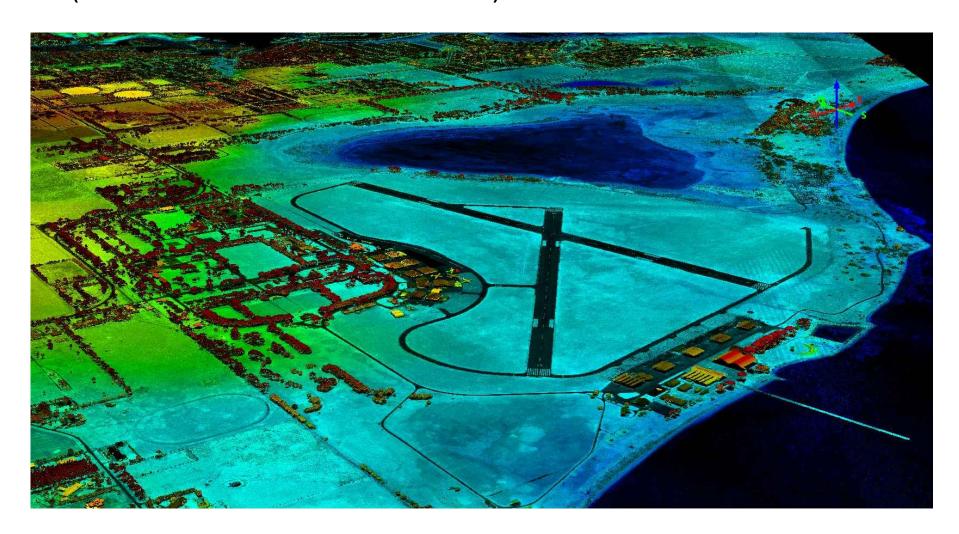
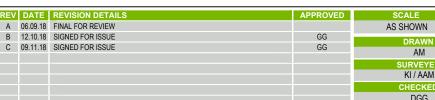
OBSTACLE LIMITATION SURVEYS AND ASSESSMENT

RAAF BASE POINT COOK AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED NOVEMBER 2018













DECLARED DISTANCES FOR RUNWAY 17									
TAKE OFF RUN AVAILABLE (TORA)	1371m (4498')								
TAKE OFF DISTANCE AVAILABLE (TODA)	1431m (4694') 4.48%								
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	1371m (4498')								
LANDING DISTANCE AVAILABLE (LDA)	1371m (4498')								
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	1326m (4350') 1.6%, 1350m (4429') 1.9%, 1357m (4452') 2.0%, 1369m (4491') 2.2%, 1383m (4537') 2.5%, 1409m (4622') 3.3%								



NOTES

- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (GDA94) ZONE 55 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

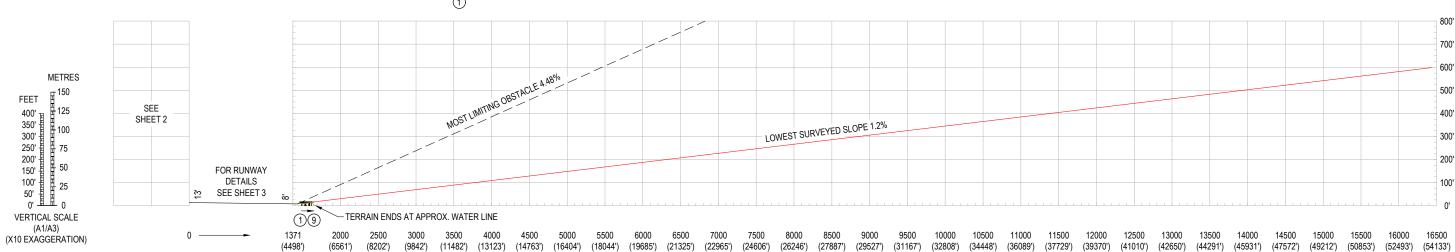
PROJECT DIRECTOR NATIONAL AIRFIELD PROJECT DEPARTMENT OF DEFENCE CANBERRA ACT 2600 TEL: (02) 6266 8081

- 4. FOR FURTHER INFORMATION REGARDING THIS CHART CONTACT THE ABOVE
- 5. MAGNETIC VARIATION 11°28' E (NOVEMBER 2018)
- AERIAL SURVEY COMPLETED 22 NOVEMBER 2017, 25-26 JANUARY 2018 AND 9 FEBRUARY 2018. GROUND SURVEY CHECKS AND VERIFICATION AUGUST 2018.

