

Summary of STODAs (2021)														
RUNWAY	Max Grades		1.6%		1.9%		2.2%		2.5%		3.3%		5.0%	
	ID	Grade	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)
07	3326	4.33%	493	1356	493	1717	493	1982	842	2172	9431	2475	-	2620
25	1787	15.42%	2882	796	2053	1938	1787	2458	1787	2479	1787	2514	1787	2553
16L	1001	3.06%	2204	2450	2204	2482	1001	2499	1001	2509	-	2528	-	2528
16L Div	1001	3.17%	2204	2461	1001	2484	1001	2496	1001	2506	-	2528	-	2528
34R	4026	4.22%	2816	1552	2816	2028	418	2291	4509	2386	4026	2479	-	2498
16R	2738	35.32%	1267	3955	1267	4001	1267	4036	2738	4042	2738	4044	2738	4047
34L	2968	44.02%	1226	3455	1226	3707	5950	3840	5950	3936	2968	3993	2968	4015

	Worst STODAs (2021)												Worst Grades (2021)							
	1.6%		1.9%		2.2%		2.5%		3.3%		5.0%		ID	Grade	STODA					
	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)			1.6%	1.9%	2.2%	2.5%	3.3%	5.0%
Runway 07	493	1356	493	1717	493	1982	842	2172	9431	2475	-	2620	3326	4.33%	1890	2085	2253	2362	2513	2620
	854	1380	854	1732	842	1983	9431	2198	842	2475	-	2620	9431	4.15%	1565	1822	2018	2198	2475	2620
	842	1499	842	1776	854	1993	830	2206	830	2481	-	2620	830	4.11%	1570	1827	2025	2206	2481	2620
	2890	1564	9431	1822	9431	2018	2890	2207	2890	2483	-	2620	2890	4.08%	1564	1824	2023	2207	2483	2620
	9431	1565	2890	1824	2890	2023	493	2231	836	2510	-	2620	842	4.06%	1499	1776	1983	2172	2475	2620
	830	1570	830	1827	830	2025	854	2238	3326	2513	-	2620	5442	3.90%	1796	2011	2207	2346	2534	2620
	836	1595	836	1854	836	2059	836	2245	834	2532	-	2620	836	3.89%	1595	1854	2059	2245	2510	2620
	5906	1596	2941	1875	2941	2094	834	2286	5442	2534	-	2620	834	3.78%	1645	1896	2106	2286	2532	2620
	2941	1607	834	1896	834	2106	2941	2287	2941	2550	-	2620	9430	3.73%	1840	2058	2253	2381	2558	2620
Runway 25	834	1645	5906	1897	9510	2130	9510	2316	5443	2557	-	2620	5443	3.72%	1810	2032	2233	2370	2557	2620
	2882	796	2053	1938	1787	2458	1787	2479	1787	2514	1787	2553	1787	15.42%	2381	2427	2458	2479	2514	2553
	2179	1141	2179	1952	5438	2468	1670	2512	1670	2561	-	2590	1670	4.18%	2409	2457	2490	2512	2561	2590
	2053	1211	2882	2006	3993	2488	5438	2558	-	2590	-	2590	5909	2.81%	2445	2492	2521	2559	2590	2590
	3945	1430	324	2249	4392	2488	1702	2558	-	2590	-	2590	2841	2.75%	2465	2504	2529	2571	2590	2590
	4827	1502	2869	2263	1670	2490	5909	2559	-	2590	-	2590	1702	2.73%	2422	2480	2516	2558	2590	2590
	1785	1621	1785	2291	1702	2516	1700	2561	-	2590	-	2590	1700	2.71%	2424	2481	2518	2561	2590	2590
	2869	1625	2039	2317	1700	2518	2841	2571	-	2590	-	2590	5438	2.56%	2232	2365	2468	2558	2590	2590
	2039	1643	3993	2341	5909	2521	-	2590	-	2590	-	2590	4392	2.50%	2271	2394	2488	2590	2590	2590
Runway 16L	2875	1644	9541	2362	2053	2522	-	2590	-	2590	-	2590	3993	2.37%	2155	2341	2488	2590	2590	2590
	2293	1671	5438	2365	2841	2529	-	2590	-	2590	-	2590	4398	2.27%	2316	2441	2534	2590	2590	2590
	2204	2450	2204	2482	1001	2499	1001	2509	-	2528	-	2528	1001	3.06%	2470	2486	2499	2509	2528	2528
	1001	2470	1001	2486	2204	2507	-	2528	-	2528	-	2528	2204	2.42%	2450	2482	2507	2528	2528	2528
	4378	2488	4372	2519	-	2528	-	2528	-	2528	-	2528	4372	1.91%	2490	2519	2528	2528	2528	2528
	4372	2490	-	2528	-	2528	-	2528	-	2528	-	2528	4378	1.88%	2488	2528	2528	2528	2528	2528
	4376	2493	-	2528	-	2528	-	2528	-	2528	-	2528	4376	1.84%	2493	2528	2528	2528	2528	2528
	4370	2504	-	2528	-	2528	-	2528	-	2528	-	2528	4356	1.83%	2509	2528	2528	2528	2528	2528
	4374	2505	-	2528	-	2528	-	2528	-	2528	-	2528	4352	1.83%	2509	2528	2528	2528	2528	2528
	4364	2506	-	2528	-	2528	-	2528	-	2528	-	2528	4354	1.83%	2509	2528	2528	2528	2528	2528
	4366	2506	-	2528	-	2528	-	2528	-	2528	-	2528	4358	1.78%	2508	2528	2528	2528	2528	2528
	4368	2506	-	2528	-	2528	-	2528	-	2528	-	2528	4362	1.78%	2508	2528	2528	2528	2528	2528

	Worst STODAs (2021)												Worst Grades (2021)							
	1.6%		1.9%		2.2%		2.5%		3.3%		5.0%		ID	Grade	STODA					
	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)			1.6%	1.9%	2.2%	2.5%	3.3%	5.0%
Runway 16L - Diverging	2204	2461	1001	2484	1001	2496	1001	2506	-	2528	-	2528	1001	3.17%	2467	2484	2496	2506	2528	2528
	1001	2467	2204	2494	2204	2520	-	2528	-	2528	-	2528	2204	2.21%	2461	2494	2520	2528	2528	2528
	4378	2481	4372	2514	-	2528	-	2528	-	2528	-	2528	4356	1.98%	2503	2517	2528	2528	2528	2528
	4372	2484	4378	2515	-	2528	-	2528	-	2528	-	2528	4372	1.98%	2484	2514	2528	2528	2528	2528
	4376	2487	4356	2517	-	2528	-	2528	-	2528	-	2528	4378	1.95%	2481	2515	2528	2528	2528	2528
	4374	2496	4376	2519	-	2528	-	2528	-	2528	-	2528	4376	1.91%	2487	2519	2528	2528	2528	2528
	4368	2498	-	2528	-	2528	-	2528	-	2528	-	2528	4362	1.90%	2501	2528	2528	2528	2528	2528
	4380	2500	-	2528	-	2528	-	2528	-	2528	-	2528	4354	1.89%	2506	2528	2528	2528	2528	2528
	4366	2501	-	2528	-	2528	-	2528	-	2528	-	2528	4368	1.87%	2498	2528	2528	2528	2528	2528
	4362	2501	-	2528	-	2528	-	2528	-	2528	-	2528	4374	1.85%	2496	2528	2528	2528	2528	2528
Runway 34R	2816	1552	2816	2028	418	2291	4509	2386	4026	2479	-	2498	4026	4.22%	2409	2432	2447	2459	2479	2498
	4781	1558	4781	2045	4349	2306	4349	2387	5409	2483	-	2498	5409	3.54%	2330	2379	2414	2441	2483	2498
	2818	1578	2818	2052	4509	2306	4486	2393	-	2498	-	2498	4030	3.26%	2406	2436	2453	2469	2498	2498
	1189	1699	1189	2142	2634	2310	4351	2397	-	2498	-	2498	4509	3.08%	2065	2201	2306	2386	2498	2498
	4365	1740	418	2155	4486	2313	418	2399	-	2498	-	2498	4349	3.06%	2060	2199	2306	2387	2498	2498
	6604	1914	2634	2192	4351	2315	4339	2400	-	2498	-	2498	4486	3.06%	2077	2210	2313	2393	2498	2498
	418	1967	4349	2199	2610	2316	4347	2400	-	2498	-	2498	4351	3.03%	2076	2211	2315	2397	2498	2498
	2634	2037	4509	2201	4347	2318	2634	2401	-	2498	-	2498	4339	3.01%	2079	2214	2318	2400	2498	2498
	4214	2049	2610	2203	4339	2318	2610	2404	-	2498	-	2498	4347	3.00%	2078	2213	2318	2400	2498	2498
	2610	2055	4486	2210	9539	2350	2422	2430	-	2498	-	2498	2610	2.93%	2055	2203	2316	2404	2498	2498
Runway 16R	1267	3955	1267	4001	1267	4036	2738	4042	2738	4044	2738	4047	2738	35.32%	4036	4039	4040	4042	4044	4047
	2426	3966	2426	4008	2426	4040	2754	4046	-	4053	-	4053	2754	2.89%	4027	4036	4041	4046	4053	4053
	1513	3968	1513	4012	2738	4040	-	4053	-	4053	-	4053	1267	2.35%	3955	4001	4036	4053	4053	4053
	1531	3983	1531	4025	2754	4041	-	4053	-	4053	-	4053	2426	2.32%	3966	4008	4040	4053	4053	4053
	1535	3986	1535	4028	1513	4044	-	4053	-	4053	-	4053	1513	2.26%	3968	4012	4044	4053	4053	4053
	1533	3992	1533	4032	-	4053	-	4053	-	4053	-	4053	1531	2.13%	3983	4025	4053	4053	4053	4053
	2812	3999	2754	4036	-	4053	-	4053	-	4053	-	4053	1535	2.10%	3986	4028	4053	4053	4053	4053
	2216	4019	2738	4039	-	4053	-	4053	-	4053	-	4053	1533	2.07%	3992	4032	4053	4053	4053	4053
	1539	4022	2812	4041	-	4053	-	4053	-	4053	-	4053	2812	1.98%	3999	4041	4053	4053	4053	4053
	2754	4027	2758	4047	-	4053	-	4053	-	4053	-	4053	2758	1.96%	4037	4047	4053	4053	4053	4053
Runway 34L	1226	3455	1226	3707	5950	3840	5950	3936	2968	3993	2968	4015	2968	44.02%	3928	3948	3964	3974	3993	4015
	3032	3470	5950	3724	1226	3884	2968	3974	2966	3994	2966	4016	2966	43.10%	3930	3950	3965	3975	3994	4016
	3433	3525	3032	3745	5952	3895	2966	3975	2967	3994	2967	4016	2967	42.82%	3930	3950	3965	3975	3994	4016
	3430	3542	5952	3773	9481	3933	2967	3975	2971	4008	2971	4035	2971	7.38%	3927	3952	3971	3984	4008	4035
	3436	3554	3433	3779	5433	3934	2971	3984	2970	4008	2970	4035	2970	7.35%	3927	3953	3971	3984	4008	4035
	3033	3555	3430	3783	5422	3944	2970	3984	2969	4009	2969	4035	2969	7.34%	3928	3953	3971	3984	4009	4035
	5950	3559	3077	3787	3077	3945	2969	3984	2977	4037	-	4053	2977	3.75%	3925	3960	3984	4003	4037	4053
	3443	3562	3436	3802	3032	3947	5952	3989	2976	4037	-	4053	2976	3.74%	3925	3960	3985	4003	4037	4053
	3577	3586	3033	3805	5423	3947	5433	3995	2975	4037	-	4053	2975	3.74%	3926	3961	3985	4003	4037	4053
	3077	3587	3431	3825	5430	3954	5422	3999	2980	4046	-	4053	2980	3.39%	3910	3953	3983	4005	4046	4053

Sydney Airport
2021 STODAs
Runway 07
Obstacle Database: 220321

Summary of STODAs													
Max Grade		1.6%		1.9%		2.2%		2.5%		3.3%		5.0%	
ID	Grade	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)
3326	4.33%	493	1356	493	1717	493	1982	842	2172	9431	2475	-	2620

Worst STODAs											
1.6%		1.9%		2.2%		2.5%		3.3%		5.0%	
ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)
493	1356	493	1717	493	1982	842	2172	9431	2475	-	2620
854	1380	854	1732	842	1983	9431	2198	842	2475	-	2620
842	1499	842	1776	854	1993	830	2206	830	2481	-	2620
2890	1564	9431	1822	9431	2018	2890	2207	2890	2483	-	2620
9431	1565	2890	1824	2890	2023	493	2231	836	2510	-	2620
830	1570	830	1827	830	2025	854	2238	3326	2513	-	2620
836	1595	836	1854	836	2059	836	2245	834	2532	-	2620
5906	1596	2941	1875	2941	2094	834	2286	5442	2534	-	2620
2941	1607	834	1896	834	2106	2941	2287	2941	2550	-	2620
834	1645	5906	1897	9510	2130	9510	2316	5443	2557	-	2620

Worst GRADES							
ID	Grade	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%
3326	4.33%	1890	2085	2253	2362	2513	2620
9431	4.15%	1565	1822	2018	2198	2475	2620
830	4.11%	1570	1827	2025	2206	2481	2620
2890	4.08%	1564	1824	2023	2207	2483	2620
842	4.06%	1499	1776	1983	2172	2475	2620
5442	3.90%	1796	2011	2207	2346	2534	2620
836	3.89%	1595	1854	2059	2245	2510	2620
834	3.78%	1645	1896	2106	2286	2532	2620
9430	3.73%	1840	2058	2253	2381	2558	2620
5443	3.72%	1810	2032	2233	2370	2557	2620

