

SYDNEY (KINGSFORD-SMITH) AIRPORT, AUSTRALIA
AERONAUTICAL INFORMATION PUBLICATION
AERODROME OBSTACLE CHART (DECEMBER 2019)
ICAO ANNEX 4 TYPE A (OPERATING LIMITATIONS)
(34R TAKE OFF)

(ALL OBSTACLES PENETRATING THE 1.2% SURFACE)

The origin of the surface is located at the end of the clearway

The total length of the area is 10000 metres (5.4 NM)

The area is splayed at 12.5% (7° 08')

The surface has a gradient of 1.2%

Chainages commence from the start of the Take Off run available

Datum for bearings and co-ordinates is the Map Grid of Australia (MGA94)

Datum for heights (HT) is the Australian Height Datum (AHD)

NB: The published height relating to roads include a height between 2.5m and 4.6m for transient obstacles.

NB: The published height relating to railways include a 5.3m height for transient obstacles.

NB: Obstacle database used for reduction: Obst 200219.red

Sydney Kingsford-Smith Airport 34R Take Off						
Mid-point Easting	of origin Northing	Runway Bearing	Height at Chainage 00	Runway Length	Chainage at Origin	Height at Origin
(MGA94)		(Deg Min Sec)	(m) (ft)	(metres)	(metres)	m (ft)
332571.925	6242010.054	346° 47' 03"	4.010 (13.2)	2438.0	2498.0	4.984 (16.4)

EXPLANATION OF SPECIFIC TERMS

Chart No. Chart Identification Number, shown on the respective Type A Chart for the current year, denoting only the Significant Obstacles.

Note: 1. These numbers are regenerated with each survey and may vary from one year to the next.

2. The previous year's Chart No is also supplied for cross-referencing purposes.

Reference Number Surveyor Identification Number - A unique sequential number allocated during surveys to identify an obstacle. This number does not change.

Type of Obstacle ICAO Identification as displayed on Type A Chart and shown on that chart's legend.

Description General description of the respective obstacle.