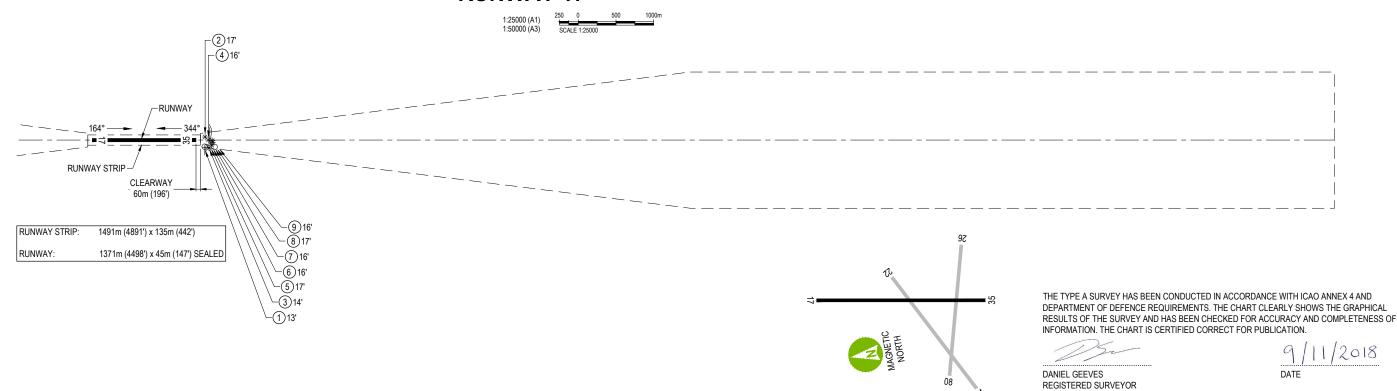


OBSTRUCTIONS AND OBSTACLES

- OBSTACLE NUMBER
- TOP ELEVATION IN FEET
- TREE(S) OR VEGETATION BUILDING OR LARGE STRUCTURE
- POLE, TOWER, SPIRE, POST ETC
- \triangle ANTENNA
- MOVING (ROADS, RAILWAY TRACKS ETC)
- TERRAIN PENETRATING LOWEST SURVEYED SLOPE
- OVERHEAD TRANSMISSION LINE
- ---- FENCE LINE



RUNWAY 17



aurecon www.aurecongroup.com



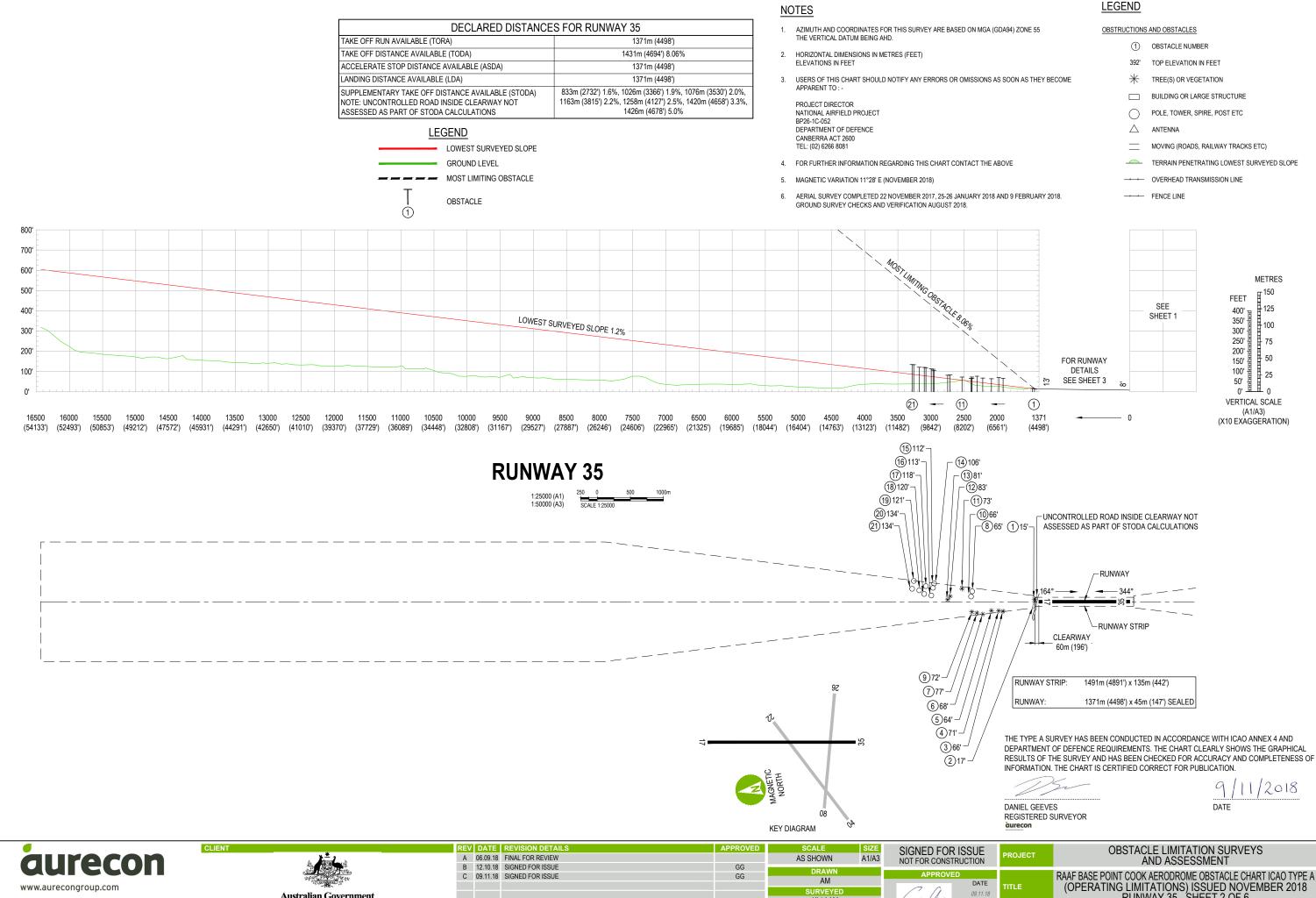
SCALE	APPROVED	REVISION DETAILS	DATE	RFV
AS SHOWN	ATTROVES	FINAL FOR REVIEW	1	Α
DRAWN	GG	SIGNED FOR ISSUE	12.10.18	В
AM	GG	SIGNED FOR ISSUE	09.11.18	С
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	GARRY GRAHAM	-	, D