ID	Ch	OS	RL	MAX	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
185	8139.1	-68.9	101.00	1.72%	2086	2620	2620	2620	2620	2620	Fig Tree
187	8157.4	12.3	96.86	1.64%	2481	2620	2620	2620	2620	2620	Norfolk Pine Tree
493	3620.8	-121.5	39.80	3.38%	1356	1717	1982	2231	2594	2620	Gum Tree Group
830	3195.0	100.7	29.62	4.11%	1570	1827	2025	2206	2481	2620	Gum Tree
834	3225.5	90.4	28.90	3.78%	1645	1896	2106	2286	2532	2620	Gum Tree
836	3231.9	86.5	29.81	3.89%	1595	1854	2059	2245	2510	2620	Gum Tree
842	3250.1	72.0	31.63	4.06%	1499	1776	1983	2172	2475	2620	Gum Tree
854	3594.1	-106.1	39.00	3.39%	1380	1732	1993	2238	2592	2620	Gum Tree
1258	2626.8	0.1	7.49	21.49%	2534	2549	2559	2568	2581	2595	RWY07 Localiser Monitoring point
2312	7982.1	-215.5	93.43	1.63%	2517	2620	2620	2620	2620	2620	Mobile Phone Tower
2890	3205.6	102.7	29.88	4.08%	1564	1824	2023	2207	2483	2620	Tree
2941	3297.4	77.3	30.67	3.64%	1607	1875	2094	2287	2550	2620	Tree
3326	2961.3	122.9	20.79	4.33%	1890	2085	2253	2362	2513	2620	Tree
4831	8052.2	-86.4	96.58	1.67%	2383	2620	2620	2620	2620	2620	Norfolk Pine Tree
5442	3089.0	119.2	24.31	3.90%	1796	2011	2207	2346	2534	2620	Tree
5443	3119.1	116.2	24.56	3.72%	1810	2032	2233	2370	2557	2620	Tree
5906	3492.4	63.8	33.96	3.20%	1596	1897	2157	2367	2620	2620	Gum Tree
9430	3094.4	113.8	23.70	3.73%	1840	2058	2253	2381	2558	2620	Tree
9431	3188.6	101.7	29.60	4.15%	1565	1822	2018	2198	2475	2620	Tree
9502	8122.8	-96.0	99.17	1.69%	2247	2620	2620	2620	2620	2620	Gum Tree
9510	3286.2	66.8	29.85	3.58%	1647	1907	2130	2316	2564	2620	TREE
12	2959.7	-3.9	14.02	2.36%	2462	2538	2592	2620	2620	2620	Elec Pole with Light
18	2968.6	0.4	14.63	2.47%	2431	2514	2576	2620	2620	2620	Elec Pole with Light
20	2973.1	-23.9	15.47	2.68%	2371	2477	2543	2592	2620	2620	Elec Pole with Light
22	2973.1	-56.3	14.53	2.41%	2443	2524	2584	2620	2620	2620	Elec Pole with Light
24	2971.5	-93.8	15.00	2.56%	2405	2499	2563	2605	2620	2620	Elec Pole with Light
36	2968.2	20.0	14.33	2.39%	2451	2530	2588	2620	2620	2620	Light Pole
39	3113.7	28.1	20.00	2.83%	2145	2367	2479	2554	2620	2620	Sewer Vent
45	3712.8	37.3	28.80	2.09%	2228	2513	2620	2620	2620	2620	Pine Tree
48	4196.7	264.5	36.66	1.94%	2215	2582	2620	2620	2620	2620	Traffic Camera+Mobile phone
49	3955.4	-109.6	28.43	1.68%	2554	2620	2620	2620	2620	2620	Pine Tree
50	2724.9	-3.0	7.70	1.61%	2607	2620	2620	2620	2620	2620	07 Localiser
53	4019.3	-109.2	29.11	1.65%	2575	2620	2620	2620	2620	2620	Gum and Pines
57	4282.5	-74.1	34.87	1.74%	2481	2620	2620	2620	2620	2620	Pine Tree
58	2741.0	27.0	8.27	1.87%	2594	2620	2620	2620	2620	2620	Blast Deflector S join (highest point)
60	2728.9	63.2	8.05	1.87%	2595	2620	2620	2620	2620	2620	Blast Deflector S end
67	7988.3	-255.7	92.90	1.62%	2557	2620	2620	2620	2620	2620	Trig Station atop water tower
77	4540.3	122.2	44.62	2.01%	1987	2508	2620	2620	2620	2620	Mobile Phone Tower
98	2756.4	38.7	9.23	2.36%	2555	2585	2603	2620	2620	2620	Light Pole
99	2728.1	-18.9	7.89	1.73%	2602	2620	2620	2620	2620	2620	Obstruction Light (Lit 1/1)
100	2748.2	67.8	9.21	2.49%	2548	2580	2598	2620	2620	2620	Light Pole
101	2728.1	19.5	7.87	1.72%	2603	2620	2620	2620	2620	2620	Obstruction Light (Lit 1/1)
102	2740.4	95.5	9.12	2.58%	2546	2576	2595	2608	2620	2620	Light Pole
109	2961.1	41.6	14.43	2.47%	2437	2517	2578	2620	2620	2620	Light Pole
113	2925.1	115.8	14.28	2.71%	2403	2491	2549	2591	2620	2620	Light Pole
115	2937.3	88.9	15.56	3.01%	2313	2437	2504	2555	2620	2620	Light Pole
117	2953.2	103.0	15.12	2.73%	2373	2476	2539	2587	2620	2620	Light Pole
119	2954.8	122.6	13.88	2.35%	2465	2540	2593	2620	2620	2620	Light Pole
125	3023.4	136.6	16.70	2.65%	2335	2463	2537	2593	2620	2620	Light Pole
127	3057.9	135.0	16.70	2.44%	2380	2496	2572	2620	2620	2620	Light Pole
137	3079.3	117.5	21.55	3.38%	1965	2201	2363	2459	2604	2620	Gum Tree
139	3071.7	103.6	16.47	2.31%	2415	2520	2593	2620	2620	2620	TV Antenna (used to be Chimney at 15.5)
143	3188.5	60.8	18.79	2.25%	2381	2515	2601	2620	2620	2620	Tile Roof of House
194	3055.1	83.3	16.45	2.40%	2396	2506	2580	2620	2620	2620	Flood Light
198	3074.6	68.0	15.25	2.03%	2498	2586	2620	2620	2620	2620	Flood Light
200	3092.5	60.4	16.81	2.29%	2414	2523	2597	2620	2620	2620	Flood Light
203	2773.5	-84.6	9.04	1.97%	2582	2605	2620	2620	2620	2620	Light Pole
204	3488.6	-179.8	26.70	2.38%	2076	2394	2548	2620	2620	2620	Tree
205	2774.3	-69.3	9.10	2.00%	2580	2603	2620	2620	2620	2620	Light Pole
206	3484.6	-171.0	25.61	2.27%	2179	2455	2590	2620	2620	2620	Tree
207	2774.3	-50.0	9.13	2.02%	2579	2602	2620	2620	2620	2620	Light Pole
209	2772.3	-30.6	9.20	2.09%	2573	2598	2620	2620	2620	2620	Light Pole
210	4343.8	-112.4	36.35	1.76%	2450	2620	2620	2620	2620	2620	Tree
211	2770.5	-14.0	9.09	2.05%	2577	2601	2620	2620	2620	2620	Light Pole
343	3189.2	75.1	25.76	3.47%	1806	2041	2255	2395	2589	2620	Gum Tree
349	3000.8	-66.2	15.67	2.54%	2389	2494	2562	2607	2620	2620	G.I. Factory Roof
352	7826.7	-586.5	92.50	1.66%	2419	2620	2620	2620	2620	2620	Pine Tree
357	3800.0	50.1	25.02	1.61%	2603	2620	2620	2620	2620	2620	Group of Shrubs
358	7904.3	-582.8	96.40	1.71%	2171	2620	2620	2620	2620	2620	Tree
359	3700.1	29.8	24.53	1.71%	2542	2620	2620	2620	2620	2620	Pine Tree
380	3528.6	61.5	33.70	3.05%	1649	1949	2225	2420	2620	2620	Sheoak
382	3563.9	58.9	32.39	2.79%	1766	2074	2353	2508	2620	2620	Sheoak
384	3626.9	95.9	27.26	2.11%	2244	2508	2620	2620	2620	2620	Tree
465	3600.3	-58.0	31.22	2.57%	1877	2220	2456	2589	2620	2620	Stringy Bark
467	3608.0	-46.9	26.88	2.11%	2252	2509	2620	2620	2620	2620	Stringy Bark

Sydney Airport
2021 STODAs
Runway 07
Obstacle Database: 220321

ID	Ch	OS	RL	MAX	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
469	3621.6	-35.9	29.52	2.35%	2017	2376	2553	2620	2620	2620	Stringy Bark
470	2713.7	-82.4	7.63	1.73%	2603	2620	2620	2620	2620	2620	Eastern Lighting Equipment Rood (ELER)
471	3628.6	-40.6	29.20	2.30%	2053	2404	2574	2620	2620	2620	Stringy Bark
521	3733.8	-132.8	24.26	1.64%	2589	2620	2620	2620	2620	2620	Pine Tree
523	3745.7	-123.2	27.10	1.87%	2428	2620	2620	2620	2620	2620	Gum and Pines
535	3773.9	-122.7	30.32	2.11%	2171	2496	2620	2620	2620	2620	Gum and Pines
549	3832.5	-111.2	28.00	1.81%	2461	2620	2620	2620	2620	2620	Gum Tree
555	3848.2	-119.0	25.68	1.60%	2607	2620	2620	2620	2620	2620	Gum
563	3867.9	-109.2	34.18	2.26%	1964	2377	2586	2620	2620	2620	Gum Tree
595	4029.3	-89.8	29.07	1.64%	2585	2620	2620	2620	2620	2620	Pines and Gums
617	4235.4	-81.3	32.38	1.63%	2585	2620	2620	2620	2620	2620	Pine Trees
680	8208.4	187.6	96.00	1.61%	2583	2620	2620	2620	2620	2620	Gum
731	2719.4	102.4	8.44	2.44%	2567	2588	2602	2620	2620	2620	Perimeter Road Crown (plus 3.6m)
780	3255.3	-157.2	26.78	3.27%	1808	2057	2283	2424	2620	2620	Gum Tree
782	3051.0	57.9	15.88	2.29%	2437	2532	2598	2620	2620	2620	Vent Pipe
812	3132.0	115.3	23.86	3.49%	1868	2098	2296	2416	2589	2620	Row of Sheoaks
824	3138.1	114.2	24.14	3.50%	1857	2086	2287	2411	2587	2620	Row of Sheoaks
826	3150.2	114.4	23.23	3.25%	1927	2175	2357	2463	2620	2620	Row of Sheoaks
827	2737.9	104.7	8.31	1.94%	2590	2607	2620	2620	2620	2620	Road Crown (plus 4.3m)
828	3173.6	105.3	24.29	3.30%	1884	2126	2326	2444	2612	2620	Gum Tree
838	3218.0	86.4	25.71	3.29%	1838	2082	2299	2431	2620	2620	Gum Tree
841	2815.4	-114.3	10.53	2.31%	2533	2577	2603	2620	2620	2620	Road (West Edge) (plus 4.6m)
844	3542.5	-104.4	26.52	2.22%	2181	2465	2603	2620	2620	2620	Gum Tree
846	3568.5	-111.6	30.52	2.58%	1889	2227	2456	2586	2620	2620	Gum Tree
849	2801.6	-0.2	11.07	2.78%	2488	2535	2572	2595	2620	2620	Road (West Edge) (plus 4.6m)
855	2764.9	108.1	10.67	3.22%	2476	2518	2553	2578	2620	2620	Road (West Edge) (plus 4.6m)
867	3074.5	-92.0	17.60	2.55%	2327	2466	2547	2604	2620	2620	SW cnr Conc Building
869	3087.9	-85.7	17.60	2.48%	2346	2480	2561	2620	2620	2620	SE cnr Conc Building
871	3112.1	-136.8	17.60	2.35%	2378	2503	2584	2620	2620	2620	NE cnr Conc Building
873	3146.4	-107.9	17.50	2.18%	2429	2542	2620	2620	2620	2620	Blue Conc Sail
875	3119.3	-70.2	16.45	2.09%	2469	2570	2620	2620	2620	2620	Green Conc Sail
884	3105.8	70.8	19.18	2.71%	2218	2409	2507	2579	2620	2620	Gum Tree
983	2947.4	55.8	14.01	2.44%	2450	2526	2583	2620	2620	2620	Light pole
1162	3113.3	-45.4	19.09	2.65%	2240	2425	2518	2588	2620	2620	Gum Tree
1263	3627.8	-21.8	31.37	2.52%	1895	2249	2477	2606	2620	2620	Tree
1264	3509.7	-131.4	24.73	2.10%	2311	2523	2620	2620	2620	2620	Tree
1270	3787.7	58.4	33.50	2.35%	1923	2319	2538	2620	2620	2620	Tree
1271	3783.7	68.8	27.61	1.86%	2436	2620	2620	2620	2620	2620	Tree
1725	2742.2	-58.6	9.40	2.77%	2530	2564	2586	2601	2620	2620	Aerial
1738	3350.7	82.8	30.39	3.34%	1678	1945	2186	2368	2606	2620	Tree
1739	3269.9	146.9	27.20	3.26%	1796	2047	2276	2421	2620	2620	Tree
1776	2744.1	-58.2	9.40	2.73%	2532	2566	2588	2603	2620	2620	Aerial
1803	3297.5	137.7	25.17	2.83%	1956	2243	2426	2531	2620	2620	Tree
2322	3787.9	-48.1	35.34	2.51%	1806	2175	2457	2607	2620	2620	Tree
2324	4622.6	-59.6	38.80	1.64%	2573	2620	2620	2620	2620	2620	Norfolk Pine Tree
2892	4342.8	-124.2	38.23	1.87%	2295	2620	2620	2620	2620	2620	Pine Tree
2894	4422.5	-84.3	39.37	1.85%	2308	2620	2620	2620	2620	2620	Pine Tree
2895	4400.8	-141.5	35.23	1.64%	2574	2620	2620	2620	2620	2620	Tree
2955	2994.8	136.4	18.75	3.40%	2080	2295	2413	2486	2604	2620	Tree
3112	3125.8	-132.1	23.06	3.37%	1913	2151	2336	2446	2604	2620	Tree
3114	3295.9	-138.9	26.44	3.02%	1871	2139	2356	2480	2620	2620	Norfolk Pine Tree
3115	3409.0	-20.5	27.95	2.78%	1890	2190	2408	2531	2620	2620	Tree
3185	3138.1	-45.9	22.89	3.26%	1937	2184	2361	2465	2620	2620	Tree
3315	2697.9	-88.6	7.31	1.67%	2605	2620	2620	2620	2620	2620	Road surface (plus 3.6m)
3332	3048.7	105.2	19.58	3.16%	2083	2311	2433	2506	2620	2620	Tree
3334	3072.7	-135.8	19.89	3.07%	2090	2321	2444	2517	2620	2620	Tree
3335	3073.1	94.5	20.00	3.09%	2080	2314	2439	2513	2620	2620	Tree
3339	3124.4	-79.4	21.65	3.10%	2010	2261	2411	2500	2620	2620	Tree
3340	3127.5	-90.7	20.99	2.95%	2069	2317	2448	2528	2620	2620	Tree
3341	3184.5	-1.6	17.61	2.05%	2462	2574	2620	2620	2620	2620	Power Pole
3342	3191.1	22.6	20.69	2.57%	2203	2416	2523	2599	2620	2620	Tree
3343	3169.1	30.6	17.73	2.13%	2439	2552	2620	2620	2620	2620	Power Pole
3344	3170.7	49.9	19.17	2.39%	2325	2480	2573	2620	2620	2620	Palm Tree
3345	3230.3	-0.7	19.58	2.22%	2371	2515	2606	2620	2620	2620	Palm Tree
3347	3301.8	-125.6	21.00	2.20%	2349	2512	2620	2620	2620	2620	Aerial atop block of flats
3348	3334.5	-94.7	26.01	2.80%	1938	2232	2425	2534	2620	2620	Tree
3350	3730.3	13.4	28.63	2.04%	2274	2540	2620	2620	2620	2620	Tree
3351	3729.1	48.3	29.70	2.14%	2160	2484	2620	2620	2620	2620	Tree
3668	2950.5	-0.1	16.76	3.25%	2211	2376	2464	2519	2620	2620	Port Botany Rail (plus 5.3m)
3791	2958.7	16.2	16.67	3.15%	2234	2392	2476	2532	2620	2620	Port Botany Rail (plus 5.3m)
3879	2986.2	57.9	16.60	2.89%	2287	2430	2505	2563	2620	2620	Port Botany Rail (plus 5.3m)
3881	3020.7	94.0	16.70	2.67%	2331	2460	2535	2590	2620	2620	Port Botany Rail (plus 5.3m)
3883	3060.1	124.8	16.88	2.47%	2370	2490	2566	2620	2620	2620	Port Botany Rail (plus 5.3m)
3885	3097.8	149.2	16.98	2.30%	2408	2519	2595	2620	2620	2620	Port Botany Rail (plus 5.3m)
3939	2647.5	43.3	6.47	1.66%	2607	2620	2620	2620	2620	2620	Frangible PVC marker
3969	3010.7	-115.0	17.77	3.01%	2206	2384	2478	2540	2620	2620	Tree
3973	2930.2	-128.6	15.16	2.95%	2340	2451	2514	2564	2620	2620	Port Botany Rail (plus 5.3m)
3976	3492.7	79.2	32.40	3.02%	1694	1986	2258	2439	2620	2620	Tree
4430	2979.4	-84.8	18.09	3.36%	2121	2323	2431	2497	2607	2620	Tree
4468	2787.8	-32.8	11.45	3.24%	2450	2502	2540	2570	2620	2620	Shrub
4469	2983.0	-100.5	17.55	3.18%	2183	2365	2460	2520	2620	2620	Tree
4471	2951.6	37.1	14.59	2.58%	2412	2501	2562	2603	2620	2620	Light pole
4474	2956.4	84.4	13.65	2.27%	2481	2554	2602	2620	2620	2620	Light pole
4475	3071.4	40.1	16.92	2.42%	2380	2498	2575	2620	2620	2620	Vent on building
4476	3041.6	64.7	16.35	2.45%	2387	2498	2571	2620	2620	2620	Palm Tree
4480	3043.1	67.5	15.95	2.35%	2420	2519	2589	2620	2620	2620	Palm Tree
4481	3569.8	-1.6	26.92	2.20%	2184	2471	2609	2620	2620	2620	Norfolk Pine Tree
4482	3568.0	-75.2	27.89	2.31%	2083	2414	2573	2620	2620	2620	Tree
4483	3650.5	54.6	28.65	2.20%	2138	2461	2620	2620	2620	2620	Tree
4489	3014.8	38.9	16.06	2.55%	2376	2487	2558	2606	2620	2620	Tree
4490	3114.4	-150.7	16.99	2.22%	2429	2536	2607	2620	2620	2620	Air conditioning unit atop building
4606	2719.8	88.6	7.90	1.89%	2596	2620	2620	2620	2620	2620	Sign
4607	2764.7	9.1	9.12	2.15%	2570	2596	2620	2620	2620	2620	Light Pole
4608	2772.0	106.3	9.00	1.97%	2583	2605	2620	2620	2620	2620	Light Pole
4609	2755.8	101.4	8.52	1.85%	2593	2620	2620	2620	2620	2620	Light Pole
4610	2768.7	48.5	9.30	2.21%	2563	2591	2609	2620	2620	2620	Traffic sign
4611	2812.3	-108.1	9.61	1.87%	2585	2620	2620	2620	2620	2620	Light Pole
4612	2803.7	1.0	9.67	1.99%	2575	2603	2620	2620	2620	2620	Light Pole
4613	2784.2	-4.9	9.14	1.90%	2586	2609	2620	2620	2620	2620	Light Pole
4615	2778.1	16.2	9.13	1.97%	2582	2605	2620	2620	2620	2620	Light Pole
4616	2775.0	26.7	9.07	1.97%	2582	2605	2620	2620	2620	2620	Light Pole
4617	2771.9	37.3	9.06	2.01%	2580	2603	2620	2620	2620	2620	Light Pole
4618	2769.0	47.9	9.03	2.02%	2580	2602	2620	2620	2620	2620	Light Pole
4619	2766.3	58.7	8.97	2.02%	2580	2603	2620	2620	2620	2620	Light Pole
4620	2763.8	69.9	8.77	1.92%	2588	2608	2620	2620	2620	2620	Light Pole
4621	2761.5	80.1	8.55	1.79%	2596	2620	2620	2620	2620	2620	Light Pole
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Sydney Airport
2021 STODAs
Runway 07
Obstacle Database: 220321

