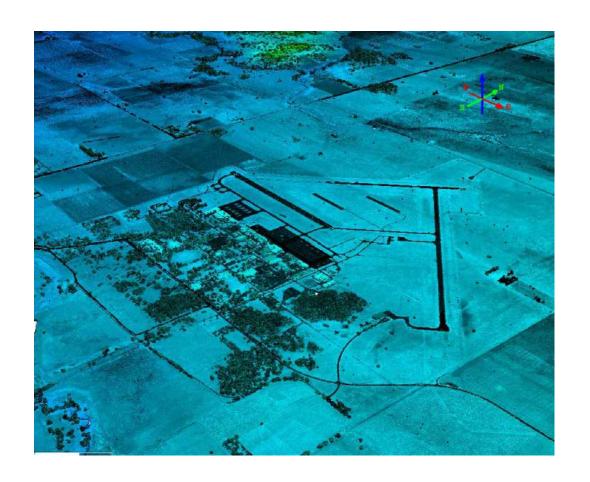
OBSTACLE LIMITATION SURVEYS AND ASSESSMENT

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

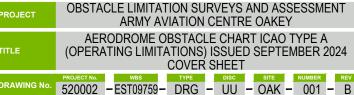


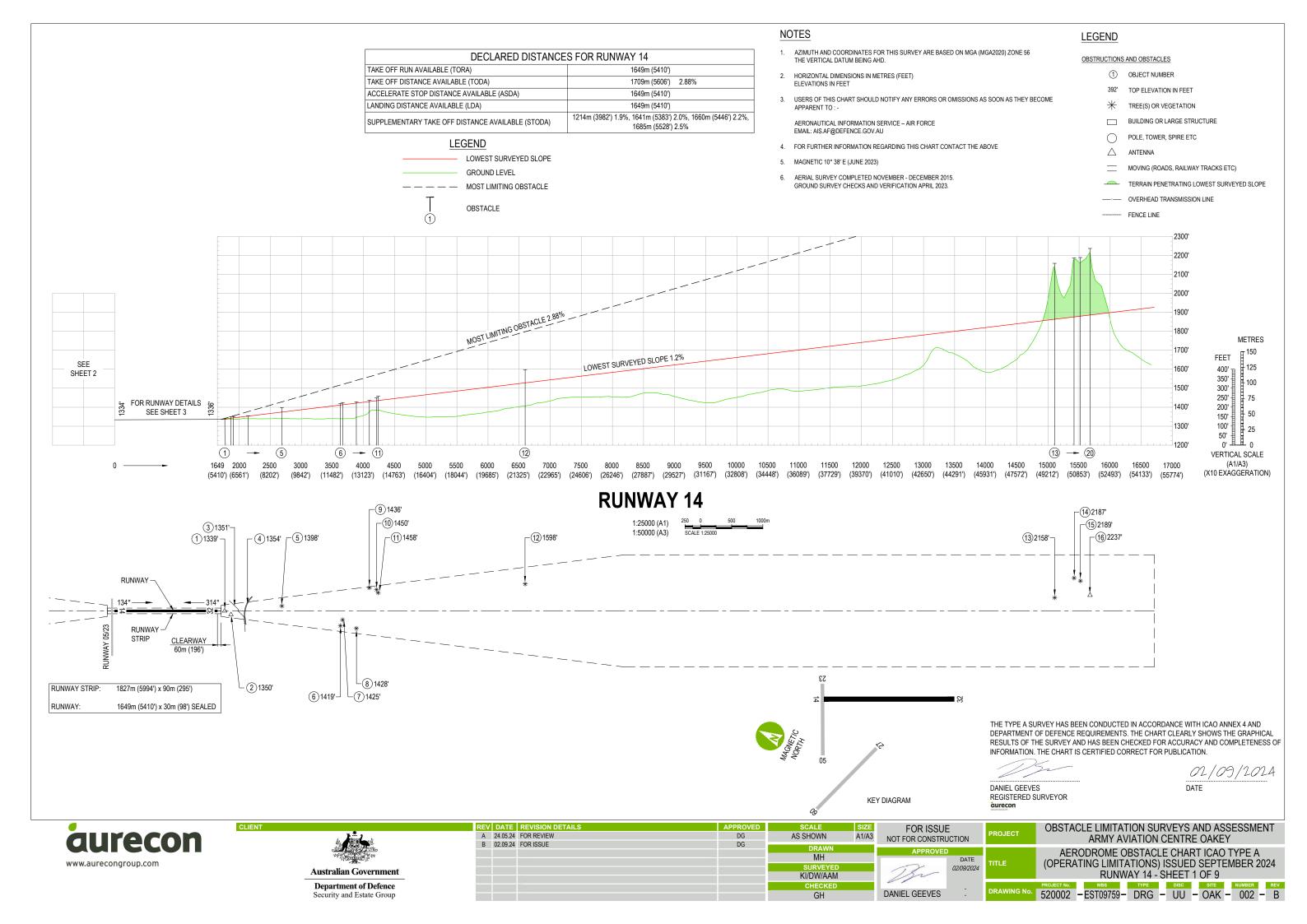


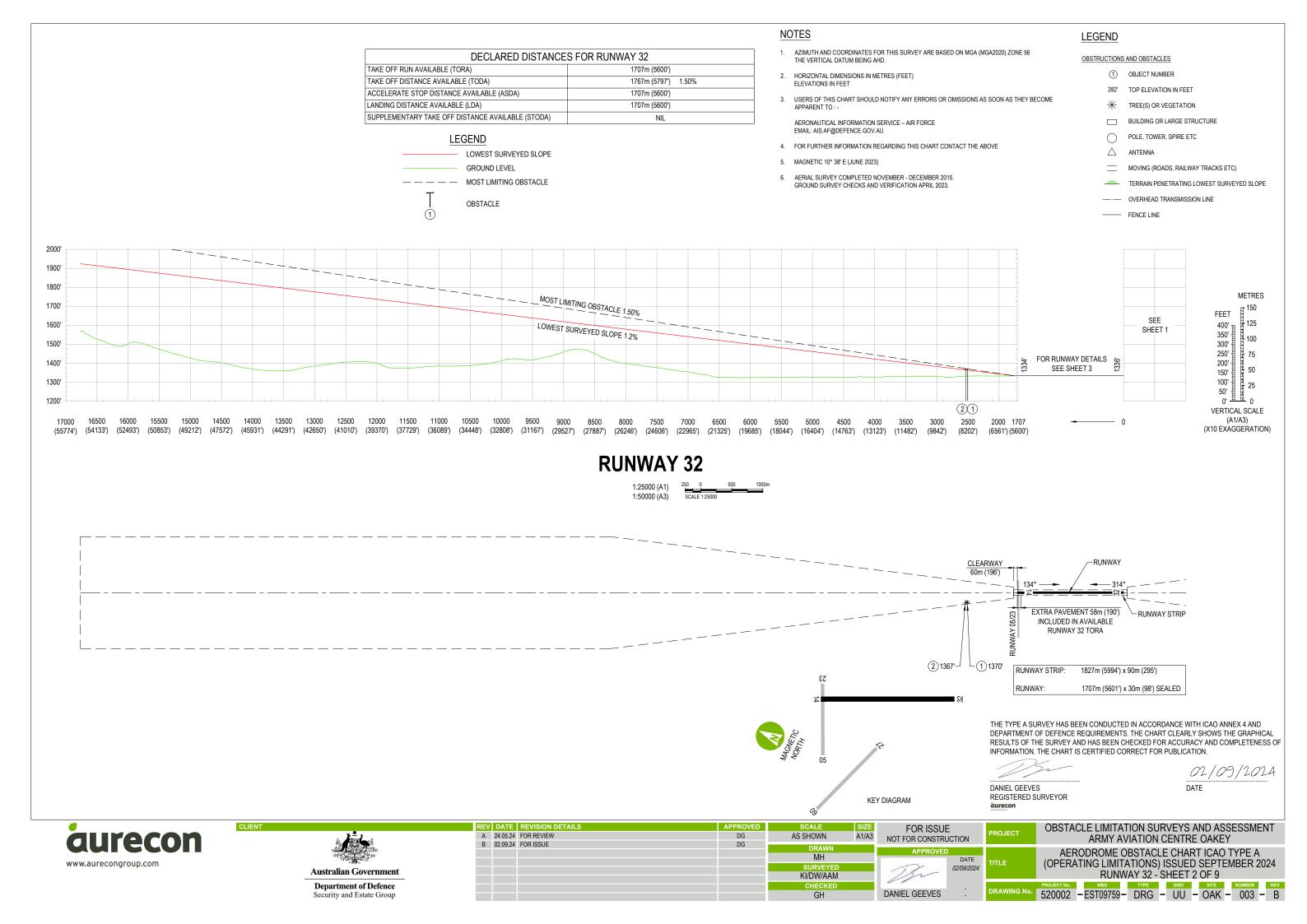


ΙΤΕ	REVISION DETAILS	APPROVED	SCALE	SI
)5.24	FOR REVIEW	DG	AS SHOWN	A1/
9.24	FOR ISSUE	DG	DRAWN	
			MH	
			SURVEYED	
			KI/DW/AAM	
			CHECKED	
			GH	









DEPARTMENT OF DEFENCE

SECURITY AND ESTATE GROUP

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

TO BE READ IN CONJUNCTION WITH CURRENT NOTAMS

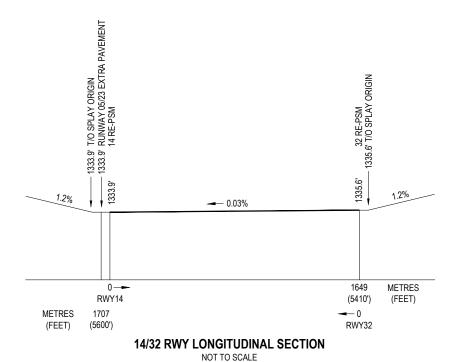
THE ORIGIN OF THE TAKE OFF SURFACE IS LOCATED AT THE END OF THE CLEARWAY. DISTANCES COMMENCE FROM THE ARMY AVIATION CENTRE RE-PSM AT THE START OF THE TAKE-OFF RUNWAY (SOT)