KEY DIAGRAM

DGG

	PROJECT	OBSTACLE LIMITATION SURVEYS AND ASSESSMENT
8	TITLE	RAAF BASE POINT COOK AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED NOVEMBER 2018 RUNWAY 17 - SHEET 1 OF 6
	DRAWING No.	PROJECT No. WBS TYPE DISC NUMBER REV 248842 — D21023 — DRG — CV — 002 — C





ΕV	DATE	REVISION DETAILS	APPROVED	SCALE	SIZI
Α	06.09.18	FINAL FOR REVIEW		AS SHOWN	A1/A
		SIGNED FOR ISSUE	GG	DRAWN	
С	09.11.18	SIGNED FOR ISSUE	GG	AM	
				SURVEYED	
				KI / AAM	
				CHECKED	
				DGG	

DEPARTMENT OF DEFENCE

ESTATE AND INFRASTRUCTURE GROUP

AERODROME OBSTACLE CHART - ICAO TYPE A (OPERATING LIMITATIONS) NOVEMBER 2018, COMPILED BY AURECON

TO BE READ IN CONJUNCTION WITH CURRENT NOTAMS

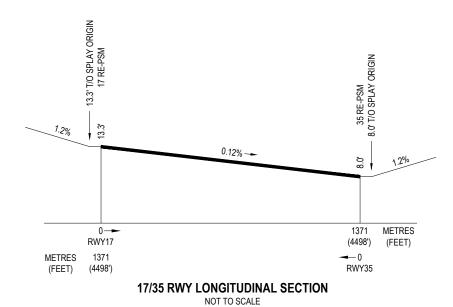
THE ORIGIN OF THE TAKE OFF SURFACE IS LOCATED AT THE END OF THE CLEARWAY.
DISTANCES COMMENCE FROM THE RAAF RE-PSM AT THE START OF THE TAKE-OFF RUNWAY (SOT)

DATUM

AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (GDA94) ZONE 55 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



