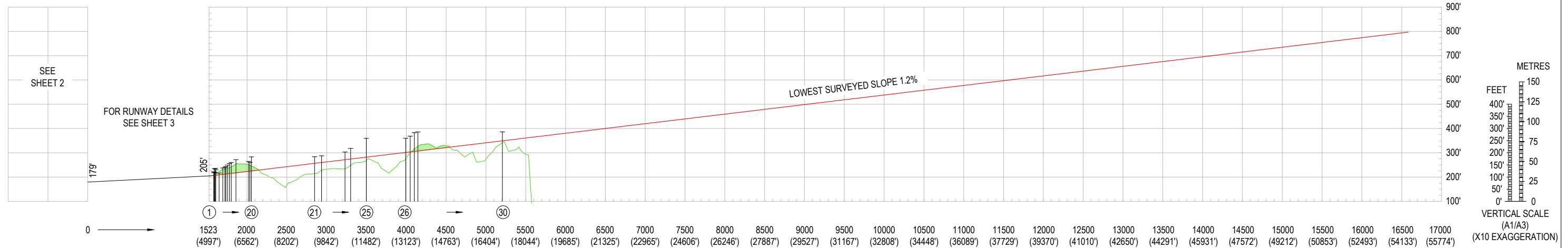
LEGEND	
	LOWEST SURVEYED SLOPE
	GROUND LEVEL
	MOST LIMITING OBSTACLE
	OBSTACLE

**NOTES**

- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (GDA2020) ZONE 56 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 13° 00' E (MAY 2024)
- AERIAL SURVEY COMPLETED JUNE 2023.  
GROUND SURVEY CHECKS AND VERIFICATION AUGUST 2023.

**LEGEND**

OBSTRUCTIONS AND OBSTACLES	
	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
	DENSE FOREST PENETRATING LOWEST SURVEYED SLOPE

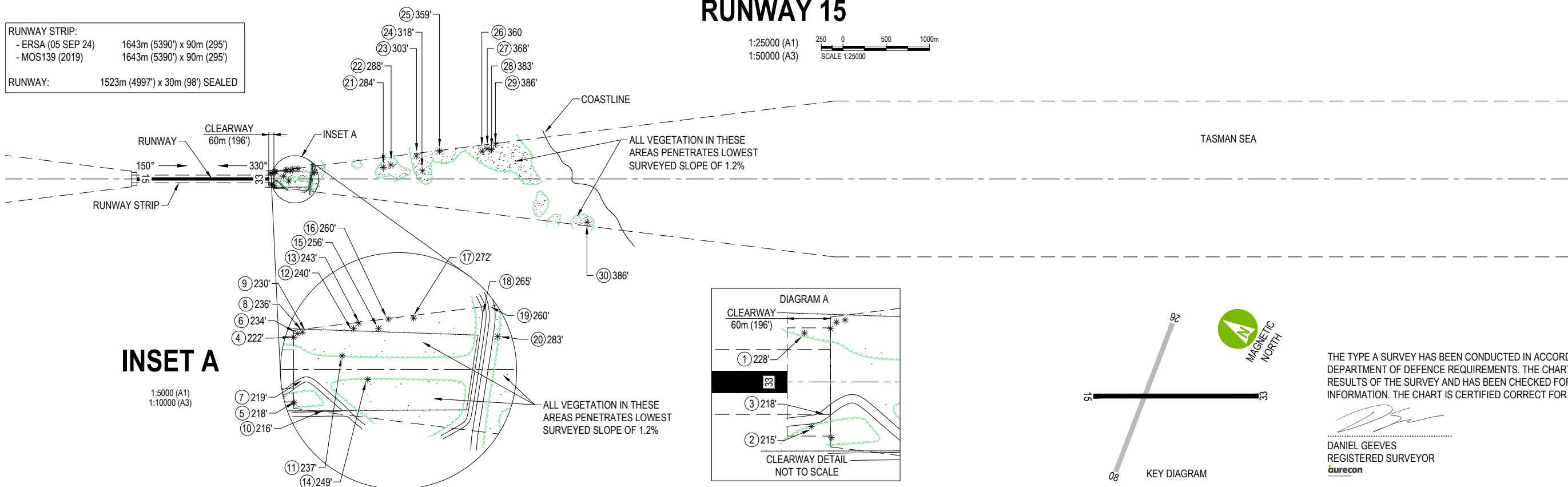


**RUNWAY STRIP:**  
- ERSA (05 SEP 24) 1643m (5390') x 90m (295')  
- MOS139 (2019) 1643m (5390') x 90m (295')

**RUNWAY:** 1523m (4997') x 30m (98') SEALED

**RUNWAY 15**

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



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  
REGISTERED SURVEYOR  
aurecon