Chart No. (2019)	Chart No. (2018)	Reference Number (Surveyor ID No.)	Easting	Northing	Height of Obstacle above AHD		Height of Lowest Surveyed Slope (1.2%) above AHD	Pen. of Lowest Surveyed Slope (1.2%)	Type of Obstacle	Chainage relative to RWY Start	Offset from Centreline	Gradient to top of Obstacle	Description	Date Last Visited	On Airport
					metres	(feet)									
MGA94				metres	(feet)	metres	metres	metres	metres	(%)					
39	39	418	332545.7	6242699.3	24.4	80.1	13.1	11.3	TREE	3175.0	132 East	2.9	Tree	Feb 20	Y
		424	332391.8	6242479.4	17.4	57.1	11.0	6.4	SPIRE	2996.1	68.1 West	2.5	Flood light	Nov 19	N
		590	332576.4	6242380.5	12.3	40.4	9.3	3.0	SPIRE	2857.6	89.1 East	2.0	Flood light atop advertising sign	Nov 19	Y
		658	332352.5	6242712.0	15.3	50.2	13.8	1.5	SPIRE	3231.6	53.1 West	1.4	Light Pole	Dec 19	Y
		662	332347.5	6242685.8	14.9	48.9	13.5	1.4	SPIRE	3207.2	64 West	1.4	Light Pole	Dec 19	Y
		664	332295.0	6242725.4	15.2	49.9	14.1	1.1	SPIRE	3257.7	106 West	1.3	Light Pole	Dec 19	Y
		666	332305.2	6242689.9	14.3	46.9	13.7	0.6	SPIRE	3220.9	104.2 West	1.3	Light Pole	Nov 18	Y
		668	332268.2	6242736.4	15.5	50.9	14.3	1.2	SPIRE	3274.5	129.7 West	1.4	Light Pole	Dec 19	Y
		670	332226.9	6242790.2	15.5	50.9	15.0	0.4	SPIRE	3336.3	157.5 West	1.3	Light Pole	Dec 19	Y
		672	332239.6	6242750.9	15.3	50.2	14.6	0.8	SPIRE	3295.2	154.2 West	1.3	Light Pole	Dec 19	Y
		674	332234.1	6242725.9	15.5	50.9	14.3	1.2	SPIRE	3272.2	165.3 West	1.4	Light Pole	Dec 19	Y
		676	332194.3	6242779.6	15.2	49.9	15.0	0.2	SPIRE	3333.5	191.7 West	1.2	Light Pole	Dec 19	Y
		678	332207.2	6242739.6	15.3	50.2	14.5	0.8	SPIRE	3291.7	188.3 West	1.3	Light Pole	Dec 19	Y
		766	332074.8	6246713.2	68.8	225.7	61.3	7.5	ANTEN	7190.2	591.2 East	1.4	Mobile Phone Tower atop building (lit)	Nov 18	N
		1145	332382.2	6242305.9	11.5	37.7	9.0	2.5	SPIRE	2829.4	117 West	2.0	Perimeter Fence Floodlight	Nov 19	Y
		1146	332404.1	6242317.4	11.7	38.4	9.0	2.6	SPIRE	2835.5	93.1 West	2.0	Perimeter Fence Floodlight	Nov 19	Y
		1147	332420.1	6242337.6	11.7	38.4	9.2	2.5	SPIRE	2851.6	73 West	1.9	Perimeter Fence Floodlight	Nov 19	Y
		1148	332438.0	6242353.9	11.8	38.7	9.4	2.4	SPIRE	2863.4	51.8 West	1.9	Perimeter Fence Floodlight	Nov 19	Y
		1149	332462.6	6242361.1	11.7	38.4	9.4	2.3	SPIRE	2864.8	26.2 West	1.8	Perimeter Fence Floodlight	Nov 19	Y
		1150	332488.2	6242356.9	11.2	36.7	9.3	1.9	SPIRE	2854.8	2.2 West	1.7	Perimeter Fence Floodlight	Nov 19	Y
		1151	332517.2	6242357.8	10.6	34.8	9.2	1.4	SPIRE	2849.0	26.2 East	1.6	Perimeter Fence Floodlight	Nov 19	Y
		1152	332515.9	6242328.6	10.5	34.4	8.9	1.7	SPIRE	2820.9	18.3 East	1.7	Perimeter Fence Floodlight	Nov 19	Y
44	44	1189	332341.5	6243956.1	48.8	160.1	28.4	20.4	BLDG	4445.2	220.6 East	2.3	SE Corner Stamford Hotel	Feb 20	N
		1239	332559.3	6242695.7	18.5	60.7	13.0	5.5	BLDG	3168.4	144.5 East	2.0	CHIMNEY	Dec 19	Y
40	40	1241	332580.9	6242713.5	22.7	74.5	13.2	9.5	TREE	3180.8	169.5 East	2.6	TREE	Feb 20	Y
		1249	332139.0	6243472.9	25.3	83.0	23.3	2.1	SPIRE	4021.0	87 West	1.3	FLOOD LIGHT	Dec 19	Y
		1250	332164.6	6243468.6	25.4	83.3	23.1	2.2	SPIRE	4011.0	63.1 West	1.4	FLOOD LIGHT	Dec 19	Y
		1251	332189.6	6243465.1	25.5	83.7	23.0	2.5	SPIRE	4001.9	39.5 West	1.4	FLOOD LIGHT	Dec 19	Y
		1374	332481.5	6242794.3	16.3	53.5	14.4	2.0	SPIRE	3282.2	91.3 East	1.5	Flood Light	Nov 14	Y
		1375	332531.4	6242806.1	16.5	54.1	14.4	2.1	SPIRE	3282.3	142.5 East	1.5	Flood Light	Dec 19	Y
31	29	1381	332580.7	6242476.5	17.6	57.7	10.4	7.2	SPIRE	2950.1	115.2 East	2.8	Flood Light	Nov 19	N
41	41	1503	332045.1	6243478.1	35.2	115.5	23.6	11.6	SPIRE	4047.6	177.2 West	2.0	Southern edge of steel light frame support atop floodlight pole	Feb 20	Y
		1516	331896.8	6243608.9	35.2	115.5	25.5	9.7	SPIRE	4208.9	291.7 West	1.8	Flood Light	Dec 19	Y
		1554	332474.1	6242024.9	6.2	20.3	5.4	0.8	BLDG	2534.9	91.8 West	3.4	Demountable building	Nov 19	Y
		1778	332492.6	6243566.1	30.7	100.7	23.4	7.3	SPIRE	4030.9	278.5 East	1.7	Lightning rod atop floodlight pole	Dec 19	Y
		1808	332100.5	6244335.4	45.0	147.6	33.4	11.6	BLDG	4869.5	72.7 East	1.7	BLDG	Nov 18	Y
		1809	332380.3	6244618.7	48.0	157.5	36.0	12.0	ANTEN	5081.3	409.9 East	1.7	Lightening conductor atop building	Nov 18	N
		1810	332315.3	6244711.6	42.0	137.8	37.2	4.8	BLDG	5186.7	367.8 East	1.4	BLDG	Nov 18	N
		1811	332243.3	6244738.1	43.5	142.7	37.8	5.7	BLDG	5228.9	303.8 East	1.4	BLDG	Nov 18	N
		1821	332039.4	6243407.0	24.7	81.0	22.8	1.9	SPIRE	3979.7	199.1 West	1.3	Flood Light pole	Dec 19	Y
		1822	332373.3	6243564.1	30.7	100.7	23.7	7.0	SPIRE	4056.3	162 East	1.7	Flood Light	Dec 19	Y
		1823	332412.4	6243568.2	30.6	100.4	23.6	7.0	SPIRE	4051.4	200.9 East	1.7	Flood Light	Dec 19	Y