	17 TAKE OFF																		
	RE - PSM AT START OF TORA										RUNWAY MAGNETIC		то	PΛ	TO	DA	ELEVA	TION AT	
			GEOGF	RAPHIC			M	IGA	ELEVATION BEARING		10	'NA	100/1		T.O. (ORIGIN			
	LAT LONG		EASTING NORTHING		(m) (FT)		(DEG) (MIN) (SEC)		(m)	(FT)	(m)	(FT)	(m)	(FT)					
	(DEG)	(MIN)	(SEC)	(DEG)	(MIN)	(SEC)	LASTING	NOKITIING	(111)	(1 1)	(DLG)	(101114)	(SEC)	(111)	(1.1)	(111)	(' ')	(111)	(''')
	-37°	55'	26.61"	144°	45'	12.29"	302539.19	5800216.31	4.0	13.3	163°	51'	38"	1371	4498	1431	4694	2.4	8.0
	OBJECTS THAT APPEAR ON THE CHART																		
			GEOGF	RAPHIC			M	IGA	ELEV/AT	ELEVATION TOP				DISTANO	E FROM	OFFSET		GRADIENT	
REF No		LAT			LONG		EASTING	NORTHING	TYPE OF OBSTACLE		SC	TC	OITSET		ТО ТОР				
	(DEG)	(MIN)	(SEC)	(DEG)	(MIN)	(SEC)	EASTING	NORTHING	(m)	(m) (FT)				(m)	(FT)	(m)	(FT)	%	
1	-37°	56'	15.37"	144°	45'	13.60"	302608.14	5798728.45	4.0	13.0	SIGN		1486.7	4877.7	88.3R	289.8R	2.	2.74	
2	-37°	56'	15.17"	144°	45'	18.92"	302737.88	5798737.69	5.1	16.9		TREE		1491.2	4892.4	41.6L	136.6L	4	.48
3	-37°	56'	16.49"	144°	45'	13.40"	302604.09	5798693.97	4.3	14.0		FENCE		1520.6	4988.8	96.0R	315.0R	2.	.02
4	-37°	56'	16.68"	144°	45'	17.40"	302701.96	5798690.36	4.7	15.5		TREE		1534.5	5034.4	0.9L	3.1L	2	.21
5	-37°	56'	17.24"	144°	45'	13.19"	302599.68	5798670.78	5.1	16.8		TREE		1543.2	5062.9	102.8R	337.4R	2.	.40
6	-37°	56'	18.30"	144°	45'	14.84"	302640.81	5798639.06	4.8	15.6		TREE		1579.0	5180.6	65.3R	214.2R	1.	.56
7	-37°	56'	18.36"	144°	45'	17.27"	302700.12	5798638.39	4.8	15.7		TREE		1586.0	5203.3	6.4R	20.9R	1.	.51
8	-37°	56'	18.71"	144°	45'	16.38"	302678.53	5798627.25	5.1	16.9		TREE 1594.8		1594.8	5232.2	29.0R	95.2R	1.	.65
9	-37°	56'	19.60"	144°	45'	13.96"	302620.22	5798598.21	4.8	15.6		POST		1617.5	5306.7	90.1R	295.5R	1.	.24