12/11/2024  
DATE



www.aurecongroup.com



REV	DATE	REVISION DETAILS	APPROVED
A	07.08.24	FOR REVIEW	DG
B	12.11.24	FOR ISSUE	DG

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

FOR ISSUE	NOT FOR CONSTRUCTION
	DATE 12/11/2024
DANIEL GEEVES	

PROJECT	TITLE
OBSTACLE LIMITATION SURVEYS AND ASSESSMENT JERVIS BAY RANGE FACILITY	AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED NOVEMBER 2024 RUNWAY 15 - SHEET 1 OF 8
DRAWING No. 520002	PROJECT No. EST09759
WBS - DRG	TYPE - UU
DISC - JBRF	SITE - 002
NUMBER - 002	REV - B

NOTE:  
TREES LOCATED IN THE CLEARWAY,  
THEREFORE THE TODA  
GRADIENT CANNOT BE PUBLISHED

DECLARED DISTANCES FOR RUNWAY 33	
TAKE OFF RUN AVAILABLE (TORA)	1523m (4997')
TAKE OFF DISTANCE AVAILABLE (TODA)	1583m (5194')
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	1523m (4997')
LANDING DISTANCE AVAILABLE (LDA)	1523m (4997')
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	1289m (4229') 1.6%, 1334m (4376') 1.9%, 1341m (4399') 2.0%, 1353m (4438') 2.2%, 1369m (4491') 2.5%, 1402m (4599') 3.3%, 1444m (4737') 5.0%

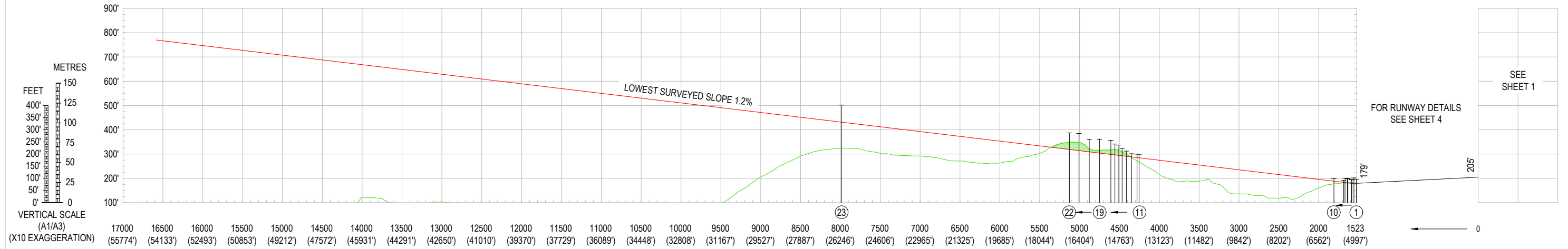
- LEGEND**
- LOWEST SURVEYED SLOPE
  - GROUND LEVEL
  - - - MOST LIMITING OBSTACLE
  - ① OBSTACLE

**NOTES**

- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (GDA2020) ZONE 56 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 13° 00' E (MAY 2024)
- AERIAL SURVEY COMPLETED JUNE 2023.  
GROUND SURVEY CHECKS AND VERIFICATION AUGUST 2023.