ID	Ch	OS	RL	MAX	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
4625	2811.2	-103.2	9.56	1.86%	2586	2620	2620	2620	2620	2620	Pole
4626	2810.4	-98.6	9.61	1.89%	2584	2620	2620	2620	2620	2620	Light Pole
4627	2808.1	-88.8	9.68	1.95%	2578	2605	2620	2620	2620	2620	Light Pole
4628	2805.4	-78.6	9.68	1.98%	2575	2604	2620	2620	2620	2620	Light Pole
4629	2802.5	-67.1	9.49	1.90%	2583	2608	2620	2620	2620	2620	Light Pole
4630	2802.5	-66.4	9.42	1.86%	2587	2620	2620	2620	2620	2620	Sign
4631	2798.5	-58.2	9.21	1.79%	2593	2620	2620	2620	2620	2620	Light Pole
4632	2795.5	-47.5	9.30	1.87%	2587	2620	2620	2620	2620	2620	Light Pole
4633	2816.9	-41.1	9.77	1.91%	2581	2608	2620	2620	2620	2620	Light Pole
4634	2789.2	-26.3	9.06	1.80%	2594	2620	2620	2620	2620	2620	Light Pole
4635	2813.6	-30.5	9.73	1.92%	2581	2607	2620	2620	2620	2620	Light Pole
4636	2810.3	-20.0	9.71	1.94%	2579	2606	2620	2620	2620	2620	Light Pole
4637	2787.4	-15.5	9.14	1.87%	2588	2620	2620	2620	2620	2620	Light Pole
4638	2807.0	-9.5	9.70	1.97%	2576	2604	2620	2620	2620	2620	Light Pole
4639	2785.5	-9.9	9.21	1.93%	2583	2607	2620	2620	2620	2620	Sign
4640	2781.2	5.6	9.11	1.92%	2585	2607	2620	2620	2620	2620	Light Pole
4641	2800.6	11.5	9.45	1.90%	2584	2608	2620	2620	2620	2620	Light Pole
4642	2797.4	21.9	9.42	1.92%	2583	2608	2620	2620	2620	2620	Light Pole
4643	2815.5	27.1	9.74	1.91%	2581	2608	2620	2620	2620	2620	Light Pole
4644	2794.1	32.4	9.39	1.94%	2582	2606	2620	2620	2620	2620	Light Pole
4645	2812.3	37.7	9.65	1.89%	2583	2620	2620	2620	2620	2620	Light Pole
4646	2790.8	43.1	9.34	1.95%	2581	2606	2620	2620	2620	2620	Light Pole
4647	2787.6	53.5	9.35	1.99%	2578	2603	2620	2620	2620	2620	Light Pole
4648	2806.5	58.7	9.47	1.85%	2587	2620	2620	2620	2620	2620	Light Pole
4649	2784.5	64.0	9.12	1.89%	2587	2620	2620	2620	2620	2620	Light Pole
4650	2803.3	69.6	9.46	1.88%	2585	2620	2620	2620	2620	2620	Light Pole
4651	2781.2	74.6	9.12	1.92%	2585	2607	2620	2620	2620	2620	Light Pole
4652	2800.3	80.0	9.45	1.91%	2583	2608	2620	2620	2620	2620	Light Pole
4653	2797.3	90.5	9.45	1.94%	2581	2606	2620	2620	2620	2620	Light Pole
4654	2794.4	101.2	9.43	1.96%	2580	2605	2620	2620	2620	2620	Light Pole
4655	2852.6	-102.1	10.56	1.96%	2568	2604	2620	2620	2620	2620	Sign
4656	2849.8	-90.6	10.44	1.93%	2573	2607	2620	2620	2620	2620	Sign
4657	2841.9	-87.6	10.48	2.01%	2562	2600	2620	2620	2620	2620	Sign
4658	2827.9	-81.8	10.15	1.99%	2569	2602	2620	2620	2620	2620	Sign
4660	2827.5	-80.8	9.97	1.91%	2579	2608	2620	2620	2620	2620	Light Pole
4661	2825.3	-72.0	10.01	1.95%	2575	2605	2620	2620	2620	2620	Light Pole
4662	2823.0	-62.4	10.01	1.97%	2573	2604	2620	2620	2620	2620	Light Pole
4664	2838.2	-58.2	10.28	1.96%	2571	2604	2620	2620	2620	2620	Light Pole
4666	2820.0	-51.6	9.80	1.89%	2582	2620	2620	2620	2620	2620	Light Pole
4668	2835.1	-47.3	10.26	1.97%	2570	2603	2620	2620	2620	2620	Light Pole
4670	2832.0	-36.9	10.18	1.97%	2571	2604	2620	2620	2620	2620	Light Pole
4672	2824.0	-4.7	9.92	1.91%	2579	2608	2620	2620	2620	2620	Light Pole
4674	2820.7	7.5	9.82	1.89%	2582	2620	2620	2620	2620	2620	Light Pole
4676	2818.3	16.6	9.78	1.90%	2582	2620	2620	2620	2620	2620	Light Pole
4678	2809.3	48.2	9.56	1.87%	2585	2620	2620	2620	2620	2620	Light Pole
4679	2869.3	22.7	13.50	3.00%	2394	2477	2529	2570	2620	2620	Tree
4681	2920.3	-108.6	11.91	1.96%	2551	2602	2620	2620	2620	2620	Railway Bridge
4684	2829.5	-26.1	10.11	1.96%	2573	2605	2620	2620	2620	2620	Light Pole
4686	2826.5	-15.5	10.04	1.95%	2575	2605	2620	2620	2620	2620	Light Pole
4751	2837.5	11.2	11.82	2.67%	2477	2532	2573	2600	2620	2620	Tree
4753	2961.5	-50.0	15.21	2.69%	2376	2479	2543	2591	2620	2620	Light Pole
4755	3002.8	66.5	16.28	2.68%	2343	2464	2536	2589	2620	2620	Tree
4762	3070.6	-125.2	19.36	2.96%	2140	2356	2466	2537	2620	2620	Tree
4763	3071.8	-114.7	19.47	2.98%	2131	2350	2462	2533	2620	2620	Tree
4829	4085.4	270.9	31.43	1.73%	2498	2620	2620	2620	2620	2620	Tree
5448	2846.0	-118.3	11.01	2.21%	2533	2582	2609	2620	2620	2620	Traffic lights
5452	2982.6	1.8	16.14	2.79%	2327	2452	2521	2577	2620	2620	Tree
5453	2981.4	11.3	16.40	2.87%	2300	2436	2509	2566	2620	2620	Tree
5454	2979.9	-43.2	15.96	2.76%	2339	2458	2527	2581	2620	2620	Tree
5455	2983.6	18.3	15.54	2.62%	2378	2484	2550	2598	2620	2620	Tree
5456	2991.0	30.2	16.00	2.69%	2351	2467	2537	2589	2620	2620	Tree
5457	3009.0	54.1	17.70	3.00%	2211	2387	2479	2541	2620	2620	Tree
5459	3150.3	33.8	18.53	2.36%	2352	2493	2581	2620	2620	2620	Tree
5460	3555.0	-22.7	25.59	2.09%	2299	2524	2620	2620	2620	2620	Pine Tree
5497	2794.4	111.7	9.90	2.23%	2551	2587	2608	2620	2620	2620	Tree
5499	2825.7	-7.5	13.13	3.46%	2369	2453	2503	2541	2605	2620	Tree
5845	2805.4	83.5	10.22	2.27%	2542	2583	2606	2620	2620	2620	Tree
5896	2849.4	-79.4	10.46	1.94%	2572	2606	2620	2620	2620	2620	Traffic lights
5897	2906.3	-54.9	13.34	2.56%	2451	2519	2573	2606	2620	2620	Tree
5898	2908.7	16.9	13.79	2.69%	2421	2500	2555	2594	2620	2620	Tree
5899	2925.9	34.6	12.70	2.19%	2508	2574	2620	2620	2620	2620	Tree
5904	3141.8	-116.8	19.59	2.60%	2235	2427	2524	2595	2620	2620	Tree
5905	3255.7	11.5	19.53	2.13%	2406	2544	2620	2620	2620	2620	Gum Tree
5907	3611.9	18.3	26.62	2.08%	2286	2526	2620	2620	2620	2620	Gum Tree
5908	3906.0	-50.9	32.83	2.09%	2129	2496	2620	2620	2620	2620	Gum Tree
5956	2830.0	114.7	11.56	2.64%	2485	2538	2577	2602	2620	2620	Shrub
5957	2873.0	62.2	12.17	2.43%	2490	2548	2590	2620	2620	2620	Shrub
5958	2829.3	-17.3	13.12	3.39%	2375	2457	2506	2545	2608	2620	Shrub
5959	2904.4	117.2	13.03	2.47%	2468	2535	2584	2620	2620	2620	Shrub
5960	2950.8	-22.0	13.68	2.32%	2474	2547	2597	2620	2620	2620	Shrub
5961	2969.1	48.1	13.61	2.18%	2495	2569	2620	2620	2620	2620	Power pole
5962	2990.1	-119.6	14.07	2.18%	2488	2566	2620	2620	2620	2620	Building
5963	2987.1	-95.1	13.64	2.08%	2510	2584	2620	2620	2620	2620	Light Pole
5984	2880.3	29.9	14.12	3.11%	2359	2456	2511	2556	2620	2620	Tree
8867	2620.0	27.5	6.12	449.76%	2603	2605	2606	2608	2610	2610	Gable Marker
9429	3086.3	108.3	22.90	3.62%	1883	2105	2293	2408	2574	2620	Tree
9433	2992.3	-40.1	12.60	1.77%	2580	2620	2620	2620	2620	2620	Building
9498	4460.5	84.2	36.43	1.65%	2559	2620	2620	2620	2620	2620	Norfolk Pine
9499	3766.1	-100.1	29.54	2.05%	2239	2527	2620	2620	2620	2620	Gum
9500	3775.3	15.9	30.03	2.08%	2204	2511	2620	2620	2620	2620	TREE
9504	3543.8	61.8	33.30	2.95%	1689	1990	2272	2454	2620	2620	TREE
9506	3883.0	62.1	30.88	1.97%	2294	2574	2620	2620	2620	2620	GUM
9511	3355.0	-112.0	27.92	2.98%	1837	2112	2347	2480	2620	2620	TREE
9512	3432.4	-176.1	29.62	2.91%	1808	2094	2347	2489	2620	2620	TREE
9513	3369.1	77.4	29.58	3.15%	1747	2014	2264	2426	2620	2620	Gum Tree
9524	3406.9	-39.6	22.26	2.06%	2382	2551	2620	2620	2620	2620	TREE
9525	3408.5	-30.6	25.74	2.50%	2047	2358	2511	2610	2620	2620	TREE
9526	3411.3	-11.1	23.65	2.23%	2261	2485	2603	2620	2620	2620	TREE
9527	3336.0	76.2	30.39	3.40%	1662	1929	2165	2350	2594	2620	Gum Tree
9528	3431.6	79.0	29.76	2.93%	1799	2083	2338	2483	2620	2620	Gum Tree
9531	3714.6	76.8	27.35	1.95%	2370	2589	2620	2620	2620	2620	TREE
9546	3186.2	-140.1	20.54	2.57%	2211	2420	2525	2600	2620	2620	SEWERAGE VENT
9547	3151.5	-133.5	20.83	2.79%	2123	2360	2479	2558	2620	2620	Gum Tree
9549	3302.2	-108.3	24.27	2.68%	2029	2320	2474	2572	2620	2620	TREE
9566	2962.9	70.0	16.77	3.14%	2231	2390	2476	2533	2620	2620	TREE
9570	3033.1	125.5	19.37	3.23%	2080	2304	2426	2499	2620	2620	TREE
9571	3010.7	133.3	18.79	3.27%	2101	2316	2431	2500	2620	2620	TREE
9576	4140.7	-223.2	33.83	1.83%	2395						

Sydney Airport
2021 STODAs
Runway 07
Obstacle Database: 220321

ID	Ch	OS	RL	MAX	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
9586	3917.1	-30.8	32.06	2.01%	2228	2546	2620	2620	2620	2620	TREE
9587	3885.4	104.5	36.43	2.40%	1835	2236	2503	2620	2620	2620	Gum
9588	3873.7	171.0	32.20	2.09%	2141	2497	2620	2620	2620	2620	TREE
9589	3915.3	182.6	34.03	2.16%	2033	2443	2620	2620	2620	2620	TREE

Summary of STODAs													
Max Grade		1.6%		1.9%		2.2%		2.5%		3.3%		5.0%	
ID	Grade	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)
1787	15.42%	2882	796	2053	1938	1787	2458	1787	2479	1787	2514	1787	2553

Worst STODAs													
1.6%		1.9%		2.2%		2.5%		3.3%		5.0%			
ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)		
2882	796	2053	1938	1787	2458	1787	2479	1787	2514	1787	2553		
2179	1141	2179	1952	5438	2468	1670	2512	1670	2561	-	2590		
2053	1211	2882	2006	3993	2488	5438	2558	-	2590	-	2590		
3945	1430	324	2249	4392	2488	1702	2558	-	2590	-	2590		
4827	1502	2869	2263	1670	2490	5909	2559	-	2590	-	2590		
1785	1621	1785	2291	1702	2516	1700	2561	-	2590	-	2590		
2869	1625	2039	2317	1700	2518	2841	2571	-	2590	-	2590		
2039	1643	3993	2341	5909	2521	-	2590	-	2590	-	2590		
2875	1644	9541	2362	2053	2522	-	2590	-	2590	-	2590		
2293	1671	5438	2365	2841	2529	-	2590	-	2590	-	2590		

Worst GRADES							
ID	Grade	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%
1787	15.42%	2381	2427	2458	2479	2514	2553
1670	4.18%	2409	2457	2490	2512	2561	2590
5909	2.81%	2445	2492	2521	2559	2590	2590
2841	2.75%	2465	2504	2529	2571	2590	2590
1702	2.73%	2422	2480	2516	2558	2590	2590
1700	2.71%	2424	2481	2518	2561	2590	2590
5438	2.56%	2232	2365	2468	2558	2590	2590
4392	2.50%	2271	2394	2488	2590	2590	2590
3993	2.37%	2155	2341	2488	2590	2590	2590
4398	2.27%	2316	2441	2534	2590	2590	2590

