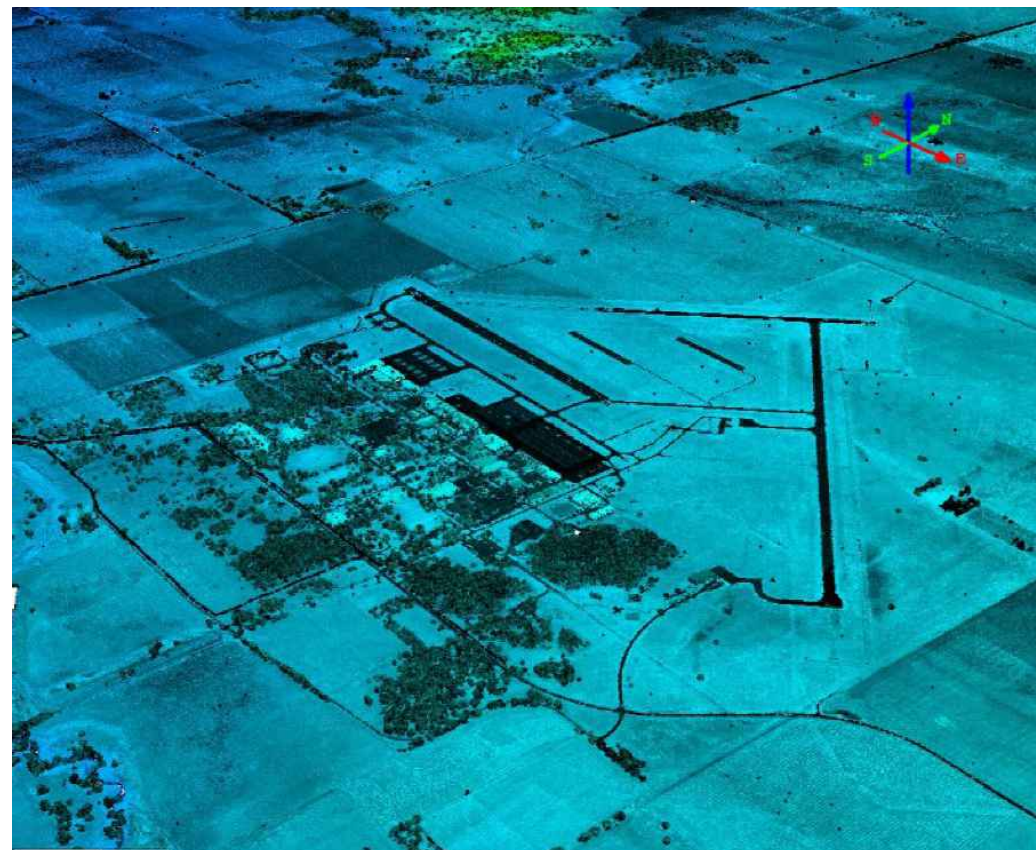


# OBSTACLE LIMITATION SURVEYS AND ASSESSMENT

ARMY AVIATION CENTRE OAKLEY  
 AERODROME OBSTACLE CHART ICAO TYPE A  
 (OPERATING LIMITATIONS ) ISSUED SEPTEMBER 2024



REV	DATE	REVISION DETAILS	APPROVED
A	24.05.24	FOR REVIEW	DG
B	02.09.24	FOR ISSUE	DG

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

FOR ISSUE	APPROVED	DATE
NOT FOR CONSTRUCTION		02/09/2024
DANIEL GEEVES		

PROJECT	TITLE	DRAWING No.	PROJECT No.	WBS	TYPE	DISC	SITE	NUMBER	REV
OBSTACLE LIMITATION SURVEYS AND ASSESSMENT ARMY AVIATION CENTRE OAKLEY	AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED SEPTEMBER 2024 COVER SHEET	520002	EST09759	DRG	UU	OAK	001	B	

DECLARED DISTANCES FOR RUNWAY 14	
TAKE OFF RUN AVAILABLE (TORA)	1649m (5410')
TAKE OFF DISTANCE AVAILABLE (TODA)	1709m (5606') 2.88%
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	1649m (5410')
LANDING DISTANCE AVAILABLE (LDA)	1649m (5410')
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	1214m (3982') 1.9%, 1641m (5383') 2.0%, 1660m (5446') 2.2%, 1685m (5528') 2.5%

