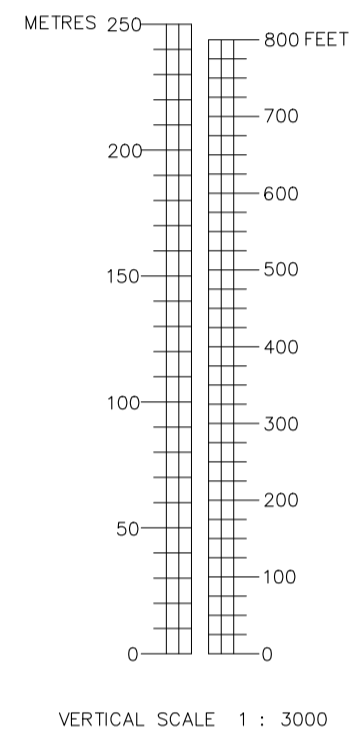
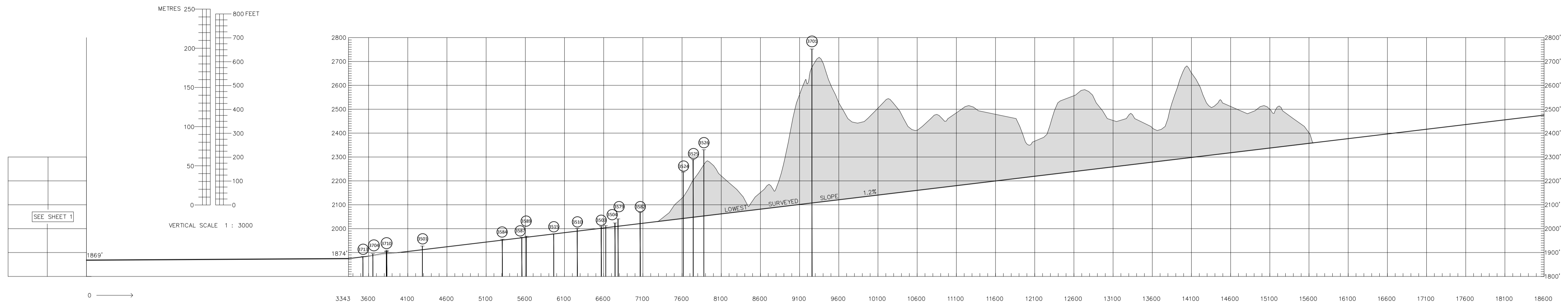
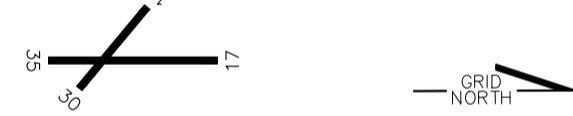


MAGNETIC VARIATION 12.67°E MARCH 2025, ANNUAL VARIATION +0.00

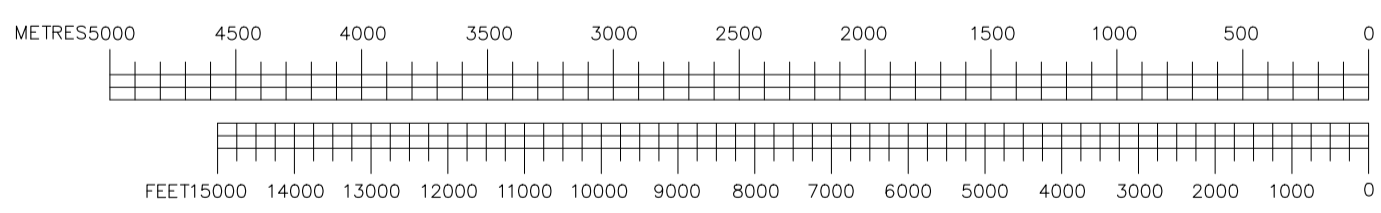
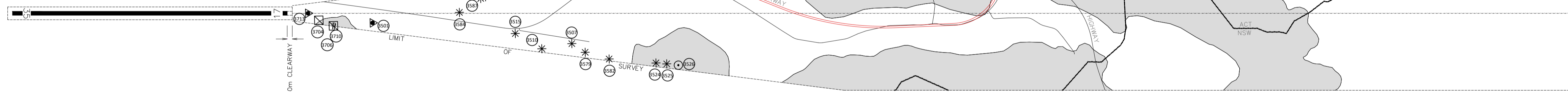


SEE SHEET 1

KEY DIAGRAM



2983m x 45m SEALED RUNWAY  
3351m x 300m RUNWAY STRIP



**CANBERRA AIRPORT, AUSTRALIA**  
**RUNWAY 35**  
ICAO ANNEX 4 TYPE A (OPERATING LIMITATIONS) CHART  
SHEET 2 of 4

For aerodrome and obstacle data refer to Sheet 4

TO BE READ IN CONJUNCTION WITH CURRENT NOTAMS

LEGEND	
<b>OBSTRUCTIONS &amp; OBSTACLES</b>	
Identification number	⑤
Tree(s) or shrub(s)	*
Building or large structure	□
Pole, tower, spire, etc.	○
Moving Vehicle	≡
Antenna	△
Terrain penetrating lowest surveyed slope	▲
<b>GEOGRAPHICAL FEATURES</b>	
Transmission line(s) or overhead cable line(s)	—
fence line	—
Railway line(s)	—
Airport boundary	- - -
River, creek	—
Major roads, Minor roads, tracks	—