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	TAKE (OFF										
					REPSM AT STAR	T OF TOR	A (REPSI	Л 14)					RUN	WAY MA	SNETIC		ND 4		.D.A	ELEVATIO	N AT T.O.
				GEOG	RAPHIC				N	1GA	ELEV	ATION		BEARIN	G .	10	DRA	10	DA	ORI	GIN
		LAT				LONG	i		5.0TING	NORTHING	()	(54)	(DEC)	(5.4151)	(65.6)	()	(54)	()	(54)	()	(54)
	DECIMAL DEG	(DEG)	(MIN)	(SEC)	DECIMAL DEG	(DEG)	(MIN)	(SEC)	EASTING	NORTHING	(m)	(Ft)	(DEG)	(MIN)	(SEC)	(m)	(Ft)	(m)	(Ft)	(m)	(Ft)
	-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 T	HAT APPEAR O	N THE CH	IART									
				GEOG	RAPHIC				N	FIFVAT	ION TOP					CE FROM		OFFS	FT	GRADIENT	
REF No		LAT				LONG			EASTING	NORTHING			TYPE OF OBSTACLE			S	ОТ				ТО ТОР
	DECIMAL DEG	(DEG)	(MIN)	(SEC)	DECIMAL DEG	(DEG)	(MIN)	(SEC)	LASTING	Nomining	(m)	(Ft)				(m)	(Ft)	(m)	(Ft)	LEFT/RIGHT	%
1	-27.415745	-27°	24'	56.68"	151.747333	151°	44'	50.39"	376171.01	6966892.42	408.1	1338.9		ANTENN	Α	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	ANTE	NNA ON	LS 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		MOVIN	3	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		MOVIN	3	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	TI	ERRAIN/T	REE	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	TI	ERRAIN/T	REE	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	TI	ERRAIN/T	REE	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	ANTEN	INA/TRIG	STATION	15678.2	51437.8	251.3	824.6	L	1.95

									32	2 TAKE (OFF										
					REPSM AT STAR	T OF TOR	RA (REPSN	л 32)			RUNWAY MAGNETIC			TC	ND 4	TODA		ELEVATIO	ELEVATION AT T.O.		
	GEOGRAPHIC								MGA		ELEV	ATION		BEARING	ŝ	TORA		TODA		ORI	GIN
		LAT				LONG	ì		EASTING	NORTHING	(m)	(Ft)	(DEG)	(DEG) (MIN)		(m)	(Ft)	(m)	(Ft)	(m)	(Ft)
	DECIMAL DEG	(DEG)	(MIN)	(SEC)	DECIMAL DEG	(DEG)	(MIN)	(SEC)	EASTING	NOKIHING	(111)	(1 ()	(DLG)	(IVIIIV)	(SEC)	(111)	(1 t)	(111)	(11)	(111)	(11)
	-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
	27.4440074 27 21 35.525 151.740455 152 11 7.5									HAT APPEAR O	N THE CH	HART									
				GEOG	RAPHIC				N	1GA	ELEV/AT	ION TOP				DISTANO	CE FROM		OFFSI	:т	GRADIENT
REF No		LAT				LONG	ì		EASTING	NORTHING	LLLVAI	ELEVATION TOP		E OF OBS	TACLE	S	TC		01131	-!	TO TOP
	DECIMAL DEG	(DEG)	(MIN)	(SEC)	DECIMAL DEG	(DEG)	(MIN)	(SEC)	LASTING	NORTHING	(m)	(Ft)				(m)	(Ft)	(m)	(Ft)	LEFT/RIGHT	%
1	1 -27.397091 -27° 23' 49.52" 151.730831 151° 43' 50.99" 374518.54 696894		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.

DANIEL GEEVES REGISTERED SURVEYOR

DATE

aurecon

FOR ISSUE

NOT FOR CONSTRUCTION

DANIEL GEEVES

02/09/2024

aurecon www.aurecongroup.com

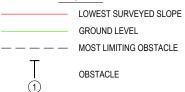


REV	DATE	REVISION DETAILS	APPROVED	SCALE	SIZE
Α	24.05.24	FOR REVIEW	DG	AS SHOWN	A1/A3
В	02.09.24	FOR ISSUE	DG	DRAWN	
				MH	
				SURVEYED	
				KI/DW/AAM	
				CHECKED	
				GH	

OBSTACLE LIMITATION SURVEYS AND ASSESSMENT ARMY AVIATION CENTRE OAKEY AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED SEPTEMBER 2024 RUNWAY 14/32 - SHEET 3 OF 9

520002 -EST09759- DRG - UU - OAK - 004 - B

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%									



NOTES

- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (MGA2020) ZONE 56 THE VERTICAL DATUM BEING AHD.
- 2. HORIZONTAL DIMENSIONS IN METRES (FEET) ELEVATIONS IN FEET
- 3. 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
- 4. FOR FURTHER INFORMATION REGARDING THIS CHART CONTACT THE ABOVE
- 5. MAGNETIC 10° 38' E (JUNE 2023)
- 6. AERIAL SURVEY COMPLETED NOVEMBER DECEMBER 2015. GROUND SURVEY CHECKS AND VERIFICATION APRIL 2023.