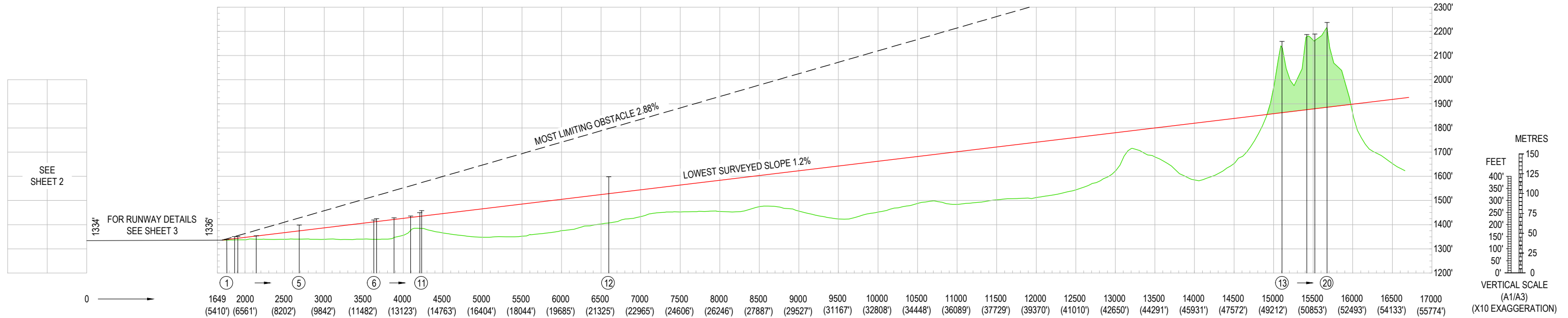
LEGEND	
	LOWEST SURVEYED SLOPE
	GROUND LEVEL
	MOST LIMITING OBSTACLE
	OBSTACLE

**NOTES**

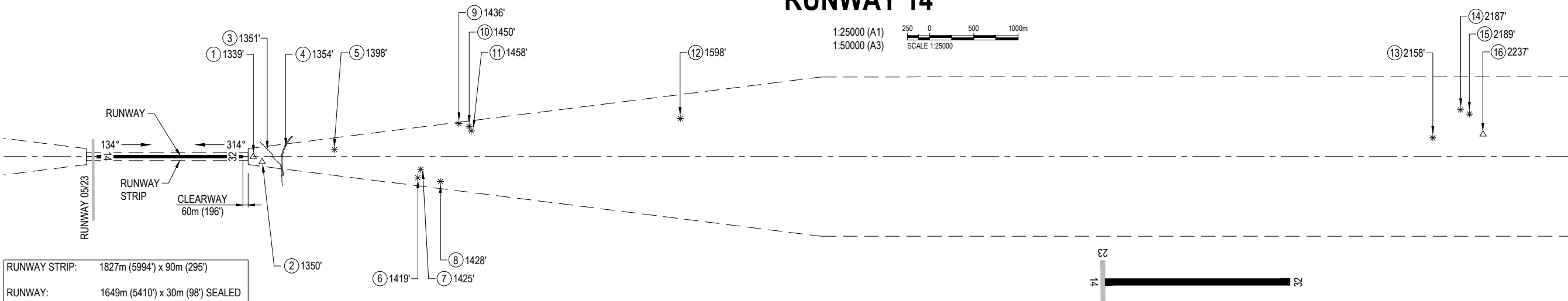
- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (MGA2020) ZONE 56 THE VERTICAL DATUM BEING AHD.
- HORIZONTAL DIMENSIONS IN METRES (FEET) ELEVATIONS IN FEET
- USERS OF THIS CHART SHOULD NOTIFY ANY ERRORS OR OMISSIONS AS SOON AS THEY BECOME APPARENT TO :-  
  
AERONAUTICAL INFORMATION SERVICE - AIR FORCE  
EMAIL: AIS.AF@DEFENCE.GOV.AU
- FOR FURTHER INFORMATION REGARDING THIS CHART CONTACT THE ABOVE
- MAGNETIC 10° 38' E (JUNE 2023)
- AERIAL SURVEY COMPLETED NOVEMBER - DECEMBER 2015.  
GROUND SURVEY CHECKS AND VERIFICATION APRIL 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



**RUNWAY 14**



RUNWAY STRIP: 1827m (5994') x 90m (295')  
 RUNWAY: 1649m (5410') x 30m (98') 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 02/09/2024



www.aurecongroup.com



REV	DATE	REVISION DETAILS	APPROVED
A	24.05.24	FOR REVIEW	DG
B	02.09.24	FOR ISSUE	DG

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

FOR ISSUE  
 NOT FOR CONSTRUCTION  
 APPROVED  
*[Signature]*  
 DANIEL GEEVES  
 DATE 02/09/2024

PROJECT	TITLE	DRAWING No.	PROJECT No.	WBS	TYPE	DISC	SITE	NUMBER	REV
OBSTACLE LIMITATION SURVEYS AND ASSESSMENT ARMY AVIATION CENTRE OAKY	AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED SEPTEMBER 2024 RUNWAY 14 - SHEET 1 OF 9	520002	EST09759	DRG	UU	OAK	002	B	

DECLARED DISTANCES FOR RUNWAY 32		
TAKE OFF RUN AVAILABLE (TORA)	1707m (5600')	
TAKE OFF DISTANCE AVAILABLE (TODA)	1767m (5797')	1.50%
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	1707m (5600')	
LANDING DISTANCE AVAILABLE (LDA)	1707m (5600')	
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	NIL	

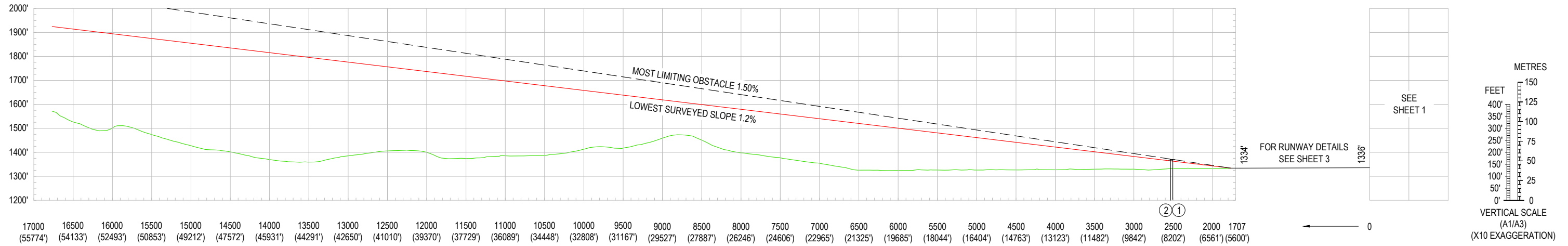
LEGEND	
	LOWEST SURVEYED SLOPE
	GROUND LEVEL
	MOST LIMITING OBSTACLE
	OBSTACLE

**NOTES**

- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (MGA2020) 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 10° 38' E (JUNE 2023)
- AERIAL SURVEY COMPLETED NOVEMBER - DECEMBER 2015.  
GROUND SURVEY CHECKS AND VERIFICATION APRIL 2023.