DECLARED DISTANCES FOR RWY 35	
TAKE-OFF RUN AVAILABLE (TORA)	3283
TAKE-OFF DISTANCE AVAILABLE (TODA)	3343
ACCELERATE-STOP DISTANCE AVAILABLE	3283
LANDING DISTANCE AVAILABLE	2683

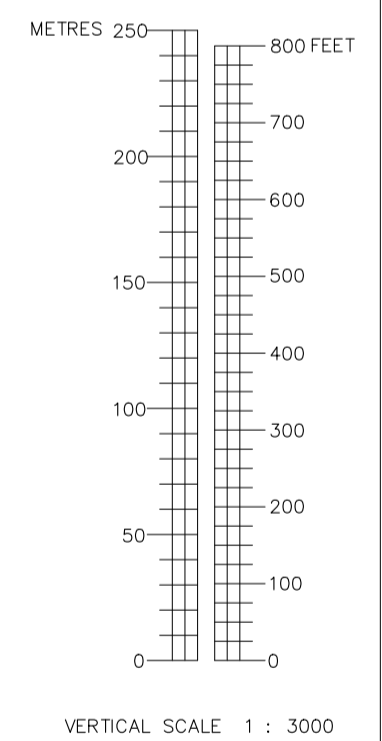
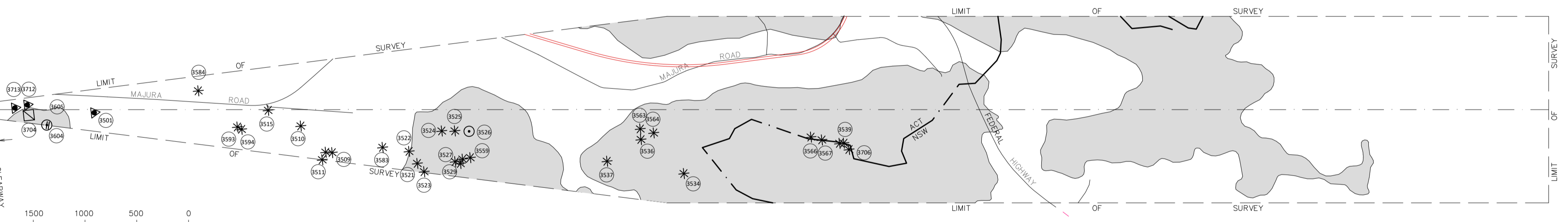
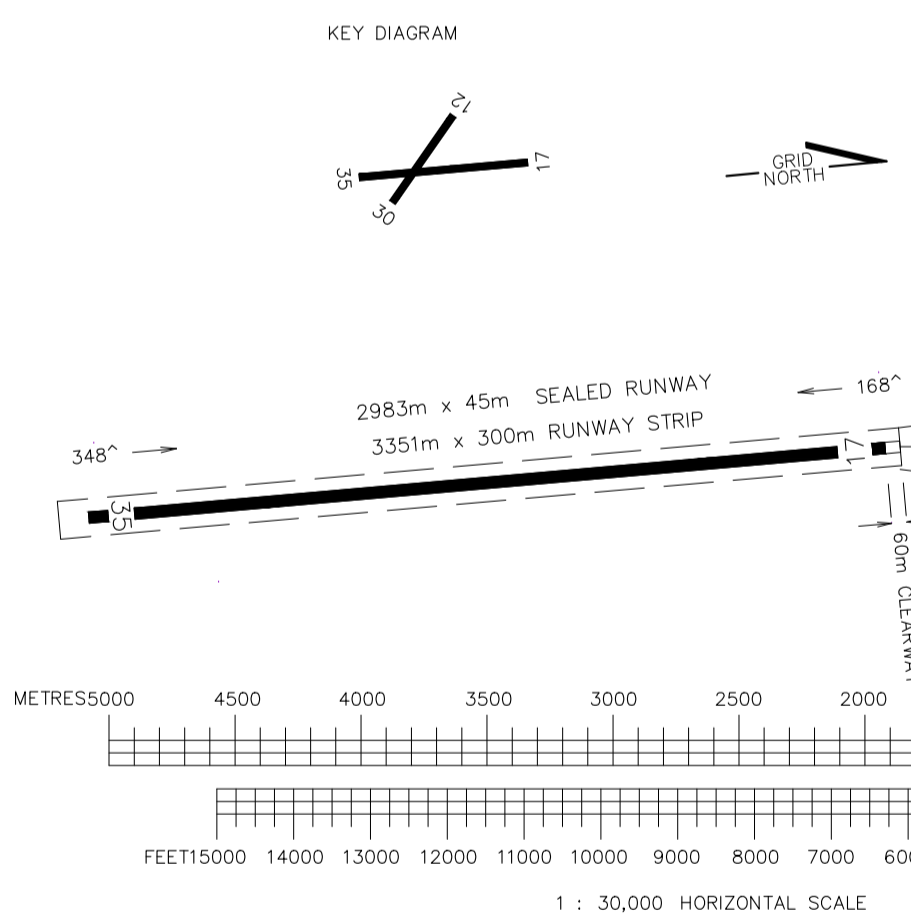
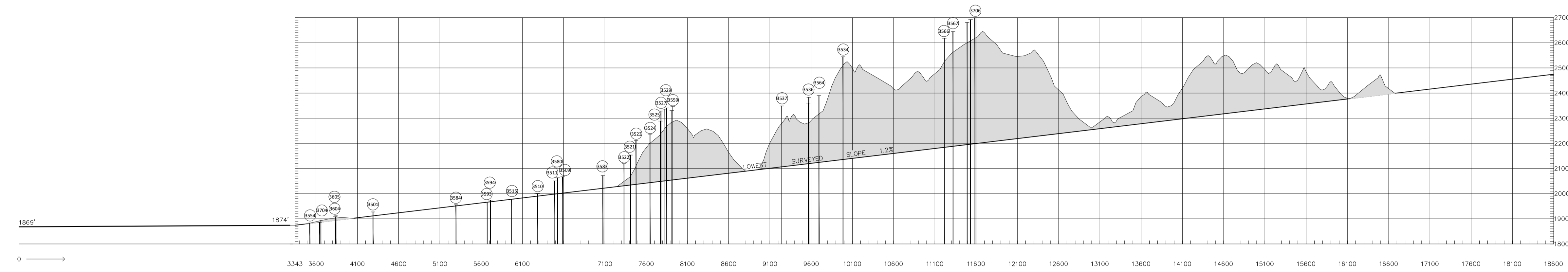
DATUMS	
VERTICAL	AUSTRALIAN HEIGHT DATUM (AHD)
HORIZONTAL	AD63
HORIZONTAL DISTANCES ARE IN METRES, VERTICAL DISTANCES ARE IN FEET	