								3	5 TAKI	E OFF										
				RI	E - PSM	AT STAR	T OF TORA				RUNV	VAY MA	GNETIC	TO)RA	TC	DA	ELEVAT	TION AT	
			GEOGF	RAPHIC			M	GA	ELEV	ATION		BEARIN	G	10	'NA	TODA		T.O. 0	DRIGIN	
	(DEG)	LAT (MIN)	(SEC)	(DEG)	LONG (MIN)	(SEC)	EASTING	NORTHING	(m)	(FT)	(DEG)	(MIN)	(SEC)	(m)	(FT)	(m)	(FT)	(m)	(FT)	
	-37°	56'	10.93"	144°	45'	16.86"	302683.80	5798852.76	2.4	8.0	343°	51'	38"	1371	4498	1431	4694	4.0	13.3	
								OBJECTS TH	IAT APPE	AR ON TH	E CHAR	Γ						•		
		GEOGRAPHIC					M	GA	ELEV/AT	ION TOP				DISTANO	CE FROM	OF	сет	GRAI	DIENT	
REF No		LAT			LONG		EASTING	NORTHING	ELEVAI	ION TOP	TYPE	TYPE OF OBSTACLE			TC	OFFSET		TO TOP		
	(DEG)	(MIN)	(SEC)	(DEG)	(MIN)	(SEC)	LASTING	NORTHING	(m)	(FT)					(FT)	(m)	(FT)	%		
1	-37°	55'	24.80"	144°	45'	13.62"	302571.16	5800287.25	4.6	15.2		TREE		1438.2	4718.7	39.3R	128.8R	8.	06	
2	-37°	55'	24.19"	144°	45'	08.06"	302434.82	5800302.95	5.1	16.8		FENCE		1468.2	4817.1	94.6L	310.5L	2.	94	
3	-37°	55'	09.99"	144°	45'	04.60"	302339.93	5800738.74	20.2	66.4		TREE		1911.6	6271.6	143.0L	469.3L	3.	37	
4	-37°	55'	07.81"	144°	45'	04.59"	302338.07	5800805.73	21.7	71.3	TREE		1978.4	6490.7	137.8L	452.2L		23		
5	-37°	55'	04.26"	144°	45'	04.33"	302328.98	5800914.92	19.5	64.0		TREE		2087.9	6850.1	135.3L	444.0L	2.	2.36	
6	-37°	55'	00.20"	144°	45'	01.76"	302263.32	5801038.74	20.6	67.5		TREE		2218.0	7276.7	187.6L	615.4L	2.	10	
7	-37°	54'	57.31"	144°	45'	02.20"	302271.74	5801128.01	23.4	76.9		TREE		2305.8	7565.1	169.8L	557.1L	2.	22	
8	-37°	54'	54.07"	144°	45'	15.20"	302586.87	5801235.64	19.7	64.8	i i	ELEC PO	LE	2379.6	7807.2	154.9R	508.2R	1.65		
9	-37°	54'	54.78"	144°	45'	02.60"	302279.67	5801206.32	22.1	72.4		TREE		2382.9	7817.8	153.6L	504.1L	1.	89	
10	-37°	54'	53.74"	144°	45'	11.96"	302507.43	5801243.89	20.1	65.8	i	ELEC PO	LE	2396.2	7861.5	76.8R	251.9R	1.	66	
11	-37°	54'	49.05"	144°	45'	16.38"	302611.87	5801391.09	22.1	72.5		TREE		2531.6	8305.6	196.2R	643.6R	1.	64	
12	-37°	54'	43.54"	144°	45'	11.12"	302479.41	5801557.76	25.3	82.8		TREE		2711.2	8895.2	82.0R	269.1R	1.	66	
13	-37°	54'	42.51"	144°	45'	08.89"	302424.14	5801588.34	24.8	81.4		TREE		2747.5	9014.0	30.3R	99.4R	1.	58	
14	-37°	54'	35.22"	144°	45'	18.13"	302644.38	5801818.45	32.3	106.0	L	IGHT PO	LE	2953.1	9688.6	273.6R	897.5R	1.	86	
15	-37°	54'	34.87"	144°	45'	15.47"	302579.17	5801827.71	34.0	111.7	L	IGHT PO	LE	2969.2	9741.3	209.7R	688.0R	1.	95	
16	-37°	54'	34.34"	144°	45'	10.61"	302460.19	5801841.02	34.4	112.9	L	IGHT PO	LE	2994.9	9825.9	92.8R	304.4R	1.	94	
17	-37°	54'	31.33"	144°	45'	16.07"	302591.34	5801937.12	36.1	118.4	L	IGHT PO	LE	3076.7	10094.0	233.3R	765.5R	1.	95	
18	-37°	54'	30.81"	144°	45'	11.21"	302472.15	5801950.36	36.6	120.0	L	IGHT PO	LE	3102.4	10178.5	116.2R	381.3R	1.	95	
19	-37°	54'	28.23"	144°	45'	13.17"	302518.13	5802030.99	36.9	120.9	L	IGHT PO	LE	3177.7	10425.6	170.4R	559.2R	1.88		
20	-37°	54'	25.19"	144°	45'	18.66"	302649.90	5802127.91	40.8	133.9	L	IGHT PO	LE	3260.2	10696.2	311.7R	1022.6R	2.	01	
21	-37°	54'	24.67"	144°	45'	13.75"	302529.72	5802140.96	40.9	134.1	L	IGHT PO	LE	3285.8	10780.3	193.6R	635.0R	1.	99	

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 9/11/2018 DATE





A B C

1	DATE	REVISION DETAILS	APPROVED	SCALE	SIZE
	06.09.18	FINAL FOR REVIEW		AS SHOWN A	A1/A3
	12.10.18	SIGNED FOR ISSUE	GG	DRAWN	
	09.11.18	SIGNED FOR ISSUE	GG	AM	
				SURVEYED	
				KI / AAM	
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				DGG	



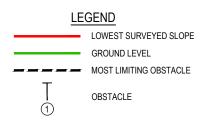
PROJECT

OBSTACLE LIMITATION SURVEYS
AND ASSESSMENT

RAAF BASE POINT COOK AERODROME OBSTACLE CHART ICAO TYPE A
(OPERATING LIMITATIONS) ISSUED NOVEMBER 2018
RUNWAY 17 & 35 - SHEET 3 OF 6

DRAWING No. 248842 - D21023 - DRG - CV - 004 - C

DECLARED DISTANCES FOR RUNWAY 04									
TAKE OFF RUN AVAILABLE (TORA)	1135m (3723')								
TAKE OFF DISTANCE AVAILABLE (TODA)	1195m (3920') 3.15%								
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	1135m (3723')								
LANDING DISTANCE AVAILABLE (LDA)	1135m (3723')								
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	977m (3205') 1.6%, 1047m (3435') 1.9%, 1066m (3497') 2.0%,								



NOTES

- 1. AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (GDA94) ZONE 55 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

PROJECT DIRECTOR NATIONAL AIRFIELD PROJECT BP26-1C-052 DEPARTMENT OF DEFENCE CANBERRA ACT 2600 TEL: (02) 6266 8081

- 4. FOR FURTHER INFORMATION REGARDING THIS CHART CONTACT THE ABOVE
- 5. MAGNETIC VARIATION 11°28' E (NOVEMBER 2018)
- AERIAL SURVEY COMPLETED 22 NOVEMBER 2017, 25-26 JANUARY 2018 AND 9 FEBRUARY 2018.
 GROUND SURVEY CHECKS AND VERIFICATION AUGUST 2018.