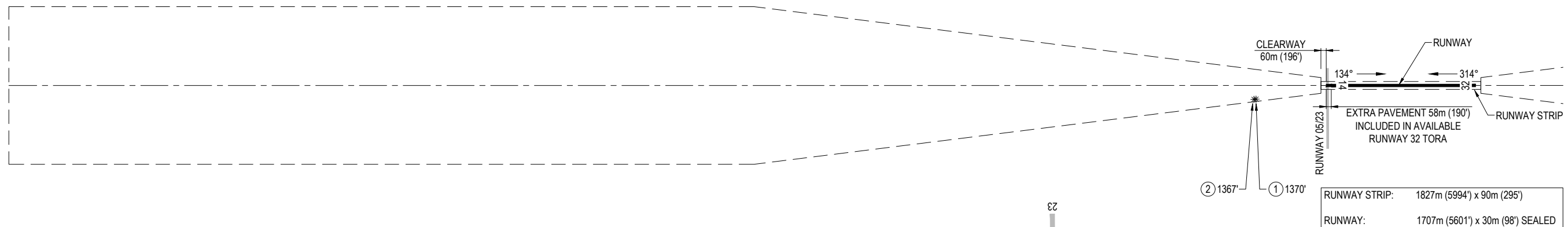
**LEGEND**

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



**RUNWAY 32**

1:25000 (A1) 250 0 500 1000m  
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.

*[Signature]*  
DANIEL GEEVES  
REGISTERED SURVEYOR  
aurecon  
02/09/2024  
DATE



REV	DATE	REVISION DETAILS	APPROVED
A	24.05.24	FOR REVIEW	DG
B	02.09.24	FOR ISSUE	DG



SCALE	SIZE
AS SHOWN	A1/A3

FOR ISSUE	NOT FOR CONSTRUCTION
	DANIEL GEEVES

PROJECT	TITLE
OBSTACLE LIMITATION SURVEYS AND ASSESSMENT ARMY AVIATION CENTRE OAKY	AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED SEPTEMBER 2024 RUNWAY 32 - SHEET 2 OF 9

DRAWING No.	PROJECT No.	WBS	TYPE	DISC	SITE	NUMBER	REV
520002	EST09759	DRG	UU	OAK	003	B	

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

TO BE READ IN CONJUNCTION WITH CURRENT NOTAMS

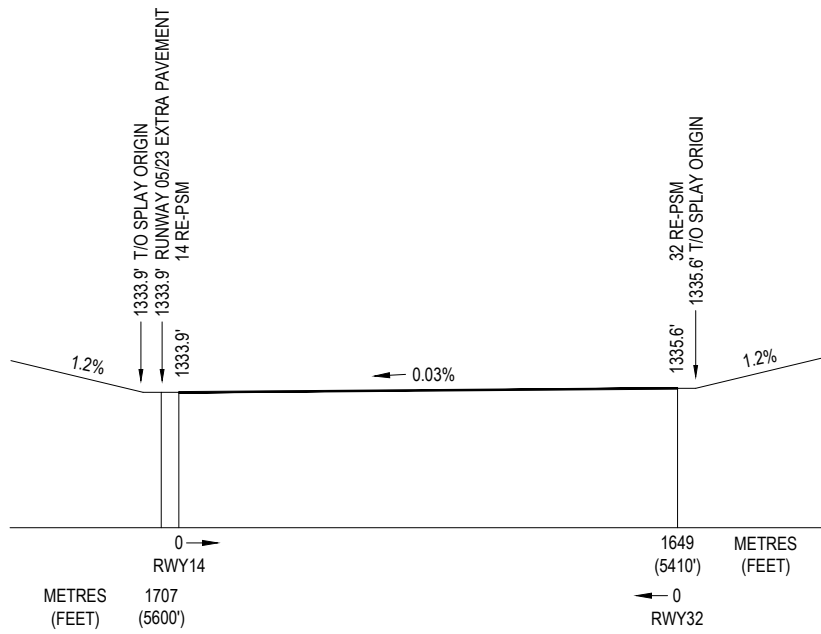
THE ORIGIN OF THE TAKE OFF SURFACE IS LOCATED AT THE END OF THE CLEARWAY.  
DISTANCES COMMENCE FROM THE ARMY AVIATION CENTRE RE-PSM AT THE START OF THE TAKE-OFF RUNWAY (SOT)

DATUM

AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (MGA2020) ZONE 56  
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



14/32 RWY LONGITUDINAL SECTION  
NOT TO SCALE

14 TAKE OFF

REPSM AT START OF TORA (REPSM 14)																					
REF No	GEOGRAPHIC								MGA		ELEVATION		RUNWAY MAGNETIC BEARING			TORA		TODA		ELEVATION AT T.O. ORIGIN	
	LAT				LONG				EASTING	NORTHING	(m)	(Ft)	(DEG)	(MIN)	(SEC)	(m)	(Ft)	(m)	(Ft)	(m)	(Ft)
	DECIMAL DEG	(DEG)	(MIN)	(SEC)	DECIMAL DEG	(DEG)	(MIN)	(SEC)													
	-27.4026569	-27°	24'	9.565"	151.7371009	151°	44'	13.563"	375144.73	6968332.15	406.6	1333.9	134°	27'	37"	1649	5410	1709	5607	407.1	1335.6