ID	Ch	OS	RL	MAX	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
324	5020.6	271.7	56.50	2.08%	1710	2249	2590	2590	2590	2590	Tree
1670	2640.6	-50.2	8.04	4.18%	2409	2457	2490	2512	2561	2590	RWY 25 RESA Southern Safety Barrier (Western End)
1700	2691.7	-19.3	8.68	2.71%	2424	2481	2518	2561	2590	2590	RWY 25 Localiser southern Obstruction Light (lit)
1702	2691.7	19.3	8.70	2.73%	2422	2480	2516	2558	2590	2590	RWY 25 Localiser northern Obstruction Light (lit)
1785	5741.4	421.0	69.50	2.02%	1621	2291	2590	2590	2590	2590	Tree
1787	2601.6	-51.0	7.72	15.42%	2381	2427	2458	2479	2514	2553	Railing (lit)
2039	5752.7	202.1	69.30	2.00%	1643	2317	2590	2590	2590	2590	Norfolk Pine Tree
2041	5751.5	195.5	66.70	1.92%	1807	2489	2590	2590	2590	2590	Norfolk Pine Tree
2053	5800.5	466.7	77.00	2.21%	1211	1938	2522	2590	2590	2590	Norfolk Pine Tree
2101	6337.1	286.9	77.00	1.90%	1746	2590	2590	2590	2590	2590	Church Spire
2179	6261.2	139.7	85.50	2.17%	1141	1952	2590	2590	2590	2590	Norfolk Pine Tree
2293	9126.1	-456.4	122.82	1.79%	1671	2590	2590	2590	2590	2590	Antenna atop tile roofed flats
2373	2723.4	73.1	8.77	2.14%	2461	2517	2590	2590	2590	2590	Airside Fence (lit)
2464	2593.9	-44.9	7.02	27.77%	2432	2466	2489	2505	2529	2562	Unserviceable red and white cone
2841	2648.5	71.3	7.53	2.75%	2465	2504	2529	2571	2590	2590	Aerial atop Localiser Power Shed
2869	5558.5	441.0	66.50	2.04%	1625	2263	2590	2590	2590	2590	Norfolk Island Pine
2875	8605.7	-752.2	114.93	1.81%	1644	2590	2590	2590	2590	2590	Lightning Rod
2882	8448.2	-820.8	126.06	2.05%	796	2006	2590	2590	2590	2590	Aerial NE Side Park Plaza Units
3945	8613.8	-802.4	118.63	1.87%	1430	2590	2590	2590	2590	2590	Building
3993	3205.5	45.2	20.50	2.37%	2155	2341	2488	2590	2590	2590	TREE
4392	2933.3	-66.8	14.50	2.50%	2271	2394	2488	2590	2590	2590	Tree
4398	2958.6	27.1	14.30	2.27%	2316	2441	2534	2590	2590	2590	Tree
4802	3240.5	39.0	20.20	2.19%	2213	2404	2590	2590	2590	2590	Tree
4827	9189.8	-444.1	126.70	1.83%	1502	2590	2590	2590	2590	2590	Building
5400	5840.3	345.7	69.56	1.96%	1713	2406	2590	2590	2590	2590	Apartments
5437	2954.7	-11.5	14.00	2.21%	2334	2458	2577	2590	2590	2590	Tree
5438	2963.5	21.8	15.50	2.56%	2232	2365	2468	2558	2590	2590	Tree
5835	6104.9	346.6	74.20	1.94%	1688	2433	2590	2590	2590	2590	Tower Crane
5909	2664.0	47.5	8.00	2.81%	2445	2492	2521	2559	2590	2590	Shrub
8818	2590.9	-31.3	6.80	92.59%	2448	2479	2499	2512	2536	2564	Gable Marker
9541	4461.2	113.7	44.01	2.04%	1937	2362	2590	2590	2590	2590	Tree
318	4867.1	-232.7	47.00	1.80%	2160	2590	2590	2590	2590	2590	Vent
322	5259.9	-386.4	54.87	1.83%	2060	2590	2590	2590	2590	2590	Antenna
328	5953.4	354.6	65.88	1.78%	2065	2590	2590	2590	2590	2590	Vent
338	8565.0	-731.6	102.92	1.62%	2400	2590	2590	2590	2590	2590	Building
448	6515.3	93.7	74.80	1.75%	2070	2590	2590	2590	2590	2590	Gum
458	4844.5	-275.0	49.10	1.92%	2004	2515	2590	2590	2590	2590	Building
460	6004.9	-89.7	62.27	1.65%	2373	2590	2590	2590	2590	2590	Gum
586	2590.9	-58.8	6.31	38.58%	2492	2513	2526	2542	2567	2579	Gable Marker
652	4859.5	-200.8	48.00	1.85%	2089	2590	2590	2590	2590	2590	Vent atop block of Units
706	3851.1	-108.4	28.25	1.77%	2341	2590	2590	2590	2590	2590	Norfolk Tree
722	5042.6	-356.5	48.56	1.74%	2248	2590	2590	2590	2590	2590	Aerial atop apartment block
728	6007.1	227.4	69.71	1.87%	1876	2590	2590	2590	2590	2590	Gum Tree
732	7663.2	-517.0	88.34	1.62%	2414	2590	2590	2590	2590	2590	Gum Tree
1224	5837.1	468.2	59.82	1.66%	2355	2590	2590	2590	2590	2590	MAST/PYLON
1227	5830.3	490.0	65.45	1.84%	1967	2590	2590	2590	2590	2590	MAST/PYLON
1707	4886.5	-263.1	51.30	1.98%	1907	2416	2590	2590	2590	2590	Aerial atop building
1784	4878.5	-316.6	50.64	1.95%	1940	2451	2590	2590	2590	2590	Satellite dish atop building
1789	2680.5	45.0	7.73	2.00%	2493	2537	2590	2590	2590	2590	Railing
1814	4378.0	-116.3	39.46	1.88%	2142	2590	2590	2590	2590	2590	Palm Tree
1815	4380.2	-136.9	38.31	1.81%	2222	2590	2590	2590	2590	2590	Palm Tree
1816	4377.2	-53.0	34.76	1.61%	2504	2590	2590	2590	2590	2590	BLDG
1817	4422.1	3.4	38.10	1.76%	2287	2590	2590	2590	2590	2590	BLDG
1818	6546.0	190.2	75.00	1.75%	2088	2590	2590	2590	2590	2590	TREE
1968	5464.2	416.6	55.65	1.73%	2222	2590	2590	2590	2590	2590	Tree
1975	6578.3	515.0	70.54	1.62%	2453	2590	2590	2590	2590	2590	Tree
2017	6649.1	367.6	73.00	1.65%	2342	2590	2590	2590	2590	2590	Pine Tree
2052	5610.5	373.4	55.10	1.63%	2449	2590	2590	2590	2590	2590	Apex of house
2061	5880.1	425.8	61.50	1.69%	2282	2590	2590	2590	2590	2590	Building
2067	5795.7	460.6	61.90	1.75%	2158	2590	2590	2590	2590	2590	School - N end Building
2069	5771.8	408.5	61.90	1.76%	2133	2590	2590	2590	2590	2590	School - S end Building
2071	5714.7	269.0	59.80	1.72%	2212	2590	2590	2590	2590	2590	Building
2075	6022.5	127.3	62.40	1.65%	2386	2590	2590	2590	2590	2590	White Gable on Tile Roof
2077	6068.7	195.9	61.80	1.61%	2506	2590	2590	2590	2590	2590	Church Bell Tower
2079	5897.0	409.6	61.50	1.68%	2302	2590	2590	2590	2590	2590	Sewer Vent
2095	6223.4	113.5	64.10	1.60%	2521	2590	2590	2590	2590	2590	Conc. edge of roof
2125	6419.6	93.4	69.60	1.66%	2322	2590	2590	2590	2590	2590	El and Lt Pole
2127	6456.6	81.6	73.50	1.75%	2093	2590	2590	2590	2590	2590	El and Lt Pole
2129	6484.5	72.3	71.20	1.68%	2280	2590	2590	2590	2590	2590	El and Lt Pole
2131	6506.5	65.4	70.80	1.66%	2336	2590	2590	2590	2590	2590	Elec Pole
2165	5312.3	-44.9	58.00	1.91%	1914	2514	2590	2590	2590	2590	Pine Tree
2167	5373.9	65.7	53.60	1.71%	2267	2590	2590	2590	2590	2590	Sewer Vent
2169	5361.4	82.8	53.10	1.70%	2289	2590	2590	2590	2590	2590	Sewer Vent
2185	3435.8	-83.4	22.20	1.92%	2296	2524	2590	2590	2590	2590	Flood Light Pole
2233	3337.0	-113.6	20.05	1.89%	2339	2590	2590	2590	2590	2590	Flood Light Pole

Sydney Airport
2021 STODAs
Runway 25
Obstacle Database: 220321

ID	Ch	OS	RL	MAX	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
2247	4442.8	-9.6	39.02	1.79%	2243	2590	2590	2590	2590	2590	Elec Pole
2249	4458.9	53.0	43.08	1.99%	1994	2422	2590	2590	2590	2590	Sewer Vent
2252	6501.1	231.0	76.10	1.79%	1972	2590	2590	2590	2590	2590	Tree at front of property
2253	4783.0	-341.6	45.28	1.79%	2184	2590	2590	2590	2590	2590	Sewer Vent
2255	5219.0	-54.5	49.33	1.65%	2405	2590	2590	2590	2590	2590	Building
2256	6432.2	182.2	71.75	1.71%	2179	2590	2590	2590	2590	2590	Tree at rear of property
2257	5248.8	-64.1	49.48	1.64%	2434	2590	2590	2590	2590	2590	Building
2259	5271.0	50.3	49.70	1.63%	2446	2590	2590	2590	2590	2590	Sewer Vent
2260	6306.7	300.0	71.21	1.76%	2086	2590	2590	2590	2590	2590	Tree at rear of property
2261	5297.0	-86.8	50.72	1.65%	2392	2590	2590	2590	2590	2590	Pole
2264	6315.0	220.0	65.97	1.61%	2486	2590	2590	2590	2590	2590	Tree at front of property
2266	6317.0	204.8	67.23	1.65%	2376	2590	2590	2590	2590	2590	Tree at front of property
2268	6305.5	201.1	65.92	1.61%	2476	2590	2590	2590	2590	2590	Tree at front of property
2271	6670.8	162.8	71.76	1.61%	2477	2590	2590	2590	2590	2590	Tree at rear of property
2275	7174.3	-640.6	86.14	1.75%	2020	2590	2590	2590	2590	2590	Norfolk Pine Tree
2299	8732.8	-743.1	108.50	1.67%	2183	2590	2590	2590	2590	2590	Radio Mast
2302	8747.8	-631.0	106.14	1.63%	2374	2590	2590	2590	2590	2590	Apartment Block
2319	9275.8	-483.9	119.37	1.70%	2044	2590	2590	2590	2590	2590	Antenna atop building
2341	5764.0	237.8	66.00	1.89%	1865	2590	2590	2590	2590	2590	Gum Tree
2345	5616.5	206.9	56.40	1.67%	2347	2590	2590	2590	2590	2590	Elec Pole
2347	5573.9	223.3	55.40	1.66%	2371	2590	2590	2590	2590	2590	Elec Pole
2349	5657.8	450.3	60.70	1.79%	2094	2590	2590	2590	2590	2590	Elec Pole
2351	5642.8	410.2	58.50	1.72%	2223	2590	2590	2590	2590	2590	Elec Pole
2353	5617.7	341.0	57.50	1.70%	2267	2590	2590	2590	2590	2590	Elec Pole
2355	5591.0	270.3	57.80	1.73%	2214	2590	2590	2590	2590	2590	Elec Pole
2357	5630.8	256.2	57.90	1.71%	2253	2590	2590	2590	2590	2590	Sewer Vent
2363	5683.1	383.8	61.50	1.80%	2069	2590	2590	2590	2590	2590	Sewer Vent
2365	5677.5	353.9	61.80	1.81%	2044	2590	2590	2590	2590	2590	Sewer Vent
2371	2715.9	79.9	8.59	2.12%	2466	2519	2590	2590	2590	2590	Razer wire atop Airside Fence
2413	7621.8	-656.6	91.00	1.69%	2165	2590	2590	2590	2590	2590	Gum Tree
2466	2599.6	-45.0	7.08	12.00%	2434	2470	2493	2509	2536	2569	Unserviceable red and white cone
2468	2602.4	-45.0	7.11	9.55%	2436	2472	2495	2511	2540	2573	Unserviceable red and white cone
2472	2595.2	46.3	6.17	4.76%	2510	2528	2559	2574	2585	2590	Bollard
2474	2624.6	46.4	6.82	2.59%	2495	2522	2559	2586	2590	2590	Bollard
2475	4224.2	120.3	32.31	1.61%	2504	2590	2590	2590	2590	2590	Gum Tree
2476	2652.1	46.4	7.12	1.92%	2507	2578	2590	2590	2590	2590	Bollard
2477	4415.0	154.7	36.20	1.66%	2428	2590	2590	2590	2590	2590	Sewer Vent
2479	4452.0	-4.7	42.95	1.99%	1995	2422	2590	2590	2590	2590	Pine Tree
2481	4461.1	-57.1	36.08	1.61%	2506	2590	2590	2590	2590	2590	El and Lt Pole (old pole + new Pole)
2487	4592.4	-226.3	39.93	1.70%	2353	2590	2590	2590	2590	2590	Sewer Vent
2491	4615.0	-226.8	41.04	1.73%	2298	2590	2590	2590	2590	2590	Sewer Vent
2494	2975.8	94.1	14.40	2.20%	2329	2458	2590	2590	2590	2590	Tree
2496	3304.8	128.5	20.00	1.97%	2304	2504	2590	2590	2590	2590	Tree
2498	3478.7	195.8	24.00	2.03%	2214	2454	2590	2590	2590	2590	Tree
2500	4126.4	-210.0	32.15	1.71%	2379	2590	2590	2590	2590	2590	Tree
2502	4245.1	-151.0	32.47	1.60%	2519	2590	2590	2590	2590	2590	Tree
2506	4698.2	-225.6	43.76	1.79%	2196	2590	2590	2590	2590	2590	Tree
2517	5470.1	94.4	59.39	1.86%	1986	2590	2590	2590	2590	2590	Tree
2519	5450.8	77.5	55.20	1.72%	2239	2590	2590	2590	2590	2590	Sewer Vent
2617	5817.8	371.5	61.52	1.72%	2207	2590	2590	2590	2590	2590	Elec Pole
2668	5591.0	411.4	61.56	1.85%	1971	2590	2590	2590	2590	2590	Gum Tree
2870	5584.3	308.7	54.74	1.63%	2443	2590	2590	2590	2590	2590	Chimney
2871	5590.1	301.2	55.73	1.66%	2365	2590	2590	2590	2590	2590	Chimney
2872	5769.7	306.4	64.00	1.83%	1997	2590	2590	2590	2590	2590	Gum Tree
3040	2593.1	-44.7	6.57	20.70%	2472	2498	2514	2526	2555	2575	Concrete pavement (RESA)
3046	3017.7	-98.1	13.97	1.88%	2418	2590	2590	2590	2590	2590	Tree
3051	3326.6	92.8	21.20	2.07%	2240	2448	2590	2590	2590	2590	Tree
3054	4552.3	-245.6	40.62	1.77%	2255	2590	2590	2590	2590	2590	Tree
3177	4460.8	-16.9	43.48	2.01%	1971	2397	2590	2590	2590	2590	Tree
3180	4476.1	-54.5	42.64	1.95%	2040	2477	2590	2590	2590	2590	Tree
3218	6528.2	313.3	71.24	1.66%	2329	2590	2590	2590	2590	2590	Tree
3219	6480.2	170.1	71.87	1.70%	2225	2590	2590	2590	2590	2590	Tree
3221	6605.6	136.6	70.46	1.61%	2500	2590	2590	2590	2590	2590	Tree
3222	6567.5	6.2	70.53	1.62%	2438	2590	2590	2590	2590	2590	Tree
3223	6505.5	23.1	70.95	1.66%	2323	2590	2590	2590	2590	2590	Tree
3224	6509.5	33.8	70.80	1.66%	2339	2590	2590	2590	2590	2590	Tree
3235	6233.0	286.5	64.74	1.61%	2479	2590	2590	2590	2590	2590	Tree
3241	6451.4	171.6	71.10	1.69%	2247	2590	2590	2590	2590	2590	Tree
3247	6126.7	282.6	65.02	1.67%	2313	2590	2590	2590	2590	2590	Tree
3260	6091.8	443.5	65.56	1.70%	2231	2590	2590	2590	2590	2590	Tree
3261	6045.0	478.5	63.46	1.67%	2333	2590	2590	2590	2590	2590	Tree
3262	6122.5	89.3	70.24	1.82%	1959	2590	2590	2590	2590	2590	Tree
3266	5899.5	308.9	65.96	1.81%	2005	2590	2590	2590	2590	2590	Tree
3274	5761.1	-59.9	61.07	1.74%	2175	2590	2590	2590	2590	2590	Tree
3280	5471.5	-10.7	57.51	1.79%	2107	2590	2590	2590	2590	2590	Tree
3290	6152.3	50.2	67.25	1.72%	2180	2590	2590	2590	2590	2590	Building
3291	6160.4	73.3	67.18	1.72%	2194	2590	2590	2590	2590	2590	Building
3353	5695.8	356.8	64.19	1.88%	1910	2590	2590	2590	2590	2590	Tree
3354	6214.2	16.5	71.59	1.81%	1967	2590	2590	2590	2590	2590	Tree
3355	6095.4	63.3	66.66	1.73%	2160	2590	2590	2590	2590	2590	Tree
3356	6072.1	168.4	66.75	1.75%	2130	2590	2590	2590	2590	2590	Tree
3361	2690.6	58.4	7.61	1.68%	2518	2590	2590	2590	2590	2590	Water stop valve
3674	5488.1	375.2	55.84	1.72%	2236	2590	2590	2590	2590	2590	Tree
3676	5542.4	281.7	57.50	1.75%	2180	2590	2590	2590	2590	2590	Tree
3915	5870.8	425.2	65.57	1.82%	2001	2590	2590	2590	2590	2590	AERIAL atop unit block
3917	5848.3	368.7	63.79	1.78%	2091	2590	2590	2590	2590	2590	AERIAL atop unit block
3919	5825.0	276.4	62.28	1.74%	2163	2590	2590	2590	2590	2590	AIR CONDITIONING DUCT atop unit block
3994	4404.4	-22.2	40.09	1.88%	2129	2590	2590	2590	2590	2590	Palm Tree
3999	8710.6	-720.1	113.10	1.75%	1867	2590	2590	2590	2590	2590	Apartments
4394	2951.4	68.4	12.75	1.89%	2431	2590	2590	2590	2590	2590	Tree
4400	2971.7	56.9	13.03	1.86%	2435	2590	2590	2590	2590	2590	Pole
4402	3071.3	76.4	16.11	2.12%	2315	2465	2590	2590	2590	2590	Tree
4404	3189.3	49.3	17.87	1.99%	2325	2500	2590	2590	2590	2590	Tree
4406	3180.9	63.4	15.77	1.67%	2490	2590	2590	2590	2590	2590	Tree
4497	4568.2	-307.1	42.40	1.84%	2149	2590	2590	2590	2590	2590	Pine Tree
4804	3294.2	58.8	20.54	2.08%	2251	2451	2590	2590	2590	2590	Tree
4814	4782.9	112.0	48.53	1.94%	1978	2472	2590	2590	2590	2590	Building
4820	5243.5	21.9	51.20	1.71%	2290	2590	2590	2590	2590	2590	Tree
4822	6021.5	-26.6	63.16	1.67%	2327	2590	2590	2590	2590	2590	Tree
4824	5876.6	178.8	64.95	1.80%	2046	2590	2590	2590	2590	2590	Tree
4826	6185.0	218.0	65.06	1.65%	2381	2590	2590	2590	2590	2590	Tree
4952	5848.1	-95.3	59.02	1.63%	2438	2590	2590	2590	2590	2590	Tree
4955	5791.7	90.7	57.42	1.61%	2502	2590	2590	2590	2590	2590	Tree
4956	6330.8	16.6	71.56	1.75%	2088	2590	2590	2590	2590	2590	Tree
4970	5858.9	41.4	59.23	1.63%	2435	2590	2590	2590	2590	2590	Tree
4972	5598.9	116.1	57.09	1.70%	2275	2590	2590	2590	2590	2590	Tree
4975	6076.1	-40.6	65.50	1.71%	2218</						