LEGEND

OBSTRUCTIONS AND OBSTACLES

OBJECT NUMBER

392' TOP ELEVATION IN FEET

BUILDING OR LARGE STRUCTURE

TREE(S) OR VEGETATION

O POLE, TOWER, SPIRE ETC

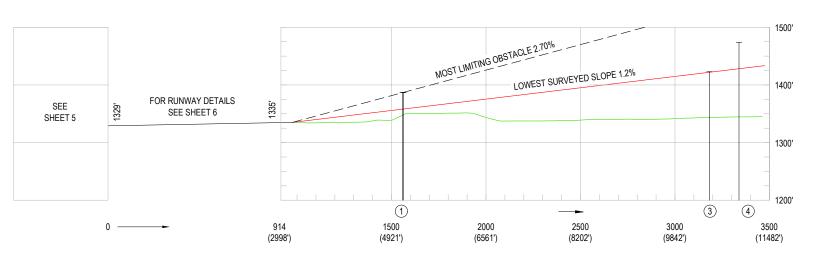
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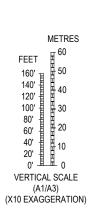
— MOVING (ROADS, RAILWAY TRACKS ETC)

TERRAIN PENETRATING LOWEST SURVEYED SLOPE

--- OVERHEAD TRANSMISSION LINE

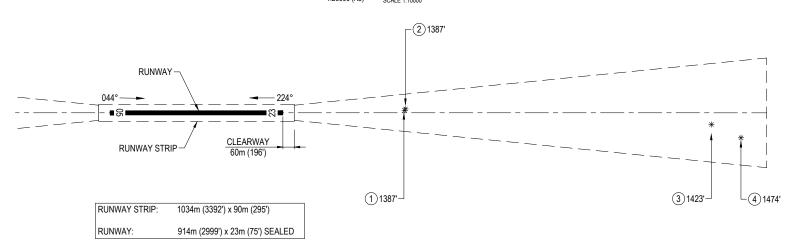
---- FENCE LINE





RUNWAY 05 (CODE 2)





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
äurecon

02/09/2024 DATE

aurecongroup.com

KEY DIAGRAM



REV	DATE	REVISION DETAILS	APPROVED	SCALE
Α	24.05.24	FOR REVIEW	DG	AS SHOWN
В	02.09.24	FOR ISSUE	DG	DRAWN
				MH
				SURVEYED
				KI/DW/AAM
				CHECKED
				GH



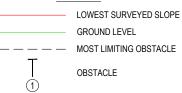
DANIEL GEEVES

OBSTACLE LIMITATION SURVEYS AND ASSESSMENT
ARMY AVIATION CENTRE OAKEY

AERODROME OBSTACLE CHART ICAO TYPE A
(OPERATING LIMITATIONS) ISSUED SEPTEMBER 2024
RUNWAY 05 - SHEET 4 OF 9

520002 -EST09759- DRG - UU - OAK - 005 - B

DECLARED DISTANCE	S FOR RUNWAY 23
TAKE OFF RUN AVAILABLE (TORA)	914m (2999')
TAKE OFF DISTANCE AVAILABLE (TODA)	974m (3195') 1.36%
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	914m (2999')
LANDING DISTANCE AVAILABLE (LDA)	914m (2999')
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	NIL



NOTES

- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (MGA2020) ZONE 56 THE VERTICAL DATUM BEING AHD.
- 2. HORIZONTAL DIMENSIONS IN METRES (FEET) ELEVATIONS IN FEET
- 3. USERS OF THIS CHART SHOULD NOTIFY ANY ERRORS OR OMISSIONS AS SOON AS THEY BECOME
 - AERONAUTICAL INFORMATION SERVICE AIR FORCE EMAIL: AIS.AF@DEFENCE.GOV.AU
- 4. FOR FURTHER INFORMATION REGARDING THIS CHART CONTACT THE ABOVE
- 5. 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

TOP ELEVATION IN FEET

TREE(S) OR VEGETATION

POLE, TOWER, SPIRE ETC

 \triangle ANTENNA

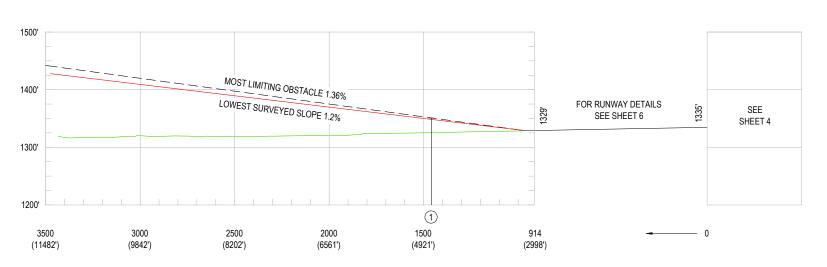
MOVING (ROADS, RAILWAY TRACKS ETC)

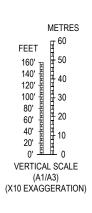
TERRAIN PENETRATING LOWEST SURVEYED SLOPE