SOURCE INFORMATION	
DIGITAL TOPOGRAPHY	CAPITAL AIRPORT GROUP



DATE SURVEYED	DATE ISSUED	EDITION No.	AMENDMENT
MAR 2025	MAR 2025	9	RESURVEYED AND UPDATED, DATUM CHANGED, RWY LENGTH IN KEY DIAGRAM CHANGED
DEC 2021	JAN 2022	7	RWY 12/20 REMOVED, RWY 17/25 RESURVEYED AND UPDATED
APR 2015	MAY 2015	6	COMPLETE RESURVEY AND REDRAFT
FEB 2012	MAR 2012	4	DEL p146&448 ADD p1300, EDIT p1172 RL
OCT 2006	NOV 2006	3	RUNWAY LENGTH CHANGED
OCT 2000	NOV 2004	2	HORIZONTAL SCALE BAR AMENDED
OCT 2000	FEB 2004	1	-

MAGNETIC VARIATION 12.67°E MARCH 2025, ANNUAL VARIATION +0.00



**CANBERRA AIRPORT, AUSTRALIA**  
**RUNWAY 35 (5° OFFSET)**  
 ICAO ANNEX 4 TYPE A (OPERATING LIMITATIONS) CHART  
 SHEET 3 of 4  
 For aerodrome and obstacle data refer to Sheet 4  
**TO BE READ IN CONJUNCTION WITH CURRENT NOTAMS**

LEGEND	
<b>OBSTRUCTIONS &amp; OBSTACLES</b>	
Identification number	⑤
Tree(s) or shrub(s)	*
Building or large structure	■
Pole, tower, spire, etc.	○
Moving Vehicle	⇐
Antenna	▲
Terrain penetrating lowest surveyed slope	▲
<b>GEOGRAPHICAL FEATURES</b>	
Transmission line(s) or overhead cable line(s)	—
fence line	—
Railway line(s)	—
Airport boundary	- - -
River, creek	—
Major roads, Minor roads, tracks	—

DECLARED DISTANCES FOR RWY 35	
TAKE-OFF RUN AVAILABLE (TORA)	3283
TAKE-OFF DISTANCE AVAILABLE (TODA)	3343
ACCELERATE-STOP DISTANCE AVAILABLE	3283
LANDING DISTANCE AVAILABLE	2683

DATUMS	
VERTICAL	AUSTRALIAN HEIGHT DATUM (AHD)
HORIZONTAL	GOA2020
HORIZONTAL DISTANCES ARE IN METRES. VERTICAL DISTANCES ARE IN FEET	

SOURCE INFORMATION	
DIGITAL TOPOGRAPHY	CAPITAL AIRPORT GROUP



DATE SURVEYED	DATE ISSUED	EDITION No.	AMENDMENT
MAR 2025	MAR 2025	10	RESURVEYED AND UPDATED, DATUM CHANGED
JUNE 2024	JUNE 2024	9	RUNWAY LENGTH IN KEY DIAGRAM CHANGED
DEC 2021	JAN 2022	8	RWY 12/20 REMOVED, RWY 11/25 RESURVEYED AND UPDATED
FEB 2019	MAR 2019	7	p13535 REMOVED
APR 2018	MAY 2018	6	COMPLETE RESURVEY AND REDRAFT
FEB 2012	MAR 2012	4	DEL p148&48 ADD p1500, EDIT p1172 RL
OCT 2006	NOV 2006	3	RUNWAY LENGTH CHANGED
OCT 2003	NOV 2004	2	HORIZONTAL SCALE BAR AMENDED
OCT 2003	FEB 2004	1	-



