

Summary of STODAs (2023)														
RUNWAY	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)
07	3326	4.33%	6233	1040	493	1637	493	1910	842	2124	842	2448	-	2620
25	1787	15.42%	2882	796	2053	1938	4392	2383	4392	2465	1787	2514	1787	2553
16R	1267	2.35%	1267	3955	1267	4001	1267	4036	-	4053	-	4053	-	4053
34L	2968	44.02%	1226	3405	1226	3667	1226	3847	2968	3974	2968	3993	2968	4015
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	2610	2269	2610	2364	6289	2469	-	2498

	Worst STODAs (2023)												Worst Grade (2023)							
	1.6%		1.9%		2.2%		2.5%		3.3%		5.0%		ID	MAX	STODA of max grade obstacle					
	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	6233	1040	493	1637	493	1910	842	2124	842	2448	-	2620	3326	4.33%	1890	2085	2253	2362	2513	2620
	493	1260	854	1653	854	1919	493	2150	9431	2463	-	2620	9431	4.22%	1540	1800	1997	2177	2463	2620
	854	1285	842	1729	842	1938	854	2157	2890	2471	-	2620	842	4.21%	1442	1729	1938	2124	2448	2620
	842	1442	9431	1800	9431	1997	9431	2177	830	2481	-	2620	2890	4.15%	1538	1802	2001	2184	2471	2620
	2890	1538	2890	1802	2890	2001	2890	2184	836	2484	-	2620	830	4.11%	1570	1827	2025	2206	2481	2620
	836	1539	836	1806	836	2010	836	2197	3326	2513	-	2620	836	4.04%	1539	1806	2010	2197	2484	2620
	9431	1540	830	1827	830	2025	830	2206	5442	2525	-	2620	5442	3.96%	1778	1993	2188	2332	2525	2620
	5906	1544	5906	1852	2941	2094	834	2286	5443	2526	-	2620	5443	3.92%	1748	1970	2169	2321	2526	2620
	830	1570	6233	1872	5906	2104	2941	2287	834	2532	-	2620	834	3.78%	1645	1896	2106	2286	2532	2620
Runway 25	2941	1607	2941	1875	834	2106	9510	2316	854	2549	-	2620	5984	3.73%	2202	2357	2441	2493	2585	2620
	2882	796	2053	1938	4392	2383	4392	2465	1787	2514	1787	2553	1787	15.42%	2381	2427	2458	2479	2514	2553
	2179	1141	2179	1952	5438	2422	1787	2479	1670	2561	-	2590	1670	4.18%	2409	2457	2490	2512	2561	2590
	2053	1211	2882	2006	5437	2451	5438	2503	6279	2581	-	2590	6279	3.64%	2450	2489	2513	2531	2581	2590
	3945	1430	324	2189	4398	2456	1670	2512	-	2590	-	2590	4392	3.02%	2143	2281	2383	2465	2590	2590
	4827	1502	2869	2263	1787	2458	5437	2526	-	2590	-	2590	6280	2.88%	2418	2474	2511	2543	2590	2590
	1785	1621	4392	2281	6104	2463	6279	2531	-	2590	-	2590	5438	2.78%	2176	2317	2422	2503	2590	2590
	2869	1625	1785	2291	3993	2488	4398	2531	-	2590	-	2590	2841	2.75%	2465	2504	2529	2571	2590	2590
	2039	1643	2039	2317	1670	2490	6280	2543	-	2590	-	2590	1702	2.73%	2422	2480	2516	2558	2590	2590
Runway 16R	2875	1644	5438	2317	2494	2490	6104	2552	-	2590	-	2590	1700	2.71%	2424	2481	2518	2561	2590	2590
	324	1648	9541	2332	6126	2495	1702	2558	-	2590	-	2590	5437	2.65%	2215	2349	2451	2526	2590	2590
	1267	3955	1267	4001	1267	4036	-	4053	-	4053	-	4053	1267	2.35%	3955	4001	4036	4053	4053	4053
	2426	3966	2426	4008	2426	4040	-	4053	-	4053	-	4053	2426	2.32%	3966	4008	4040	4053	4053	4053
	1513	3968	1513	4012	1513	4044	-	4053	-	4053	-	4053	1513	2.26%	3968	4012	4044	4053	4053	4053
	1531	3983	1531	4025	-	4053	-	4053	-	4053	-	4053	1531	2.13%	3983	4025	4053	4053	4053	4053
	1535	3986	1535	4028	-	4053	-	4053	-	4053	-	4053	1535	2.10%	3986	4028	4053	4053	4053	4053
	1533	3992	1533	4032	-	4053	-	4053	-	4053	-	4053	1533	2.07%	3992	4032	4053	4053	4053	4053
	2812	3999	2812	4041	-	4053	-	4053	-	4053	-	4053	2812	1.98%	3999	4041	4053	4053	4053	4053
Runway 16L	2216	4019	-	4053	-	4053	-	4053	-	4053	-	4053	1539	1.83%	4022	4053	4053	4053	4053	4053
	1539	4022	-	4053	-	4053	-	4053	-	4053	-	4053	2216	1.82%	4019	4053	4053	4053	4053	4053
	2218	4034	-	4053	-	4053	-	4053	-	4053	-	4053	2218	1.71%	4034	4053	4053	4053	4053	4053

	Worst STODAs (2023)												Worst Grade (2023)							
	1.6%		1.9%		2.2%		2.5%		3.3%		5.0%		ID	MAX	STODA of max grade obstacle					
	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 34L	1226	3405	1226	3667	1226	3847	2968	3974	2968	3993	2968	4015	2968	44.02%	3928	3948	3964	3974	3993	4015
	3032	3418	3430	3705	3430	3893	2966	3975	2966	3994	2966	4016	2966	43.10%	3930	3950	3965	3975	3994	4016
	3430	3439	3032	3706	3032	3909	2967	3975	2967	3994	2967	4016	2967	42.82%	3930	3950	3965	3975	3994	4016
	3433	3493	3431	3752	6314	3921	6314	3981	2971	4008	2971	4035	2971	7.38%	3927	3952	3971	3984	4008	4035
	3431	3496	3433	3755	6317	3921	6317	3984	2970	4008	2970	4035	2970	7.35%	3927	3953	3971	3984	4008	4035
	3081	3523	3077	3774	3077	3932	2971	3984	2969	4009	2969	4035	2969	7.34%	3928	3953	3971	3984	4009	4035
	3033	3532	3033	3786	3431	3939	2970	3984	2977	4037	-	4053	2977	3.75%	3925	3960	3984	4003	4037	4053
	3436	3554	3081	3799	6315	3942	2969	3984	2976	4037	-	4053	2976	3.74%	3925	3960	3985	4003	4037	4053
	3443	3562	3436	3802	6276	3945	1226	3993	2975	4037	-	4053	2975	3.74%	3926	3961	3985	4003	4037	4053
	3077	3569	4785	3833	6095	3945	6315	3996	2980	4049	-	4053	2980	3.31%	3916	3958	3987	4009	4049	4053
Runway 16L	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
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	2610	2269	2610	2364	6289	2469	-	2498	4026	4.22%	2409	2432	2447	2459	2479	2498
	4781	1558	4781	2045	418	2271	2634	2381	4026	2479	-	2498	6289	3.99%	2307	2359	2395	2422	2469	2498
	2818	1578	2818	2052	2634	2286	418	2383	6112	2485	-	2498	6112	3.41%	2212	2296	2360	2406	2485	2498
	1189	1699	418	2135	9539	2301	4509	2386	-	2498	-	2498	4030	3.26%	2406	2436	2453	2469	2498	2498
	6292	1904	1189	2142	4349	2306	4349	2387	-	2498	-	2498	2610	3.12%	1992	2154	2269	2364	2498	2498
	6604	1914	2610	2154	4509	2306	4486	2393	-	2498	-	2498	4509	3.08%	2065	2201	2306	2386	2498	2498
	418	1941	2634	2167	4486	2313	4351	2397	-	2498	-	2498	4349	3.06%	2060	2199	2306	2387	2498	2498
	2610	1992	9539	2179	4351	2315	9539	2398	-	2498	-	2498	4486	3.06%	2077	2210	2313	2393	2498	2498
	2634	2005	4349	2199	4347	2318	4339	2400	-	2498	-	2498	4351	3.03%	2076	2211	2315	2397	2498	2498
	9539	2015	3925	2200	4339	2318	4347	2400	-	2498	-	2498	2634	3.01%	2005	2167	2286	2381	2498	2498