Sydney Airport
2021 STODAs
Runway 25
Obstacle Database: 220321

ID	Ch	OS	RL	MAX	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
4978	6053.9	143.9	66.57	1.75%	2123	2590	2590	2590	2590	2590	Tree
5224	6008.2	263.7	60.77	1.60%	2511	2590	2590	2590	2590	2590	Building
5486	2885.1	108.2	11.60	1.92%	2439	2546	2590	2590	2590	2590	TREE
5487	3008.0	-27.0	14.50	2.05%	2359	2495	2590	2590	2590	2590	TREE
5488	2947.4	-13.9	13.20	2.04%	2386	2505	2590	2590	2590	2590	Tree
5489	2949.2	76.0	13.00	1.97%	2406	2521	2590	2590	2590	2590	Tree
5490	3426.0	131.5	22.60	1.99%	2255	2483	2590	2590	2590	2590	Tree
5717	6021.2	186.9	62.84	1.66%	2350	2590	2590	2590	2590	2590	Sewer Vent
5719	6056.3	124.0	64.90	1.70%	2238	2590	2590	2590	2590	2590	Tree (Gum)
5720	6044.7	88.2	66.97	1.77%	2089	2590	2590	2590	2590	2590	Tree (Gum)
5721	6088.5	99.0	64.30	1.67%	2322	2590	2590	2590	2590	2590	Sewer Vent
5729	6228.4	5.4	71.00	1.79%	2020	2590	2590	2590	2590	2590	Tree (Norfolk Pine)
5735	6000.0	38.5	61.03	1.62%	2477	2590	2590	2590	2590	2590	TV Antenna on Beige House
5827	4981.3	-95.7	52.70	1.96%	1914	2444	2590	2590	2590	2590	Building
5853	3060.4	63.5	14.19	1.76%	2458	2590	2590	2590	2590	2590	Floodlight
5863	3066.0	35.6	14.79	1.86%	2413	2590	2590	2590	2590	2590	Tree
5910	2673.6	57.5	7.28	1.63%	2523	2590	2590	2590	2590	2590	Shrub
5947	4909.4	13.5	50.14	1.91%	2004	2528	2590	2590	2590	2590	Tower Crane (yellow)
5948	2891.6	-36.7	11.26	1.77%	2480	2590	2590	2590	2590	2590	Shrub
5949	2955.0	33.9	12.67	1.85%	2444	2590	2590	2590	2590	2590	Shrub
5977	5196.4	-309.6	56.90	1.96%	1866	2435	2590	2590	2590	2590	Tower Crane
5996	4805.6	-251.7	49.76	1.98%	1922	2416	2590	2590	2590	2590	Tower Crane
6538	6438.7	34.2	69.40	1.65%	2358	2590	2590	2590	2590	2590	Sewer Vent
6549	6243.8	-95.7	71.90	1.81%	1978	2590	2590	2590	2590	2590	Gum Tree
6550	6221.3	-94.2	67.81	1.70%	2219	2590	2590	2590	2590	2590	Gum Tree
6559	6140.6	-134.5	66.20	1.70%	2242	2590	2590	2590	2590	2590	Gum Tree
6564	6137.1	-191.0	63.92	1.64%	2414	2590	2590	2590	2590	2590	Gum Tree
6568	5911.7	-50.2	59.33	1.61%	2502	2590	2590	2590	2590	2590	Gum Tree
6575	6067.8	-157.6	62.29	1.62%	2460	2590	2590	2590	2590	2590	Pine Tree Group
6583	5851.4	-178.2	59.77	1.65%	2377	2590	2590	2590	2590	2590	Gum Tree Group
9495	4892.6	-256.2	48.84	1.86%	2070	2590	2590	2590	2590	2590	BUILD/HOUSE/SHED
9508	3469.3	-136.5	22.22	1.85%	2335	2590	2590	2590	2590	2590	LIGHT POLE
9520	3414.7	-63.5	20.17	1.73%	2430	2590	2590	2590	2590	2590	Flood light
9529	4918.8	-297.5	49.02	1.85%	2085	2590	2590	2590	2590	2590	Satellite dish atop building
9532	3369.1	-163.3	20.03	1.81%	2379	2590	2590	2590	2590	2590	Flood light
9540	4449.1	124.6	42.42	1.96%	2027	2456	2590	2590	2590	2590	Fig Tree
9543	4458.6	-34.7	42.73	1.97%	2017	2446	2590	2590	2590	2590	Pine Tree
9594	4441.8	-211.9	41.82	1.94%	2057	2489	2590	2590	2590	2590	Tree

Summary of STODAs													
Max Grade		1.6%		1.9%		2.2%		2.5%		3.3%		5.0%	
ID	Grade	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)
1001	3.06%	2204	2450	2204	2482	1001	2499	1001	2509	-	2528	-	2528

Worst STODAs											
1.6%		1.9%		2.2%		2.5%		3.3%		5.0%	
ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)
2204	2450	2204	2482	1001	2499	1001	2509	-	2528	-	2528
1001	2470	1001	2486	2204	2507	-	2528	-	2528	-	2528
4378	2488	4372	2519	-	2528	-	2528	-	2528	-	2528
4372	2490	-	2528	-	2528	-	2528	-	2528	-	2528
4376	2493	-	2528	-	2528	-	2528	-	2528	-	2528
4370	2504	-	2528	-	2528	-	2528	-	2528	-	2528
4374	2505	-	2528	-	2528	-	2528	-	2528	-	2528
4364	2506	-	2528	-	2528	-	2528	-	2528	-	2528
4366	2506	-	2528	-	2528	-	2528	-	2528	-	2528
4368	2506	-	2528	-	2528	-	2528	-	2528	-	2528

Worst GRADES							
ID	Grade	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%
1001	3.06%	2470	2486	2499	2509	2528	2528
2204	2.42%	2450	2482	2507	2528	2528	2528
4372	1.91%	2490	2519	2528	2528	2528	2528
4378	1.88%	2488	2528	2528	2528	2528	2528
4376	1.84%	2493	2528	2528	2528	2528	2528
4356	1.83%	2509	2528	2528	2528	2528	2528
4352	1.83%	2509	2528	2528	2528	2528	2528
4354	1.83%	2509	2528	2528	2528	2528	2528
4358	1.78%	2508	2528	2528	2528	2528	2528
4362	1.78%	2508	2528	2528	2528	2528	2528

ID	Ch	OS	RL	MAX	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
2716	2528.2	44.7	4.38	208.48%	2497	2501	2504	2507	2512	2517	ILS Protected Area Bollard
1001	2587.9	0.0	5.83	3.06%	2470	2486	2499	2509	2528	2528	Antenna
2204	2677.6	-72.7	7.62	2.42%	2450	2482	2507	2528	2528	2528	Aerial
2714	2551.3	44.9	4.48	2.04%	2512	2518	2528	2528	2528	2528	ILS Protected Area Bollard
4340	2544.5	-12.0	4.40	2.43%	2510	2515	2519	2528	2528	2528	34R HIAL
4346	2573.4	-12.0	4.88	1.93%	2509	2519	2528	2528	2528	2528	34R HIAL
4348	2573.4	0.0	4.88	1.94%	2509	2519	2528	2528	2528	2528	34R HIAL
4350	2573.4	12.0	4.88	1.93%	2509	2519	2528	2528	2528	2528	34R HIAL
4352	2602.3	-12.0	5.36	1.83%	2509	2528	2528	2528	2528	2528	34R HIAL
4354	2602.3	0.0	5.36	1.83%	2509	2528	2528	2528	2528	2528	34R HIAL
4356	2602.3	12.0	5.36	1.83%	2509	2528	2528	2528	2528	2528	34R HIAL
4358	2631.1	-12.0	5.83	1.78%	2508	2528	2528	2528	2528	2528	34R HIAL
4362	2631.1	12.0	5.83	1.78%	2508	2528	2528	2528	2528	2528	34R HIAL
4364	2659.9	-12.0	6.33	1.77%	2506	2528	2528	2528	2528	2528	34R HIAL
4366	2659.9	0.0	6.33	1.77%	2506	2528	2528	2528	2528	2528	34R HIAL
4368	2659.9	12.0	6.33	1.77%	2506	2528	2528	2528	2528	2528	34R HIAL
4370	2689.0	-15.0	6.82	1.75%	2504	2528	2528	2528	2528	2528	34R HIAL
4372	2688.6	0.0	7.06	1.91%	2490	2519	2528	2528	2528	2528	34R HIAL
4374	2688.9	15.0	6.81	1.75%	2505	2528	2528	2528	2528	2528	34R HIAL
4376	2710.0	0.0	7.35	1.84%	2493	2528	2528	2528	2528	2528	RWY 34R Localiser Far Field Centreline Monitor Antenna
4378	2717.8	0.0	7.57	1.88%	2488	2528	2528	2528	2528	2528	Post
2706	2528.8	-45.6	4.33	44.09%	2500	2504	2507	2510	2514	2519	ILS Protected Area Bollard
2718	2528.8	74.7	4.22	28.75%	2506	2510	2512	2514	2518	2520	ILS Protected Area Bollard
4342	2544.5	0.0	4.40	2.43%	2510	2515	2519	2528	2528	2528	34R HIAL
4344	2544.5	12.0	4.40	2.43%	2510	2515	2519	2528	2528	2528	34R HIAL
4360	2631.0	0.0	5.83	1.78%	2508	2528	2528	2528	2528	2528	34R HIAL
4738	2746.5	0.1	7.55	1.63%	2515	2528	2528	2528	2528	2528	34R HIAL

Summary of STODAs														
Max Grade		1.6%		1.9%		2.2%		2.5%		3.3%			5.0%	
ID	Grade	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)		ID	Length (m)
1001	3.17%	2204	2461	1001	2484	1001	2496	1001	2506	-	2528		-	2528

Worst STODAs											
1.6%		1.9%		2.2%		2.5%		3.3%		5.0%	
ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)
2204	2461	1001	2484	1001	2496	1001	2506	-	2528	-	2528
1001	2467	2204	2494	2204	2520	-	2528	-	2528	-	2528
4378	2481	4372	2514	-	2528	-	2528	-	2528	-	2528
4372	2484	4378	2515	-	2528	-	2528	-	2528	-	2528
4376	2487	4356	2517	-	2528	-	2528	-	2528	-	2528
4374	2496	4376	2519	-	2528	-	2528	-	2528	-	2528
4368	2498	-	2528	-	2528	-	2528	-	2528	-	2528
4380	2500	-	2528	-	2528	-	2528	-	2528	-	2528
4366	2501	-	2528	-	2528	-	2528	-	2528	-	2528
4362	2501	-	2528	-	2528	-	2528	-	2528	-	2528

Worst GRADES							
ID	Grade	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%
1001	3.17%	2467	2484	2496	2506	2528	2528
2204	2.21%	2461	2494	2520	2528	2528	2528
4356	1.98%	2503	2517	2528	2528	2528	2528
4372	1.98%	2484	2514	2528	2528	2528	2528
4378	1.95%	2481	2515	2528	2528	2528	2528
4376	1.91%	2487	2519	2528	2528	2528	2528
4362	1.90%	2501	2528	2528	2528	2528	2528
4354	1.89%	2506	2528	2528	2528	2528	2528
4368	1.87%	2498	2528	2528	2528	2528	2528
4374	1.85%	2496	2528	2528	2528	2528	2528

ID	Ch	OS	RL	MAX	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
1001	2583.9	15.5	5.83	3.17%	2467	2484	2496	2506	2528	2528	Antenna
2204	2686.0	-31.5	7.62	2.21%	2461	2494	2520	2528	2528	2528	Aerial
2702	2528.5	-76.4	4.09	18.49%	2513	2516	2517	2519	2520	2521	ILS Protected Area Bollard
2714	2538.5	49.4	4.48	4.37%	2501	2506	2510	2514	2520	2528	ILS Protected Area Bollard
4340	2546.4	-7.3	4.40	2.10%	2512	2518	2528	2528	2528	2528	34R HIAL
4346	2573.4	0.1	4.88	1.87%	2510	2528	2528	2528	2528	2528	34R HIAL
4348	2570.4	11.8	4.88	2.00%	2508	2517	2528	2528	2528	2528	34R HIAL
4350	2567.4	23.3	4.88	2.16%	2505	2514	2528	2528	2528	2528	34R HIAL
4352	2600.4	7.6	5.36	1.81%	2509	2528	2528	2528	2528	2528	34R HIAL
4354	2597.4	19.2	5.36	1.89%	2506	2528	2528	2528	2528	2528	34R HIAL
4356	2594.4	30.8	5.36	1.98%	2503	2517	2528	2528	2528	2528	34R HIAL
4358	2627.3	15.1	5.83	1.79%	2507	2528	2528	2528	2528	2528	34R HIAL
4362	2621.3	38.3	5.83	1.90%	2501	2528	2528	2528	2528	2528	34R HIAL
4364	2654.3	22.5	6.33	1.79%	2504	2528	2528	2528	2528	2528	34R HIAL
4366	2651.3	34.1	6.33	1.83%	2501	2528	2528	2528	2528	2528	34R HIAL
4368	2648.3	45.7	6.33	1.87%	2498	2528	2528	2528	2528	2528	34R HIAL
4370	2682.2	27.2	6.82	1.77%	2502	2528	2528	2528	2528	2528	34R HIAL
4372	2678.1	41.6	7.06	1.98%	2484	2514	2528	2528	2528	2528	34R HIAL
4374	2674.7	56.1	6.81	1.85%	2496	2528	2528	2528	2528	2528	34R HIAL
4376	2698.1	47.1	7.35	1.91%	2487	2519	2528	2528	2528	2528	RWY 34R Localiser Far Field Centreline Monitor Antenna
4378	2705.5	49.1	7.57	1.95%	2481	2515	2528	2528	2528	2528	Post
4380	2683.1	104.8	6.86	1.79%	2500	2528	2528	2528	2528	2528	RWY 34R Localiser Far Field Displacement Sensitivity Monitor Antenna
1974	2679.5	69.1	6.60	1.66%	2512	2528	2528	2528	2528	2528	Western Obstacle light atop RWY 16L Localiser (lit)
2706	2540.1	-43.8	4.33	2.64%	2510	2515	2518	2521	2528	2528	ILS Protected Area Bollard
4342	2543.4	4.3	4.40	2.51%	2510	2515	2518	2521	2528	2528	34R HIAL
4344	2540.4	15.9	4.40	3.12%	2507	2512	2516	2518	2528	2528	34R HIAL
4360	2624.2	26.7	5.83	1.84%	2504	2528	2528	2528	2528	2528	34R HIAL
4738	2732.4	56.6	7.55	1.68%	2508	2528	2528	2528	2528	2528	34R HIAL

Summary of STODAs												
Max Grade		1.6%		1.9%		2.2%		2.5%		3.3%		
ID	Grade	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	
4026	4.22%	2816	1552	2816	2028	418	2291	4509	2386	4026	2479	
											-	2498

Worst STODAs											
1.6%		1.9%		2.2%		2.5%		3.3%		5.0%	
ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)
2816	1552	2816	2028	418	2291	4509	2386	4026	2479	-	2498
4781	1558	4781	2045	4349	2306	4349	2387	5409	2483	-	2498
2818	1578	2818	2052	4509	2306	4486	2393	-	2498	-	2498
1189	1699	1189	2142	2634	2310	4351	2397	-	2498	-	2498
4365	1740	418	2155	4486	2313	418	2399	-	2498	-	2498
6604	1914	2634	2192	4351	2315	4339	2400	-	2498	-	2498
418	1967	4349	2199	2610	2316	4347	2400	-	2498	-	2498
2634	2037	4509	2201	4347	2318	2634	2401	-	2498	-	2498
4214	2049	2610	2203	4339	2318	2610	2404	-	2498	-	2498
2610	2055	4486	2210	9539	2350	2422	2430	-	2498	-	2498

Worst GRADES							
ID	MAX	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%
4026	4.22%	2409	2432	2447	2459	2479	2498
5409	3.54%	2330	2379	2414	2441	2483	2498
4030	3.26%	2406	2436	2453	2469	2498	2498
4509	3.08%	2065	2201	2306	2386	2498	2498
4349	3.06%	2060	2199	2306	2387	2498	2498
4486	3.06%	2077	2210	2313	2393	2498	2498
4351	3.03%	2076	2211	2315	2397	2498	2498
4339	3.01%	2079	2214	2318	2400	2498	2498
4347	3.00%	2078	2213	2318	2400	2498	2498
2610	2.93%	2055	2203	2316	2404	2498	2498