## CANBERRA AIRPORT - AUSTRALIA, ICAO TYPE A OPERATING CHART, MARCH 2025

## SHEET 4 OF 4 - OBSTACLE DATA

AIRPORT SURVEYS



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## 17 TAKE OFF END

Obstacle ID	Description	Distance from TODA End	Distance from TODA Start	Offset from Runway Centreline	Height of Obstacle Above Clearway End	Elevation (m)	Elevation (ft)	GDA2020		Take-Off Gradient
								Latitude DD.MMSSs	Longitude DDD.MMSs	
1901	Fence	265.4	3338.4	-121.2 L	3.3	572.6	1879	-35.19145	149.11448	1.25%
1806	Light pole	275.0	3348.0	-112.8 L	5.1	574.3	1884	-35.19148	149.11445	1.84%
1817	Road - 4.5m Transient Obstacle	277.3	3350.3	-124.6 L	5.5	574.8	1886	-35.19149	149.11450	2.00%
1839	Tree	299.8	3372.8	-124.1 L	6.5	575.8	1889	-35.19156	149.11449	2.18%
1833	Tree	323.0	3396.0	54.7 R	4.5	573.8	1882	-35.19164	149.11379	1.40%
1840	Tree	368.7	3441.7	-121.1 L	7.5	576.8	1892	-35.19179	149.11448	2.05%
1747	Tree	368.7	3441.7	-51.5 L	5.5	574.8	1886	-35.19179	149.11421	1.49%
1837	Tree	446.7	3519.7	133.6 R	5.4	574.6	1885	-35.19204	149.11347	1.20%
1746	Tree	490.0	3563.0	-132.0 L	8.5	577.8	1896	-35.19218	149.11453	1.74%
1836	Tree	513.4	3586.4	154.0 R	8.9	578.2	1897	-35.19226	149.11339	1.74%
1758	Tree	555.4	3628.4	9.3 R	8.1	577.4	1894	-35.19239	149.11397	1.46%
1821	Tree	591.1	3664.1	145.6 R	14.1	583.4	1914	-35.19251	149.11343	2.39%
1841	Tree	598.8	3671.8	-114.2 L	14.4	583.7	1915	-35.19253	149.11445	2.41%
1828	Tree	616.0	3689.0	100.1 R	14.6	583.9	1916	-35.19259	149.11361	2.37%
1804	Tree	622.6	3695.6	-56.7 L	13.8	583.0	1913	-35.19261	149.11423	2.21%
1802	Tree	633.0	3706.0	-127.4 L	15.7	585.0	1919	-35.19265	149.11451	2.48%
1759	Tree	635.8	3708.8	49.7 R	11.3	580.6	1905	-35.19265	149.11381	1.78%
1832	Tree	650.8	3723.8	5.4 R	9.1	578.4	1898	-35.19270	149.11398	1.40%
1816	Tree	686.5	3759.5	39.1 R	14.7	584.0	1916	-35.19282	149.11385	2.14%
1827	Tree	687.5	3760.5	16.0 R	14.2	583.5	1914	-35.19282	149.11394	2.07%
1842	Tree	713.1	3786.1	-142.6 L	14.4	583.7	1915	-35.19291	149.11457	2.02%
1826	Tree	733.1	3806.1	-13.4 L	13.8	583.1	1913	-35.19297	149.11406	1.88%
1843	Tree	793.2	3866.2	-156.6 L	16.0	585.3	1920	-35.19317	149.11462	2.02%
1707	Tree	941.6	4014.6	-113.7 L	16.5	585.8	1922	-35.19365	149.11445	1.75%
1803	Tree	1500.5	4573.5	-234.7 L	26.1	595.4	1953	-35.19546	149.11493	1.74%
1750	Tree	2111.8	5184.8	-117.4 L	29.6	598.9	1965	-35.20144	149.11447	1.40%
1831	Tree	2159.2	5232.2	-349.5 L	35.6	604.9	1985	-35.20160	149.11539	1.65%
1764	Electricity Pole	2876.6	5949.6	376.7 R	39.8	609.0	1998	-35.20392	149.11251	1.38%
1765	Electricity Pole	2900.6	5973.6	234.1 R	40.0	609.3	1999	-35.20400	149.11308	1.38%
1772	Tree	6641.2	9714.2	-827.7 L	101.4	670.6	2200	-35.22414	149.12128	1.53%
1725	Tree	6668.0	9741.0	-859.3 L	104.6	673.8	2211	-35.22423	149.12141	1.57%
1726	Tree	6671.8	9744.8	-900.2 L	110.6	679.9	2231	-35.22424	149.12157	1.66%
1728	Tree	8786.0	11859.0	-685.5 L	153.6	722.8	2371	-35.23510	149.12072	1.75%
1729	Tree	8835.2	11908.2	-734.8 L	155.0	724.2	2376	-35.23526	149.12092	1.75%
1731	Tree	9883.6	12956.6	-872.5 L	205.4	774.6	2541	-35.24266	149.12146	2.08%
1740	Tree	9984.6	13057.6	-880.8 L	209.4	778.7	2555	-35.24299	149.12150	2.10%
1739	Tree	10778.4	13851.4	-858.4 L	230.8	800.0	2625	-35.24556	149.12141	2.14%
1736	Tree	13896.8	16969.8	-898.1 L	280.9	850.2	2789	-35.26368	149.12157	2.02%