Sydney Airport (YSSY)
2023 STODAs
Runway 07
Obstacle Database: Obst 240304

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%	6233 1040	493 1637	493 1910	842 2124	842 2124	842 2448					

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)						
6233 1040	493 1637	493 1910	842 2124	842 2448	- 2620						
493 1260	854 1653	854 1919	493 2150	9431 2463	- 2620						
854 1285	842 1729	842 1938	854 2157	2890 2471	- 2620						
842 1442	9431 1800	9431 1997	9431 2177	830 2481	- 2620						
2890 1538	2890 1802	2890 2001	2890 2184	836 2484	- 2620						
836 1539	836 1806	836 2010	836 2197	3326 2513	- 2620						
9431 1540	830 1827	830 2025	830 2206	5442 2525	- 2620						
5906 1544	5906 1852	2941 2094	834 2286	5443 2526	- 2620						
830 1570	6233 1872	5906 2104	2941 2287	834 2532	- 2620						
2941 1607	2941 1875	834 2106	9510 2316	854 2549	- 2620						

Worst GRADES						
ID	GRADE	1.6%	1.9%	2.2%	2.5%	3.3%
3326	4.33%	1890	2085	2253	2362	2513
9431	4.22%	1540	1800	1997	2177	2463
842	4.21%	1442	1729	1938	2124	2448
2890	4.15%	1538	1802	2001	2184	2471
830	4.11%	1570	1827	2025	2206	2481
836	4.04%	1539	1806	2010	2197	2484
5442	3.96%	1778	1993	2188	2332	2525
5443	3.92%	1748	1970	2169	2321	2526
834	3.78%	1645	1896	2106	2286	2532
5984	3.73%	2202	2357	2441	2493	2585

ID	Ch	OS	RL	GRADE	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
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	2972.8	-22.6	15.43	2.67%	2374	2479	2545	2593	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	29.10	2.11%	2196	2498	2620	2620	2620	2620	Pine Tree
48	4196.8	264.4	31.42	1.61%	2600	2620	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
137	3079.3	117.5	22.50	3.59%	1901	2126	2308	2418	2579	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
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
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	36.90	1.79%	2409	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	26.20	3.55%	1778	2012	2227	2375	2577	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
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	32.00	2.65%	1827	2157	2417	2560	2620	2620	Stringy Bark
467	3608.0	-46.9	28.00	2.23%	2135	2453	2602	2620	2620	2620	Stringy Bark
469	3621.6	-35.9	30.00	2.39%	1981	2344	2531	2620	2620	2620	Stringy Bark
470	2713.7	-82.4	7.63	1.73%	2603	2620	2620	2620	2620	2620	Eastern Lighting Equipment Road (ELER)
471	3628.6	-40.6	30.00	2.38%	1989	2353	2538	2620	2620	2620	Stringy Bark
493	3620.8	-121.5	41.30	3.53%	1260	1637	1910	2150	2551	2620	Gum Tree Group
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	34.80	2.31%	1922	2336	2559	2620	2620	2620	Gum Tree
595	4029.3	-89.8	29.60	1.67%	2554	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	27.20	3.33%	1782	2028	2256	2404	2607	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

Sydney Airport (YSSY)
2023 STODAS
Runway 07
Obstacle Database: Obst 240304

ID	Ch	OS	RL	GRADE	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
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	30.71	4.04%	1539	1806	2010	2197	2484	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)
842	3250.1	72.0	32.53	4.21%	1442	1729	1938	2124	2448	2620	Gum Tree
844	3542.5	-104.4	26.52	2.22%	2181	2465	2603	2620	2620	2620	Gum Tree
846	3568.5	-111.6	31.00	2.63%	1859	2189	2434	2569	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)
854	3594.1	-106.1	40.50	3.54%	1285	1653	1919	2157	2549	2620	Gum Tree
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 Sall
875	3119.3	-70.2	16.45	2.09%	2469	2570	2620	2620	2620	2620	Green Conc Sall
884	3105.8	70.8	20.30	2.94%	2102	2337	2458	2534	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
1258	2626.8	0.1	7.49	21.49%	2534	2549	2559	2568	2581	2595	RWY07 Localiser Monitoring point
1263	3627.8	-21.8	32.00	2.58%	1855	2199	2448	2586	2620	2620	Tree
1264	3509.7	-131.4	24.73	2.10%	2311	2523	2620	2620	2620	2620	Tree
1270	3787.7	58.4	35.00	2.48%	1827	2202	2472	2620	2620	2620	Tree
1271	3784.0	62.4	34.00	2.40%	1887	2275	2511	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
2312	7982.1	-215.5	93.43	1.63%	2517	2620	2620	2620	2620	2620	Mobile Phone Tower
2322	3787.9	-48.1	36.00	2.57%	1765	2123	2424	2586	2620	2620	Tree
2324	4622.6	-59.6	42.00	1.80%	2359	2620	2620	2620	2620	2620	Norfolk Pine Tree
2890	3205.6	102.7	30.30	4.15%	1538	1802	2001	2184	2471	2620	Tree
2892	4342.8	-124.2	38.70	1.90%	2246	2620	2620	2620	2620	2620	Pine Tree
2894	4422.5	-84.3	39.80	1.87%	2264	2620	2620	2620	2620	2620	Pine Tree
2895	4400.8	-141.5	35.23	1.64%	2574	2620	2620	2620	2620	2620	Tree
2941	3297.4	77.3	30.67	3.64%	1607	1875	2094	2287	2550	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	27.70	3.21%	1791	2046	2281	2429	2620	2620	Norfolk Pine Tree
3115	3409.0	-20.5	28.90	2.90%	1830	2116	2358	2494	2620	2620	Tree
3185	3138.1	-45.9	24.00	3.47%	1866	2096	2296	2417	2591	2620	Tree
3315	2697.9	-88.6	7.31	1.67%	2605	2620	2620	2620	2620	2620	Road surface (plus 3.6m)
3326	2961.3	122.9	20.79	4.33%	1890	2085	2253	2362	2513	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	22.00	3.17%	1984	2234	2392	2486	2620	2620	Tree
3340	3127.5	-90.7	21.40	3.03%	2035	2285	2428	2512	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	26.50	2.87%	1906	2193	2399	2514	2620	2620	Tree
3350	3730.3	13.4	29.50	2.12%	2183	2495	2620	2620	2620	2620	Tree
3351	3729.1	48.3	31.00	2.25%	2037	2411	2590	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	2789.5	-35.6	11.99	3.53%	2412	2477	2517	2550	2603	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	27.40	2.25%	2134	2446	2594	2620	2620	2620	Norfolk Pine Tree
4482	3568.0	-75.2	28.40	2.36%	2039	2382	2550	2620	2620	2620	Tree
4483	3650.5	54.6	29.40	2.27%	2066	2417	2585	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
4622	2778.0	85.1	9.05	1.92%	2586	2608	2620	2620	2620	2620	Light Pole
4623	2758.9	90.6	8.51	1.80%	2596	2620	2620	2620	2620	2620	Light Pole
4624	2774.9	95.7	9.06	1.97%	2583	2605	2620	2620	2620	2620	Light Pole
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									