OBJECTS THAT APPEAR ON THE CHART																			
REF No	GEOGRAPHIC								MGA		ELEVATION TOP		TYPE OF OBSTACLE	DISTANCE FROM SOT		OFFSET		GRADIENT TO TOP	
	LAT				LONG				EASTING	NORTHING	(m)	(Ft)		(m)	(Ft)	(m)	(Ft)	LEFT/RIGHT	%
	DECIMAL DEG	(DEG)	(MIN)	(SEC)	DECIMAL DEG	(DEG)	(MIN)	(SEC)											
1	-27.415745	-27°	24'	56.68"	151.747333	151°	44'	50.39"	376171.01	6966892.42	408.1	1338.9	ANTENNA	1768.4	5802.0	0.0	0.0	L	1.74
2	-27.416789	-27°	25'	00.43"	151.747419	151°	44'	50.70"	376180.70	6966776.93	411.6	1350.5	ANTENNA ON ILS SHED	1868.1	6129.0	59.1	194.0	R	2.88
3	-27.416218	-27°	24'	58.38"	151.749044	151°	44'	56.55"	376340.70	6966841.78	411.9	1351.4	MOVING	1908.2	6260.5	108.8	357.0	L	2.43
4	-27.417786	-27°	25'	04.02"	151.750676	151°	45'	02.43"	376503.73	6966669.71	412.7	1353.9	MOVING	2143.0	7030.8	141.7	464.9	L	1.29
5	-27.422137	-27°	25'	19.69"	151.753294	151°	45'	11.85"	376767.40	6966190.30	426.2	1398.3	TREE	2686.5	8814.1	78.1	256.3	L	1.96
6	-27.430748	-27°	25'	50.69"	151.756115	151°	45'	22.01"	377055.83	6965239.15	432.5	1418.9	TREE	3628.7	11905.1	239.2	784.7	R	1.32
7	-27.430517	-27°	25'	49.86"	151.757097	151°	45'	25.54"	377152.64	6965265.67	434.3	1424.9	TREE	3663.3	12018.6	144.9	475.5	R	1.39
8	-27.432858	-27°	25'	58.28"	151.757250	151°	45'	26.09"	377170.31	6965006.50	435.2	1427.8	TREE	3884.6	12744.8	281.0	921.9	R	1.29
9	-27.431037	-27°	25'	51.73"	151.763878	151°	45'	49.95"	377823.45	6965214.78	437.6	1435.5	TREE	4094.2	13432.3	371.9	1220.1	L	1.28
10	-27.432049	-27°	25'	55.37"	151.764290	151°	45'	51.44"	377865.33	6965103.05	441.9	1449.9	TREE	4209.5	13810.7	341.1	1119.2	L	1.39
11	-27.432492	-27°	25'	56.97"	151.764015	151°	45'	50.45"	377838.61	6965053.66	444.4	1457.8	TREE	4234.2	13891.7	290.7	953.7	L	1.48
12	-27.449260	-27°	26'	57.33"	151.778873	151°	46'	43.94"	379325.56	6963210.68	487.1	1598.2	TREE	6598.5	21648.7	431.8	1416.7	L	1.64
13	-27.513367	-27°	30'	48.12"	151.826366	151°	49'	34.91"	384086.45	6956154.10	657.7	2157.9	TERRAIN/TREE	15109.9	49573.1	212.6	697.4	L	1.87
14	-27.514044	-27°	30'	50.55"	151.830797	151°	49'	50.86"	384524.81	6956083.25	666.5	2186.6	TERRAIN/TREE	15422.1	50597.4	528.5	1733.8	L	1.89
15	-27.515046	-27°	30'	54.16"	151.830998	151°	49'	51.59"	384545.74	6955972.44	667.2	2189.1	TERRAIN/TREE	15524.5	50933.4	481.2	1578.7	L	1.88
16	-27.517371	-27°	31'	02.53"	151.829983	151°	49'	47.93"	384447.84	6955713.88	681.8	2231.5	ANTENNA/TRIG STATION	15678.2	51437.8	251.3	824.6	L	1.95

32 TAKE OFF

REPSM AT START OF TORA (REPSM 32)																					
REF No	GEOGRAPHIC								MGA		ELEVATION		RUNWAY MAGNETIC BEARING			TORA		TODA		ELEVATION AT T.O. ORIGIN	
	LAT				LONG				EASTING	NORTHING	(m)	(Ft)	(DEG)	(MIN)	(SEC)	(m)	(Ft)	(m)	(Ft)	(m)	(Ft)
	DECIMAL DEG	(DEG)	(MIN)	(SEC)	DECIMAL DEG	(DEG)	(MIN)	(SEC)													
	-27.4148674	-27°	24'	53.523"	151.7466459	151°	44'	47.925"	376102.11	6966989.06	407.1	1335.6	314°	27'	37"	1707	5600	1767	5797	406.6	1333.9

OBJECTS THAT APPEAR ON THE CHART																			
REF No	GEOGRAPHIC								MGA		ELEVATION TOP		TYPE OF OBSTACLE	DISTANCE FROM SOT		OFFSET		GRADIENT TO TOP	
	LAT				LONG				EASTING	NORTHING	(m)	(Ft)		(m)	(Ft)	(m)	(Ft)	LEFT/RIGHT	%
	DECIMAL DEG	(DEG)	(MIN)	(SEC)	DECIMAL DEG	(DEG)	(MIN)	(SEC)											
1	-27.397091	-27°	23'	49.52"	151.730831	151°	43'	50.99"	374518.54	6968942.41	417.7	1370.5	TREE	2510.3	8235.9	155.7	510.9	L	1.50
2	-27.396936	-27°	23'	48.96"	151.730675	151°	43'	50.42"	374502.88	6968959.47	416.7	1367.1	TREE	2533.3	8311.3	158.6	520.2	L	1.32