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					metres	(feet)										metres	metres
					MGA94												
28	26	2190	332422.8	6242429.5	17.4	57.1	10.3	7.1	TREE	2940.4	49.3 West	2.8	Needle Pine	Nov 19	Y		
		2326	332618.4	6242318.7	10.7	35.1	8.5	2.2	SPIRE	2787.8	115.8 East	2.0	Street Light	Nov 19	N		
		2328	332625.7	6242300.9	10.3	33.8	8.2	2.1	SPIRE	2768.8	118.8 East	2.0	Street Light	Nov 19	N		
29	27	2418	332459.4	6242440.9	17.0	55.8	10.3	6.7	TREE	2943.2	11 West	2.7	Sheoak	Nov 19	Y		
33	31	2420	332511.1	6242474.7	17.9	58.7	10.6	7.3	TREE	2964.2	47 East	2.8	Tallest of a grove of trees	Nov 19	N		
34	32	2422	332486.3	6242469.7	18.0	59.1	10.6	7.4	TREE	2965.1	21.8 East	2.8	Tallest of a grove of trees	Nov 19	N		
		2594	332382.0	6242392.9	15.1	49.5	10.0	5.2	TREE	2914.1	97.4 West	2.4	Tree	Nov 19	Y		
	37	2610	332573.1	6242562.1	19.3	63.3	11.4	7.9	TREE	3035.1	127.4 East	2.7	Tree	Nov 19	Y		
		2624	332315.0	6242527.2	20.1	65.9	11.7	8.4	TREE	3060.2	131.9 West	2.7	Tree	Nov 19	Y		
		2626	332477.7	6242515.8	15.8	51.8	11.2	4.7	SPIRE	3011.9	23.9 East	2.1	Street light	Nov 19	Y		
		2628	332430.6	6242492.8	15.5	50.9	11.0	4.5	SPIRE	3000.3	27.2 West	2.1	Street light	Nov 19	N		
		2630	332588.4	6242541.2	17.4	57.1	11.1	6.3	SPIRE	3011.3	137.4 East	2.4	Street light	Nov 16	N		
	38	2634	332549.4	6242581.9	20.5	67.3	11.7	8.7	TREE	3059.8	108.8 East	2.8	Tree	Nov 19	Y		
		2638	332303.2	6242560.9	15.6	51.2	12.2	3.4	SPIRE	3095.7	135.6 West	1.8	Flood light	Nov 19	Y		
		2640	332293.5	6242598.0	19.6	64.3	12.6	7.0	TREE	3134.0	136.6 West	2.3	Tree	Nov 19	Y		
		2642	332284.7	6242624.2	17.0	55.8	12.9	4.0	TREE	3161.5	139.2 West	1.8	Tree	Nov 19	Y		
		2644	332254.0	6242634.9	16.1	52.8	13.2	3.0	SPIRE	3179.0	166.7 West	1.6	Flood light	Dec 19	Y		
		2648	332409.0	6242759.5	17.0	55.8	14.2	2.8	SPIRE	3264.9	12.7 East	1.6	Flood light	Dec 19	Y		
		2650	332399.6	6242742.2	15.5	50.9	14.0	1.5	SPIRE	3250.2	0.4 West	1.4	Light pole	Dec 19	Y		
		2652	332528.5	6242780.2	17.2	56.4	14.1	3.1	SPIRE	3257.7	133.8 East	1.6	Flood light	Dec 19	Y		
		2654	332270.1	6242760.3	15.6	51.2	14.6	1.0	SPIRE	3297.3	122.3 West	1.3	Flood light	Dec 19	Y		
		2656	332323.5	6242807.6	16.0	52.5	15.0	1.0	SPIRE	3331.2	59.5 West	1.3	Flood light	Dec 19	Y		
		2658	332460.9	6242779.6	18.3	60.0	14.3	4.0	TREE	3272.6	67.9 East	1.7	Tree	Dec 19	Y		
		2660	332566.6	6242858.2	16.0	52.5	14.9	1.1	SPIRE	3324.9	188.7 East	1.3	Flood light	Jan 18	Y		
		2662	332432.0	6243584.2	28.0	91.9	23.8	4.2	TREE	4062.4	223.7 East	1.5	Tree	Dec 19	Y		
		2666	332180.0	6243644.0	35.3	115.8	25.1	10.2	BLDG	4178.3	8 West	1.8	SE corner eastern most MSCP T2	Dec 19	Y		
		2676	332091.7	6243658.0	27.5	90.2	25.6	2.0	BLDG	4212.1	90.7 West	1.3	SE corner MSCP T2	Nov 18	Y		
		2678	332079.5	6243660.4	32.8	107.6	25.6	7.2	SPIRE	4217.2	102.1 West	1.6	Flood light	Nov 18	Y		
		2680	332002.2	6243672.4	32.8	107.6	26.0	6.8	SPIRE	4246.5	174.6 West	1.6	Flood light	Nov 18	Y		
		2682	332088.9	6243691.0	32.0	105.0	25.9	6.1	SPIRE	4244.9	85.9 West	1.6	Flood light	Nov 18	Y		
		2684	332085.6	6243689.1	28.7	94.2	25.9	2.8	BLDG	4243.7	89.6 West	1.4	Building atop MSCP T2	Nov 18	Y		
		2686	332047.7	6243676.1	28.4	93.2	25.9	2.5	BLDG	4239.7	129.4 West	1.3	Building atop MSCP T2	Nov 18	Y		
		2688	332342.8	6243711.9	27.0	88.6	25.5	1.5	TREE	4207.2	166 East	1.3	Tree	Dec 19	Y		
		2690	332176.1	6243798.2	29.7	97.4	27.0	2.7	ANTEN	4329.3	23.4 East	1.4	Mobile phone tower	Nov 18	Y		
		2692	331902.8	6244041.8	42.8	140.4	30.6	12.2	SPIRE	4628.9	186.9 West	1.8	Flood light	Nov 18	Y		
		2694	331916.0	6244134.5	43.3	142.1	31.6	11.7	SPIRE	4716.2	152.8 West	1.7	Flood light	Nov 18	Y		
45	45	2816	332340.7	6243957.3	51.0	167.3	28.4	22.6	MOVG	4446.5	220.1 East	2.4	BMU Window Washing Unit	Feb 20	N		
46	46	2818	332312.3	6243970.4	50.9	167.0	28.6	22.3	BLDG	4465.8	195.4 East	2.3	Stamford Hotel Plant Room	Feb 20	N		
23	22	3092	332551.7	6242421.6	17.0	55.8	9.8	7.2	TREE	2903.3	74.4 East	3.0	Tree	Nov 19	Y		
27	25	3093	332375.8	6242416.0	18.2	59.7	10.3	8.0	TREE	2938.0	98.1 West	3.0	Tree	Nov 19	Y		
		3096	332480.6	6242784.9	18.5	60.7	14.3	4.2	TREE	3273.2	88.2 East	1.8	Tree	Dec 19	Y		
		3099	332476.6	6242881.8	15.9	52.2	15.4	0.5	SPIRE	3368.5	106.5 East	1.3	light pole long term carpark	Dec 19	Y		