Sydney Airport (YSSY)
2023 STODAs
Runway 07
Obstacle Database: Obst 240304

ID	Ch	OS	RL	GRADE	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
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	2842.3	-87.7	10.99	2.24%	2531	2580	2607	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	2875.7	27.3	13.40	2.89%	2410	2488	2540	2580	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	2837.9	13.2	11.70	2.61%	2484	2538	2579	2604	2620	2620	Tree
4753	2961.5	-50.0	15.21	2.69%	2376	2479	2543	2591	2620	2620	Light Pole
4755	3002.8	65.4	19.00	3.39%	2069	2288	2409	2485	2604	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
4831	8052.2	-86.4	96.58	1.67%	2383	2620	2620	2620	2620	2620	Norfolk Pine Tree
5442	3089.0	119.2	24.60	3.96%	1778	1993	2188	2332	2525	2620	Tree
5443	3119.1	116.2	25.56	3.92%	1748	1970	2169	2321	2526	2620	Tree
5448	2846.0	-118.3	11.01	2.21%	2533	2582	2609	2620	2620	2620	Traffic lights
5452	2983.2	3.0	17.77	3.24%	2160	2351	2451	2513	2620	2620	Tree
5453	2979.9	10.9	19.00	3.61%	2038	2253	2383	2462	2585	2620	Tree
5454	2979.9	-43.2	16.10	2.80%	2326	2451	2520	2576	2620	2620	Tree
5455	2981.6	18.7	17.06	3.05%	2232	2394	2481	2540	2620	2620	Tree
5456	2990.9	30.2	18.00	3.23%	2148	2345	2448	2511	2620	2620	Tree
5457	3009.0	54.2	19.40	3.44%	2043	2266	2395	2475	2600	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
5896	2849.4	-79.4	10.46	1.94%	2572	2606	2620	2620	2620	2620	Traffic lights
5897	2907.4	-51.0	15.50	3.30%	2270	2404	2478	2527	2612	2620	Tree
5898	2908.7	16.9	15.39	3.25%	2284	2412	2484	2533	2620	2620	Tree
5899	2925.9	34.6	13.93	2.59%	2432	2509	2566	2603	2620	2620	Tree
5904	3141.8	-116.8	21.00	2.87%	2090	2336	2462	2542	2620	2620	Tree
5905	3255.7	11.5	20.70	2.31%	2308	2484	2586	2620	2620	2620	Gum Tree
5906	3492.4	63.8	34.80	3.30%	1544	1852	2104	2326	2620	2620	Gum Tree
5907	3611.9	18.3	27.60	2.18%	2184	2477	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	12.80	3.23%	2400	2475	2520	2558	2620	2620	Shrub
5957	2874.8	62.9	13.00	2.74%	2441	2507	2557	2592	2620	2620	Shrub
5959	2904.4	117.2	13.60	2.67%	2431	2505	2559	2597	2620	2620	Shrub
5960	2949.7	-22.8	15.03	2.73%	2376	2477	2540	2587	2620	2620	Shrub
5962	2990.1	-119.6	14.07	2.18%	2488	2566	2620	2620	2620	2620	Building
5984	2880.3	29.9	15.72	3.73%	2202	2357	2441	2493	2585	2620	Tree
6071	2760.4	74.6	8.81	1.99%	2583	2604	2620	2620	2620	2620	Sign
6072	2819.2	4.7	9.99	2.00%	2571	2602	2620	2620	2620	2620	Sign
6073	2815.1	28.8	12.20	3.17%	2429	2491	2534	2568	2620	2620	Tree
6074	2823.3	57.2	11.42	2.66%	2487	2538	2577	2601	2620	2620	Tree
6077	2882.2	37.0	13.76	2.95%	2390	2476	2530	2572	2620	2620	Tree
6078	2883.0	43.9	12.57	2.49%	2475	2537	2583	2620	2620	2620	Tree
6080	2917.2	-3.4	12.70	2.25%	2500	2565	2605	2620	2620	2620	Tree
6233	6322.3	-349.6	88.20	2.22%	1040	1872	2585	2620	2620	2620	Tower crane
6328	8541.8	237.4	114.20	1.83%	1630	2620	2620	2620	2620	2620	Crane
6329	2801.9	81.6	10.62	2.53%	2513	2559	2589	2609	2620	2620	TREE
6330	2801.8	76.2	10.64	2.54%	2512	2558	2589	2608	2620	2620	TREE
6331	2820.9	13.2	11.36	2.66%	2489	2539	2578	2602	2620	2620	TREE
6340	2822.4	6.9	10.89	2.41%	2516	2565	2596	2620	2620	2620	TREE
6341	2939.3	-85.8	13.70	2.41%	2461	2534	2587	2620	2620	2620	TREE
6345	3872.5	145.0	33.91	2.23%	1989	2399	2599	2620	2620	2620	Norfolk Pine Tree
6346	3847.3	137.5	32.42	2.15%	2077	2459	2620	2620	2620	2620	Norfolk Pine 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
9430	3094.4	113.8	23.70	3.73%	1840	2058	2253	2381	2558	2620	Tree
9431	3188.6	101.7	30.00	4.22%	1540	1800	1997	2177	2463	2620	Tree
9433	2992.3	-40.1	12.60	1.77%	2580	2620	2620	2620	2620	2620	Building
9498	4460.5	84.2	37.50	1.71%	2494	2620	2620	2620	2620	2620	Norfolk Pine
9499	3766.1	-100.1	29.90	2.08%	2202	2509	2620	2620	2620	2620	Gum
9500	3775.3	15.9	30.03	2.08%	2204	2511	2620	2620	2620	2620	TREE
9502	8122.8	-96.0	99.17	1.69%	2247	2620	2620	2620	2620	2620	Gum 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	TREE
9510	3286.2	66.8	29.85	3.58%	1647	1907	2130	2316	2564	2620	TREE
9511	3355.0	-112.0	28.30	3.03%	1813	2083	2325	2465	2620	2620	TREE
9512	3432.4	-176.1	30.30	2.99%	1765	2046	2307	2462	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	26.00	2.53%	2026	2341	2500	2603	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	3.4							

Sydney Airport (YSSY)
2023 STODAs
Runway 07
Obstacle Database: Obst 240304

ID	Ch	OS	RL	GRADE	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
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	25.00	2.78%	1973	2263	2441	2542	2620	2620	TREE
9571	3009.6	128.0	18.74	3.27%	2104	2317	2432	2501	2620	2620	TREE
9576	4140.7	-223.2	33.83	1.83%	2395	2620	2620	2620	2620	2620	Norfolk Pine
9585	4152.0	-87.5	32.10	1.70%	2520	2620	2620	2620	2620	2620	Gum
9586	3917.1	-30.8	33.00	2.08%	2130	2498	2620	2620	2620	2620	TREE
9587	3885.4	104.5	38.50	2.57%	1706	2074	2405	2584	2620	2620	Gum
9588	3873.7	171.0	33.10	2.16%	2055	2450	2620	2620	2620	2620	TREE
9589	3915.3	182.6	34.03	2.16%	2033	2443	2620	2620	2620	2620	TREE