BUILDING OR LARGE STRUCTURE

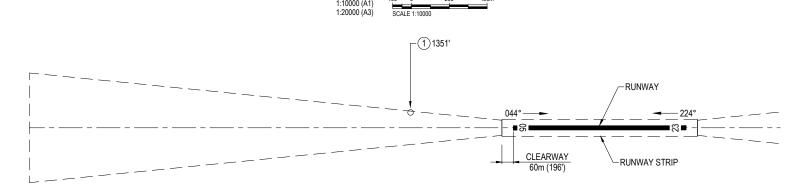
OVERHEAD TRANSMISSION LINE

---- FENCE LINE





RUNWAY 23 (CODE 2)



RUNWAY STRIP: 1034m (3392') x 90m (295') 914m (2999') x 23m (75') SEALED

RUNWAY 23 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

DATE

Australian Government Department of Defence Security and Estate Group

ΕV	DATE	REVISION DETAILS	APPROVED	SCALE	SIZ
Α	24.05.24	FOR REVIEW	DG	AS SHOWN	A1/
В	02.09.24	FOR ISSUE	DG	DRAWN MH	
				SURVEYED	
				KI/DW/AAM	
				CHECKED	

FOR ISSUE NOT FOR CONSTRUCTION 02/09/2024

DANIEL GEEVES

OBSTACLE LIMITATION SURVEYS AND ASSESSMENT ARMY AVIATION CENTRE OAKEY

AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED SEPTEMBER 2024 RUNWAY 23 - SHEET 5 OF 9

520002 -EST09759- DRG - UU - OAK - 006 - B



KEY DIAGRAM

DEPARTMENT OF DEFENCE

SECURITY AND ESTATE GROUP

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

TO BE READ IN CONJUNCTION WITH CURRENT NOTAMS

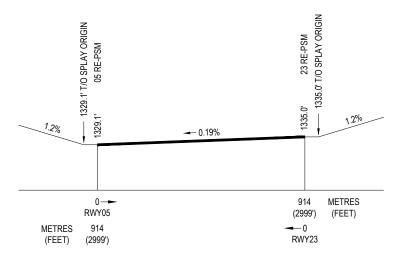
THE ORIGIN OF THE TAKE OFF SURFACE IS LOCATED AT THE END OF THE CLEARWAY. DISTANCES COMMENCE FROM THE ARMY AVIATION CENTRE RE-PSM AT THE START OF THE TAKE-OFF RUNWAY (SOT)

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 80m
- RATE OF DIVERGENCE OF SPLAY (EACH SIDE) 10.0%
- FINAL WIDTH 580m
- OVERALL LENGTH 2500m



05/23 RWY LONGITUDINAL SECTION NOT TO SCALE

									05	TAKE O	FF										
	REPSM AT START OF TORA (REPSM 05) RUNWAY MAGNETIC TORA TODA ELEVATION A OCCUPANT TODA											N AT T.O.									
	GEOGRAPHIC								M	IGA	ELEVA	ATION		BEARING	i .	10	JKA	'0	DA	ORI	GIN
		LAT				LONG	i		EASTING NORTHING (r			(Ft)	(DEG) (MIN)	(SEC)	(m)	(Ft)	(m)	(Ft)	(m)	(Ft)	
	DECIMAL DEG	(DEG)	(MIN)	(SEC)	DECIMAL DEG	(DEG)	(MIN)	(SEC)	EASTING	NORTHING	(m)	(1 t)	(DLG)	(101114)	(SLC)	(111)	(1 t)	(111)	(11)	(111)	(1 t)
	-27.4060723	-27°	24'	21.860"	151.7308946	151°	43'	51.220"	374534.94	6967947.56	405.1	1329.1	44°	15'	39"	914	2999	974	3195	406.9	1335.0
	OBJECTS THAT APPEAR ON THE CHART																				
				GEOG	RAPHIC				M	ELEV/AT	ION TOP					CE FROM		OFFSE	т	GRADIENT	
REF No		LAT				LONG	i		EASTING	NORTHING	LLLVAI	ION TOP	TYPE OF OBSTACLE			SOT			OITSL	. !	TO TOP
	DECIMAL DEG	(DEG)	(MIN)	(SEC)	DECIMAL DEG	(DEG)	(MIN)	(SEC)	EASTING	NORTHING	(m)	(Ft)				(m)	(Ft)	(m)	(Ft)	LEFT/RIGHT	%
1	-27.397883	-27°	23'	52.38"	151.743714	151°	44'	37.37"	375793.25	6968867.59	422.6	1386.5		TREE		1559.0	5115.0	13.4	43.9	L	2.69
2	-27.397806	-27°	23'	52.10"	151.743706	151°	44'	37.34"	375792.38	6968876.10	422.8	1387.1		TREE		1563.3	5129.0	20.8	68.2	L	2.70
3	-27.390010	-27°	23'	24.03"	151.757584	151°	45'	27.30"	377155.97	6969753.58	433.8	1423.1		TREE		3183.1	10443.1	61.8	202.9	R	1.22
4	-27.389718	-27°	23'	22.98"	151.759287	151°	45'	33.43"	377324.00	6969787.57	449.3	1474.1		TREE		3339.4	10956.1	132.2	433.9	R	1.79