ID	Ch	OS	RL	MAX	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
418	3175.0	132.0	24.36	2.86%	1967	2155	2291	2399	2498	2498	Tree
1189	4445.2	220.6	48.76	2.25%	1699	2142	2452	2498	2498	2498	SE Corner Stamford Hotel
1241	3180.8	169.5	22.67	2.59%	2079	2244	2376	2470	2498	2498	TREE
1503	4047.6	-177.2	35.18	1.95%	2160	2455	2498	2498	2498	2498	Southern edge of steel light frame support atop floodlight pole
2422	2965.1	21.8	18.32	2.85%	2133	2257	2358	2430	2498	2498	Tallest of a grove of trees
2610	3035.1	127.4	20.73	2.93%	2055	2203	2316	2404	2498	2498	Tree
2634	3059.8	108.8	21.42	2.93%	2037	2192	2310	2401	2498	2498	Tree
2816	4446.5	220.1	51.00	2.36%	1552	2028	2353	2498	2498	2498	BMU Window Washing Unit
2818	4465.8	195.4	50.91	2.33%	1578	2052	2378	2498	2498	2498	Stamford Hotel Plant Room
4022	2517.0	15.9	6.67	8.86%	2409	2426	2440	2447	2464	2480	HAL
4026	2550.5	1.4	7.20	4.22%	2409	2432	2447	2459	2479	2498	HAL
4030	2583.6	1.5	7.78	3.26%	2406	2436	2453	2469	2498	2498	HAL
4214	4289.2	-307.5	40.90	2.01%	2049	2398	2498	2498	2498	2498	Obstruction Light (Lit 1/1)
4339	2978.8	64.2	19.44	3.01%	2079	2214	2318	2400	2498	2498	Light Pole
4347	2981.6	89.0	19.50	3.00%	2078	2213	2318	2400	2498	2498	Light Pole
4349	2982.2	117.3	19.80	3.06%	2060	2199	2306	2387	2498	2498	Light Pole
4351	2974.9	144.0	19.42	3.03%	2076	2211	2315	2397	2498	2498	Light Pole
4365	4955.1	33.9	56.28	2.09%	1740	2249	2498	2498	2498	2498	Antenna (Lit 0/2)
4486	2963.6	143.5	19.22	3.06%	2077	2210	2313	2393	2498	2498	Tree
4492	4182.6	-13.9	38.75	2.00%	2076	2404	2498	2498	2498	2498	Multi Storey Carpark
4509	2970.6	127.8	19.54	3.08%	2065	2201	2306	2386	2498	2498	Tree
4781	4519.8	169.2	52.08	2.33%	1558	2045	2378	2498	2498	2498	BUILDING (Lit) Airport Central
5409	2634.7	103.2	9.82	3.54%	2330	2379	2414	2441	2483	2498	Tree
6604	4830.0	273.7	51.65	2.00%	1914	2372	2498	2498	2498	2498	Lightning Rod atop Apartments
9539	3086.6	93.4	21.14	2.75%	2080	2231	2350	2440	2498	2498	TREE
424	2996.1	-68.1	17.35	2.48%	2218	2342	2433	2498	2498	2498	Flood light
590	2857.6	89.1	12.25	2.02%	2402	2470	2498	2498	2498	2498	Flood light atop advertising sign
1145	2829.4	-117.0	11.49	1.96%	2421	2480	2498	2498	2498	2498	Perimeter Fence Floodlight
1146	2835.5	-93.1	11.68	1.98%	2416	2477	2498	2498	2498	2498	Perimeter Fence Floodlight
1147	2851.6	-73.0	11.68	1.89%	2431	2498	2498	2498	2498	2498	Perimeter Fence Floodlight
1148	2863.4	-51.8	11.76	1.85%	2439	2498	2498	2498	2498	2498	Perimeter Fence Floodlight
1149	2864.8	-26.2	11.71	1.83%	2442	2498	2498	2498	2498	2498	Perimeter Fence Floodlight
1150	2854.8	-2.3	11.21	1.74%	2461	2498	2498	2498	2498	2498	Perimeter Fence Floodlight
1152	2820.9	18.3	10.53	1.72%	2469	2498	2498	2498	2498	2498	Perimeter Fence Floodlight
1239	3168.4	144.5	18.52	2.02%	2317	2452	2498	2498	2498	2498	CHIMNEY
1381	2950.1	115.2	17.60	2.79%	2161	2281	2376	2444	2498	2498	Flood Light
1516	4208.9	-291.7	35.19	1.77%	2316	2498	2498	2498	2498	2498	Flood Light
1554	2534.9	-91.8	6.25	3.43%	2451	2464	2473	2479	2490	2498	Demountable building
1778	4030.9	278.5	30.72	1.68%	2421	2498	2498	2498	2498	2498	Lightning rod atop floodlight pole
1809	5081.3	409.9	48.00	1.67%	2390	2498	2498	2498	2498	2498	Lightening conductor atop building
1822	4056.3	162.0	30.73	1.65%	2444	2498	2498	2498	2498	2498	Flood Light
1823	4051.4	200.9	30.64	1.65%	2445	2498	2498	2498	2498	2498	Flood Light
2326	2787.8	115.8	10.70	1.97%	2428	2480	2498	2498	2498	2498	Street Light
2328	2768.8	118.8	10.29	1.96%	2437	2482	2498	2498	2498	2498	Street Light
2418	2943.2	-14.0	15.59	2.38%	2274	2383	2458	2498	2498	2498	Sheoak
2420	2964.2	47.0	17.91	2.77%	2156	2279	2376	2445	2498	2498	Tallest of a grove of trees
2624	3060.2	-131.9	20.34	2.73%	2103	2246	2361	2444	2498	2498	Tree
2626	3011.9	23.9	15.81	2.11%	2333	2441	2498	2498	2498	2498	Street light
2628	3000.3	-27.2	15.50	2.09%	2340	2444	2498	2498	2498	2498	Street light
2630	3011.3	137.4	17.43	2.42%	2228	2354	2444	2498	2498	2498	Street light
2638	3095.7	-135.6	15.60	1.78%	2430	2498	2498	2498	2498	2498	Flood light
2640	3134.0	-136.6	20.09	2.38%	2187	2337	2445	2498	2498	2498	Tree
2642	3161.5	-139.2	17.24	1.85%	2394	2498	2498	2498	2498	2498	Tree
2644	3179.0	-166.7	16.14	1.64%	2475	2498	2498	2498	2498	2498	Flood light
2652	3257.7	133.8	17.20	1.61%	2484	2498	2498	2498	2498	2498	Flood light
2658	3272.6	67.9	18.30	1.72%	2440	2498	2498	2498	2498	2498	Tree
2666	4178.3	-8.0	35.32	1.81%	2276	2498	2498	2498	2498	2498	SE corner eastern most MSCP T2
2678	4217.2	-102.1	32.80	1.62%	2472	2498	2498	2498	2498	2498	Flood light
2692	4628.9	-186.9	42.75	1.77%	2261	2498	2498	2498	2498	2498	Flood light
2694	4716.2	-152.8	43.30	1.73%	2316	2498	2498	2498	2498	2498	Flood light
3092	2911.4	73.7	14.25	2.24%	2330	2422	2483	2498	2498	2498	Tree
3096	3273.2	88.2	18.52	1.75%	2425	2498	2498	2498	2498	2498	Tree
3482	2901.8	55.0	13.76	2.17%	2350	2439	2498	2498	2498	2498	Tree
3483	2910.9	50.0	15.04	2.44%	2276	2380	2450	2498	2498	2498	Tallest of a grove of trees
3484	2912.9	68.0	14.28	2.24%	2329	2422	2483	2498	2498	2498	Tree
3485	2932.6	81.9	15.34	2.38%	2280	2385	2458	2498	2498	2498	Tree
3486	2947.9	61.6	17.30	2.74%	2176	2295	2386	2452	2498	2498	Tree
3506	2725.4	86.7	9.83	2.13%	2421	2466	2498	2498	2498	2498	Tree
3512	2742.3	105.2	11.17	2.53%	2353	2416	2458	2487	2498	2498	Tree
3514	2777.3	108.3	11.67	2.39%	2358	2424	2469	2498	2498	2498	Tree
3590	5350.5	364.9	52.00	1.65%	2409	2498	2498	2498	2498	2498	PROPERTY DEVELOPMENT
3925	3099.0	85.4	20.39	2.56%	2137	2284	2398	2478	2498	2498	Tree
3927	3014.1	73.5	17.75	2.47%	2212	2340	2433	2498	2498	2498	Tree
4002	2517.1	-14.5	6.67	8.85%	2409	2426	2440	2447	2464	2480	HAL
4012	2517.0	0.7	6.67	8.85%	2409	2426	2440	2447	2464	2480	HAL
4032	2616.8	1.4	8.34	2.82%	2405	2440	2461	2477	2498	2498	HAL
4036	2650.0	-0.1	8.86	2.55%	2406	2444	2470	2487	2498	2498	HAL
4040	2683.2	-18.0	9.41	2.39%	2404	2447	2476	2498	2498	2498	HAL
4054	2683.1	1.4	9.41	2.39%	2404	2447	2476	2498	2498	2498	HAL
4066	2683.2	19.4	9.44	2.41%	2403	2446	2475	2498	2498	2498	HAL
4070	2716.0	1.5	9.97	2.28%	2403	2450	2482	2498	2498	2498	HAL
4074	2748.7	1.5	10.53	2.21%	2401	2453	2488	2498	2498	2498	HAL
4078	2781.4	1.4	11.05	2.14%	2401	2458	2498	2498	2498	2498	HAL
4082	2814.1	1.4	11.59	2.09%	2400	2462	2498	2498	2498	2498	HAL

Sydney Airport
2021 STODAs
Runway 34R
Obstacle Database: 220321

ID	Ch	OS	RL	MAX	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
4084	2846.7	-21.8	12.17	2.06%	2397	2464	2498	2498	2498	2498	HIAL
4100	2846.9	1.4	12.17	2.06%	2397	2465	2498	2498	2498	2498	HIAL
4114	2846.8	23.2	12.17	2.06%	2397	2465	2498	2498	2498	2498	HIAL
4118	2880.6	0.7	12.68	2.01%	2399	2471	2498	2498	2498	2498	HIAL
4124	2914.4	0.6	13.25	1.98%	2397	2474	2498	2498	2498	2498	HIAL
4129	4462.6	-130.0	40.77	1.82%	2221	2498	2498	2498	2498	2498	Railing on Roof
4130	2948.1	0.7	13.81	1.96%	2395	2477	2498	2498	2498	2498	HIAL
4136	2982.2	0.7	14.42	1.95%	2390	2479	2498	2498	2498	2498	HIAL
4140	3018.9	-27.0	14.42	1.81%	2426	2498	2498	2498	2498	2498	HIAL
4149	2670.3	-85.6	8.14	1.83%	2468	2498	2498	2498	2498	2498	Aerial atop shed
4158	3018.8	0.7	14.42	1.81%	2426	2498	2498	2498	2498	2498	HIAL
4176	3018.9	28.3	14.42	1.81%	2426	2498	2498	2498	2498	2498	HIAL
4180	3046.8	0.7	14.38	1.71%	2455	2498	2498	2498	2498	2498	HIAL
4186	3074.9	0.7	14.37	1.63%	2479	2498	2498	2498	2498	2498	HIAL
4208	4385.1	-324.6	39.70	1.84%	2211	2498	2498	2498	2498	2498	Obstruction Light (Lit 1/1)
4210	4388.7	-324.6	39.78	1.84%	2209	2498	2498	2498	2498	2498	Obstruction Light (Lit 1/1)
4212	4291.8	-305.1	40.67	1.99%	2065	2412	2498	2498	2498	2498	Obstruction Light (Lit 1/1)
4301	2910.4	93.5	16.35	2.76%	2196	2309	2392	2453	2498	2498	Light Pole
4303	2872.7	97.1	14.43	2.52%	2276	2374	2442	2487	2498	2498	Light Pole
4333	2876.1	126.1	15.98	2.91%	2186	2293	2375	2436	2498	2498	Light Pole
4335	2901.5	132.6	13.00	1.99%	2400	2474	2498	2498	2498	2498	Light Pole
4337	2912.9	119.3	16.23	2.71%	2206	2317	2401	2460	2498	2498	Light Pole
4341	2976.8	19.6	18.31	2.78%	2145	2270	2369	2443	2498	2498	Light Pole
4343	2975.0	-22.9	17.02	2.52%	2218	2339	2426	2486	2498	2498	Light Pole
4345	2973.2	-65.3	15.84	2.29%	2290	2401	2475	2498	2498	2498	Light Pole
4361	4508.9	-243.7	39.70	1.73%	2336	2498	2498	2498	2498	2498	Building
4411	2966.9	1.6	12.72	1.65%	2476	2498	2498	2498	2498	2498	Road Edge (South) (plus 4.4m)
4413	2968.2	26.1	13.47	1.81%	2437	2498	2498	2498	2498	2498	Road Edge (South) (plus 4.4m)
4415	2969.4	51.2	14.21	1.96%	2390	2477	2498	2498	2498	2498	Road Edge (South) (plus 4.4m)
4417	2970.2	76.5	14.84	2.09%	2351	2448	2498	2498	2498	2498	Road Edge (South) (plus 4.4m)
4419	2971.8	99.6	15.10	2.14%	2337	2439	2498	2498	2498	2498	Road Edge (South) (plus 4.4m)
4421	2973.1	125.2	15.07	2.12%	2340	2441	2498	2498	2498	2498	Road Edge (South) (plus 4.4m)
4423	2973.2	145.2	14.83	2.07%	2356	2451	2498	2498	2498	2498	Road Edge (South) (plus 4.4m)
4440	2677.9	-0.1	8.31	1.85%	2465	2498	2498	2498	2498	2498	RWY 16L Localiser Far Field Centreline Monitor Antenna
4441	2677.9	-63.7	8.52	1.96%	2452	2483	2498	2498	2498	2498	RWY 16L Localiser Far Field Displacement Sensitivity Monitor Antenna
4446	2927.7	89.4	15.78	2.51%	2246	2358	2437	2488	2498	2498	Tree
4484	2905.9	127.3	14.22	2.27%	2325	2419	2480	2498	2498	2498	Tree
4485	2921.2	135.8	16.34	2.68%	2207	2319	2404	2464	2498	2498	Tree
4487	2959.5	82.8	17.57	2.73%	2172	2293	2386	2453	2498	2498	Tree
4493	4295.5	297.3	40.02	1.95%	2108	2448	2498	2498	2498	2498	Mantra Hotel
4737	2992.8	-118.9	15.07	2.04%	2361	2458	2498	2498	2498	2498	Floodlight
4832	4947.1	378.9	51.00	1.88%	2075	2498	2498	2498	2498	2498	Building
5412	2807.1	102.0	11.89	2.23%	2374	2442	2485	2498	2498	2498	Tree
5461	2686.4	111.7	9.55	2.42%	2400	2444	2474	2498	2498	2498	Tree
5462	2703.6	108.7	9.80	2.34%	2401	2447	2479	2498	2498	2498	Tree
5466	3271.8	132.6	19.85	1.92%	2340	2482	2498	2498	2498	2498	Tree
5467	3273.9	149.8	17.61	1.63%	2477	2498	2498	2498	2498	2498	Tree
5468	3275.7	187.0	22.80	2.29%	2161	2336	2462	2498	2498	2498	Tree
5895	2977.3	-108.5	14.64	2.01%	2372	2465	2498	2498	2498	2498	Floodlight
5964	2925.6	-135.0	15.29	2.41%	2276	2382	2454	2498	2498	2498	Tree
5965	2926.8	-121.8	14.86	2.30%	2305	2405	2473	2498	2498	2498	Tree
5966	2926.5	-84.9	14.57	2.24%	2324	2421	2483	2498	2498	2498	Tree
5967	2925.8	-63.5	14.42	2.20%	2334	2427	2488	2498	2498	2498	Tree
5968	2941.8	-100.3	15.90	2.46%	2252	2365	2444	2498	2498	2498	Tree
5969	2939.1	-70.0	16.67	2.65%	2204	2320	2406	2468	2498	2498	Tree
5970	3141.9	116.9	18.97	2.17%	2261	2404	2498	2498	2498	2498	Tree
9111	4045.9	125.8	30.66	1.66%	2440	2498	2498	2498	2498	2498	light pole long term carpark
9112	4057.6	96.2	32.50	1.76%	2335	2498	2498	2498	2498	2498	light pole long term carpark
9113	4080.5	57.3	31.01	1.64%	2449	2498	2498	2498	2498	2498	light pole long term carpark
9114	4099.0	16.9	30.60	1.60%	2486	2498	2498	2498	2498	2498	light pole long term carpark
9538	3041.5	56.7	17.14	2.24%	2276	2401	2482	2498	2498	2498	TREE

Summary of STODAs													
Max Grade		1.6%		1.9%		2.2%		2.5%		3.3%		5.0%	
ID	Grade	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)
2738	35.32%	1267	3955	1267	4001	1267	4036	2738	4042	2738	4044	2738	4047

Worst STODAs											
1.6%		1.9%		2.2%		2.5%		3.3%		5.0%	
ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)
1267	3955	1267	4001	1267	4036	2738	4042	2738	4044	2738	4047
2426	3966	2426	4008	2426	4040	2754	4046	-	4053	-	4053
1513	3968	1513	4012	2738	4040	-	4053	-	4053	-	4053
1531	3983	1531	4025	2754	4041	-	4053	-	4053	-	4053
1535	3986	1535	4028	1513	4044	-	4053	-	4053	-	4053
1533	3992	1533	4032	-	4053	-	4053	-	4053	-	4053
2812	3999	2754	4036	-	4053	-	4053	-	4053	-	4053
2216	4019	2738	4039	-	4053	-	4053	-	4053	-	4053
1539	4022	2812	4041	-	4053	-	4053	-	4053	-	4053
2754	4027	2758	4047	-	4053	-	4053	-	4053	-	4053

Worst GRADES							
ID	Grade	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%
2738	35.32%	4036	4039	4040	4042	4044	4047
2754	2.89%	4027	4036	4041	4046	4053	4053
1267	2.35%	3955	4001	4036	4053	4053	4053
2426	2.32%	3966	4008	4040	4053	4053	4053
1513	2.26%	3968	4012	4044	4053	4053	4053
1531	2.13%	3983	4025	4053	4053	4053	4053
1535	2.10%	3986	4028	4053	4053	4053	4053
1533	2.07%	3992	4032	4053	4053	4053	4053
2812	1.98%	3999	4041	4053	4053	4053	4053
2758	1.96%	4037	4047	4053	4053	4053	4053