Obstacle is exempt from STODA publications

ID	Ch	OS	RL	GRADE	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
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%	2080	2590	2590	2590	2590	2590	Antenna
324	5020.6	271.7	57.50	2.12%	1648	2189	2590	2590	2590	2590	Tree
328	5953.4	354.6	65.88	2.78%	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	76.50	1.80%	1961	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	30.00	1.91%	2211	2530	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	90.00	1.66%	2284	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
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)
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
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)
1789	2680.5	45.0	7.73	2.00%	2493	2537	2590	2590	2590	2590	Railing
1814	4378.0	-116.3	40.00	1.91%	2108	2532	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	76.00	1.77%	2025	2590	2590	2590	2590	2590	TREE
1968	5464.2	416.6	56.00	1.74%	2197	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
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
2052	5610.5	373.4	55.10	1.63%	2449	2590	2590	2590	2590	2590	Apex of house
2053	5800.5	466.7	77.00	2.21%	1211	1938	2522	2590	2590	2590	Norfolk Pine Tree
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
2101	6337.1	286.9	77.00	1.90%	1746	2590	2590	2590	2590	2590	Church Spire
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	6312.3	-44.9	59.00	1.95%	1850	2443	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
2179	6261.2	139.7	85.50	2.17%	1141	1952	2590	2590	2590	2590	Norfolk Pine Tree
2183	5769.0	-283.9	57.50	1.62%	2461	2590	2590	2590	2590	2590	Palm Tree
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
2293	9126.1	-456.4	122.82	1.79%	1671	2590	2590	2590	2590	2590	Antenna atop tile roofed flats
2299	8732.8	-743.1	108.50	1.67%	2183	2590	2590	2590	2590	2590	Radio Mast atop building
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	67.00	1.92%	1800	2485	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

Sydney Airport (YSSY)
2023 STODAS
Runway 25
Obstacle Database: Obst 240304

ID	Ch	OS	RL	GRADE	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
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
2373	2723.4	73.1	8.77	2.14%	2461	2517	2590	2590	2590	2590	Airside Fence (lit)
2411	7614.5	-652.7	86.32	1.60%	2524	2590	2590	2590	2590	2590	Gum Tree
2413	7608.9	-665.9	91.00	1.70%	2152	2590	2590	2590	2590	2590	Gum Tree
2464	2593.9	-44.9	7.02	27.77%	2432	2466	2489	2505	2529	2562	Unserviceable red and white cone
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	33.00	1.66%	2441	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	43.30	2.01%	1973	2398	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	15.40	2.46%	2255	2387	2490	2590	2590	2590	Tree
2496	3306.3	127.3	20.62	2.05%	2260	2462	2590	2590	2590	2590	Tree
2498	3478.7	195.8	24.70	2.11%	2166	2406	2590	2590	2590	2590	Tree
2500	4126.4	-210.0	33.00	1.76%	2315	2590	2590	2590	2590	2590	Tree
2502	4245.1	-151.0	33.20	1.65%	2453	2590	2590	2590	2590	2590	Tree
2506	4698.2	-225.6	46.00	1.90%	2052	2575	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
2841	2648.5	71.3	7.53	2.75%	2465	2504	2529	2571	2590	2590	Aerial atop Localiser Power Shed
2868	5591.0	411.4	62.20	1.88%	1930	2590	2590	2590	2590	2590	Gum Tree
2869	5558.5	441.0	66.50	2.04%	1625	2263	2590	2590	2590	2590	Norfolk Island Pine
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	65.00	1.86%	1934	2590	2590	2590	2590	2590	Gum Tree
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
3040	2593.1	-44.7	6.57	20.70%	2472	2498	2514	2526	2555	2575	Concrete pavement (RESA)
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	73.00	1.72%	2148	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
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	70.00	1.94%	1746	2454	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	72.10	1.83%	1934	2590	2590	2590	2590	2590	Tree
3355	6095.4	63.3	68.00	1.77%	2075	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
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
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
4392	2937.6	-68.6	16.41	3.02%	2143	2281	2383	2465	2590	2590	Tree
4394	2951.4	68.4	14.20	2.29%	2315	2439	2528	2590	2590	2590	Tree
4398	2958.7	29.8	15.60	2.63%	2220	2354	2456	2531	2590	2590	Tree
4402	3069.7	76.6	17.00	2.31%	2247	2400	2517	2590	2590	2590	Tree
4404	3188.8	49.4	18.60	2.12%	2270	2447	2590	2590	2590	2590	Tree
4406	3180.9	63.4	16.50	1.79%	2424	2590	2590	2590	2590	2590	Tree
4497	4568.2	-307.1	43.30	1.89%	2092	2590	2590	2590	2590	2590	Pine Tree
4802	3240.5	39.0	20.70	2.27%	2178	2369	2521	2590	2590	2590	Tree
4804	3294.2	58.8	21.00	2.14%	2217	2419	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	65.00	1.72%	2191	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	67.00	1.70%	2235	2590	2590	2590	2590	2590	Tree
4827	9189.8	-444.1	126.70	1.83%	1502	2590	2590	2590	2590	2590	Building
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	57.50	1.71%	2245	2590	2590	2590	2590	2590	Tree
4975	6076.1	-40.6	65.50	1.71%	2218	2590	2590	2590	2590	2590	Tree
4976	6006.4	7.3	63.91	1.70%	2253	2590	2590	2590	2590	2590	Tree
4977	5501.4	116.6	53.30	1.63%	2454	2590	2590	2590	2590	2590	Building
5224	6008.2	263.7	60.77	1.60%	2511	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	15.60	2.65%	2215	2349	2451	2526	2590	2590	Tree
5438	2963.3	20.9	16.30	2.78%	2176	2317	2422	2503	2590	2590	Tree
5486	2885.1	108.2	11.60	1.92%	2439	2546	2590	2590	2590	2590	TREE
5487	3008.0	-27.0	15.50	2.29%	2285	2423	2525	2590	2590	2590	TREE
5488	2948.1	-14.4	14.25	2.33%	2307	2431	2521	2590	2590	2590	Tree
5489	2949.1	76.0	14.00	2.25%	2327	2450	2552	2590	2590	2590	Tree
5490	3426.0	131.5	22.60	1.99%	2255	2483	2590	2590	25		