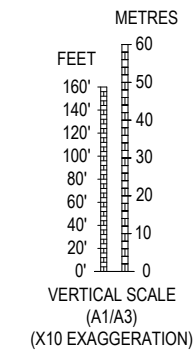
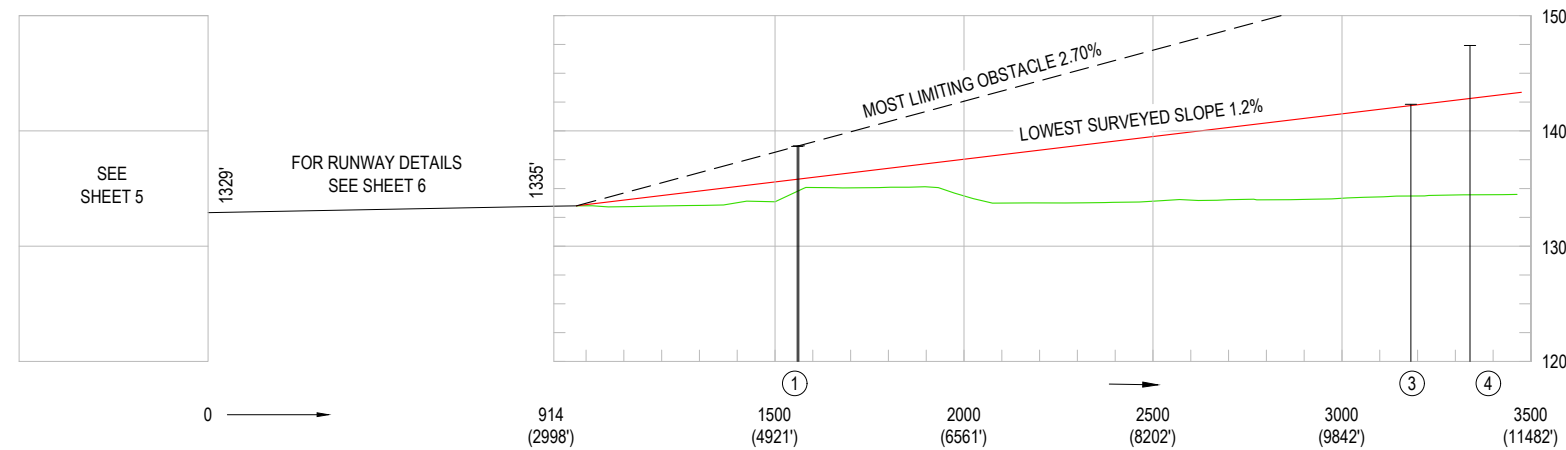
THE TYPE A SURVEY HAS BEEN CONDUCTED IN ACCORDANCE WITH ICAO ANNEX 4 AND DEPARTMENT OF DEFENCE REQUIREMENTS. THE CHART CLEARLY SHOWS THE GRAPHICAL RESULTS OF THE SURVEY AND HAS BEEN CHECKED FOR ACCURACY AND COMPLETENESS OF INFORMATION. THE CHART IS CERTIFIED CORRECT FOR PUBLICATION.

*[Signature]*  
DANIEL GEEVES  
REGISTERED SURVEYOR  
aurecon

02/09/2024  
DATE

DECLARED DISTANCES FOR RUNWAY 05	
TAKE OFF RUN AVAILABLE (TORA)	914m (2999')
TAKE OFF DISTANCE AVAILABLE (TODA)	974m (3195') 2.70%
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	914m (2999')
LANDING DISTANCE AVAILABLE (LDA)	914m (2999')
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	832m (2729') 2.2%, 925m (3034') 2.5%

LEGEND	
	LOWEST SURVEYED SLOPE
	GROUND LEVEL
	MOST LIMITING OBSTACLE
	OBSTACLE



**NOTES**

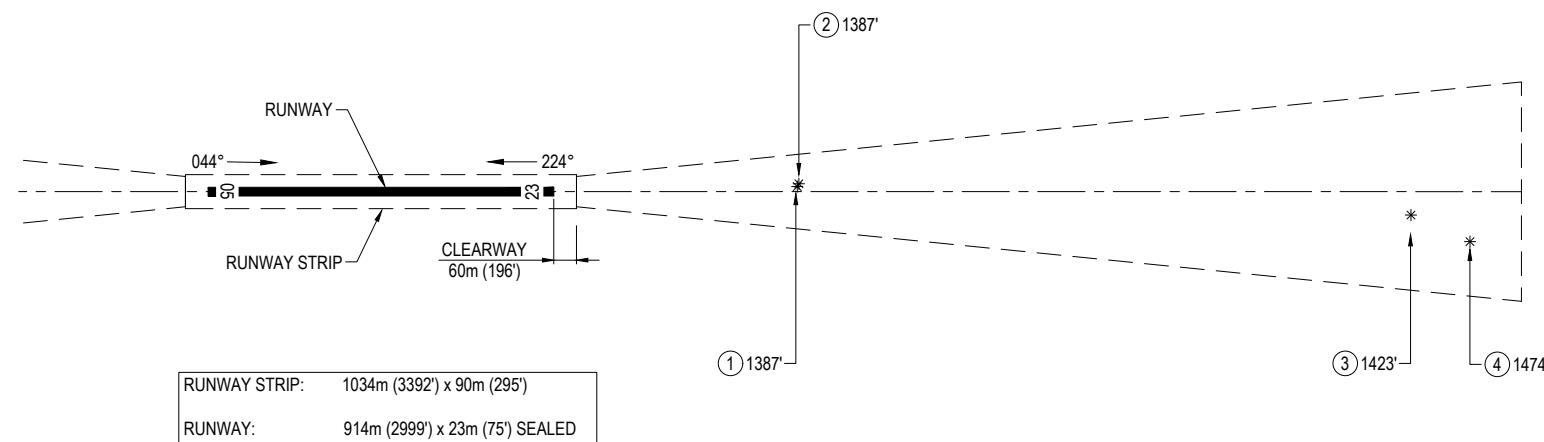
- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (MGA2020) ZONE 56 THE VERTICAL DATUM BEING AHD.
- HORIZONTAL DIMENSIONS IN METRES (FEET) ELEVATIONS IN FEET
- USERS OF THIS CHART SHOULD NOTIFY ANY ERRORS OR OMISSIONS AS SOON AS THEY BECOME APPARENT TO :-  
  