OBSTRUCTIONS AND OBSTACLES

OBSTACLE NUMBER

392' TOP ELEVATION IN FEET

* TREE(S) OR VEGETATION

BUILDING OR LARGE STRUCTURE

△ ANTENNA

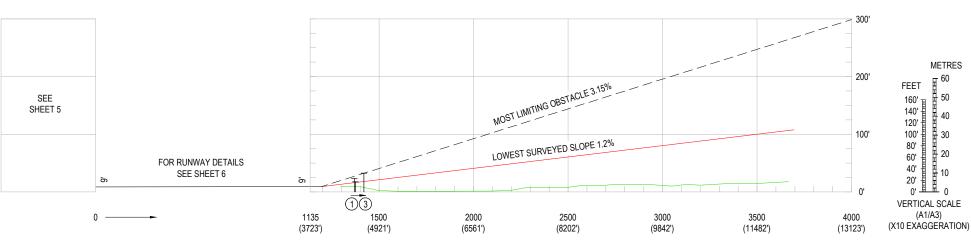
MOVING (ROADS, RAILWAY TRACKS ETC)

POLE, TOWER, SPIRE, POST ETC

TERRAIN PENETRATING LOWEST SURVEYED SLOPE

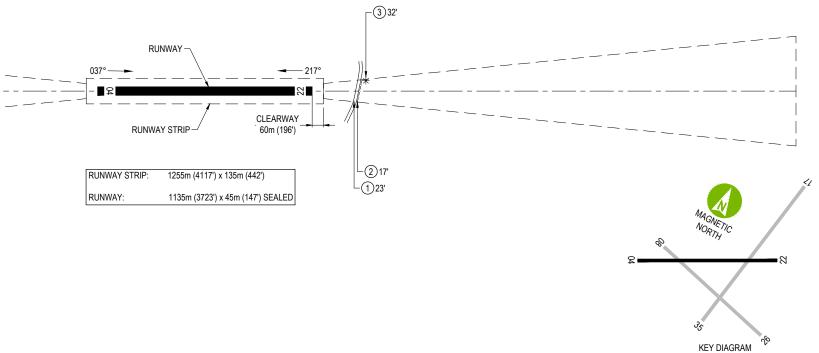
OVERHEAD TRANSMISSION LINE

---- FENCE LINE





RUNWAY 04 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 9/11/2018 DATE





REV	DATE	REVISION DETAILS	APPROVED	
Α	06.09.18	FINAL FOR REVIEW		
В	12.10.18	SIGNED FOR ISSUE	GG	Ē
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GARRY GRAHAM

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PROJECT	OBSTACLE LIMITATION SURVEYS AND ASSESSMENT										
TITLE	RAAF BASE (OPERA	POI ATIN	INT COO NG LIM RUN	K / IT, W	AERODRO ATIONS AY 04 -	OME S) I SI	E OBST SSUE HEET	AC D 4	CLE CHART ICAC NOVEMBER OF 6) TY 20	PE A 18
DRAWING No.	248842	- C	wвs)21023	_	DRG	_	CV	_	NUMBER 005	-	C

DECLARED DISTANCES FOR RUNWAY 22							
TAKE OFF RUN AVAILABLE (TORA)	1135m (3723')						
TAKE OFF DISTANCE AVAILABLE (TODA)	1195m (3920') 2.20%						
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	1135m (3723')						
LANDING DISTANCE AVAILABLE (LDA)	1135m (3723')						
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	1003m (3290') 1.6%, 1113m (3651') 1.9%, 1143m (3750') 2.0%						



NOTES

- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (GDA94) ZONE 55 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

PROJECT DIRECTOR NATIONAL AIRFIELD PROJECT DEPARTMENT OF DEFENCE CANBERRA ACT 2600 TEL: (02) 6266 8081

- 4. FOR FURTHER INFORMATION REGARDING THIS CHART CONTACT THE ABOVE
- 5. MAGNETIC VARIATION 11°28' E (NOVEMBER 2018)
- AERIAL SURVEY COMPLETED 22 NOVEMBER 2017, 25-26 JANUARY 2018 AND 9 FEBRUARY 2018. GROUND SURVEY CHECKS AND VERIFICATION AUGUST 2018.