Sydney Airport (YSSY)
2023 STODAs
Runway 25
Obstacle Database: Obst 240304

ID	Ch	OS	RL	GRADE	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
5721	6088.5	99.0	64.30	1.67%	2322	2590	2590	2590	2590	2590	Sewer Vent
5729	6228.4	5.4	73.00	1.84%	1892	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
5863	3066.0	35.6	15.50	2.01%	2354	2502	2590	2590	2590	2590	Tree
5909	2664.6	48.6	7.26	1.80%	2512	2590	2590	2590	2590	2590	Shrub
5913	3783.1	202.5	26.80	1.67%	2454	2590	2590	2590	2590	2590	Tree
5948	2891.6	-36.7	12.91	2.32%	2340	2450	2527	2590	2590	2590	Shrub
5949	2955.0	33.9	13.50	2.08%	2371	2494	2590	2590	2590	2590	Shrub
6104	2981.7	108.1	16.00	2.57%	2217	2356	2463	2552	2590	2590	Tree
6126	2988.5	69.6	15.60	2.43%	2255	2390	2495	2590	2590	2590	Tree
6132	4499.6	62.9	43.00	1.94%	2041	2483	2590	2590	2590	2590	Tree
6133	4508.1	80.0	42.35	1.90%	2091	2590	2590	2590	2590	2590	Tree
6134	4773.8	64.9	48.00	1.93%	2002	2498	2590	2590	2590	2590	Building
6261	5944.6	296.4	71.00	1.94%	1728	2444	2590	2590	2590	2590	Building
6262	6118.5	337.9	68.15	1.76%	2089	2590	2590	2590	2590	2590	Building
6279	2631.0	-94.4	7.41	3.64%	2450	2489	2513	2531	2581	2590	Shrub
6280	2683.6	48.9	8.62	2.88%	2418	2474	2511	2543	2590	2590	Shrub
6281	2683.6	64.9	7.70	1.90%	2501	2586	2590	2590	2590	2590	Shrub
6282	2707.8	44.0	8.73	2.38%	2442	2500	2544	2590	2590	2590	Shrub
6283	2887.7	-67.3	11.90	2.01%	2417	2516	2590	2590	2590	2590	Tree
6284	2899.0	-2.1	12.09	2.00%	2416	2518	2590	2590	2590	2590	Tree
6285	2893.8	103.5	12.04	2.01%	2413	2514	2590	2590	2590	2590	Tree
6373	2911.2	-97.2	12.20	1.95%	2423	2526	2590	2590	2590	2590	Tree
6374	2887.9	-50.5	12.20	2.11%	2390	2496	2590	2590	2590	2590	Tree
6375	2969.3	-98.7	13.16	1.91%	2421	2572	2590	2590	2590	2590	Tree
6376	2997.4	-96.0	14.23	2.04%	2367	2500	2590	2590	2590	2590	Tree
6377	2974.1	42.4	14.90	2.34%	2289	2420	2517	2590	2590	2590	White dome structure
6378	2988.6	27.0	15.40	2.38%	2270	2405	2507	2590	2590	2590	Tree
6379	2962.8	51.4	14.40	2.27%	2313	2440	2533	2590	2590	2590	Tree
6380	3091.1	99.0	16.54	2.12%	2307	2461	2590	2590	2590	2590	Tree
6381	3345.3	-125.4	20.07	1.87%	2347	2590	2590	2590	2590	2590	Floodlight
6382	3365.4	-156.9	19.79	1.79%	2394	2590	2590	2590	2590	2590	Floodlight
6383	3457.7	-159.9	19.85	1.61%	2521	2590	2590	2590	2590	2590	Floodlight
6384	3413.4	-81.8	20.50	1.77%	2400	2590	2590	2590	2590	2590	Floodlight
6385	3464.4	-48.8	20.79	1.70%	2446	2590	2590	2590	2590	2590	Floodlight
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
8818	2590.9	-31.3	6.80	92.59%	2448	2479	2499	2512	2536	2564	Gable Marker
9529	4918.8	-297.5	49.02	1.85%	2085	2590	2590	2590	2590	2590	Satellite dish atop building
9540	4449.1	124.6	43.00	1.99%	1989	2415	2590	2590	2590	2590	Fig Tree
9541	4461.2	113.7	44.51	2.06%	1905	2332	2590	2590	2590	2590	Tree
9543	4458.6	-34.7	43.20	1.99%	1986	2414	2590	2590	2590	2590	Pine Tree
9594	4441.8	-211.9	42.30	1.96%	2027	2454	2590	2590	2590	2590	Tree

Obstacle is exempt from STODA publications

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)
1267	2.35%	1267	3955	1267	4001	1267	4036	-	4053	-	4053

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	-	4053	-	4053	-	4053
2426	3966	2426	4008	2426	4040	-	4053	-	4053	-	4053
1513	3968	1513	4012	1513	4044	-	4053	-	4053	-	4053
1531	3983	1531	4025	-	4053	-	4053	-	4053	-	4053
1535	3986	1535	4028	-	4053	-	4053	-	4053	-	4053
1533	3992	1533	4032	-	4053	-	4053	-	4053	-	4053
2812	3999	2812	4041	-	4053	-	4053	-	4053	-	4053
2216	4019	-	4053	-	4053	-	4053	-	4053	-	4053
1539	4022	-	4053	-	4053	-	4053	-	4053	-	4053
2218	4034	-	4053	-	4053	-	4053	-	4053	-	4053

Worst GRADES							
ID	GRADE	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%
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
1539	1.83%	4022	4053	4053	4053	4053	4053
2216	1.82%	4019	4053	4053	4053	4053	4053
2218	1.71%	4034	4053	4053	4053	4053	4053

ID	Ch	OS	RL	GRADE	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
2730	4052.6	77.9	4.40	167.28%	4041	4042	4044	4044	4046	4049	ILS Protected Area Bollard
2738	4053.1	-46.3	4.50	35.32%	4036	4039	4040	4042	4044	4047	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
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
2762	4139.6	12.0	5.76	1.71%	4043	4053	4053	4053	4053	4053	34L HIAL
2764	4139.6	0.1	5.78	1.73%	4042	4053	4053	4053	4053	4053	34L HIAL
2766	4139.6	-12.0	5.76	1.71%	4043	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)

Obstacle is exempt from STODA publications

Sydney Airport (YSSY)
2023 STODAS
Runway 34L
Obstacle Database: Obst 240304

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 3405	1226 3667	1226 3847	2968 3974	2968 3993						

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 3405	1226 3667	1226 3847	2968 3974	2968 3993	2968 4015							
3032 3418	3430 3705	3430 3893	2966 3975	2966 3994	2966 4016							
3430 3439	3032 3706	3032 3909	2967 3975	2967 3994	2967 4016							
3433 3493	3431 3752	6314 3921	6314 3981	2971 4008	2971 4035							
3431 3496	3433 3755	6317 3921	6317 3984	2970 4008	2970 4035							
3081 3523	3077 3774	3077 3932	2971 3984	2969 4009	2969 4035							
3033 3532	3033 3786	3431 3939	2970 3984	2977 4037	- 4053							
3436 3554	3081 3799	6315 3942	2969 3984	2976 4037	- 4053							
3443 3562	3436 3802	6276 3945	1226 3993	2975 4037	- 4053							
3077 3569	4785 3833	6095 3945	6315 3996	2980 4049	- 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	3.31%	3916	3958	3987	4009	4049	4053

ID	Ch	OS	RL	GRADE	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
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	29.00	2.01%	3717	3972	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
1226	5067.3	-142.9	29.00	2.64%	3405	3667	3847	3993	4053	4053	TREE
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
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
1798	7518.9	480.0	65.00	1.81%	3608	4053	4053	4053	4053	4053	Tree - Norfolk
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
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	HIAL
2967	4057.2	12.1	4.21	42.82%	3930	3950	3965	3975	3994	4016	HIAL
2968	4057.2	0.0	4.24	44.02%	3928	3948	3964	3974	3993	4015	HIAL
2969	4087.1	-12.0	4.72	7.34%	3928	3953	3971	3984	4009	4035	HIAL
2970	4087.2	0.0	4.73	7.35%	3927	3953	3971	3984	4008	4035	HIAL
2971	4087.2	12.1	4.74	7.38%	3927	3952	3971	3984	4008	4035	HIAL
2975	4147.2	0.0	5.72	3.74%	3926	3961	3985	4003	4037	4053	HIAL