## 35 TAKE OFF END

Obstacle ID	Description	Distance from TODA End	Distance from TODA Start	Offset from Runway Centreline	Height of Obstacle Above Clearway End	Elevation (m)	Elevation (ft)	GDA2020		Take-Off Gradient
								Latitude DD.MMSSs	Longitude DDD.MMSs	
3713	Near Field Monitor Aerial	184.0	3527.0	0.0 R	2.8	574.0	1883	-35.17183	149.11400	1.51%
3704	Aerial on Building	310.9	3653.9	81.5 R	6.3	577.6	1895	-35.17142	149.11432	2.02%
3706	Ball on Fence	482.6	3825.6	146.0 R	8.9	580.2	1903	-35.17086	149.11458	1.84%
3708	Signpost	487.0	3830.0	133.9 R	9.3	580.6	1905	-35.17085	149.11453	1.91%
3710	Road - 4.5m Transient Obstacle	489.5	3832.5	150.0 R	10.8	582.1	1910	-35.17084	149.11460	2.21%
3501	DVOR Lightning Rod	942.8	4285.8	111.9 R	16.1	587.4	1927	-35.16537	149.11444	1.71%
3584	Tree	1962.9	5305.9	-10.5 L	24.9	596.1	1956	-35.16206	149.11396	1.27%
3587	Tree	2212.4	5555.4	-173.8 L	27.2	598.5	1964	-35.16125	149.11331	1.23%
3589	Tree	2269.8	5612.8	-194.0 L	28.7	599.9	1968	-35.16106	149.11323	1.26%
3515	Tree	2619.0	5962.0	236.0 R	31.6	602.9	1978	-35.15593	149.11494	1.21%
3510	Tree	2919.8	6262.8	414.2 R	38.6	609.9	2001	-35.15495	149.11564	1.32%
3503	Tree	3225.8	6568.8	-214.1 L	41.1	612.4	2009	-35.15396	149.11315	1.28%
3507	Tree	3283.3	6626.3	354.3 R	42.1	613.4	2012	-35.15377	149.11540	1.28%
3504	Tree	3401.1	6744.1	-292.7 L	45.6	616.8	2024	-35.15339	149.11284	1.34%
3579	Tree	3440.4	6783.4	456.4 R	50.7	622.0	2041	-35.15326	149.11581	1.47%
3582	Tree	3722.2	7065.2	534.3 R	58.9	630.2	2068	-35.15235	149.12011	1.58%
3524	Tree	4272.4	7615.4	580.8 R	110.4	681.7	2237	-35.15057	149.12030	2.58%
3525	Tree	4398.5	7741.5	591.3 R	126.3	697.6	2289	-35.15016	149.12034	2.87%
3526	Hazard Beacon	4534.9	7877.9	607.0 R	139.0	710.3	2330	-35.14571	149.12040	3.07%
3701	Tree	5914.3	9257.3	-821.4 L	267.6	838.9	2752	-35.14124	149.11075	4.52%

**35 TAKE OFF END, 5° ROTATED EAST**

Obstacle ID	Description	Distance from TODA End	Distance from TODA Start	Offset from Runway Centreline	Height of Obstacle Above Clearway End	Elevation (m)	Elevation (ft)	GDA2020		Take-Off Gradient
								Latitude DD.MMSSs	Longitude DDD.MMSSs	
3713	Near Field Monitor Aerial	183.3	3526.3	-16.1 L	2.8	574.0	1883	-35.17183	149.11400	1.51%
3712	Localiser Antenna	302.3	3645.3	-45.7 L	3.6	574.9	1886	-35.17144	149.11393	1.20%
3704	Aerial on Building	316.8	3659.8	54.1 R	6.3	577.6	1895	-35.17142	149.11432	1.98%
3604	Gate post	490.8	3833.8	148.7 R	10.4	581.6	1908	-35.17088	149.11476	2.11%
3605	Road - 4.5m Transient Obstacle	499.9	3842.9	152.1 R	12.2	583.5	1914	-35.17085	149.11477	2.44%
3501	DVOR Lightning Rod	949.0	4292.0	29.3 R	16.1	587.4	1927	-35.16537	149.11444	1.70%
3584	Tree	1954.5	5297.5	-181.5 L	24.9	596.1	1956	-35.16206	149.11396	1.27%
3593	Tree	2332.4	5675.4	167.6 R	28.2	599.5	1967	-35.16094	149.11547	1.21%
3594	Tree	2373.0	5716.0	190.1 R	30.6	601.8	1975	-35.16081	149.11557	1.29%
3515	Tree	2629.6	5972.6	6.9 R	31.6	602.9	1978	-35.15593	149.11494	1.20%
3510	Tree	2944.8	6287.8	158.2 R	38.6	609.9	2001	-35.15495	149.11564	1.31%
3511	Tree	3152.1	6495.1	484.1 R	53.7	625.0	2050	-35.15438	149.12100	1.70%
3580	Tree	3185.5	6528.5	411.1 R	57.5	628.8	2063	-35.15425	149.12072	1.81%
3509	Tree	3248.3	6591.3	415.1 R	58.7	630.0	2067	-35.15405	149.12076	1.81%
3583	Tree	3735.4	7078.4	364.8 R	60.2	631.5	2072	-35.15246	149.12073	1.61%
3522	Tree	3991.4	7334.4	403.4 R	74.6	645.9	2119	-35.15164	149.12097	1.87%
3521	Tree	4071.1	7414.1	519.7 R	85.2	656.4	2154	-35.15142	149.12145	2.09%
3523	Tree	4137.2	7480.2	599.6 R	102.7	674.0	2211	-35.15122	149.12179	2.48%
3524	Tree	4306.8	7649.8	206.3 R	110.4	681.7	2237	-35.15057	149.12030	2.56%
3525	Tree	4433.3	7776.3	205.7 R	126.3	697.6	2289	-35.15016	149.12034	2.85%
3527	Tree	4439.8	7782.8	502.4 R	138.5	709.8	2329	-35.15022	149.12151	3.12%
3529	Tree	4487.6	7830.6	519.6 R	140.8	712.1	2336	-35.15007	149.12160	3.14%
3608	Tree	4508.3	7851.3	478.4 R	142.2	713.5	2341	-35.14599	149.12144	3.15%
3526	Hazard Beacon	4570.5	7913.5	209.4 R	139.0	710.3	2330	-35.14571	149.12040	3.04%
3559	Tree	4583.6	7926.6	463.1 R	144.0	715.2	2347	-35.14574	149.12141	3.14%
3537	Tree	5904.3	9247.3	498.9 R	144.6	715.9	2349	-35.14148	149.12200	2.45%
3563	Tree	6223.8	9566.8	186.1 R	148.1	719.4	2360	-35.14036	149.12088	2.38%
3536	Tree	6231.8	9574.8	289.8 R	155.1	726.4	2383	-35.14037	149.12129	2.49%
3564	Tree	6354.4	9697.4	224.5 R	157.1	728.4	2390	-35.13595	149.12107	2.47%
3534	Tree	6645.6	9988.6	617.0 R	204.3	775.5	2544	-35.13512	149.12272	3.07%
3566	Tree	7873.0	11216.0	265.1 R	226.7	798.0	2618	-35.13106	149.12176	2.88%
3567	Tree	7979.0	11322.0	292.5 R	234.9	806.1	2645	-35.13072	149.12190	2.94%
3568	Tree	8149.6	11492.6	325.8 R	245.8	817.1	2681	-35.13018	149.12209	3.02%
3539	Tree	8191.1	11534.1	323.3 R	249.2	820.5	2692	-35.13004	149.12210	3.04%
3706	Tree	8244.9	11587.9	385.1 R	251.4	822.6	2699	-35.12589	149.12236	3.05%
Coordinates of Take Splay Origins:					RWY 17	569.23	1868	-35.190591	149.114002	
					RWY 35	571.27	1874	-35.172427	149.114002	