AERONAUTICAL INFORMATION SERVICE - AIR FORCE  
EMAIL: AIS.AF@DEFENCE.GOV.AU
- FOR FURTHER INFORMATION REGARDING THIS CHART CONTACT THE ABOVE
- MAGNETIC 10° 38' E (JUNE 2023)
- AERIAL SURVEY COMPLETED NOVEMBER - DECEMBER 2015.  
GROUND SURVEY CHECKS AND VERIFICATION APRIL 2023.

**LEGEND**

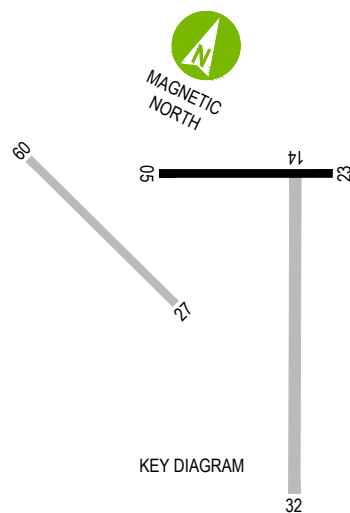
OBSTRUCTIONS AND OBSTACLES	
	OBJECT NUMBER
392	TOP ELEVATION IN FEET
	TREE(S) OR VEGETATION
	BUILDING OR LARGE STRUCTURE
	POLE, TOWER, SPIRE ETC
	ANTENNA
	MOVING (ROADS, RAILWAY TRACKS ETC)
	TERRAIN PENETRATING LOWEST SURVEYED SLOPE
	OVERHEAD TRANSMISSION LINE
	FENCE LINE

**RUNWAY 05 (CODE 2)**

1:10000 (A1)  
1:20000 (A3)  
SCALE 1:10000



RUNWAY 05 SURVEY HAS BEEN ASSESSED BASED ON THE FOLLOWING "CODE 2" TAKE-OFF PARAMETERS:  
LENGTH OF INNER EDGE - 80m  
RATE OF DIVERGENCE (EACH SIDE) - 10%  
FINAL WIDTH - 580m  
OVERALL LENGTH - 2500m



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

02/09/2024  
DATE



www.aurecongroup.com



REV	DATE	REVISION DETAILS	APPROVED	SCALE	SIZE	FOR ISSUE	PROJECT
A	24.05.24	FOR REVIEW	DG	AS SHOWN	A1/A3	NOT FOR CONSTRUCTION	OBSTACLE LIMITATION SURVEYS AND ASSESSMENT ARMY AVIATION CENTRE OAKLEY
B	02.09.24	FOR ISSUE	DG				

DRAWN	APPROVED	DATE	TITLE
MH		02/09/2024	AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED SEPTEMBER 2024 RUNWAY 05 - SHEET 4 OF 9

DRAWING No.	PROJECT No.	WBS	TYPE	DISC	SITE	NUMBER	REV
520002	EST09759	DRG	UU	OAK	005	B	





DECLARED DISTANCES FOR RUNWAY 09		
TAKE OFF RUN AVAILABLE (TORA)	1089m (3573')	
TAKE OFF DISTANCE AVAILABLE (TODA)	1149m (3770')	1.45%
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	1089m (3573')	
LANDING DISTANCE AVAILABLE (LDA)	1089m (3573')	
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	NIL	

**LEGEND**

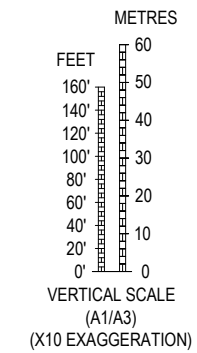
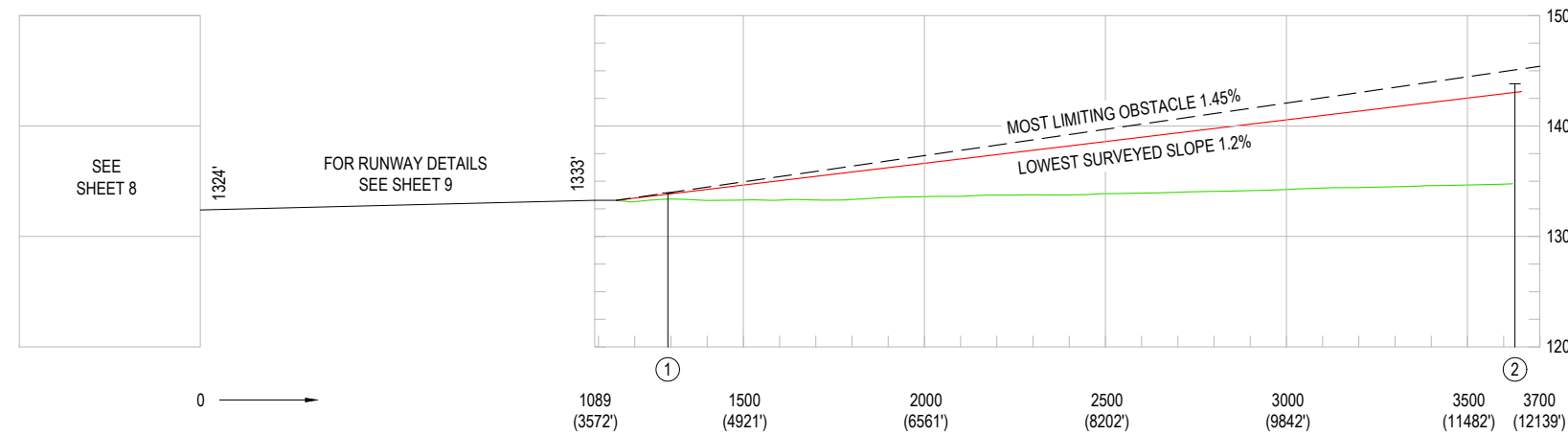
- LOWEST SURVEYED SLOPE
- GROUND LEVEL
- - - MOST LIMITING OBSTACLE
- ① OBSTACLE