Sydney Airport (YSSY)
2023 STODAS
Runway 34L
Obstacle Database: Obst 240304

ID	Ch	OS	RL	GRADE	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
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
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
2980	4179.3	0.0	6.38	3.31%	3916	3958	3987	4009	4049	4053	HAL
2981	4211.9	0.0	7.00	3.02%	3910	3958	3991	4017	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
3032	5258.0	-112.0	31.85	2.46%	3418	3706	3909	4053	4053	4053	Tree
3033	5224.5	10.7	29.50	2.33%	3532	3786	3982	4053	4053	4053	Palm Tree
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
3077	4942.2	-108.0	24.40	2.50%	3569	3774	3932	4053	4053	4053	Palm Tree
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	5357.6	-49.6	31.77	2.27%	3523	3799	4010	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	68.00	1.65%	3925	4053	4053	4053	4053	4053	Tree
3402	4305.7	103.3	7.25	2.00%	3987	4035	4053	4053	4053	4053	Lightpole
3420	4798.2	-107.7	17.65	2.07%	3829	3983	4053	4053	4053	4053	Vent
3423	4977.6	-146.2	22.69	2.22%	3707	3897	4041	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	26.30	2.24%	3636	3857	4028	4053	4053	4053	Tree
3430	5142.2	-42.5	29.66	2.52%	3439	3705	3893	4040	4053	4053	Tree
3431	5161.6	-81.7	29.05	2.42%	3496	3752	3939	4053	4053	4053	Tree
3432	5177.4	-82.3	26.47	2.16%	3670	3898	4053	4053	4053	4053	Tree
3433	5204.6	-91.3	29.80	2.40%	3493	3755	3949	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
3436	5212.9	-89.2	28.96	2.31%	3554	3802	3993	4053	4053	4053	Tree
3439	7821.5	-257.6	63.00	1.61%	4017	4053	4053	4053	4053	4053	Tree
3443	7752.8	-528.5	69.47	1.82%	3562	4053	4053	4053	4053	4053	Gum Tree Group
3445	8004.5	-549.5	66.66	1.63%	3974	4053	4053	4053	4053	4053	Round Dark Chimney on Building
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
3487	5008.4	-117.0	22.21	2.10%	3760	3954	4053	4053	4053	4053	Light 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
3541	4210.3	-74.4	7.04	3.08%	3906	3954	3988	4014	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
3577	5289.4	92.8	29.69	2.22%	3586	3840	4036	4053	4053	4053	Sewer Vent
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
3665	7368.1	418.0	62.00	1.80%	3645	4053	4053	4053	4053	4053	Gum Tree
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)
3705	4685.9	145.2	12.78	1.67%	4020	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
3764	7807.0	176.3	63.00	1.62%	4002	4053	4053	4053	4053	4053	Tree
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	7548.4	455.7	62.37	1.72%	3786	4053	4053	4053	4053	4053	Tree
3769	4170.6	26.2	4.59	2.04%	4017	4039	4053	4053	4053	4053	Obstruction Light (Lit 2/2)
3775	5143.5	-25.8	23.33	1.94%	3820	4027	4053	4053	4053	4053	Sewer Vent
3778	7211.6	482.7	56.50	1.72%	3815	4053	4053	4053	4053	4053	Tree
3779	5228.9	-39.3	21.35	1.63%	4027	4053	4053	4053	4053	4053	Elec Pole
3783	5215.7	-5.4	25.89	2.04%	3741	3968	4053	4053	4053	4053	Chimney
3785	5210.2	-2.4	25.94	2.05%	3734	3960	4053	4053	4053	4053	Mast/Pylon
3789	5322.8	105.0	27.73	2.01%	3734	3977	4053	4053	4053	4053	Column with Vent Cover
3831	8010.9	-549.1	71.21	1.74%	3708	4053	4053	4053	4053	4053	Antenna on Building (White)
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	5057.7	-4.8	20.55	1.83%	3909	4053	4053	4053	4053	4053	Mobile phone aerial
3889	5060.4	-6.3	20.57	1.82%	3910	4053	4053	4053	4053	4053	Mobile phone aerial
3891	5075.1										

Sydney Airport (YSSY)
2023 STODAs
Runway 34L
Obstacle Database: Obst 240304

ID	Ch	OS	RL	GRADE	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
3989	4980.1	-167.2	21.94	2.13%	3751	3940	4053	4053	4053	4053	Light Pole
3991	5150.5	131.0	26.90	2.25%	3621	3848	4024	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	20.00	2.13%	3776	3951	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	28.00	2.25%	3602	3841	4025	4053	4053	4053	Tree
4731	4826.5	136.5	16.10	1.80%	3956	4053	4053	4053	4053	4053	Shipping container
4785	4799.4	-127.4	20.50	2.45%	3667	3833	3966	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	4783.3	-72.0	17.93	2.15%	3798	3954	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
5425	4390.1	-65.8	9.71	2.23%	3919	3991	4043	4053	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
5477	4608.4	-53.8	15.31	2.36%	3788	3917	4009	4053	4053	4053	Shrub
5478	5256.9	110.7	27.00	2.06%	3716	3950	4053	4053	4053	4053	Palm Tree
5479	5209.3	-11.5	28.16	2.25%	3601	3841	4026	4053	4053	4053	Tree
5480	5388.0	-36.6	30.50	2.12%	3634	3897	4053	4053	4053	4053	Tree
5481	5486.3	-9.5	31.10	2.02%	3691	3964	4053	4053	4053	4053	Tree
5801	4787.0	-59.8	17.80	2.13%	3809	3965	4053	4053	4053	4053	Tree
5802	4791.3	-53.3	17.50	2.07%	3832	3984	4053	4053	4053	4053	Tree
5807	4586.8	-60.0	14.91	2.38%	3790	3916	4005	4053	4053	4053	Shrub
5809	4424.4	-50.6	12.16	2.68%	3799	3898	3970	4023	4053	4053	Shrub
5850	4544.5	-64.6	15.00	2.61%	3749	3869	3962	4029	4053	4053	Palm Tree
5851	4588.6	-69.7	15.69	2.52%	3750	3876	3974	4044	4053	4053	Shrub
5883	4807.3	-102.4	20.00	2.36%	3705	3868	3995	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
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	28.60	2.04%	3705	3954	4053	4053	4053	4053	Tree
6094	4602.7	-158.3	14.49	2.24%	3831	3954	4039	4053	4053	4053	Road surface + 2.0m
6095	4584.1	-142.1	16.22	2.64%	3716	3844	3945	4020	4053	4053	Tree
6097	4636.1	-125.2	16.20	2.40%	3763	3897	3996	4053	4053	4053	Tree
6099	4631.6	-131.5	15.74	2.34%	3784	3918	4013	4053	4053	4053	Tree
6102	4812.8	-94.2	17.85	2.06%	3831	3986	4053	4053	4053	4053	Tree
6242	5201.0	-56.8	26.10	2.08%	3716	3941	4053	4053	4053	4053	Tree
6244	5326.1	-54.5	28.50	2.07%	3693	3940	4053	4053	4053	4053	Tree
6246	5342.9	-51.1	29.50	2.12%	3651	3904	4053	4053	4053	4053	Tree
6247	5249.5	-123.6	26.70	2.05%	3726	3959	4053	4053	4053	4053	Tree
6248	5268.2	-93.6	26.70	2.02%	3742	3977	4053	4053	4053	4053	Tree
6249	5355.4	3.1	28.20	2.00%	3737	3984	4053	4053	4053	4053	Tree
6250	5337.9	-61.1	28.10	2.02%	3727	3973	4053	4053	4053	4053	Tree
6251	5350.0	-59.1	28.60	2.04%	3709	3959	4053	4053	4053	4053	Tree
6252	5377.8	-50.2	28.75	2.00%	3726	3978	4053	4053	4053	4053	Tree
6253	5366.6	-43.9	28.70	2.02%	3719	3970	4053	4053	4053	4053	Tree
6272	4384.4	-98.0	11.73	2.88%	3787	3881	3960	4000	4053	4053	Tree
6276	4577.1	-155.0	16.07	2.65%	3719	3845	3945	4020	4053	4053	Tree
6300	4647.1	-151.1	13.92	1.97%	3913	4027	4053	4053	4053	4053	Light pole
6301	4671.4	-105.0	14.43	1.98%	3905	4024	4053	4053	4053	4053	Light pole
6309	7735.0	-187.1	64.64	1.70%	3829	4053	4053	4053	4053	4053	Tree
6310	4966.6	49.6	20.46	2.00%	3823	4002	4053	4053	4053	4053	Shipping container
6311	4933.9	121.9	20.13	2.04%	3810	3987	4053	4053	4053	4053	Shipping container
6312	4929.2	140.9	20.10	2.04%	3808	3985	4053	4053	4053	4053	Shipping container
6313	4986.8	-103.3	22.00	2.12%	3753	3943	4053	4053	4053	4053	Tree
6314	4422.4	-60.0	13.20	2.98%	3740	3841	3921	3981	4053	4053	Shrub
6315	4403.1	-131.4	12.30	2.89%	3773	3869	3942	3996	4053	4053	Shrub
6316	4358.2	-111.9	10.00	2.56%	3868	3946	4000	4042	4053	4053	Shrub
6317	4448.1	-133.9	13.76	2.93%	3733	3837	3921	3984	4053	4053	Tree
6318	4499.6	-111.6	14.30	2.71%	3748	3860	3948	4013	4053	4053	Shrub
6319	4490.4	-77.3	13.20	2.52%	3800	3910	3988	4046	4053	4053	Shrub
6320	4514.4	-68.6	14.00	2.56%	3777	3892	3976	4038	4053	4053	Shrub
6352	4832.4	-114.9	18.78	2.13%	3794	3959	4053	4053	4053	4053	Vent atop roof (Salvos)
6353	4850.7	-125.9	18.89	2.09%	3805	3971	4053	4053	4053	4053	Vent atop roof (Salvos)
6354	4863.0	-163.1	19.38	2.12%	3788	3958	4053	4053	4053	4053	Tree
6355	5047.6	-131.4	23.54	2.15%	3722	3923	4053	4053	4053	4053	Tree
6356	5062.9	27.4	25.22	2.28%	3639	3849	4014	4053	4053	4053	Scaffold atop building
6357	4859.8	-143.9	19.44	2.14%	3781	3951	4053	4053	4053	4053	Vent atop roof (Salvos)
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)
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)
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