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					metres	(feet)									
		3482	332542.7	6242418.0	15.5	50.9	9.8	5.7	TREE	2901.8	64.8 East	2.6	Tree	Nov 19	Y
		3483	332533.7	6242425.2	16.1	52.8	9.9	6.1	TREE	2910.9	57.7 East	2.7	Tallest of a grove of trees	Nov 19	Y
24	23	3484	332546.5	6242426.6	17.3	56.8	9.9	7.4	TREE	2909.3	70.5 East	3.0	Tree	Nov 19	Y
		3485	332552.3	6242451.8	15.3	50.2	10.2	5.1	TREE	2932.6	81.9 East	2.4	Tree	Nov 17	N
30	28	3486	332529.1	6242462.1	17.1	56.1	10.4	6.7	TREE	2947.9	61.6 East	2.7	Tree	Nov 19	N
		3506	332604.3	6242251.2	9.4	30.8	7.7	1.7	TREE	2725.4	86.7 East	1.9	Tree	Nov 19	Y
		3510	332362.0	6242406.6	16.2	53.1	10.2	6.0	TREE	2932.0	113.7 West	2.6	Tree	Nov 19	Y
13	13	3512	332614.4	6242275.7	11.2	36.7	8.0	3.2	TREE	2746.9	102 East	2.5	Tree	Nov 19	Y
16	15	3514	332613.5	6242306.7	11.3	37.1	8.3	3.0	TREE	2777.3	108.3 East	2.3	Tree	Nov 19	Y
		3590	332275.0	6244870.4	52.0	170.6	39.2	12.8	BLDG	5350.5	364.9 East	1.7	PROPERTY DEVELOPMENT	Nov 18	N
		3925	332517.6	6242614.6	19.4	63.6	12.2	7.2	TREE	3099.0	85.4 East	2.4	Tree	Dec 19	Y
		3927	332525.4	6242529.3	17.7	58.1	11.2	6.6	TREE	3014.1	73.5 East	2.5	Tree	Nov 19	Y
2	3	4002	332553.4	6242025.3	6.7	22.0	5.2	1.5	SPIRE	2517.1	14.5 West	8.8	HAL	Feb 20	Y
3	4	4012	332568.3	6242028.8	6.7	22.0	5.2	1.5	SPIRE	2517.0	0.7 East	8.9	HAL	Feb 20	Y
1	2	4022	332583.1	6242032.2	6.7	22.0	5.2	1.5	SPIRE	2517.0	15.9 East	8.9	HAL	Feb 20	Y
4	5	4026	332561.3	6242061.5	7.2	23.6	5.6	1.6	SPIRE	2550.5	1.4 East	4.2	HAL	Feb 20	Y
5	6	4030	332553.8	6242093.8	7.8	25.6	6.0	1.8	SPIRE	2583.6	1.5 East	3.3	HAL	Feb 20	Y
6	7	4032	332546.2	6242126.1	8.3	27.2	6.4	1.9	SPIRE	2616.8	1.4 East	2.8	HAL	Nov 19	Y
7	8	4036	332537.1	6242158.0	8.9	29.2	6.8	2.0	SPIRE	2650.0	0.1 West	2.6	HAL	Nov 19	Y
9	10	4040	332512.0	6242186.2	9.4	30.8	7.2	2.2	SPIRE	2683.2	18 West	2.4	HAL	Nov 19	Y
8	9	4054	332530.9	6242190.6	9.4	30.8	7.2	2.2	SPIRE	2683.1	1.4 East	2.4	HAL	Nov 19	Y
10	11	4066	332548.5	6242194.8	9.4	30.8	7.2	2.2	SPIRE	2683.2	19.4 East	2.4	HAL	Nov 19	Y
		4069	332508.1	6242168.6	7.7	25.3	7.0	0.7	SPIRE	2667.0	25.9 West	1.6	Obstruction Light (Lit 1/1)	Nov 19	Y
11	12	4070	332523.5	6242222.7	10.0	32.8	7.6	2.4	SPIRE	2716.0	1.5 East	2.3	HAL	Nov 19	Y
		4071	332558.7	6242180.5	7.7	25.3	7.0	0.7	SPIRE	2667.0	26.1 East	1.6	Obstruction Light (Lit 1/1)	Nov 19	Y
14	14	4074	332516.0	6242254.4	10.5	34.4	8.0	2.5	SPIRE	2748.7	1.5 East	2.2	HAL	Nov 19	Y
17	16	4078	332508.5	6242286.3	11.1	36.4	8.4	2.7	SPIRE	2781.4	1.4 East	2.1	HAL	Nov 19	Y
19	18	4082	332501.1	6242318.1	11.6	38.1	8.8	2.8	SPIRE	2814.1	1.4 East	2.1	HAL	Nov 19	Y
20	19	4084	332471.0	6242344.5	12.2	40.0	9.2	3.0	SPIRE	2846.7	21.8 West	2.1	HAL	Nov 19	Y
		4100	332493.6	6242350.0	12.2	40.0	9.2	3.0	SPIRE	2846.9	1.4 East	2.1	HAL	Nov 19	Y
		4114	332514.7	6242354.9	12.2	40.0	9.2	3.0	SPIRE	2846.8	23.2 East	2.1	HAL	Nov 19	Y
		4118	332485.2	6242382.7	12.7	41.7	9.6	3.1	SPIRE	2880.6	0.7 East	2.0	HAL	Nov 19	Y
		4124	332477.3	6242415.6	13.3	43.6	10.0	3.3	SPIRE	2914.4	0.6 East	2.0	HAL	Nov 19	Y
		4129	331996.2	6243892.9	40.8	133.9	28.6	12.2	BLDG	4462.6	130 West	1.8	Railing on Roof	Dec 19	Y
		4130	332469.7	6242448.4	13.8	45.3	10.4	3.4	SPIRE	2948.1	0.7 East	2.0	HAL	Nov 19	Y
		4136	332461.9	6242481.5	14.4	47.2	10.8	3.6	SPIRE	2982.2	0.7 East	2.0	HAL	Nov 19	N
		4140	332426.6	6242511.0	14.4	47.2	11.2	3.2	SPIRE	3018.9	27 West	1.8	HAL	Nov 19	Y
		4149	332449.2	6242158.2	8.1	26.6	7.1	1.1	ANTEN	2670.3	85.6 West	1.8	Aerial atop shed	Dec 19	Y
		4158	332453.5	6242517.2	14.4	47.2	11.2	3.2	SPIRE	3018.8	0.7 East	1.8	HAL	Nov 19	Y
		4176	332480.4	6242523.6	14.4	47.2	11.2	3.2	SPIRE	3018.9	28.3 East	1.8	HAL	Nov 19	Y
		4180	332447.2	6242544.5	14.4	47.2	11.6	2.8	SPIRE	3046.8	0.7 East	1.7	HAL	Nov 19	Y
		4186	332440.7	6242571.8	14.4	47.2	11.9	2.5	SPIRE	3074.9	0.7 East	1.6	HAL	Nov 19	Y