**LEGEND**

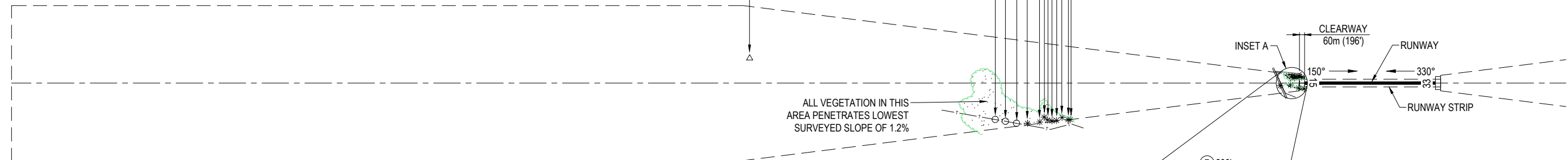
- OBSTRUCTIONS AND OBSTACLES**
- ① OBJECT NUMBER
  - 392 TOP ELEVATION IN FEET
  - \* TREE(S) OR VEGETATION
  - BUILDING OR LARGE STRUCTURE
  - POLE, TOWER, SPIRE ETC
  - △ ANTENNA
  - MOVING (ROADS, RAILWAY TRACKS ETC)
  - TERRAIN PENETRATING LOWEST SURVEYED SLOPE
  - OVERHEAD TRANSMISSION LINE
  -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



**RUNWAY 33**

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

<b>RUNWAY STRIP:</b>	
- ERSA (05 SEP 24)	1643m (5390') x 90m (295')
- MOS139 (2019)	1643m (5390') x 90m (295')
<b>RUNWAY:</b>	1523m (4997') x 30m (98') SEALED



ALL VEGETATION IN THIS AREA PENETRATES LOWEST SURVEYED SLOPE OF 1.2%

**INSET A**

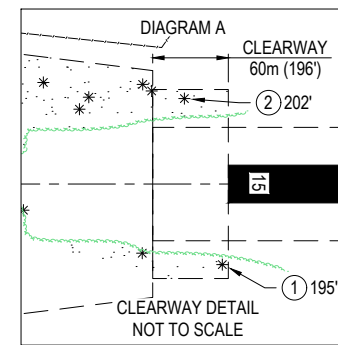
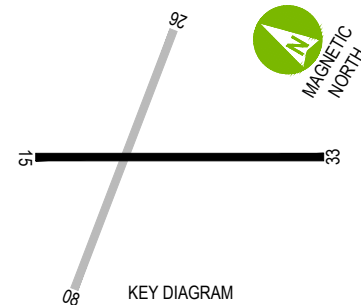
1:4000 (A1)  
1:8000 (A3)

ALL VEGETATION IN THESE AREAS PENETRATES LOWEST SURVEYED SLOPE OF 1.2%

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

12/11/2024  
DATE



REV	DATE	REVISION DETAILS	APPROVED
A	07.08.24	FOR REVIEW	DG
B	12.11.24	FOR ISSUE	DG

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

FOR ISSUE  
NOT FOR CONSTRUCTION

APPROVED  
*[Signature]*  
DANIEL GEEVES

DATE  
12/11/2024

PROJECT	OBSTACLE LIMITATION SURVEYS AND ASSESSMENT JERVIS BAY RANGE FACILITY
TITLE	AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED NOVEMBER 2024 RUNWAY 33 - SHEET 2 OF 8
DRAWING No.	520002
PROJECT No.	520002
WBS	EST09759
TYPE	DRG
DISC	UU
SITE	JBRF
NUMBER	003
REV	B







NOTE:  
UNCONTROLLED MOVING OBJECTS,  
FENCE AND TREES LOCATED IN THE  
CLEARWAY, THEREFORE THE TODA  
GRADIENT CANNOT BE PUBLISHED

DECLARED DISTANCES FOR RUNWAY 08	
TAKE OFF RUN AVAILABLE (TORA)	1466m (4810')
TAKE OFF DISTANCE AVAILABLE (TODA)	1526m (5006')
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	1466m (4810')
LANDING DISTANCE AVAILABLE (LDA)	1466m (4810')
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	881m (2890') 2.5%, 1280m (4199') 3.3%, 1380m (4527') 5.0%