Obstacle is exempt from STODA publications

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)	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)
2204	2450	2204	2482	1001	2499	1001	2509	-	2528
1001	2470	1001	2486	2204	2507	-	2528	-	2528
4378	2488	4372	2519	-	2528	-	2528	-	2528
4372	2490	-	2528	-	2528	-	2528	-	2528
4376	2493	-	2528	-	2528	-	2528	-	2528
4370	2504	-	2528	-	2528	-	2528	-	2528
4374	2505	-	2528	-	2528	-	2528	-	2528
4364	2506	-	2528	-	2528	-	2528	-	2528
4366	2506	-	2528	-	2528	-	2528	-	2528
4368	2506	-	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	GRADE	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
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
2706	2528.8	-45.6	4.33	44.09%	2500	2504	2507	2510	2514	2519	ILS Protected Area Bollard
2714	2551.3	44.9	4.48	2.04%	2512	2518	2528	2528	2528	2528	ILS Protected Area Bollard
2716	2528.2	44.7	4.38	208.48%	2497	2501	2504	2507	2512	2517	ILS Protected Area Bollard
2718	2528.8	74.7	4.22	28.75%	2506	2510	2512	2514	2518	2520	ILS Protected Area Bollard
4340	2544.5	-12.0	4.40	2.43%	2510	2515	2519	2528	2528	2528	34R HIAL
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
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
4360	2631.0	0.0	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
4738	2746.5	0.1	7.55	1.63%	2515	2528	2528	2528	2528	2528	34R HIAL

Obstacle is exempt from STODA publications

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	GRADE	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
1974	2679.5	69.1	6.60	1.66%	2512	2528	2528	2528	2528	2528	Western Obstacle light atop RWY 16L Localiser (lit)
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
2706	2540.1	-43.8	4.33	2.64%	2510	2515	2518	2521	2528	2528	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
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
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
4360	2624.2	26.7	5.83	1.84%	2504	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
4738	2732.4	56.6	7.55	1.68%	2508	2528	2528	2528	2528	2528	34R HIAL

Obstacle is exempt from STODA publications

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	2610	2269	2610	2364	6289	2469

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	2610	2269	2610	2364	6289	2469	-	2498
4781	1558	4781	2045	418	2271	2634	2381	4026	2479	-	2498
2818	1578	2818	2052	2634	2286	418	2383	6112	2485	-	2498
1189	1699	418	2135	9539	2301	4509	2386	-	2498	-	2498
6292	1904	1189	2142	4349	2306	4349	2387	-	2498	-	2498
6604	1914	2610	2154	4509	2306	4486	2393	-	2498	-	2498
418	1941	2634	2167	4486	2313	4351	2397	-	2498	-	2498
2610	1992	9539	2179	4351	2315	9539	2398	-	2498	-	2498
2634	2005	4349	2199	4347	2318	4339	2400	-	2498	-	2498
9539	2015	3925	2200	4339	2318	4347	2400	-	2498	-	2498

Worst GRADES						
ID	GRADE	1.6%	1.9%	2.2%	3.3%	5.0%
4026	4.22%	2409	2432	2447	2459	2498
6289	3.99%	2307	2359	2395	2422	2498
6112	3.41%	2212	2296	2360	2406	2498
4030	3.26%	2406	2436	2453	2469	2498
2610	3.12%	1992	2154	2269	2364	2498
4509	3.08%	2065	2201	2306	2386	2498
4349	3.06%	2060	2199	2306	2387	2498
4486	3.06%	2077	2210	2313	2393	2498
4351	3.03%	2076	2211	2315	2397	2498
2634	3.01%	2005	2167	2286	2381	2498

ID	Ch	OS	RL	GRADE	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
418	3174.9	132.0	24.76	2.92%	1941	2135	2271	2383	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
1189	4445.2	220.6	48.76	2.25%	1699	2142	2452	2498	2498	2498	SE Corner Stamford Hotel
1239	3168.4	144.5	18.52	2.02%	2317	2452	2498	2498	2498	2498	CHIMNEY
1241	3180.8	169.5	23.47	2.71%	2030	2204	2338	2441	2498	2498	TREE
1381	2950.1	115.2	17.60	2.79%	2161	2281	2376	2444	2498	2498	Flood Light
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
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	15.79	2.43%	2261	2373	2449	2498	2498	2498	Sheoak
2420	2964.2	47.0	18.11	2.82%	2145	2268	2366	2439	2498	2498	Tallest of a grove of trees
2422	2965.1	21.8	18.52	2.90%	2121	2247	2347	2423	2498	2498	Tallest of a grove of trees
2610	3035.1	127.4	21.73	3.12%	1992	2154	2269	2364	2498	2498	Tree
2624	3060.2	-131.9	20.73	2.80%	2080	2227	2342	2429	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
2634	3059.8	108.8	21.92	3.01%	2005	2167	2286	2381	2498	2498	Tree
2638	3095.7	-135.6	15.60	1.78%	2430	2498	2498	2498	2498	2498	Flood light
2640	3134.0	-136.6	21.00	2.52%	2134	2287	2404	2486	2498	2498	Tree
2642	3161.5	-139.2	17.44	1.88%	2381	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
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
3092	2911.4	73.7	14.65	2.34%	2303	2401	2468	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	15.44	2.53%	2250	2359	2435	2485	2498	2498	Tallest of a grove of trees
3484	2912.9	68.0	15.28	2.48%	2262	2368	2443	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	17.50	2.78%	2165	2285	2378	2445	2498	2498	Tree
3506	2725.0	86.6	10.56	2.46%	2375	2429	2468	2498	2498	2498	Tree
3512	2742.6	104.9	11.47	2.65%	2334	2400	2445	2478	2498	2498	Tree
3514	2777.3	108.3	12.07	2.54%	2332	2403	2452	2486	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	22.00	2.83%	2040	2200	2323	2418	2498	2498	Tree
3927	3014.1	73.5	18.31	2.58%	2179	2309	2407	2476	2498	2498	Tree
4002	2517.1	-14.5	6.67	8.85%	2409	2426	2440	2447	2464	2480	HIAL
4012	2517.0	0.7	6.67	8.85%	2409	2426	2440	2447	2464	2480	HIAL
4022	2517.0	15.9	6.67	8.86%	2409	2426	2440	2447	2464	2480	HIAL
4026	2550.5	1.4	7.20	4.22%	2409	2432	2447	2459	2479	2498	HIAL
4030	2583.6	1.5	7.78	3.26%	2406	2436	2453	2469	2498	2498	HIAL
4032	2616.8	1.4	8.34	2.82%	2405	2440	2461	2477	2498	2498	HIAL
4036	2650.0	-0.1	8.86	2.55%	2406	2444	2470	2487	2498	2498	HIAL
4040	2683.2	-18.0	9.41	2.39%	2404	2447	2476	2498	2498	2498	HIAL
4054	2683.1	1.4	9.41	2.39%	2404	2447	2476	2498	2498	2498	HIAL
4066	2683.2	19.4	9.44	2.41%	2403	2446	2475	2498	2498	2498	HIAL
4070	2716.0	1.5	9.97	2.28%	2403	2450	2482	2498	2498	2498	HIAL
4074	2748.7	1.5	10.53	2.21%	2401	2453	2488	2498	2498	2498	HIAL
4078	2781.4	1.4	11.05	2.14%	2401	2458	2498	2498	2498	2498	HIAL
4082	2814.1	1.4	11.59	2.09%	2400	2462	2498	2498	2498	2498	HIAL
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)