	23 TAKE OFF																				
					REPSM AT STAF	RT OF TO	RA (REPS	M 23)					RUN\	NAY MAG	ENETIC	т/	DB A	то	DA	ELEVATIO	N AT T.O.
	GEOGRAPHIC									GA	ELEV	ATION	BEARING			TORA		TODA		ORI	GIN
		LAT				LONG	i		EASTING	NORTHING	(m)	(Ft)	(DEG)	(MIN)	(SEC)	(m)	(Ft)	(m)	(Ft)	(m)	(Ft)
	DECIMAL DEG	(DEG)	(MIN)	(SEC)	DECIMAL DEG	(DEG)	(MIN)	(SEC)	EASTING	NORTHING	(111)	(11)	(DLG)	(IVIIIV)	(SLC)	(111)	(1 t)	(111)	(11)	(111)	(1 t)
	-27.4013249	-27°	24'	4.770"	151.7384630	151°	44'	18.467"	375277.91	6968481.07	406.8	1334.7	224°	15'	39"	914	2999	974	3195	405.1	1329.1
									OBJECTS TH	AT APPEAR ON	THE CHAI	RT									
				GEOG	RAPHIC				М	GA	ELEVAT	ION TOP					CE FROM		OFFSE	:т	GRADIENT
REF No		LAT				LONG	i		EASTING	NORTHING	LLLVAI	ION TOP	TYPI	E OF OBS	TACLE	S	ОТ		01131	.!	TO TOP
	DECIMAL DEG	(DEG)	(MIN)	(SEC)	DECIMAL DEG	(DEG)	(MIN)	(SEC)	LASTING	NOKITIING	(m)	(Ft)				(m)	(Ft)	(m)	(Ft)	LEFT/RIGHT	%
1	-27.408295	-27°	24'	29.86"	151.725926	151°	43'	33.33"	374046.19	6967696.33	411.7	1350.7	,	WINDSO	CK	1458.5	4785.2	81.0	265.9	R	1.36

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

DATE

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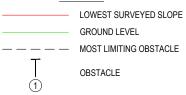
REV	DATE	REVISION DETAILS	APPROVED	SCALE	SIZE
Α	24.05.24	FOR REVIEW	DG	AS SHOWN	A1/A3
В	02.09.24	FOR ISSUE	DG	DRAWN	
				MH	
				SURVEYED	
				KI/DW/AAM	
				CHECKED	
				GH	

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

OBSTACLE LIMITATION SURVEYS AND ASSESSMENT ARMY AVIATION CENTRE OAKEY

AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED SEPTEMBER 2024 RUNWAY 05/23 - SHEET 6 OF 9 PROJECT No. WES TYPE DISC SITE NUMBER REV 520002 - EST09759 - DRG - UU - OAK - 007 - B

DECLARED DISTANCE	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									



NOTES

- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (MGA2020) ZONE 56 THE VERTICAL DATUM BEING AHD.
- 2. HORIZONTAL DIMENSIONS IN METRES (FEET) ELEVATIONS IN FEET
- 3. USERS OF THIS CHART SHOULD NOTIFY ANY ERRORS OR OMISSIONS AS SOON AS THEY BECOME
 - AERONAUTICAL INFORMATION SERVICE AIR FORCE EMAIL: AIS.AF@DEFENCE.GOV.AU
- 4. FOR FURTHER INFORMATION REGARDING THIS CHART CONTACT THE ABOVE
- 5. 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

TOP ELEVATION IN FEET

TREE(S) OR VEGETATION BUILDING OR LARGE STRUCTURE

POLE, TOWER, SPIRE ETC

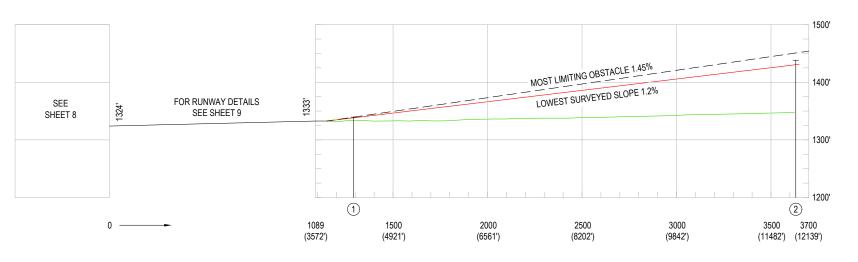
 \triangle ANTENNA

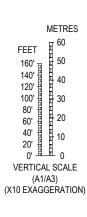
MOVING (ROADS, RAILWAY TRACKS ETC)

TERRAIN PENETRATING LOWEST SURVEYED SLOPE

OVERHEAD TRANSMISSION LINE

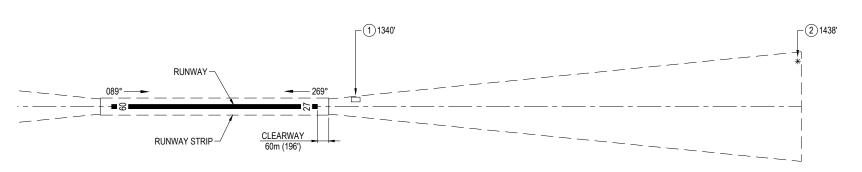
----- FENCE LINE



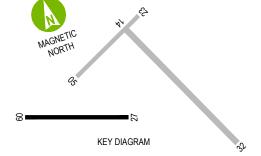


RUNWAY 09 (CODE 2)