**CANBERRA AIRPORT - AUSTRALIA, ICAO TYPE A OPERATING CHART, MARCH 2025**

**SHEET 4 OF 4 - OBSTACLE DATA**

**AIRPORT SURVEYS**

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**17 TAKE OFF END**

Obstacle ID	Description	Distance from TODA End	Distance from TODA Start	Offset from Runway Centreline	Height of Obstacle Above Clearway End	Elevation (m)	Elevation (ft)	GDA2020		Take-Off Gradient	
								Latitude DD.MMSSs	Longitude DDD.MMSSs		
1901	Fence	265.4	3338.4	-121.2	L	3.3	572.6	1879	-35.19145	149.11448	1.25%
1806	Light pole	275.0	3348.0	-112.8	L	5.1	574.3	1884	-35.19148	149.11445	1.84%
1817	Road - 4.5m Transient Obstacle	277.3	3350.3	-124.6	L	5.5	574.8	1886	-35.19149	149.11450	2.00%
1839	Tree	299.8	3372.8	-124.1	L	6.5	575.8	1889	-35.19156	149.11449	2.18%
1833	Tree	323.0	3396.0	54.7	R	4.5	573.8	1882	-35.19164	149.11379	1.40%
1840	Tree	368.7	3441.7	-121.1	L	7.5	576.8	1892	-35.19179	149.11448	2.05%
1747	Tree	368.7	3441.7	-51.5	L	5.5	574.8	1886	-35.19179	149.11421	1.49%
1837	Tree	446.7	3519.7	133.6	R	5.4	574.6	1885	-35.19204	149.11347	1.20%
1746	Tree	490.0	3563.0	-132.0	L	8.5	577.8	1896	-35.19218	149.11453	1.74%
1836	Tree	513.4	3586.4	154.0	R	8.9	578.2	1897	-35.19226	149.11339	1.74%
1758	Tree	555.4	3628.4	9.3	R	8.1	577.4	1894	-35.19239	149.11397	1.46%
1821	Tree	591.1	3664.1	145.6	R	14.1	583.4	1914	-35.19251	149.11343	2.39%
1841	Tree	598.8	3671.8	-114.2	L	14.4	583.7	1915	-35.19253	149.11445	2.41%
1828	Tree	616.0	3689.0	100.1	R	14.6	583.9	1916	-35.19259	149.11361	2.37%
1804	Tree	622.6	3695.6	-56.7	L	13.8	583.0	1913	-35.19261	149.11423	2.21%
1802	Tree	633.0	3706.0	-127.4	L	15.7	585.0	1919	-35.19265	149.11451	2.48%
1759	Tree	635.8	3708.8	49.7	R	11.3	580.6	1905	-35.19265	149.11381	1.78%
1832	Tree	650.8	3723.8	5.4	R	9.1	578.4	1898	-35.19270	149.11398	1.40%
1816	Tree	686.5	3759.5	39.1	R	14.7	584.0	1916	-35.19282	149.11385	2.14%
1827	Tree	687.5	3760.5	16.0	R	14.2	583.5	1914	-35.19282	149.11394	2.07%
1842	Tree	713.1	3786.1	-142.6	L	14.4	583.7	1915	-35.19291	149.11457	2.02%
1826	Tree	733.1	3806.1	-13.4	L	13.8	583.1	1913	-35.19297	149.11406	1.88%
1843	Tree	793.2	3866.2	-156.6	L	16.0	585.3	1920	-35.19317	149.11462	2.02%
1707	Tree	941.6	4014.6	-113.7	L	16.5	585.8	1922	-35.19365	149.11445	1.75%
1803	Tree	1500.5	4573.5	-234.7	L	26.1	595.4	1953	-35.19546	149.11493	1.74%
1750	Tree	2111.8	5184.8	-117.4	L	29.6	598.9	1965	-35.20144	149.11447	1.40%
1831	Tree	2159.2	5232.2	-349.5	L	35.6	604.9	1985	-35.20160	149.11539	1.65%
1764	Electricity Pole	2876.6	5949.6	376.7	R	39.8	609.0	1998	-35.20392	149.11251	1.38%
1765	Electricity Pole	2900.6	5973.6	234.1	R	40.0	609.3	1999	-35.20400	149.11308	1.38%
1772	Tree	6641.2	9714.2	-827.7	L	101.4	670.6	2200	-35.22414	149.12128	1.53%
1725	Tree	6668.0	9741.0	-859.3	L	104.6	673.8	2211	-35.22423	149.12141	1.57%
1726	Tree	6671.8	9744.8	-900.2	L	110.6	679.9	2231	-35.22424	149.12157	1.66%
1728	Tree	8786.0	11859.0	-685.5	L	153.6	722.8	2371	-35.23510	149.12072	1.75%
1729	Tree	8835.2	11908.2	-734.8	L	155.0	724.2	2376	-35.23526	149.12092	1.75%
1731	Tree	9883.6	12956.6	-872.5	L	205.4	774.6	2541	-35.24266	149.12146	2.08%
1740	Tree	9984.6	13057.6	-880.8	L	209.4	778.7	2555	-35.24299	149.12150	2.10%
1739	Tree	10778.4	13851.4	-858.4	L	230.8	800.0	2625	-35.24556	149.12141	2.14%
1736	Tree	13896.8	16969.8	-898.1	L	280.9	850.2	2789	-35.26368	149.12157	2.02%