ID	Ch	OS	RL	MAX	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
1267	4263.7	93.2	9.23	2.35%	3955	4001	4036	4053	4053	4053	Aerial
1511	4222.6	109.5	7.13	1.68%	4041	4053	4053	4053	4053	4053	Noise Mon. Aerial
1513	4258.7	103.2	8.92	2.26%	3968	4012	4044	4053	4053	4053	Camera on roof
1515	4157.6	0.1	5.99	1.63%	4046	4053	4053	4053	4053	4053	Antenna
1531	4260.8	102.8	8.70	2.13%	3983	4025	4053	4053	4053	4053	Lightning Conductor on Roof
1533	4256.7	107.7	8.49	2.07%	3992	4032	4053	4053	4053	4053	Sewer Vent
1535	4261.3	94.5	8.66	2.10%	3986	4028	4053	4053	4053	4053	Aerial - Wall Mounted
1539	4252.4	102.3	7.92	1.83%	4022	4053	4053	4053	4053	4053	Apex of G.I. Roof
2216	4280.4	0.0	8.41	1.82%	4019	4053	4053	4053	4053	4053	Far field monitor mast
2218	4280.3	57.6	8.16	1.71%	4034	4053	4053	4053	4053	4053	Far field monitor mast
2426	4246.8	110.9	8.77	2.32%	3966	4008	4040	4053	4053	4053	Exhaust atop LLER Building
2738	4053.1	-46.3	4.50	35.32%	4036	4039	4040	4042	4044	4047	ILS Protected Area Bollard
2754	4080.6	-11.9	5.08	2.89%	4027	4036	4041	4046	4053	4053	34L HIAL
2756	4110.1	12.1	5.37	1.91%	4038	4048	4053	4053	4053	4053	34L HIAL
2758	4110.1	0.1	5.40	1.96%	4037	4047	4053	4053	4053	4053	34L HIAL
2760	4110.1	-12.0	5.38	1.92%	4038	4048	4053	4053	4053	4053	34L HIAL
2764	4139.6	0.1	5.78	1.73%	4042	4053	4053	4053	4053	4053	34L HIAL
2812	4267.7	96.4	8.54	1.98%	3999	4041	4053	4053	4053	4053	RADAR Video Surveillance Camera (lightning rod)
2730	4052.6	77.9	4.40	167.28%	4041	4042	4044	4044	4046	4049	ILS Protected Area Bollard
2750	4080.6	12.0	5.05	2.76%	4030	4038	4043	4047	4053	4053	34L HIAL
2752	4080.6	0.1	5.07	2.86%	4028	4036	4042	4046	4053	4053	34L HIAL
2762	4139.6	12.0	5.76	1.71%	4043	4053	4053	4053	4053	4053	34L HIAL
2766	4139.6	-12.0	5.76	1.71%	4043	4053	4053	4053	4053	4053	34L HIAL

Summary of STODAs													
Max Grade		1.6%		1.9%		2.2%		2.5%		3.3%		5.0%	
ID	Grade	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)
2968	44.02%	1226	3455	1226	3707	5950	3840	5950	3936	2968	3993	2968	4015

Worst STODAs											
1.6%		1.9%		2.2%		2.5%		3.3%		5.0%	
ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)	ID	Length (m)
1226	3455	1226	3707	5950	3840	5950	3936	2968	3993	2968	4015
3032	3470	5950	3724	1226	3884	2968	3974	2966	3994	2966	4016
3433	3525	3032	3745	5952	3895	2966	3975	2967	3994	2967	4016
3430	3542	5952	3773	9481	3933	2967	3975	2971	4008	2971	4035
3436	3554	3433	3779	5433	3934	2971	3984	2970	4008	2970	4035
3033	3555	3430	3783	5422	3944	2970	3984	2969	4009	2969	4035
5950	3559	3077	3787	3077	3945	2969	3984	2977	4037	-	4053
3443	3562	3436	3802	3032	3947	5952	3989	2976	4037	-	4053
3577	3586	3033	3805	5423	3947	5433	3995	2975	4037	-	4053
3077	3587	3431	3825	5430	3954	5422	3999	2980	4046	-	4053

Worst GRADES							
ID	Grade	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%
2968	44.02%	3928	3948	3964	3974	3993	4015
2966	43.10%	3930	3950	3965	3975	3994	4016
2967	42.82%	3930	3950	3965	3975	3994	4016
2971	7.38%	3927	3952	3971	3984	4008	4035
2970	7.35%	3927	3953	3971	3984	4008	4035
2969	7.34%	3928	3953	3971	3984	4009	4035
2977	3.75%	3925	3960	3984	4003	4037	4053
2976	3.74%	3925	3960	3985	4003	4037	4053
2975	3.74%	3926	3961	3985	4003	4037	4053
2980	3.39%	3910	3953	3983	4005	4046	4053

ID	Ch	OS	RL	MAX	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
3577	5289.4	92.8	29.69	2.22%	3586	3840	4036	4053	4053	4053	Sewer Vent
5952	4683.1	-61.5	19.50	2.75%	3616	3773	3895	3989	4053	4053	Pole
1226	5067.3	-142.9	28.20	2.56%	3455	3707	3884	4024	4053	4053	TREE
1798	7518.9	480.0	63.00	1.75%	3727	4053	4053	4053	4053	4053	Tree - Norfolk
2580	4173.9	-0.2	5.95	3.10%	3937	3975	4000	4021	4053	4053	Far Field monitor mast (lit)
2966	4057.2	-12.0	4.21	43.10%	3930	3950	3965	3975	3994	4016	HAL
2967	4057.2	12.1	4.21	42.82%	3930	3950	3965	3975	3994	4016	HAL
2968	4057.2	0.0	4.24	44.02%	3928	3948	3964	3974	3993	4015	HAL
2969	4087.1	-12.0	4.72	7.34%	3928	3953	3971	3984	4009	4035	HAL
2970	4087.2	0.0	4.73	7.35%	3927	3953	3971	3984	4008	4035	HAL
2971	4087.2	12.1	4.74	7.38%	3927	3952	3971	3984	4008	4035	HAL
2975	4147.2	0.0	5.72	3.74%	3926	3961	3985	4003	4037	4053	HAL
2976	4147.3	-12.0	5.73	3.74%	3925	3960	3985	4003	4037	4053	HAL
2977	4147.3	12.0	5.74	3.75%	3925	3960	3984	4003	4037	4053	HAL
2980	4179.3	0.0	6.48	3.39%	3910	3953	3983	4005	4046	4053	HAL
2981	4211.9	0.0	7.09	3.08%	3904	3953	3987	4014	4053	4053	HAL
3032	5257.1	-109.9	31.00	2.39%	3470	3745	3947	4053	4053	4053	Tree
3033	5224.5	10.7	29.13	2.30%	3555	3805	3997	4053	4053	4053	Palm Tree
3077	4942.2	-108.0	24.12	2.47%	3587	3787	3945	4053	4053	4053	Palm Tree
3430	5143.8	-41.3	28.05	2.37%	3542	3783	3968	4053	4053	4053	Tree
3433	5204.6	-91.3	29.29	2.35%	3525	3779	3972	4053	4053	4053	Tree
3436	5212.9	-89.2	28.96	2.31%	3554	3802	3993	4053	4053	4053	Tree
3443	7752.8	-528.5	69.47	1.82%	3562	4053	4053	4053	4053	4053	Gum Tree Group
3449	7536.9	-154.0	64.77	1.80%	3641	4053	4053	4053	4053	4053	Lightning Rod
3459	7979.0	-481.5	70.33	1.74%	3729	4053	4053	4053	4053	4053	Flag Pole on Clock Tower
3541	4210.3	-74.4	7.04	3.08%	3906	3954	3988	4014	4053	4053	Light Pole
3665	7368.1	418.0	60.78	1.77%	3716	4053	4053	4053	4053	4053	Gum Tree
3778	7211.6	482.7	55.81	1.70%	3858	4053	4053	4053	4053	4053	Tree
3831	8010.9	-549.1	71.21	1.74%	3708	4053	4053	4053	4053	4053	Antenna on Building (White)
5422	4418.1	-123.9	12.61	2.85%	3769	3868	3944	3999	4053	4053	Shrub
5423	4423.4	-101.6	12.65	2.82%	3771	3871	3947	4002	4053	4053	Shrub
5433	4455.6	-137.6	13.64	2.84%	3746	3851	3934	3995	4053	4053	Shrub
396	5307.1	-183.3	23.35	1.69%	3983	4053	4053	4053	4053	4053	Palm tree
398	5312.0	-186.1	23.20	1.67%	3995	4053	4053	4053	4053	4053	Palm tree
400	5383.7	45.4	28.47	1.97%	3747	3997	4053	4053	4053	4053	Palm tree
482	4189.5	95.0	5.32	2.29%	3991	4022	4042	4053	4053	4053	Light Pole
484	4189.5	79.0	5.25	2.24%	3995	4025	4046	4053	4053	4053	Light Pole
486	4189.5	63.7	5.28	2.26%	3993	4024	4044	4053	4053	4053	Light Pole
488	4189.5	45.0	5.24	2.24%	3995	4025	4046	4053	4053	4053	Light Pole
490	4189.5	30.2	5.24	2.24%	3995	4025	4046	4053	4053	4053	Light Pole
492	4189.5	14.7	5.25	2.24%	3994	4025	4045	4053	4053	4053	Light Pole
494	4189.5	-2.3	5.24	2.23%	3995	4025	4046	4053	4053	4053	Light Pole
496	4189.5	-17.7	5.21	2.21%	3997	4027	4048	4053	4053	4053	Light Pole
498	4189.4	-33.9	5.25	2.24%	3994	4025	4046	4053	4053	4053	Light Pole
500	4189.5	-48.9	5.29	2.27%	3992	4023	4044	4053	4053	4053	Light Pole
502	4189.5	-66.8	5.27	2.26%	3993	4024	4045	4053	4053	4053	Light Pole
504	4189.5	-81.7	5.32	2.29%	3990	4022	4042	4053	4053	4053	Light Pole
506	4189.5	-97.9	5.28	2.26%	3993	4024	4044	4053	4053	4053	Light Pole
526	4226.2	108.3	6.85	2.69%	3933	3979	4012	4036	4053	4053	Light Pole
528	4226.2	96.2	6.92	2.73%	3929	3976	4009	4034	4053	4053	Light Pole
530	4226.2	84.1	6.90	2.72%	3931	3977	4010	4035	4053	4053	Light Pole
532	4226.2	71.7	6.85	2.69%	3933	3979	4012	4036	4053	4053	Light Pole
534	4226.2	59.6	6.86	2.69%	3933	3979	4011	4036	4053	4053	Light Pole
536	4226.2	47.3	6.84	2.68%	3934	3980	4012	4036	4053	4053	Light Pole
538	4226.2	35.2	6.88	2.71%	3932	3978	4010	4035	4053	4053	Light Pole
540	4226.2	23.1	6.85	2.69%	3934	3979	4012	4036	4053	4053	Light Pole
542	4226.2	10.5	6.86	2.69%	3933	3979	4011	4036	4053	4053	Light Pole
544	4226.2	-1.4	6.81	2.66%	3936	3982	4014	4038	4053	4053	Light Pole
546	4226.2	-13.7	6.88	2.70%	3932	3978	4011	4035	4053	4053	Light Pole
548	4226.2	-25.9	6.81	2.66%	3936	3982	4014	4038	4053	4053	Light Pole
550	4226.2	-38.1	6.87	2.70%	3932	3979	4011	4036	4053	4053	Light Pole
552	4226.2	-50.1	6.88	2.71%	3932	3978	4010	4035	4053	4053	Light Pole
554	4226.1	-62.5	6.88	2.71%	3932	3978	4010	4035	4053	4053	Light Pole
556	4226.1	-74.4	6.86	2.69%	3933	3979	4012	4036	4053	4053	Light Pole
558	4226.1	-86.5	6.84	2.68%	3934	3980	4012	4037	4053	4053	Light Pole
560	4226.1	-98.9	6.89	2.71%	3931	3978	4010	4035	4053	4053	Light Pole
562	4226.1	-111.0	6.88	2.71%	3931	3978	4010	4035	4053	4053	Light Pole
582	4190.2	-96.3	4.65	1.79%	4032	4053	4053	4053	4053	4053	Road Sign
584	4189.9	-37.0	4.71	1.84%	4028	4053	4053	4053	4053	4053	Road Sign
1214	4645.0	147.0	12.17	1.69%	4018	4053	4053	4053	4053	4053	LIGHT POLE
1229	4979.8	-192.2	22.07	2.14%	3743	3932	4053	4053	4053	4053	LIGHT POLE
1309	4211.1	-80.8	5.38	2.02%	4008	4038	4053	4053	4053	4053	Perimeter fence
1310	4211.1	-32.9	5.38	2.02%	4008	4038	4053	4053	4053	4053	Perimeter fence
1311	4211.1	8.8	5.38	2.02%	4008	4038	4053	4053	4053	4053	Perimeter fence
1312	4211.1	37.5	5.39	2.02%	4007	4038	4053	4053	4053	4053	Perimeter fence
1313	4211.1	66.2	5.39	2.02%	4007	4038	4053	4053	4053	4053	Perimeter fence
1314	4211.1	102.1	5.39	2.02%	4007	4038	4053	4053	4053	4053	Perimeter fence
1318	5063.2	29.5	23.55	2.11%	3736	3938	4053	4053	4053	4053	Mobile Phone Tower
1320	5046.7	0.9	20.12	1.80%	3925	4053	4053	4053	4053	4053	Plant room atop building
1321	5123.4	168.2	22.36	1.88%	3861	4053	4053	4053	4053	4053	Building