Chart No. (2019)	Chart No. (2018)	Reference Number (Surveyor ID No.)	Easting	Northing	Height of Obstacle above AHD		Height of Lowest Surveyed Slope (1.2%) above AHD	Pen. of Lowest Surveyed Slope (1.2%)	Type of Obstacle	Chainage relative to RWY Start	Offset from Centreline	Gradient to top of Obstacle	Description	Date Last Visited	On Airport		
					metres	(feet)										metres	metres
					MGA94												
		4192	332434.4	6242599.0	14.4	47.2	12.2	2.1	SPIRE	3102.8	0.7 East	1.6	HAL	Nov 19	Y		
		4198	332427.9	6242626.1	14.4	47.2	12.6	1.8	SPIRE	3130.7	0.7 East	1.5	HAL	Nov 19	Y		
		4204	332421.6	6242653.5	14.4	47.2	12.9	1.5	SPIRE	3158.8	0.7 East	1.4	HAL	Nov 19	Y		
		4205	332481.0	6242365.7	10.1	33.1	9.4	0.7	MOVG	2865.0	7.2 West	1.4	Gate 16 Access Road Crown (plus 4.6m)	Nov 14	Y		
		4208	331824.5	6243772.9	39.7	130.2	27.6	12.1	SPIRE	4385.1	324.6 West	1.8	Obstruction Light (Lit 1/1)	Dec 19	Y		
		4210	331823.7	6243776.5	39.8	130.6	27.7	12.1	SPIRE	4388.7	324.6 West	1.8	Obstruction Light (Lit 1/1)	Nov 18	Y		
		4212	331864.8	6243686.5	40.7	133.5	26.5	14.2	SPIRE	4291.8	305.1 West	2.0	Obstruction Light (Lit 1/1)	Dec 19	Y		
43	43	4214	331863.1	6243683.5	40.9	134.2	26.5	14.4	SPIRE	4289.2	307.5 West	2.0	Obstruction Light (Lit 1/1)	Feb 20	Y		
		4301	332565.5	6242434.4	16.4	53.8	10.0	6.4	SPIRE	2912.6	90.7 East	2.8	Light Pole	Nov 19	N		
21	20	4303	332580.8	6242397.1	14.4	47.2	9.5	4.9	SPIRE	2872.7	97.1 East	2.5	Light Pole	Nov 19	N		
22	21	4333	332608.2	6242407.0	16.0	52.5	9.5	6.5	SPIRE	2876.1	126.1 East	2.9	Light Pole	Nov 19	N		
		4335	332608.8	6242433.2	13.0	42.7	9.8	3.2	SPIRE	2901.5	132.6 East	2.0	Light Pole	Nov 19	N		
		4337	332593.2	6242441.2	16.2	53.1	10.0	6.3	SPIRE	2912.9	119.3 East	2.7	Light Pole	Nov 19	N		
		4339	332524.5	6242492.8	19.4	63.6	10.8	8.7	SPIRE	2978.8	64.2 East	3.0	Light Pole	Feb 20	N		
		4341	332481.6	6242480.7	18.3	60.0	10.7	7.6	SPIRE	2976.8	19.6 East	2.8	Light Pole	Nov 19	N		
		4343	332440.5	6242469.2	17.0	55.8	10.7	6.3	SPIRE	2975.0	22.9 West	2.5	Light Pole	Nov 19	N		
		4345	332399.8	6242457.7	15.8	51.8	10.7	5.2	SPIRE	2973.2	65.3 West	2.3	Light Pole	Nov 19	N		
37	35	4347	332548.1	6242501.2	19.5	64.0	10.8	8.7	SPIRE	2981.6	89 East	3.0	Light Pole	Feb 20	N		
38	36	4349	332575.4	6242508.2	19.8	65.0	10.8	9.0	SPIRE	2982.2	117.3 East	3.1	Light Pole	Feb 20	N		
36	34	4351	332603.0	6242507.2	19.4	63.6	10.7	8.7	SPIRE	2974.9	144 East	3.0	Light Pole	Feb 20	N		