**35 TAKE OFF END**

Obstacle ID	Description	Distance from TODA End	Distance from TODA Start	Offset from Runway Centreline	Height of Obstacle Above Clearway End	Elevation (m)	Elevation (ft)	GDA2020		Take-Off Gradient	
								Latitude DD.MMSSs	Longitude DDD.MMSSs		
3713	Near Field Monitor Aerial	184.0	3527.0	0.0	R	2.8	574.0	1883	-35.17183	149.11400	1.51%
3704	Aerial on Building	310.9	3653.9	81.5	R	6.3	577.6	1895	-35.17142	149.11432	2.02%
3706	Ball on Fence	482.6	3825.6	146.0	R	8.9	580.2	1903	-35.17086	149.11458	1.84%
3708	Signpost	487.0	3830.0	133.9	R	9.3	580.6	1905	-35.17085	149.11453	1.91%
3710	Road - 4.5m Transient Obstacle	489.5	3832.5	150.0	R	10.8	582.1	1910	-35.17084	149.11460	2.21%
3501	DVOR Lightning Rod	942.8	4285.8	111.9	R	16.1	587.4	1927	-35.16537	149.11444	1.71%
3584	Tree	1962.9	5305.9	-10.5	L	24.9	596.1	1956	-35.16206	149.11396	1.27%
3587	Tree	2212.4	5555.4	-173.8	L	27.2	598.5	1964	-35.16125	149.11331	1.23%
3589	Tree	2269.8	5612.8	-194.0	L	28.7	599.9	1968	-35.16106	149.11323	1.26%
3515	Tree	2619.0	5962.0	236.0	R	31.6	602.9	1978	-35.15593	149.11494	1.21%
3510	Tree	2919.8	6262.8	414.2	R	38.6	609.9	2001	-35.15495	149.11564	1.32%
3503	Tree	3225.8	6568.8	-214.1	L	41.1	612.4	2009	-35.15396	149.11315	1.28%
3507	Tree	3283.3	6626.3	354.3	R	42.1	613.4	2012	-35.15377	149.11540	1.28%
3504	Tree	3401.1	6744.1	-292.7	L	45.6	616.8	2024	-35.15339	149.11284	1.34%
3579	Tree	3440.4	6783.4	456.4	R	50.7	622.0	2041	-35.15326	149.11581	1.47%
3582	Tree	3722.2	7065.2	534.3	R	58.9	630.2	2068	-35.15235	149.12011	1.58%
3524	Tree	4272.4	7615.4	580.8	R	110.4	681.7	2237	-35.15057	149.12030	2.58%
3525	Tree	4398.5	7741.5	591.3	R	126.3	697.6	2289	-35.15016	149.12034	2.87%
3526	Hazard Beacon	4534.9	7877.9	607.0	R	139.0	710.3	2330	-35.14571	149.12040	3.07%
3701	Tree	5914.3	9257.3	-821.4	L	267.6	838.9	2752	-35.14124	149.11075	4.52%