**NOTES**

- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (MGA2020) 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 10° 38' E (JUNE 2023)
- AERIAL SURVEY COMPLETED NOVEMBER - DECEMBER 2015. GROUND SURVEY CHECKS AND VERIFICATION APRIL 2023.

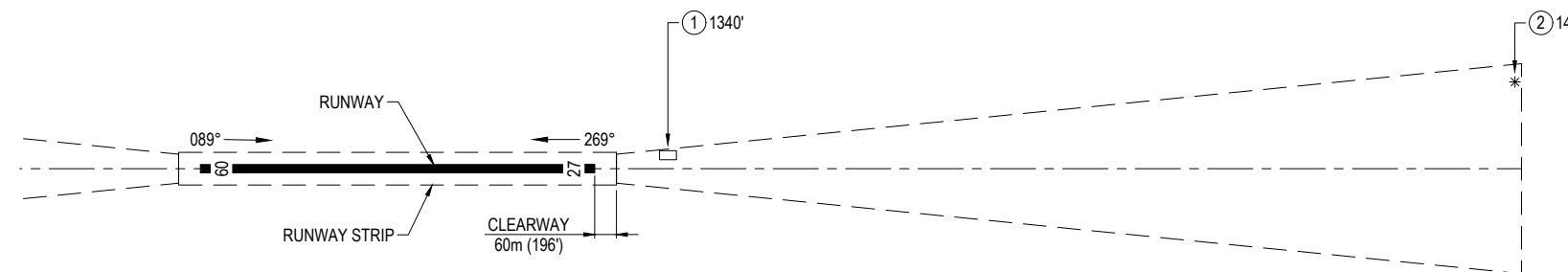
**LEGEND**

- 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



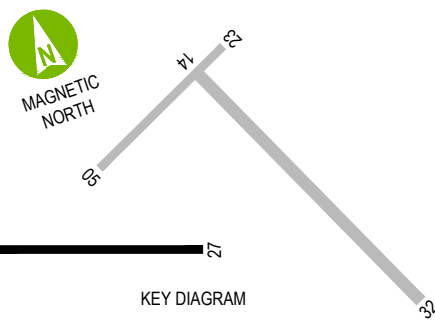
**RUNWAY 09 (CODE 2)**

1:10000 (A1)  
1:20000 (A3)  
SCALE 1:10000



RUNWAY STRIP:	1209m (3966') x 90m (295')
RUNWAY:	1089m (3572') x 23m (75') SEALED

RUNWAY 09 SURVEY HAS BEEN ASSESSED BASED ON THE FOLLOWING "CODE 2" TAKE-OFF PARAMETERS:  
 LENGTH OF INNER EDGE - 80m  
 RATE OF DIVERGENCE (EACH SIDE) - 10%  
 FINAL WIDTH - 580m  
 OVERALL LENGTH - 2500m



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

02/09/2024  
 DATE



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REV	DATE	REVISION DETAILS	APPROVED	SCALE	SIZE	FOR ISSUE	PROJECT
A	24.05.24	FOR REVIEW	DG	AS SHOWN	A1/A3	NOT FOR CONSTRUCTION	OBSTACLE LIMITATION SURVEYS AND ASSESSMENT ARMY AVIATION CENTRE OAKLEY
B	02.09.24	FOR ISSUE	DG				