		4361	331875.0	6243912.0	39.7	130.2	29.1	10.6	BLDG	4508.9	243.7 West	1.7	Building	Dec 19	Y		
		4365	332043.2	6244409.8	56.3	184.7	34.5	21.8	ANTEN	4955.1	33.9 East	2.1	Antenna (Lit 0/2)	Nov 19	Y		
		4393	332443.8	6242306.1	8.9	29.2	8.8	0.1	TERRN	2815.5	57 West	1.2	Top of Bank	Nov 16	Y		
		4395	332427.3	6242299.2	8.9	29.2	8.8	0.2	TERRN	2812.6	74.7 West	1.3	Top of Bank	Dec 19	Y		
		4397	332414.9	6242293.0	8.8	28.9	8.7	0.1	TERRN	2809.3	88.2 West	1.2	Top of Bank	Dec 19	Y		
		4405	332440.7	6242309.8	9.9	32.5	8.8	1.1	SPIRE	2819.8	59.2 West	1.5	Pole	Nov 19	Y		
		4407	332419.8	6242453.9	11.3	37.1	10.6	0.7	MOVG	2964.9	46.6 West	1.4	Road Edge (South) (plus 4.4m)	Dec 16	N		
		4409	332442.9	6242460.5	12.0	39.4	10.6	1.4	MOVG	2966.0	22.7 West	1.5	Road Edge (South) (plus 4.4m)	Dec 16	N		
		4411	332466.3	6242466.9	12.7	41.7	10.6	2.1	MOVG	2966.9	1.6 East	1.7	Road Edge (South) (plus 4.4m)	Dec 16	N		
		4413	332489.8	6242473.8	13.5	44.3	10.6	2.8	MOVG	2968.2	26.1 East	1.8	Road Edge (South) (plus 4.4m)	Dec 16	N		
		4415	332514.0	6242480.7	14.2	46.6	10.6	3.6	MOVG	2969.4	51.2 East	2.0	Road Edge (South) (plus 4.4m)	Dec 16	N		
		4417	332538.4	6242487.2	14.8	48.6	10.7	4.2	MOVG	2970.2	76.5 East	2.1	Road Edge (South) (plus 4.4m)	Dec 16	N		
		4419	332560.6	6242494.1	15.1	49.5	10.7	4.4	MOVG	2971.8	99.6 East	2.1	Road Edge (South) (plus 4.4m)	Dec 16	N		
		4421	332585.2	6242501.2	15.1	49.5	10.7	4.4	MOVG	2973.1	125.2 East	2.1	Road Edge (South) (plus 4.4m)	Dec 16	N		
		4423	332604.6	6242505.8	14.8	48.6	10.7	4.1	MOVG	2973.2	145.2 East	2.1	Road Edge (South) (plus 4.4m)	Dec 16	N		
		4440	332530.7	6242185.2	8.3	27.2	7.1	1.2	SPIRE	2677.9	0.1 West	1.9	RWY 16L Localiser Far Field Centreline Monitor Antenna	Dec 19	Y		
		4441	332468.8	6242170.6	8.5	27.9	7.1	1.4	SPIRE	2677.9	63.7 West	2.0	RWY 16L Localiser Far Field Displacement Sensitivity Monitor Antenna	Nov 19	Y		
		4446	332560.7	6242448.8	15.5	50.9	10.1	5.4	TREE	2927.7	89.4 East	2.5	Tree	Nov 19	N		
		4484	332602.6	6242436.2	14.2	46.6	9.9	4.3	TREE	2905.9	127.3 East	2.3	Tree	Nov 19	N		
		4485	332607.4	6242453.1	16.1	52.8	10.1	6.1	TREE	2921.2	135.8 East	2.6	Tree	Nov 19	N		
32	30	4486	332605.2	6242496.2	19.2	63.0	10.6	8.7	TREE	2963.6	143.5 East	3.1	Tree	Feb 20	N		
		4487	332547.0	6242478.3	17.6	57.7	10.5	7.0	TREE	2959.5	82.8 East	2.7	Tree	Nov 19	N		