Sydney Airport
2021 STODAs
Runway 34L
Obstacle Database: 220321

ID	Ch	OS	RL	MAX	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
1322	5121.0	187.6	22.36	1.89%	3859	4053	4053	4053	4053	4053	Building
1323	5022.9	-54.5	19.76	1.81%	3924	4053	4053	4053	4053	4053	Apex of building
1724	4300.9	-52.6	6.83	1.87%	4007	4053	4053	4053	4053	4053	Fence Pole
1740	5284.2	81.9	25.73	1.91%	3811	4040	4053	4053	4053	4053	Light Pole
1990	7697.2	-473.3	66.36	1.76%	3698	4053	4053	4053	4053	4053	Tree
1991	7687.4	-387.1	66.50	1.77%	3680	4053	4053	4053	4053	4053	Gum Tree
2100	4791.2	-120.2	17.88	2.13%	3808	3965	4053	4053	4053	4053	Vent
2102	4801.2	-133.1	18.08	2.12%	3806	3964	4053	4053	4053	4053	Vent
2104	4814.7	-140.3	18.00	2.08%	3824	3981	4053	4053	4053	4053	Vent
2106	4827.9	-147.2	18.14	2.06%	3828	3986	4053	4053	4053	4053	Vent
2108	4840.8	-154.0	18.41	2.06%	3825	3985	4053	4053	4053	4053	Vent
2110	4854.8	-161.3	18.53	2.04%	3831	3992	4053	4053	4053	4053	Vent
2112	4868.5	-168.6	18.83	2.04%	3826	3990	4053	4053	4053	4053	Vent
2114	4880.2	-174.7	19.02	2.03%	3826	3991	4053	4053	4053	4053	Vent
2116	4894.3	-182.2	19.37	2.04%	3818	3988	4053	4053	4053	4053	Vent
2136	4908.0	-189.3	19.58	2.03%	3819	3990	4053	4053	4053	4053	Vent
2138	4921.6	-196.6	19.83	2.03%	3817	3990	4053	4053	4053	4053	Vent
2146	4995.5	-184.8	22.24	2.13%	3747	3939	4053	4053	4053	4053	Street light
2148	5000.3	-133.8	22.26	2.12%	3751	3942	4053	4053	4053	4053	Street light
2150	4914.0	-108.4	18.44	1.89%	3897	4053	4053	4053	4053	4053	Street light
2516	5368.6	-52.8	30.20	2.13%	3633	3893	4053	4053	4053	4053	Tree
2518	5522.9	241.9	28.88	1.82%	3853	4053	4053	4053	4053	4053	Tree
2520	4907.5	90.4	18.00	1.85%	3918	4053	4053	4053	4053	4053	Flood Light
2578	4173.8	-57.2	5.85	3.03%	3944	3980	4004	4025	4053	4053	Far field monitor mast
2978	4179.7	14.9	6.15	3.12%	3931	3970	3997	4019	4053	4053	HAL
2979	4179.7	-15.1	6.18	3.15%	3929	3969	3995	4018	4053	4053	HAL
2982	4275.9	0.0	8.00	2.60%	3912	3969	4009	4040	4053	4053	HAL
2983	4303.5	0.0	8.50	2.52%	3908	3971	4014	4047	4053	4053	HAL
2984	4331.2	0.0	9.02	2.45%	3903	3971	4018	4053	4053	4053	HAL
2985	4358.9	0.0	9.44	2.37%	3904	3976	4026	4053	4053	4053	HAL
2986	4386.7	0.0	9.90	2.31%	3903	3979	4033	4053	4053	4053	HAL
2987	4414.4	0.0	10.29	2.24%	3907	3986	4041	4053	4053	4053	HAL
2988	4442.1	0.1	10.72	2.19%	3907	3990	4053	4053	4053	4053	HAL
2989	4469.5	0.0	11.23	2.17%	3903	3991	4053	4053	4053	4053	HAL
2990	4497.5	-0.1	11.73	2.15%	3900	3992	4053	4053	4053	4053	HAL
2991	4525.3	0.0	12.27	2.13%	3894	3992	4053	4053	4053	4053	HAL
2992	4553.0	0.0	12.71	2.10%	3894	3996	4053	4053	4053	4053	HAL
2993	4580.8	0.0	13.12	2.07%	3896	4002	4053	4053	4053	4053	HAL
2994	4608.5	0.0	13.67	2.07%	3889	4001	4053	4053	4053	4053	HAL
2995	4636.2	0.0	14.04	2.03%	3894	4010	4053	4053	4053	4053	HAL
2996	4663.7	0.0	14.54	2.02%	3890	4011	4053	4053	4053	4053	HAL
2997	4692.2	0.1	14.99	2.00%	3891	4016	4053	4053	4053	4053	HAL
3000	4243.5	0.0	7.50	2.78%	3911	3964	3999	4028	4053	4053	HAL
3005	4243.9	2.3	7.28	2.67%	3924	3975	4010	4037	4053	4053	HAL
3006	4243.9	-2.2	7.24	2.65%	3927	3977	4012	4038	4053	4053	HAL
3035	5268.8	192.0	28.50	2.16%	3639	3883	4053	4053	4053	4053	Palm Tree
3062	4056.4	46.2	2.57	9.96%	4028	4032	4035	4037	4042	4046	frangible marker
3063	4053.5	-46.2	2.65	45.08%	4021	4026	4030	4032	4037	4042	frangible marker
3064	4082.1	45.9	2.80	2.09%	4038	4045	4053	4053	4053	4053	frangible marker
3075	4927.5	-108.2	18.26	1.84%	3922	4053	4053	4053	4053	4053	Street light
3076	4945.0	-125.6	18.76	1.86%	3909	4053	4053	4053	4053	4053	Street light
3078	4873.6	-151.0	19.40	2.10%	3796	3967	4053	4053	4053	4053	Vent atop building
3079	5035.6	-168.0	22.56	2.07%	3765	3963	4053	4053	4053	4053	Lightning rod atop chimney
3081	5357.4	-49.2	30.04	2.13%	3632	3891	4053	4053	4053	4053	Tree
3082	5466.7	-13.9	29.83	1.96%	3745	4009	4053	4053	4053	4053	Tree
3083	5391.2	-45.0	29.60	2.05%	3690	3948	4053	4053	4053	4053	Tree
3195	8038.8	-159.4	66.19	1.61%	4034	4053	4053	4053	4053	4053	Tree
3402	4305.7	103.3	7.25	2.00%	3987	4035	4053	4053	4053	4053	Lightpole
3411	4629.4	-106.0	15.24	2.26%	3811	3941	4033	4053	4053	4053	Traffic sign
3420	4798.2	-107.7	17.65	2.07%	3829	3983	4053	4053	4053	4053	Vent
3422	4829.0	156.5	17.42	1.96%	3875	4024	4053	4053	4053	4053	Container
3423	4977.6	-146.2	22.37	2.18%	3725	3914	4053	4053	4053	4053	Tree
3424	5003.6	-156.8	21.43	2.02%	3799	3989	4053	4053	4053	4053	Light pole
3425	4988.9	-134.4	21.24	2.04%	3796	3984	4053	4053	4053	4053	Power pole
3428	5087.3	25.5	20.87	1.81%	3919	4053	4053	4053	4053	4053	Flag
3429	5127.5	-52.7	25.30	2.15%	3695	3910	4053	4053	4053	4053	Tree
3431	5160.6	-81.2	27.52	2.29%	3592	3825	4006	4053	4053	4053	Tree
3432	5177.4	-82.3	26.47	2.16%	3670	3898	4053	4053	4053	4053	Tree
3434	5164.1	157.2	25.64	2.11%	3709	3929	4053	4053	4053	4053	Tree
3435	5209.5	-59.3	27.16	2.16%	3663	3894	4053	4053	4053	4053	Tree
3445	8004.5	-549.5	66.66	1.63%	3974	4053	4053	4053	4053	4053	Round Dark Chimney on Building
3487	5008.4	-117.0	22.21	2.10%	3760	3954	4053	4053	4053	4053	Light Pole
3489	5003.4	-93.9	23.21	2.21%	3700	3896	4043	4053	4053	4053	Elec Pole
3509	5314.8	171.1	29.55	2.17%	3620	3873	4053	4053	4053	4053	Sewer Vent
3511	4210.2	108.3	6.78	2.92%	3922	3968	3998	4024	4053	4053	Light Pole
3513	4210.2	96.1	6.82	2.94%	3920	3966	3997	4023	4053	4053	Light Pole
3515	4210.3	84.0	6.75	2.89%	3924	3970	4000	4025	4053	4053	Light Pole
3517	4210.1	71.7	6.78	2.92%	3922	3968	3999	4024	4053	4053	Light Pole
3519	4210.1	59.6	6.82	2.94%	3920	3966	3997	4023	4053	4053	Light Pole
3521	4210.2	47.5	6.79	2.92%	3922	3968	3998	4024	4053	4053	Light Pole
3523	4210.2	35.2	6.75	2.90%	3924	3969	4000	4025	4053	4053	Light Pole
3525	4210.2	22.9	6.73	2.88%	3925	3970	4001	4026	4053	4053	Light Pole
3527	4210.3	10.6	6.79	2.92%	3922	3967	3998	4024	4053	4053	Light Pole
3529	4210.2	-1.8	6.75	2.90%	3924	3969	4000	4025	4053	4053	Light Pole
3531	4210.2	-13.6	6.79	2.92%	3922	3967	3998	4024	4053	4053	Light Pole
3533	4210.2	-25.7	6.78	2.92%	3922	3968	3998	4024	4053	4053	Light Pole
3535	4210.2	-38.3	6.76	2.90%	3924	3969	3999	4025	4053	4053	Light Pole
3537	4210.2	-49.8	6.81	2.94%	3921	3966	3997	4023	4053	4053	Light Pole
3539	4210.2	-62.4	6.80	2.93%	3921	3967	3998	4023	4053	4053	Light Pole
3543	4210.1	-86.2	6.80	2.93%	3921	3967	3998	4023	4053	4053	Light Pole
3545	4210.1	-98.8	6.92	3.01%	3913	3960	3992	4018	4053	4053	Light Pole
3581	4561.2	-102.2	12.10	1.95%	3940	4035	4053	4053	4053	4053	Natural Surface
3655	4987.8	-120.7	24.05	2.34%	3637	3835	3991	4053	4053	4053	Sign
3667	5059.6	-101.6	23.90	2.16%	3712	3916	4053	4053	4053	4053	Elec Pole
3673	5237.1	20.9	28.60	2.23%	3601	3845	4033	4053	4053	4053	Building
3687	4858.1	-118.8	20.10	2.22%	3744	3915	4039	4053	4053	4053	TV Antenna
3691	4828.9	-114.8	18.20	2.06%	3826	3984	4053	4053	4053	4053	Roof Pitch (G.I. Edge of conc.)
3697	4872.1	171.0	18.96	2.05%	3821	3987	4053	4053	4053	4053	Elec Pole (Steel)
3703	4685.1	117.3	13.19	1.74%	3994	4053	4053	4053	4053	4053	Elec Pole with Light
3705	4687.6	144.0	14.68	1.97%	3906	4027	4053	4053	4053	4053	Elec Pole with Light
3707	4731.2	111.3	13.93	1.73%	3993	4053	4053	4053	4053	4053	Elec Pole with Light
3709	4726.7	86.4	13.39	1.66%	4023	4053	4053	4053	4053	4053	Elec Pole with Light
3711	4766.7	56.1	13.93	1.64%	4029	4053	4053	4053	4053	4053	Elec Pole with Light
3745	4597.9	-129.5	13.00	1.98%	3921	4026	4053	4053	4053	4053	Natural Surface
3757	4069.4	0.0	3.40	7.20%	3990	4002	4012	4019	4031	4043	Antenna
3766	7573.3	417.4	59.38	1.62%	3995	4053	4053	4053	4053	4053	Tree
3767	4170.2	-26.1	4.60	2.06%	4016	4038	4053	4053	4053	4053	Obstruction Light (Lit 2/2)
3768	7539.9	453.1	6								

Sydney Airport
2021 STODAs
Runway 34L
Obstacle Database: 220321

ID	Ch	OS	RL	MAX	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
3789	5322.8	105.0	27.73	2.01%	3734	3977	4053	4053	4053	4053	Column with Vent Cover
3833	4208.5	-109.2	5.73	2.28%	3985	4019	4043	4053	4053	4053	Perimeter Road Crown (plus 3.6m)
3835	4208.1	0.0	5.67	2.24%	3988	4022	4045	4053	4053	4053	Perimeter Road Crown (plus 3.6m)
3837	4208.2	109.1	5.72	2.27%	3985	4019	4043	4053	4053	4053	Perimeter Road Crown (plus 3.6m)
3888	5058.1	-4.1	19.94	1.77%	3947	4053	4053	4053	4053	4053	Mobile phone aerial
3889	5060.6	-6.2	20.57	1.82%	3911	4053	4053	4053	4053	4053	Mobile phone aerial
3891	5075.1	15.6	20.54	1.80%	3927	4053	4053	4053	4053	4053	Mobile phone aerial
3892	5076.8	18.1	20.68	1.81%	3920	4053	4053	4053	4053	4053	Mobile phone aerial
3894	5071.0	15.9	18.97	1.65%	4019	4053	4053	4053	4053	4053	Shed on Roof Princes Hwy
3901	5258.5	9.2	28.43	2.18%	3634	3876	4053	4053	4053	4053	Sewer Vent on Railway Line
3902	5287.1	-71.7	28.55	2.14%	3654	3899	4053	4053	4053	4053	Tree
3904	5507.8	-145.6	28.54	1.81%	3859	4053	4053	4053	4053	4053	Tree
3988	4852.3	-139.9	19.44	2.16%	3775	3943	4053	4053	4053	4053	Vent atop building
3989	4980.1	-167.2	21.94	2.13%	3751	3940	4053	4053	4053	4053	Light Pole
3991	5150.5	131.0	26.33	2.20%	3656	3879	4053	4053	4053	4053	Tree
3996	4215.8	-110.1	6.06	2.38%	3973	4009	4036	4053	4053	4053	Road surface plus 4.3m as per RMS instructions (plus 4.3m)
3997	4215.8	0.0	6.05	2.37%	3973	4009	4036	4053	4053	4053	Road surface plus 4.3m as per RMS instructions (plus 4.3m)
3998	4216.4	109.7	6.04	2.35%	3974	4011	4037	4053	4053	4053	Road surface plus 4.3m as per RMS instructions (plus 4.3m)
4461	4888.9	-102.1	19.64	2.09%	3797	3970	4053	4053	4053	4053	Tree
4462	4925.4	-155.7	19.72	2.01%	3827	3999	4053	4053	4053	4053	SW corner 'The Good Guys' building
4463	4899.0	-194.7	20.84	2.20%	3740	3916	4046	4053	4053	4053	Vent on eastern side of Decathlon Sports Warehouse
4465	4945.3	-191.3	20.14	2.01%	3821	3997	4053	4053	4053	4053	Air conditioning unit atop 'The Good Guy' building
4467	5200.9	-100.9	27.50	2.20%	3634	3867	4046	4053	4053	4053	Tree
4731	4832.3	132.2	17.70	1.99%	3861	4013	4053	4053	4053	4053	Shipping container
4785	4799.4	-127.4	19.88	2.37%	3704	3867	3992	4053	4053	4053	Tree
4787	5227.4	3.4	24.59	1.91%	3825	4043	4053	4053	4053	4053	Flood Light
4788	6005.1	114.9	37.25	1.80%	3811	4053	4053	4053	4053	4053	Mobile Phone Tower
4945	4788.0	-64.0	17.94	2.14%	3802	3958	4053	4053	4053	4053	Tallest of a grove of trees
5313	7663.3	-455.8	64.13	1.72%	3791	4053	4053	4053	4053	4053	Tree
5419	4348.3	-95.4	8.66	2.19%	3943	4004	4053	4053	4053	4053	Shrub
5424	4403.8	-98.1	12.03	2.80%	3788	3885	3956	4008	4053	4053	Shrub
5425	4391.1	-64.2	9.95	2.29%	3905	3981	4035	4053	4053	4053	Shrub
5430	4398.1	-131.3	11.95	2.83%	3787	3883	3954	4005	4053	4053	Shrub
5469	4052.9	-89.1	2.74	142.59%	4015	4021	4025	4028	4034	4040	Frangible bollard
5471	4314.0	42.0	7.14	1.90%	4000	4053	4053	4053	4053	4053	Floodlight
5472	4380.1	91.4	8.55	1.94%	3981	4040	4053	4053	4053	4053	Floodlight
5475	4441.4	-108.5	12.78	2.73%	3779	3883	3959	4015	4053	4053	Shrub
5476	4512.7	-96.2	13.52	2.46%	3802	3915	3995	4053	4053	4053	Shrub
5477	4608.4	-53.8	15.31	2.36%	3788	3917	4009	4053	4053	4053	Shrub
5478	5256.9	110.7	26.08	1.98%	3766	3996	4053	4053	4053	4053	Palm Tree
5479	5209.8	-12.1	27.00	2.14%	3670	3903	4053	4053	4053	4053	Tree
5480	5388.0	-36.6	29.67	2.06%	3683	3940	4053	4053	4053	4053	Tree
5481	5486.3	-9.5	30.38	1.97%	3732	3999	4053	4053	4053	4053	Tree
5801	4787.0	-59.8	17.21	2.05%	3846	3993	4053	4053	4053	4053	Tree
5802	4791.3	-53.3	16.61	1.95%	3888	4028	4053	4053	4053	4053	Tree
5804	4662.2	-59.9	14.09	1.95%	3917	4032	4053	4053	4053	4053	Road surface
5807	4585.2	-59.9	14.14	2.25%	3835	3955	4038	4053	4053	4053	Shrub
5808	4535.7	-56.1	14.25	2.50%	3782	3900	3985	4053	4053	4053	Shrub
5809	4424.4	-50.3	10.93	2.35%	3877	3964	4024	4053	4053	4053	Shrub
5847	4433.4	-87.7	12.72	2.77%	3776	3878	3954	4010	4053	4053	Shrub
5849	4519.2	-130.9	14.07	2.55%	3777	3893	3978	4040	4053	4053	Shrub
5850	4544.0	-64.9	14.02	2.41%	3802	3921	4003	4053	4053	4053	Palm Tree
5851	4593.9	-70.1	15.09	2.38%	3787	3914	4004	4053	4053	4053	Shrub
5852	4672.2	-91.3	15.58	2.16%	3832	3967	4053	4053	4053	4053	Tree
5883	4807.3	-102.4	18.47	2.16%	3789	3949	4053	4053	4053	4053	Tree
5884	4818.1	-78.6	17.19	1.96%	3879	4025	4053	4053	4053	4053	Tree
5885	4824.6	-67.4	16.97	1.92%	3899	4041	4053	4053	4053	4053	Tree
5886	4968.2	60.0	20.41	1.99%	3827	4006	4053	4053	4053	4053	Shipping container
5887	5049.9	-0.4	22.46	2.03%	3783	3982	4053	4053	4053	4053	Aerial atop building
5888	5243.7	-24.6	25.41	1.95%	3791	4019	4053	4053	4053	4053	Floodlight
5889	5249.3	-1.8	26.49	2.03%	3737	3969	4053	4053	4053	4053	Floodlight
5890	5265.5	-10.4	26.33	1.99%	3760	3992	4053	4053	4053	4053	Floodlight
5891	5284.5	-20.5	25.64	1.90%	3816	4044	4053	4053	4053	4053	Floodlight
5892	5344.8	-27.7	27.88	1.99%	3745	3990	4053	4053	4053	4053	Tree
5950	4634.6	-161.9	19.63	3.00%	3559	3724	3840	3936	4053	4053	Pole
5954	4749.8	-114.5	19.00	2.41%	3709	3863	3984	4053	4053	4053	Pole
9439	4907.0	-98.9	16.21	1.64%	4026	4053	4053	4053	4053	4053	Road Crown (plus 4.6m)
9445	4939.3	-118.5	16.91	1.66%	4016	4053	4053	4053	4053	4053	Road Crown (plus 4.6m)
9447	4958.2	-128.8	17.10	1.65%	4023	4053	4053	4053	4053	4053	Road Crown (plus 4.6m)
9456	4660.1	-69.9	14.89	2.09%	3864	3989	4053	4053	4053	4053	Road Crown (plus 4.6m)
9461	4913.0	-104.7	16.52	1.67%	4014	4053	4053	4053	4053	4053	Road Crown (plus 4.6m)
9462	4921.4	-109.2	16.76	1.68%	4007	4053	4053	4053	4053	4053	Road Crown (plus 4.6m)
9467	4967.0	-133.5	17.09	1.63%	4031	4053	4053	4053	4053	4053	Road Crown (plus 4.6m)
9477	4948.7	-123.8	17.04	1.66%	4017	4053	4053	4053	4053	4053	Road Crown (plus 4.6m)
9481	4605.8	-158.4	16.97	2.67%	3694	3826	3933	4013	4053	4053	Road Crown (plus 4.6m)
9482	4929.7	-113.5	16.84	1.67%	4011	4053	4053	4053	4053	4053	Road Crown (plus 4.6m)
9518	4836.5	-118.4	18.80	2.12%	3797	3962	4053	4053	4053	4053	Vent atop building