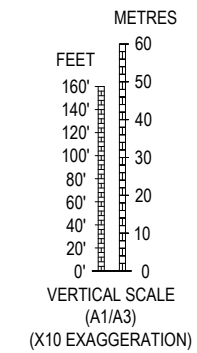
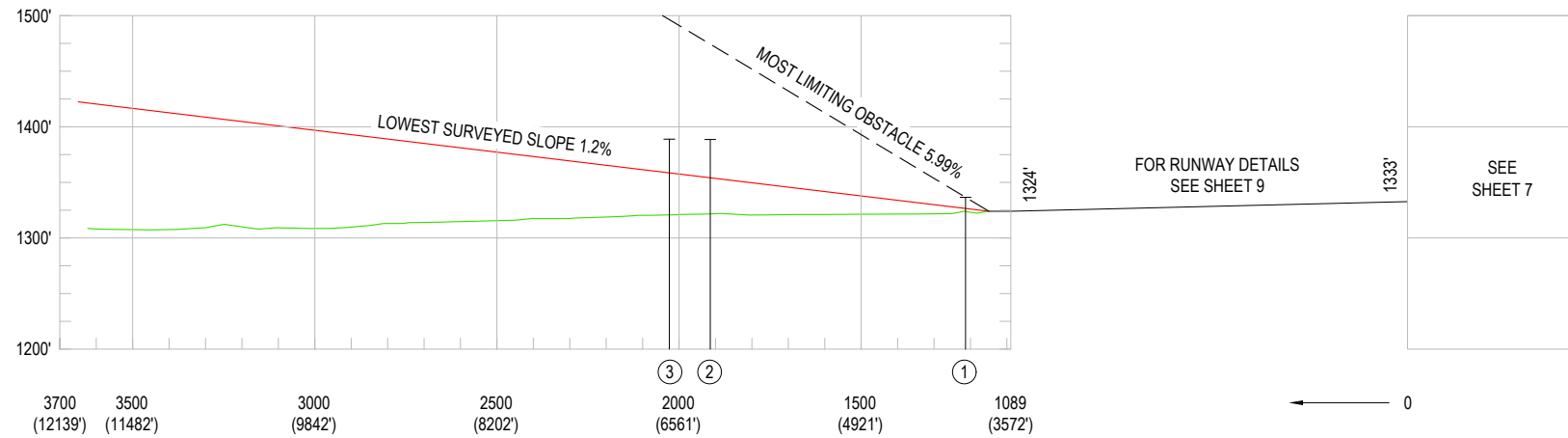
DRAWN	APPROVED	DATE	TITLE
MH	<i>[Signature]</i>	02/09/2024	AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED SEPTEMBER 2024 RUNWAY 09 - SHEET 7 OF 9

CHECKED	PROJECT No.	WBS	TYPE	DISC	SITE	NUMBER	REV
GH	520002	EST09759	DRG	UU	OAK	008	B



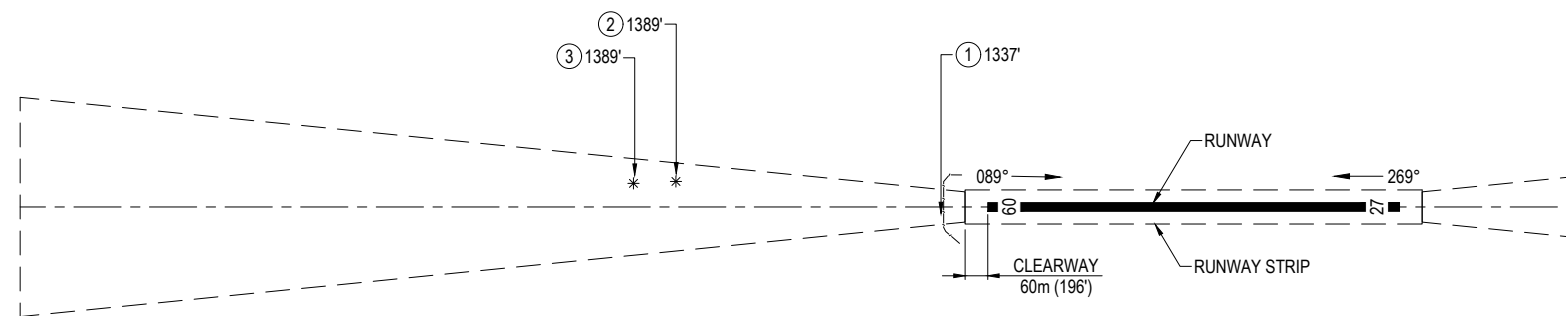
DECLARED DISTANCES FOR RUNWAY 27	
TAKE OFF RUN AVAILABLE (TORA)	1089m (3573')
TAKE OFF DISTANCE AVAILABLE (TODA)	1149m (3770') 5.99%
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	1089m (3573')
LANDING DISTANCE AVAILABLE (LDA)	1089m (3573')
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	908m (2979') 1.9%, 949m (3113') 2.0%, 1032m (3385') 2.2%, 1065m (3494') 2.5%, 1097m (3599') 3.3%, 1136m (3727') 5.0%

LEGEND	
	LOWEST SURVEYED SLOPE
	GROUND LEVEL
	MOST LIMITING OBSTACLE
	OBSTACLE



### RUNWAY 27 (CODE 2)

1:10000 (A1)  
1:20000 (A3)  
SCALE 1:10000



RUNWAY STRIP:	1209m (3966') x 90m (295')
RUNWAY:	1089m (3572') x 23m (75') SEALED

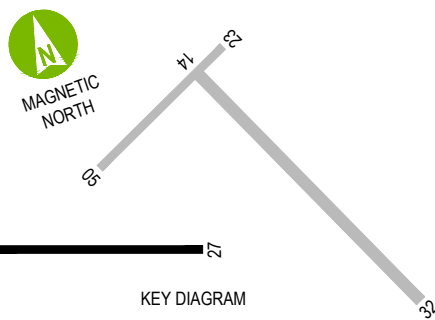
RUNWAY 27 SURVEY HAS BEEN ASSESSED BASED ON THE FOLLOWING "CODE 2" TAKE-OFF PARAMETERS:  
LENGTH OF INNER EDGE - 80m  
RATE OF DIVERGENCE (EACH SIDE) - 10%  
FINAL WIDTH - 580m  
OVERALL LENGTH - 2500m

### NOTES

- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (MGA2020) 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 10° 38' E (JUNE 2023)
- AERIAL SURVEY COMPLETED NOVEMBER - DECEMBER 2015.  
GROUND SURVEY CHECKS AND VERIFICATION APRIL 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



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

02/09/2024  
DATE



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