OBSTRUCTIONS AND OBSTACLES

1 OBSTACLE NUMBER

TOP ELEVATION IN FEET

TREE(S) OR VEGETATION

BUILDING OR LARGE STRUCTURE POLE, TOWER, SPIRE, POST ETC

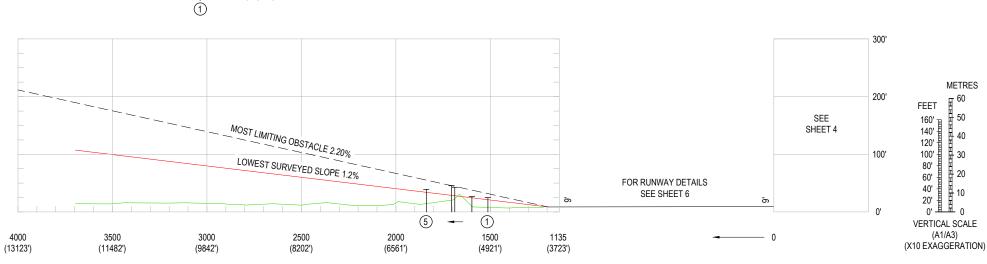
 \triangle ANTENNA

MOVING (ROADS, RAILWAY TRACKS ETC)

TERRAIN PENETRATING LOWEST SURVEYED SLOPE

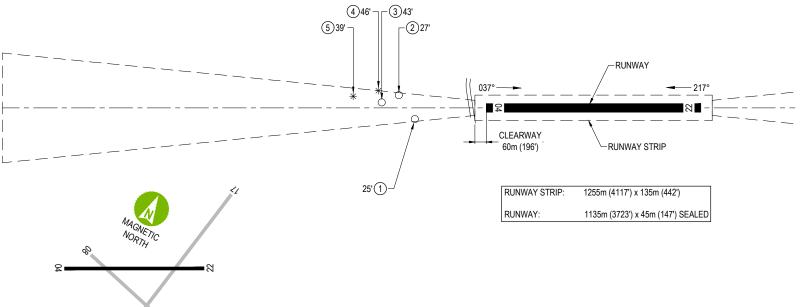
OVERHEAD TRANSMISSION LINE

---- FENCE LINE



RUNWAY 22 (CODE 2)

RUNWAY 22 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

GARRY GRAHAM

2018 DATE





KEY DIAGRAM

REV	DATE	REVISION DETAILS	APPROVED	SCALE SIZI	3
Α	06.09.18	FINAL FOR REVIEW		AS SHOWN A1/A	.3
В	12.10.18	SIGNED FOR ISSUE	GG	DRAWN	Ξ.
С	09.11.18	SIGNED FOR ISSUE	GG		
				AM	
				SURVEYED	
				KI / AAM	
				CHECKED	
				DGG	

DEPARTMENT OF DEFENCE

ESTATE AND INFRASTRUCTURE GROUP

AERODROME OBSTACLE CHART - ICAO TYPE A (OPERATING LIMITATIONS) NOVEMBER 2018, COMPILED BY AURECON

TO BE READ IN CONJUNCTION WITH CURRENT NOTAMS

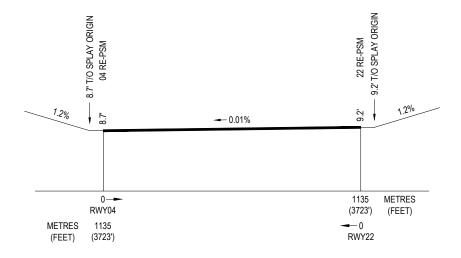
THE ORIGIN OF THE TAKE OFF SURFACE IS LOCATED AT THE END OF THE CLEARWAY. DISTANCES COMMENCE FROM THE RAAF RE-PSM AT THE START OF THE TAKE-OFF RUNWAY (SOT)

DATUM

AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (GDA94) ZONE 55 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