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



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

DANIEL GEEVES REGISTERED SURVEYOR

DATE

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REV	DATE	REVISION DETAILS	APPROVED	SCALE	SIZE
Α	24.05.24	FOR REVIEW	DG	AS SHOWN	A1/A3
В	02.09.24	FOR ISSUE	DG	DRAWN	
				MH	
				SURVEYED	
				KI/DW/AAM	
				CHECKED	
				GH	

NOT FOR CONSTRUCTION						
APPROVED)					
Br	DATE 02/09/2024	1				
DANIEL GEEVES	-	ı				

EUD ISSUE

OBSTACLE LIMITATION SURVEYS AND ASSESSMENT ARMY AVIATION CENTRE OAKEY AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED SEPTEMBER 2024 RUNWAY 09 - SHEET 7 OF 9

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%								



NOTES

- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (MGA2020) ZONE 56 THE VERTICAL DATUM BEING AHD.
- 2. HORIZONTAL DIMENSIONS IN METRES (FEET) ELEVATIONS IN FEET
- 3. USERS OF THIS CHART SHOULD NOTIFY ANY ERRORS OR OMISSIONS AS SOON AS THEY BECOME
 - AERONAUTICAL INFORMATION SERVICE AIR FORCE EMAIL: AIS.AF@DEFENCE.GOV.AU
- 4. FOR FURTHER INFORMATION REGARDING THIS CHART CONTACT THE ABOVE
- 5. 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

TOP ELEVATION IN FEET

TREE(S) OR VEGETATION BUILDING OR LARGE STRUCTURE

POLE, TOWER, SPIRE ETC

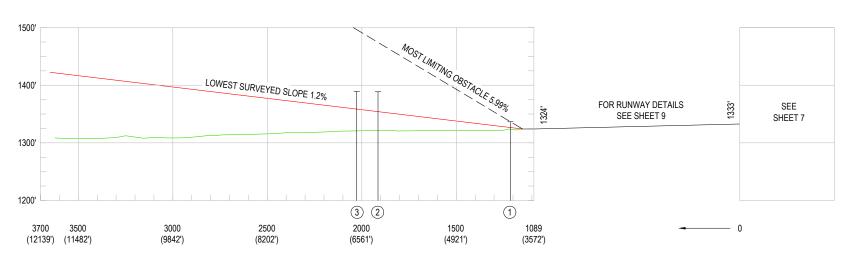
 \triangle ANTENNA

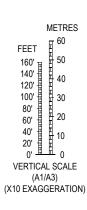
MOVING (ROADS, RAILWAY TRACKS ETC)

TERRAIN PENETRATING LOWEST SURVEYED SLOPE

OVERHEAD TRANSMISSION LINE

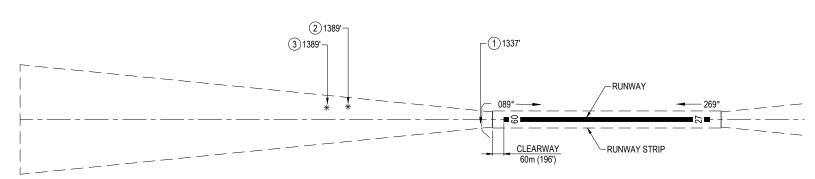
----- FENCE LINE





RUNWAY 27 (CODE 2)





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

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

DATE

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KEY DIAGRAM



٧	DATE	REVISION DETAILS	APPROVED	SCALE
		FOR REVIEW	DG	AS SHOWN
	02.09.24	FOR ISSUE	DG	DRAWN
				MH
				SURVEYED
				KI/DW/AAM
				CHECKED
				GH

A1/A3

OBSTACLE LIMITATION SURVEYS AND ASSESSMENT ARMY AVIATION CENTRE OAKEY AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED SEPTEMBER 2024 RUNWAY 27 - SHEET 8 OF 9

520002 -EST09759- DRG - UU - OAK - 009 - B

DEPARTMENT OF DEFENCE

SECURITY AND ESTATE GROUP

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

TO BE READ IN CONJUNCTION WITH CURRENT NOTAMS

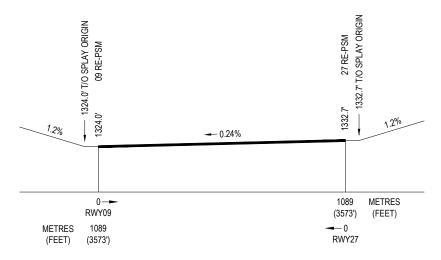
THE ORIGIN OF THE TAKE OFF SURFACE IS LOCATED AT THE END OF THE CLEARWAY. DISTANCES COMMENCE FROM THE ARMY AVIATION CENTRE RE-PSM AT THE START OF THE TAKE-OFF RUNWAY (SOT)

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 80m
- RATE OF DIVERGENCE OF SPLAY (EACH SIDE) 10.0%
- FINAL WIDTH 580m
- OVERALL LENGTH 2500m