ID	Ch	OS	RL	GRADE	1.6%	1.9%	2.2%	2.5%	3.3%	5.0%	Description
4214	4289.2	-307.5	40.90	2.01%	2049	2398	2498	2498	2498	2498	Obstruction Light (Lit 1/1)
4301	2912.8	90.6	16.25	2.72%	2204	2316	2400	2459	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
4339	2978.8	64.2	19.44	3.01%	2079	2214	2318	2400	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
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
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	2906.2	126.9	14.67	2.37%	2296	2396	2463	2498	2498	2498	Tree
4485	2920.0	135.6	16.83	2.81%	2178	2292	2381	2444	2498	2498	Tree
4486	2963.6	143.5	19.22	3.06%	2077	2210	2313	2393	2498	2498	Tree
4487	2959.5	82.8	17.57	2.73%	2172	2293	2386	2453	2498	2498	Tree
4492	4182.6	-13.9	38.75	2.00%	2076	2404	2498	2498	2498	2498	Multi Storey Carpark
4493	4295.5	297.3	40.02	1.95%	2108	2448	2498	2498	2498	2498	Mantra Hotel
4509	2970.6	127.8	19.54	3.08%	2065	2201	2306	2386	2498	2498	Tree
4737	2992.8	-118.9	15.07	2.04%	2361	2458	2498	2498	2498	2498	Floodlight
4781	4519.8	169.2	52.08	2.33%	1558	2045	2378	2498	2498	2498	BUILDING (Lit) Airport Central
4832	4947.1	378.9	51.00	1.88%	2075	2498	2498	2498	2498	2498	Building
5412	2807.1	102.0	12.27	2.36%	2348	2422	2472	2498	2498	2498	Tree
5461	2686.1	112.0	10.45	2.90%	2341	2398	2438	2464	2498	2498	Tree
5462	2703.6	108.7	10.20	2.54%	2377	2427	2463	2487	2498	2498	Tree
5466	3271.8	132.6	21.00	2.07%	2264	2427	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	15.74	2.51%	2247	2358	2437	2488	2498	2498	Tree
5965	2926.8	-121.8	15.36	2.42%	2272	2380	2452	2498	2498	2498	Tree
5966	2931.0	-84.7	15.38	2.40%	2275	2382	2455	2498	2498	2498	Tree
5967	2925.8	-63.5	14.82	2.30%	2307	2406	2474	2498	2498	2498	Tree
5968	2941.8	-100.3	15.90	2.48%	2252	2365	2444	2498	2498	2498	Tree
5969	2935.6	-71.4	17.44	2.85%	2157	2275	2367	2437	2498	2498	Tree
5970	3141.9	116.9	18.97	2.17%	2261	2404	2498	2498	2498	2498	Tree
6108	2691.2	102.7	10.35	2.78%	2353	2407	2445	2473	2498	2498	Tree
6109	2709.1	113.6	10.31	2.52%	2375	2427	2464	2488	2498	2498	Tree
6110	2705.0	97.6	9.68	2.27%	2408	2454	2484	2498	2498	2498	Tree
6112	2746.6	104.9	13.46	3.41%	2212	2296	2360	2406	2485	2498	Tree
6117	2937.1	-61.6	16.29	2.57%	2225	2340	2422	2479	2498	2498	Tree
6118	2935.1	-54.9	15.41	2.39%	2278	2384	2458	2498	2498	2498	Tree
6119	2942.6	-19.0	15.48	2.36%	2281	2388	2462	2498	2498	2498	Tree
6120	2938.7	-29.0	15.30	2.34%	2289	2395	2466	2498	2498	2498	Tree
6121	2941.2	-136.0	16.45	2.59%	2220	2335	2420	2478	2498	2498	Tree
6122	2943.7	-77.6	15.51	2.36%	2280	2387	2462	2498	2498	2498	Tree
6123	2946.2	-64.5	16.64	2.60%	2213	2331	2416	2475	2498	2498	Tree
6138	4225.7	16.7	38.10	1.92%	2156	2476	2498	2498	2498	2498	Mobile phone tower
6289	2623.4	105.5	9.99	3.99%	2307	2359	2395	2422	2469	2498	Tree
6290	2753.4	95.9	11.98	2.74%	2312	2383	2435	2470	2498	2498	Tree
6291	2964.8	28.0	19.00	3.00%	2092	2223	2325	2403	2498	2498	Tree
6292	4708.7	257.3	49.85	2.03%	1904	2344	2498	2498	2498	2498	Crane
6358	2670.7	104.9	9.37	2.54%	2395	2439	2468	2488	2498	2498	Tree
6359	2734.6	109.4	11.60	2.79%	2316	2385	2433	2467	2498	2498	Tree
6360	2932.6	-27.7	14.98	2.30%	2303	2405	2473	2498	2498	2498	Tree
6361	2929.9	-24.1	13.83	2.05%	2376	2460	2498	2498	2498	2498	Tree
6362	2933.1	-18.1	14.54	2.20%	2333	2428	2498	2498	2498	2498	Tree
6363	2923.0	-138.7	15.67	2.51%	2248	2359	2437	2488	2498	2498	Tree
6364	2923.4	-127.2	14.70	2.28%	2312	2410	2476	2498	2498	2498	Tree
6365	2937.5	-94.6	15.52	2.40%	2273	2382	2455	2498	2498	2498	Tree
6366	2947.1	142.5	17.35	2.75%	2173	2292	2383	2450	2498	2498	Tree
6604	4830.0	273.7	51.65	2.00%	1914	2372	2498	2498	2498	2498	Lightning Rod atop Apartments
9111	4045.9	125.8	30.66	1.68%	2440	2498	2498	2498	2498	2498	Floodlight mast
9112	4057.6	96.2	32.50	1.78%	2335	2498	2498	2498	2498	2498	Floodlight mast
9113	4080.5	57.3	31.01	1.64%	2449	2498	2498	2498	2498	2498	Floodlight mast
9114	4099.0	16.9	30.60	1.60%	2486	2498	2498	2498	2498	2498	Floodlight mast
9538	3041.5	56.7	17.14	2.24%	2276	2401	2482	2498	2498	2498	TREE
9539	3086.6	93.4	22.20	2.93%	2015	2179	2301	2398	2498	2498	TREE

Obstacle is exempt from STODA publications