Chart No. (2019)	Chart No. (2018)	Reference Number (Surveyor ID No.)	Easting	Northing	Height of Obstacle above AHD		Height of Lowest Surveyed Slope (1.2%) above AHD	Pen. of Lowest Surveyed Slope (1.2%)	Type of Obstacle	Chainage relative to RWY Start	Offset from Centreline	Gradient to top of Obstacle	Description	Date Last Visited	On Airport
					metres	(feet)									
					MGA94										
42	42	4492	332173.3	6243646.9	38.7	127.0	25.2	13.5	BLDG	4182.6	13.9 West	2.0	Multi Storey Carpark	Feb 20	Y
		4493	332450.4	6243827.9	40.0	131.2	26.6	13.5	BLDG	4295.5	297.3 East	2.0	Mantra Hotel	Dec 19	Y
35	33	4509	332588.3	6242499.4	19.5	64.0	10.7	8.9	TREE	2970.6	127.8 East	3.1	Tree	Feb 20	N
		4595	332270.0	6245143.0	51.2	168.0	42.4	8.8	BLDG	5617.0	422.3 East	1.5	Apartment	Jan 00	N
		4737	332343.1	6242464.5	15.1	49.5	10.9	4.1	SPIRE	2992.8	118.9 West	2.0	Floodlight	Nov 19	N
		4741	331854.1	6248446.4	82.6	271.0	82.1	0.5	BLDG	8928.0	772.6 East	1.2	Brick Chimney	Nov 18	N
		4773	331709.8	6248055.9	82.0	269.0	78.0	4.0	ANTEN	8580.8	542.9 East	1.3	Church Crux	Nov 18	N
47	47	4781	332274.4	6244017.0	52.1	170.9	29.2	22.8	BLDG	4519.8	169.2 East	2.3	BUILDING (Lit) Airport Central	Feb 20	N
		4807	331887.5	6246559.1	66.5	218.2	60.0	6.5	BLDG	7083.0	373.7 East	1.3	Chimney	Nov 18	N
		4832	332380.9	6244481.0	51.0	167.3	34.4	16.6	BLDG	4947.1	378.9 East	1.9	Building	Nov 19	N
		4833	332337.0	6244908.7	50.8	166.7	39.5	11.3	BLDG	5373.6	434 East	1.6	Building	Oct 18	N
		4864	331728.0	6246273.0	68.0	223.1	57.1	10.9	BLDG	6841.0	153 East	1.5	Crane	Jul 19	N
		5394	332261.0	6244826.0	60.0	196.9	38.7	21.3	BLDG	5310.5	341.1 East	2.0	Tower Crane	Nov 19	N
		5409	332641.1	6242166.8	7.7	25.3	6.6	1.1	TREE	2634.7	103.2 East	2.0	Tree	Nov 19	Y
15		5410	332606.8	6242279.6	10.7	35.1	8.0	2.7	TREE	2752.4	95.6 East	2.3	Tree	Nov 19	Y
12		5411	332601.1	6242271.3	10.5	34.4	8.0	2.5	TREE	2745.6	88.1 East	2.2	Tree	Nov 19	Y
18		5412	332610.5	6242336.6	11.9	39.0	8.7	3.2	TREE	2807.1	112.3 East	2.2	Tree	Nov 19	N
26		5413	332406.1	6242422.0	18.1	59.4	10.3	7.8	TREE	2936.9	67.3 West	3.0	Tree	Nov 19	Y
25		5414	332398.4	6242418.9	18.3	60.0	10.2	8.1	TREE	2935.7	75.4 West	3.1	Tree	Feb 20	Y
		5415	332366.2	6242465.8	12.2	40.0	10.9	1.3	SPIRE	2988.7	96.1 West	1.5	Sign	Nov 19	N
		5461	332637.6	6242219.0	8.8	28.9	7.2	1.6	TREE	2686.4	111.7 East	2.0	Tree	Nov 19	Y
		5462	332630.8	6242235.1	9.1	29.9	7.5	1.7	TREE	2703.6	108.7 East	2.0	Tree	Nov 19	Y
		5466	332524.1	6242793.7	19.8	65.0	14.3	5.6	TREE	3271.8	132.6 East	1.9	Tree	Nov 19	Y
		5467	332540.4	6242799.7	17.6	57.7	14.3	3.3	TREE	3273.9	149.8 East	1.6	Tree	Nov 19	Y
		5468	332576.2	6242809.9	22.8	74.8	14.3	8.5	TREE	3275.7	187 East	2.3	Tree	Nov 19	Y
		5494	332426.8	6242856.4	16.7	54.8	15.3	1.4	SPIRE	3355.1	52.3 East	1.4	Light Pole	Jan 20	Y
		5495	332458.9	6242867.0	16.7	54.8	15.3	1.4	SPIRE	3358.1	85.9 East	1.4	Light Pole	Jan 20	Y
		6604	332305.2	6244342.8	51.7	169.6	33.0	18.7	BLDG	4830.0	273.7 East	2.0	Lightning Rod atop Apartments	Nov 19	N
		9076	332347.1	6243056.9	18.9	62.0	17.8	1.1	ANTEN	3568.5	20.5 East	1.3	25 Glide Path cnr nearest RWY (lit)	Dec 19	Y
		9080	332521.6	6242843.5	16.4	53.8	14.9	1.5	SPIRE	3320.8	141.5 East	1.4	light pole long term carpark	Dec 19	Y
		9081	332506.1	6242891.0	16.1	52.8	15.5	0.6	SPIRE	3370.7	137.3 East	1.3	light pole long term carpark	Dec 19	Y
		9087	332472.5	6242828.3	16.3	53.5	14.8	1.5	SPIRE	3317.3	90.3 East	1.4	light pole long term carpark	Nov 14	Y
		9089	332412.3	6242856.9	15.8	51.8	15.3	0.4	SPIRE	3358.9	38.2 East	1.3	light pole long term carpark	Dec 19	Y
		9092	332309.2	6242855.6	15.9	52.2	15.6	0.3	SPIRE	3381.3	62.5 West	1.2	light pole long term carpark	Dec 19	Y
		9093	332360.5	6242870.5	16.0	52.5	15.6	0.3	SPIRE	3384.0	9.1 West	1.2	light pole long term carpark	Dec 19	Y
		9094	332375.0	6242822.7	16.0	52.5	15.0	1.0	SPIRE	3334.1	5.9 West	1.3	light pole long term carpark	Dec 19	Y
		9095	332262.2	6242801.5	15.3	50.2	15.1	0.2	SPIRE	3339.3	120.6 West	1.2	light pole long term carpark	Dec 19	Y
		9097	332338.0	6242759.9	15.8	51.8	14.4	1.5	SPIRE	3281.5	56.2 West	1.4	light pole long term carpark	Dec 19	Y
		9098	332388.8	6242774.7	15.8	51.8	14.4	1.4	SPIRE	3284.3	3.5 West	1.4	light pole long term carpark	Dec 19	Y
		9111	332340.5	6243545.8	30.7	100.7	23.6	7.1	SPIRE	4045.9	125.8 East	1.7	light pole long term carpark	Dec 19	Y
		9112	332309.0	6243550.4	32.5	106.6	23.7	8.8	SPIRE	4057.6	96.2 East	1.8	light pole long term carpark	Dec 19	Y
		9113	332265.9	6243563.7	31.0	101.7	24.0	7.0	SPIRE	4080.5	57.3 East	1.6	light pole long term carpark	Dec 19	Y