04/22 RWY LONGITUDINAL SECTION NOT TO SCALE

	04 TAKE OFF (CODE 2)																				
	RE - PSM AT START OF TORA GEOGRAPHIC MGA ELEVATION								RUNWAY MAGNETIC BEARING			TORA		TODA		ELEVATION A					
		GEOGRAPHIC LONG						(DEG) (MIN) (SEC)		(m) (FT)		(m) (FT)		(m) (FT)							
	(DEG)	(MIN)	(SEC)	(DEG)	(MIN)	(SEC)	EASTING	NORTHING	(m)	(11)	(DLG)	(IVIIIV)	(SLC)	(111)	(F1)	(111)	(11)	(111)	(11)		
	-37°	56'	10.54"	144°	44'	47.40"	301964.21	5798847.22	2.7	8.7	36°	35'	30"	1135	3723	1195	3920	2.8	9.2		
								OBJECTS TH	HAT APPE	AR ON T	HE CHART										
		GEOGRAPHIC				M	MGA ELEVATION TOP						DISTANCE FROM		OFFSET		GRADIENT				
REF No	LAT LONG				EASTING NORTHING		ELEVATION TOP		TYPE OF OBSTACLE		SOT		OFFSET		ТО ТОР						
	(DEG)	(MIN)	(SEC)	(DEG)	(MIN)	(SEC)	EASTING	NORTHING	(m)	(m) (FT)						(m)	(FT)	(m)	(FT)	9	%
1	-37°	55'	42.73"	144°	45'	30.61"	302999.35	5799744.66	7.0	23.0		ROAD		1368.7	4490.5	57.3R	188.1R	2.	43		
2	-37°	55'	42.61"	144°	45'	30.81"	303004.11	5799748.33	5.3	17.4		FENCE		1374.7	4510.1	57.9R	190.0R	1.	39		
3	-37°	55'	38.92"	144°	45'	29.10"	302959.58	5799861.15	9.9	32.4		TREE		1419.7	4657.7	54.7L	179.4L	3.	15		

								22 T.	AKE OI	F (COI	DE 2)								
	RE - PSM AT START OF TORA									RUNWAY MAGNETIC			TORA		TODA		ELEVATION A		
		GEOGRAPHIC				MGA ELEVATION		NOITA	BEARING			IORA		IODA		T.O. ORIGIN			
		LAT			LONG		EASTING	ING NORTHING (m)		(FT)	(DEG)	(MIN)	(SEC)	(m)	(FT)	(m)	(FT)	(m)	(FT)
	(DEG)	(MIN)	(SEC)	(DEG)	(MIN)	(SEC)	LASTING	NORTHING	(111)	(1 1)	(DLG)	(101114)	(SEC)	(111)	(' ')	(111)	(' ')	(111)	(11)
	-37°	55'	45.93"	144°	45'	21.98"	302790.32	5799626.33	2.8	9.2	216°	35'	30"	1135	3723	1195	3920	2.7	8.7
	OBJECTS THAT APPEAR ON THE CHART																		
	GEOGRAPHIC					MGA			ELEVATION TOP		DISTANCE FROM		OFFSET		GRADIENT				
REF No	LAT LON			LONG	G EASTING		NORTHING	LLEVATION TO		TYPE OF OBSTACLE		SOT		OFFSET		ТО ТОР			
	(DEG)	(MIN)	(SEC)	(DEG)	(MIN)	(SEC)	EASTING NORTHING (r		(m)	(FT)			(m)	(FT)	(m)	(FT)	9	%	
1	-37°	56'	20.63"	144°	44'	37.45"	301729.64	5798545.08	7.6	24.8	I	FLAG POLE	Ē	1513.4	4965.1	58.9L	193.1L	1.	54
2	-37°	56'	19.43"	144°	44'	31.44"	301582.06	5798578.39	8.2	26.8		FLAG POLE	•	1597.9	5242.4	66.6R	218.5R	1.	37
3	-37°	56'	22.31"	144°	44'	29.72"	301542.21	5798488.60	13.0	42.8	L	IGHT POLE	E	1688.5	5539.6	28.6R	94.0R	2.	11
4	-37°	56'	21.18"	144°	44'	27.49"	301486.99	5798522.11	13.9	45.6		TREE		1705.6	5596.0	90.9R	298.2R	2.	20
5	-37°	56'	24.79"	144°	44'	24.23"	301410.02	5798408.96	12.0	39.2		TREE		1839.3	6034.3	61.4R	201.4R	1.	44

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

2018 DATE



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A B C

1	DATE	REVISION DETAILS	APPROVED	SCALE	SIZE
	06.09.18	FINAL FOR REVIEW		AS SHOWN	A1/A3
	12.10.18	SIGNED FOR ISSUE	GG	DRAWN	
	09.11.18	SIGNED FOR ISSUE	GG	AM	
				SURVEYED	
				KI / AAM	
				CHECKED	
				DGG	

SIGNED FOR ISSUE NOT FOR CONSTRUCTION DATE 09.11.18 GARRY GRAHAM

OBSTACLE LIMITATION SURVEYS AND ASSESSMENT RAAF BASE POINT COOK AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED NOVEMBER 2018 RUNWAY 04 & 22 - SHEET 6 OF 6

 DRAWING No.
 248842
 D21023
 DRG
 CV
 NUMBER
 REV