**35 TAKE OFF END, 5° ROTATED EAST**

Obstacle ID	Description	Distance from TODA End	Distance from TODA Start	Offset from Runway Centreline	Height of Obstacle Above Clearway End	Elevation (m)	Elevation (ft)	GDA2020		Take-Off Gradient
								Latitude DD.MMSSs	Longitude DDD.MMSSs	
3713	Near Field Monitor Aerial	183.3	3526.3	-16.1 L	2.8	574.0	1883	-35.17183	149.11400	1.51%
3712	Localiser Antenna	302.3	3645.3	-45.7 L	3.6	574.9	1886	-35.17144	149.11393	1.20%
3704	Aerial on Building	316.8	3659.8	54.1 R	6.3	577.6	1895	-35.17142	149.11432	1.98%
3604	Gate post	490.8	3833.8	148.7 R	10.4	581.6	1908	-35.17088	149.11476	2.11%
3605	Road - 4.5m Transient Obstacle	499.9	3842.9	152.1 R	12.2	583.5	1914	-35.17085	149.11477	2.44%
3501	DVOR Lightning Rod	949.0	4292.0	29.3 R	16.1	587.4	1927	-35.16537	149.11444	1.70%
3584	Tree	1954.5	5297.5	-181.5 L	24.9	596.1	1956	-35.16206	149.11396	1.27%
3593	Tree	2332.4	5675.4	167.6 R	28.2	599.5	1967	-35.16094	149.11547	1.21%
3594	Tree	2373.0	5716.0	190.1 R	30.6	601.8	1975	-35.16081	149.11557	1.29%
3515	Tree	2629.6	5972.6	6.9 R	31.6	602.9	1978	-35.15593	149.11494	1.20%
3510	Tree	2944.8	6287.8	158.2 R	38.6	609.9	2001	-35.15495	149.11564	1.31%
3511	Tree	3152.1	6495.1	484.1 R	53.7	625.0	2050	-35.15438	149.12100	1.70%
3580	Tree	3185.5	6528.5	411.1 R	57.5	628.8	2063	-35.15425	149.12072	1.81%
3509	Tree	3248.3	6591.3	415.1 R	58.7	630.0	2067	-35.15405	149.12076	1.81%
3583	Tree	3735.4	7078.4	364.8 R	60.2	631.5	2072	-35.15246	149.12073	1.61%
3522	Tree	3991.4	7334.4	403.4 R	74.6	645.9	2119	-35.15164	149.12097	1.87%
3521	Tree	4071.1	7414.1	519.7 R	85.2	656.4	2154	-35.15142	149.12145	2.09%
3523	Tree	4137.2	7480.2	599.6 R	102.7	674.0	2211	-35.15122	149.12179	2.48%
3524	Tree	4306.8	7649.8	206.3 R	110.4	681.7	2237	-35.15057	149.12030	2.56%
3525	Tree	4433.3	7776.3	205.7 R	126.3	697.6	2289	-35.15016	149.12034	2.85%
3527	Tree	4439.8	7782.8	502.4 R	138.5	709.8	2329	-35.15022	149.12151	3.12%
3529	Tree	4487.6	7830.6	519.6 R	140.8	712.1	2336	-35.15007	149.12160	3.14%
3608	Tree	4508.3	7851.3	478.4 R	142.2	713.5	2341	-35.14599	149.12144	3.15%
3526	Hazard Beacon	4570.5	7913.5	209.4 R	139.0	710.3	2330	-35.14571	149.12040	3.04%
3559	Tree	4583.6	7926.6	463.1 R	144.0	715.2	2347	-35.14574	149.12141	3.14%
3537	Tree	5904.3	9247.3	498.9 R	144.6	715.9	2349	-35.14148	149.12200	2.45%
3563	Tree	6223.8	9566.8	186.1 R	148.1	719.4	2360	-35.14036	149.12088	2.38%
3536	Tree	6231.8	9574.8	289.8 R	155.1	726.4	2383	-35.14037	149.12129	2.49%
3564	Tree	6354.4	9697.4	224.5 R	157.1	728.4	2390	-35.13595	149.12107	2.47%
3534	Tree	6645.6	9988.6	617.0 R	204.3	775.5	2544	-35.13512	149.12272	3.07%
3566	Tree	7873.0	11216.0	265.1 R	226.7	798.0	2618	-35.13106	149.12176	2.88%
3567	Tree	7979.0	11322.0	292.5 R	234.9	806.1	2645	-35.13072	149.12190	2.94%
3568	Tree	8149.6	11492.6	325.8 R	245.8	817.1	2681	-35.13018	149.12209	3.02%
3539	Tree	8191.1	11534.1	323.3 R	249.2	820.5	2692	-35.13004	149.12210	3.04%
3706	Tree	8244.9	11587.9	385.1 R	251.4	822.6	2699	-35.12589	149.12236	3.05%
<b>Coordinates of Take Splay Origins:</b>					<b>RWY 17</b>	<b>569.23</b>	<b>1868</b>	<b>-35.190591</b>	<b>149.114002</b>	
					<b>RWY 35</b>	<b>571.27</b>	<b>1874</b>	<b>-35.172427</b>	<b>149.114002</b>	