09/27 RWY LONGITUDINAL SECTION NOT TO SCALE

									09 7	ΓAKE OF	F										
REPSM AT START OF TORA (REPSM 09)														RUNWAY MAGNETIC		TORA		TODA		ELEVATIO	N AT T.O.
	GEOGRAPHIC							N	MGA ELEV		ATION	BEARING		IORA		TODA		ORIO	GIN		
	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)	LASTING	NORTHING	(111)	(1)	(DEG)	(101114)	(SEC)	(111)	(1)	(111)	(1 t)	(111)	(1)
	-27.4090861	-27°	24'	32.710"	151.7247339	151°	43'	29.042"	373929.26	6967607.44	403.6	1324.0	88°	56'	02"	914	2999	974	3195	406.2	1332.7
								(OBJECTS THAT	APPEAR ON TI	HE CHAR	Т									
	GEOGRAPHIC								MGA		ELEVATION TOP				DISTANCE FROM		OFFSET		ET	GRADIENT	
REF No		LAT			LONG			EASTING	NORTHING		TYPE OF OBSTACLE			SOT		OITSET			TO TOP		
	DECIMAL DEG	(DEG)	(MIN)	(SEC)	DECIMAL DEG	(DEG)	(MIN)	(SEC)	LASTING	NORTHING	(m)	(Ft)				(m)	(Ft)	(m)	(Ft)	LEFT/RIGHT	%
1	-27.410695	-27°	24'	38.50"	151.737677	151°	44'	15.63"	375210.70	6967442.30	408.3	1339.5		SHED		1291.8	4238.1	37.2	121.9	L	1.45
2	-27.412404	-27°	24'	44.65"	151.761352	151°	45'	40.86"	377553.27	6967276.50	438.4	1438.3		TREE		3632.0	11915.9	239.6	786.0	L	1.30
			·																		

	27 TAKE OFF																				
	DEDCAM AT CTART OF TORA (DEDCAM 27)										RUNWAY MAGNETIC		TORA		то	DA	ELEVATION AT				
	GEOGRAPHIC							M	IGA	ELEVA	ATION	BEARING		TORA		TODA		ORIO	GIN		
	LAT LONG				EASTING NORT	NORTHING	(m)	(Ft)	(DEG)	(MIN)	(SEC)	(m)	(Ft)	(m)	(Ft)	(m)	(Ft)				
	DECIMAL DEG	(DEG)	(MIN)	(SEC)	DECIMAL DEG	(DEG)	(MIN)	(SEC)	EASTING	NORTHING	(111)	(11)	(DLG)	(IVIIIV)	(SLC)	(111)	(1 t)	(111)	(11)	(111)	(1 ()
	-27.4107219	-27°	24'	38.599"	151.7355983	151°	44'	8.154"	375005.24	6967437.19	406.2	1332.7	268°	56'	02"	914	2999	974	3195	403.6	1324.0
								(DBJECTS THAT	APPEAR ON TI	HE CHART	Г									
	GEOGRAPHIC								MGA ELEVATION TOP					DISTANCE FROM		OFFSET		ст	GRADIENT		
REF No	LAT				LONG			EASTING	NORTHING			TYPE OF OBSTACLE		SOT		OFFSET		EI	TO TOP		
	DECIMAL DEG	(DEG)	(MIN)	(SEC)	DECIMAL DEG	(DEG)	(MIN)	(SEC)	EASTING	NONTHING	(m)	(Ft)			(m)	(Ft)	(m)	(Ft)	LEFT/RIGHT	%	
1	-27.409080	-27°	24'	32.68"	151.723461	151°	43'	24.45"	373803.37	6967606.79	407.4	1336.6		MOVING	ì	1213.9	3982.5	20.3	66.7	L	5.99
2	-27.407247	-27°	24'	26.08"	151.716621	151°	42'	59.83"	373125.01	6967802.97	423.3	1388.6	TREE		1914.7	6281.8	67.4	221.3	R	2.57	
3	-27.407122	-27°	24'	25.63"	151.715492	151°	42'	55.76"	373013.24	6967815.67	423.3	1388.9		TREE		2027.1	6650.6	62.5	205.1	R	2.25
				-																	

DANIEL GEEVES

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DANIEL GEEVES

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REGISTERED SURVEYOR aurecon

aurecon www.aurecongroup.com



ΕV	DATE	REVISION DETAILS	APPROVED	SCALE	SIZE
Α	24.05.24	FOR REVIEW	DG	AS SHOWN	A1/A3
В	02.09.24	FOR ISSUE	DG	DRAWN	
				MH	
				IVII	
				SURVEYED	
				KI/DW/AAM	
				CHECKED	
				GH	

OBSTACLE LIMITATION SURVEYS AND ASSESSMENT FOR ISSUE ARMY AVIATION CENTRE OAKEY NOT FOR CONSTRUCTION AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED SEPTEMBER 2024 02/09/2024 RUNWAY 09/27 - SHEET 9 OF 9 PROJECT No. WES TYPE DISC SITE NUMBER REV 520002 - EST09759 - DRG - UU - OAK - 010 - B