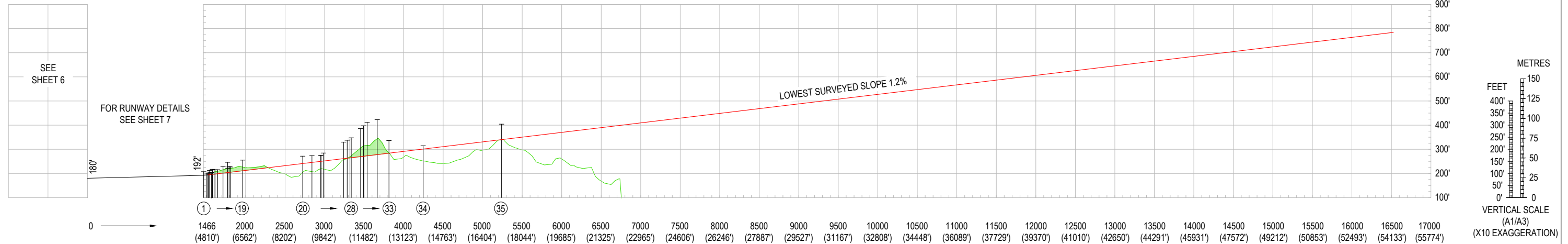
LEGEND	
	LOWEST SURVEYED SLOPE
	GROUND LEVEL
	MOST LIMITING OBSTACLE
	OBSTACLE

**NOTES**

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AERONAUTICAL INFORMATION SERVICE - AIR FORCE  
EMAIL: AIS.AF@DEFENCE.GOV.AU
- FOR FURTHER INFORMATION REGARDING THIS CHART CONTACT THE ABOVE
- MAGNETIC VARIATION 13° 00' E (MAY 2024)
- AERIAL SURVEY COMPLETED JUNE 2023.  
GROUND SURVEY CHECKS AND VERIFICATION AUGUST 2023.

**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
	DENSE FOREST PENETRATING LOWEST SURVEYED SLOPE

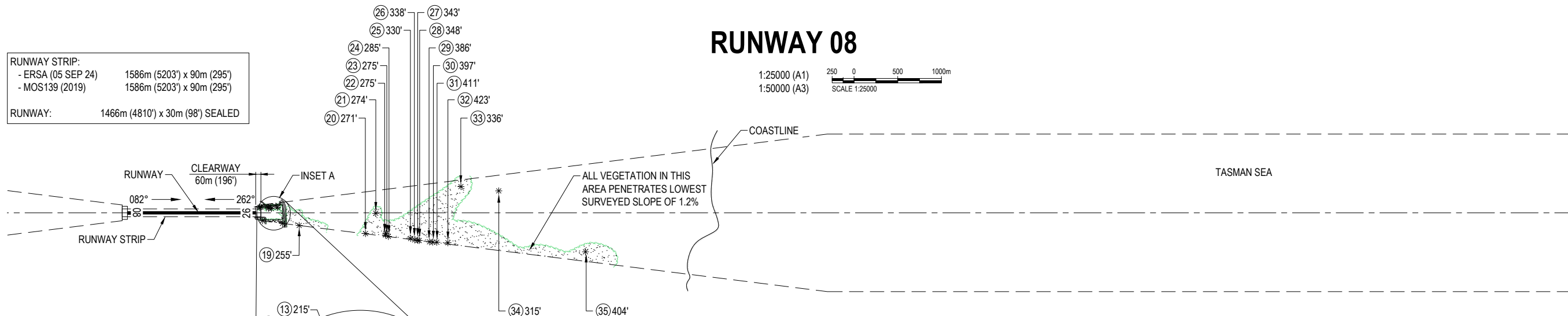


RUNWAY STRIP:  
- ERSA (05 SEP 24) 1586m (5203') x 90m (295')  
- MOS139 (2019) 1586m (5203') x 90m (295')

RUNWAY: 1466m (4810') x 30m (98') SEALED

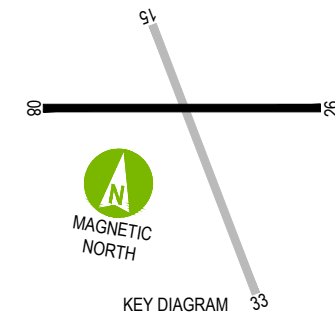
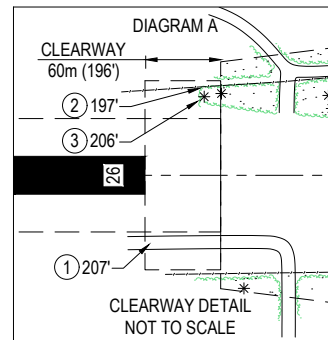
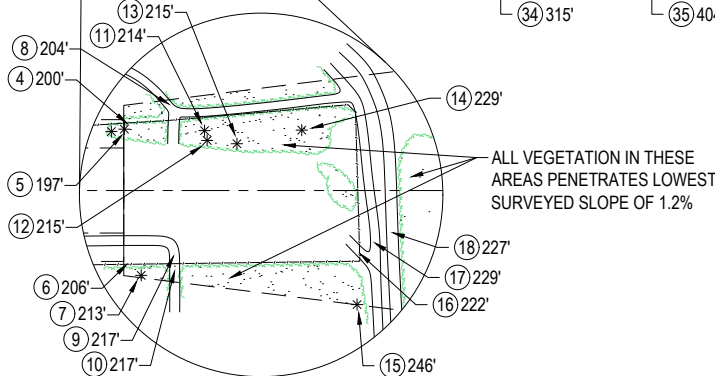
**RUNWAY 08**

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



**INSET A**

1:4000 (A1)  
1:8000 (A3)



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DANIEL GEEVES  
REGISTERED SURVEYOR  
aurecon

12/11/2024  
DATE



www.aurecongroup.com



REV	DATE	REVISION DETAILS	APPROVED
A	07.08.24	FOR REVIEW	DG
B	12.11.24	FOR ISSUE	DG

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

FOR ISSUE  
NOT FOR CONSTRUCTION

APPROVED  
  
DATE 12/11/2024  
DANIEL GEEVES

PROJECT	TITLE	DRAWING No.	PROJECT No.	WBS	TYPE	DISC	SITE	NUMBER	REV
OBSTACLE LIMITATION SURVEYS AND ASSESSMENT JERVIS BAY RANGE FACILITY	AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED NOVEMBER 2024 RUNWAY 08 - SHEET 5 OF 8	520002	EST09759	DRG	UU	JBRF	006	B	

NOTE:  
TREES LOCATED IN THE CLEARWAY,  
THEREFORE THE TODA  
GRADIENT CANNOT BE PUBLISHED

DECLARED DISTANCES FOR RUNWAY 26	
TAKE OFF RUN AVAILABLE (TORA)	1466m (4810')
TAKE OFF DISTANCE AVAILABLE (TODA)	1526m (5006')
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	1466m (4810')
LANDING DISTANCE AVAILABLE (LDA)	1466m (4810')
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	850m (2788') 1.6%, 921m (3021') 1.9%, 975m (3198') 2.0%, 1064m (3490') 2.2%, 1165m (3822') 2.5%, 1251m (4104') 3.3%, 1334m (4376') 5.0%

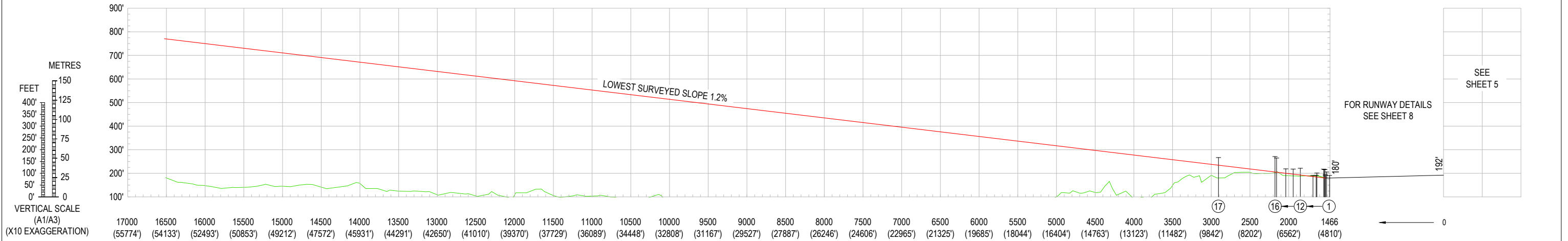
LEGEND	
	LOWEST SURVEYED SLOPE
	GROUND LEVEL
	MOST LIMITING OBSTACLE
	OBSTACLE

**NOTES**

- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (GDA2020) ZONE 56 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 13° 00' E (MAY 2024)
- AERIAL SURVEY COMPLETED JUNE 2023.  
GROUND SURVEY CHECKS AND VERIFICATION AUGUST 2023.

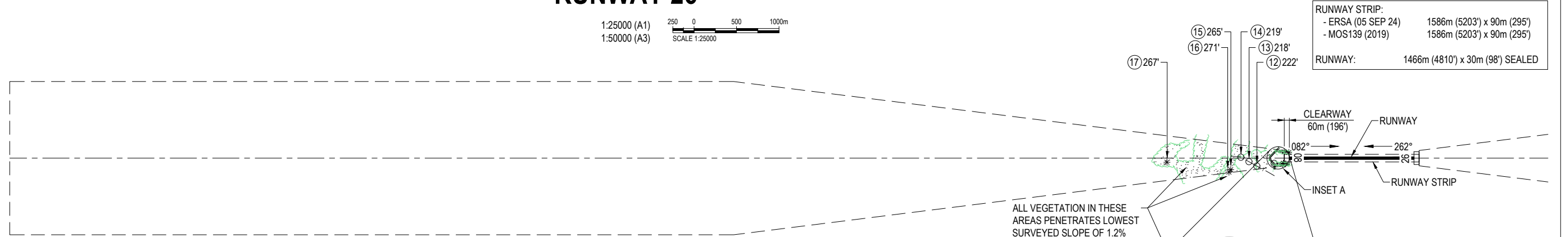
**LEGEND**

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
	DENSE FOREST PENETRATING LOWEST SURVEYED SLOPE



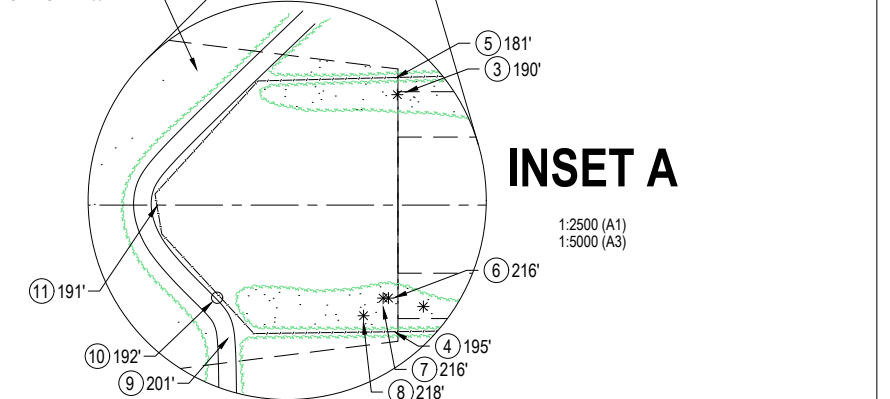
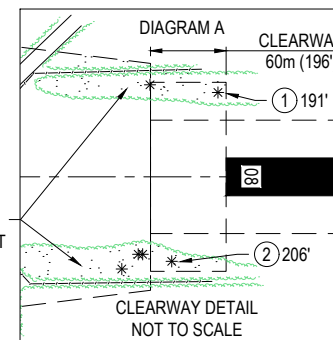
**RUNWAY 26**

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



ALL VEGETATION IN THESE AREAS PENETRATES LOWEST SURVEYED SLOPE OF 1.2%

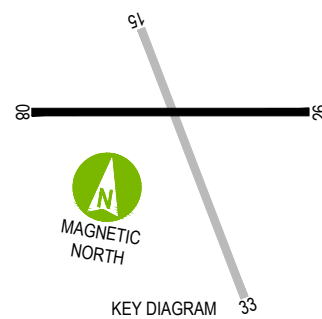
ALL VEGETATION IN THESE AREAS PENETRATES LOWEST SURVEYED SLOPE OF 1.2%



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  
REGISTERED SURVEYOR  
aurecon

12/11/2024  
DATE



www.aurecongroup.com



REV	DATE	REVISION DETAILS	APPROVED
A	07.08.24	FOR REVIEW	DG
B	12.11.24	FOR ISSUE	DG

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

FOR ISSUE	DATE
NOT FOR CONSTRUCTION	12/11/2024
DANIEL GEEVES	

PROJECT	TITLE
OBSTACLE LIMITATION SURVEYS AND ASSESSMENT JERVIS BAY RANGE FACILITY	AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED NOVEMBER 2024 RUNWAY 26 - SHEET 6 OF 8
<b>DRAWING No.</b>	<b>PROJECT No.</b>
520002	520002
<b>WBS</b>	<b>TYPE</b>
EST09759	DRG
<b>DISC</b>	<b>SITE</b>
UU	JBRF
<b>NUMBER</b>	<b>REV</b>
007	B

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

TO BE READ IN CONJUNCTION WITH CURRENT NOTAMS

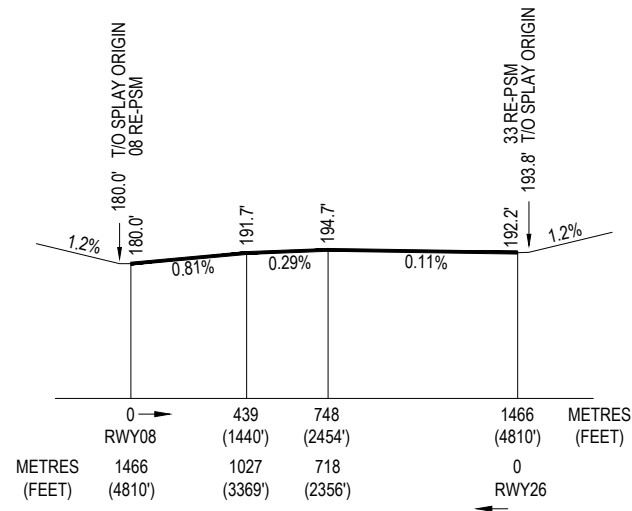
THE ORIGIN OF THE TAKE OFF SURFACE IS LOCATED AT THE END OF THE CLEARWAY
DISTANCES COMMENCE FROM THE START OF THE TAKE-OFF RUNWAY (SOT)

DATUM

AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (GDA2020) ZONE 56
THE VERTICAL DATUM BEING AHD.

DEFINITIONS

- RE-PSM: RUNWAY END PERMANENT SURVEY MARK
CLEARWAY WIDTH 150m
LENGTH OF INNER EDGE 180m
RATE OF DIVERGENCE OF SPLAY (EACH SIDE) 12.5%
FINAL WIDTH 1800m
OVERALL LENGTH 15000m



08/26 RWY LONGITUDINAL SECTION
NOT TO SCALE

RWY 08 TAKE OFF

Table with columns: REPSM AT START OF TORA (REPSM 08), GEOGRAPHIC (LAT, LONG), MGA (EASTING, NORTHING), ELEVATION (m, Ft), RUNWAY MAGNETIC BEARING (DEG, MIN, SEC), TORA (m, Ft), TODA (m, Ft), ELEVATION AT T.O. ORIGIN (m, Ft).

OBJECTS THAT APPEAR ON THE CHART

Main table with columns: REF No, GEOGRAPHIC (LAT, LONG), MGA (EASTING, NORTHING), ELEVATION TOP (m, Ft), TYPE OF OBSTACLE, DISTANCE FROM SOT (m, Ft), OFFSET (m, Ft), LEFT/RIGHT, 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 name: DANIEL GEEVES
REGISTERED SURVEYOR
aurecon

12/11/2024
DATE



www.aurecongroup.com



Australian Government
Department of Defence
Security and Estate Group

Table with columns: REV, DATE, REVISION DETAILS, APPROVED, SCALE, SIZE, FOR ISSUE, NOT FOR CONSTRUCTION, PROJECT, OBSTACLE LIMITATION SURVEYS AND ASSESSMENT, JERVIS BAY RANGE FACILITY, TITLE, AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED NOVEMBER 2024, RUNWAY 08 - SHEET 7 OF 8, DRAWING No., PROJECT No., WBS, TYPE, DISC, SITE, NUMBER, REV.