Chart No. (2019)	Chart No. (2018)	Reference Number (Surveyor ID No.)	Easting	Northing	Height of Obstacle above AHD		Height of Lowest Surveyed Slope (1.2%) above AHD	Pen. of Lowest Surveyed Slope (1.2%)	Type of Obstacle	Chainage relative to RWY Start	Offset from Centreline	Gradient to top of Obstacle	Description	Date Last Visited	On Airpor
					metres	(feet)									
		9114	332222.4	6243572.5	30.6	100.4	24.2	6.4	SPIRE	4099.0	16.9 East	1.6	light pole long term carpark	Dec 19	Y
		9538	332502.9	6242552.1	17.1	56.1	11.5	5.6	TREE	3041.5	56.7 East	2.2	TREE	Dec 19	Y
		9539	332528.3	6242604.4	20.4	66.9	12.0	8.3	TREE	3086.6	93.4 East	2.6	TREE	Dec 19	Y

* Obstacle penetrates <0.05m

SYDNEY (KINGSFORD-SMITH) AIRPORT, AUSTRALIA
AERONAUTICAL INFORMATION PUBLICATION
AERODROME OBSTACLE CHART (DECEMBER 2019)
ICAO ANNEX 4 TYPE A (OPERATING LIMITATIONS)
(34R TAKE OFF)

(SIGNIFICANT OBSTACLES PENETRATING THE 1.2% SURFACE SHOWN ON TYPE A CHART)

The origin of the surface is located at the end of the clearway

The total length of the area is 10000 metres (5.4 NM)

The area is splayed at 12.5% (7° 08')

The surface has a gradient of 1.2%

Chainages commence from the start of the Take Off run available

Datum for bearings and co-ordinates is the Map Grid of Australia (MGA94)

Datum for heights (HT) is the Australian Height Datum (AHD)

NB: The published height relating to roads include a height between 2.5m and 4.6m for transient obstacles.

NB: The published height relating to railways include a 5.3m height for transient obstacles.

NB: Obstacle database used for reduction: Obst 200219.red

Sydney Kingsford-Smith Airport 34R Take Off						
Mid-point Easting	of origin Northing	Runway Bearing	Height at Chainage 00	Runway Length	Chainage at Origin	Height at Origin
(MGA94)		(Deg Min Sec)	(m) (ft)	(metres)	(metres)	m (ft)
332571.925	6242010.054	346° 47' 03"	4.010 (13.2)	2438.0	2498.0	4.984 (16.4)

EXPLANATION OF SPECIFIC TERMS

Chart No.	Chart Identification Number, shown on the respective Type A Chart for the current year, denoting <u>only</u> the Significant Obstacles. <u>Note:</u> 1. These numbers are regenerated with each survey and may vary from one year to the next. 2. The previous year's Chart No is also supplied for cross-referencing purposes.
Reference Number	Surveyor Identification Number - A unique sequential number allocated during surveys to identify an obstacle. This number does not change.
Type of Obstacle	ICAO Identification as displayed on Type A Chart and shown on that chart's legend.
Description	General description of the respective obstacle.

Chart No. (2019)	Chart No. (2018)	Reference Number (Surveyor ID No.)	Easting	Northing	Height of Obstacle above AHD		Height of Lowest Surveyed Slope (1.2%) above AHD	Pen. of Lowest Surveyed Slope (1.2%)	Type of Obstacle	Chainage relative to RWY Start	Offset from Centreline	Gradient to top of Obstacle	Description	Date Last Visited	On Airport		
					metres	(feet)										metres	metres
1	2	4022	332583.1	6242032.2	6.7	22.0	5.2	1.5	SPIRE	2517.0	15.9 East	8.9	HIAL	Feb 20	Y		
2	3	4002	332553.4	6242025.3	6.7	22.0	5.2	1.5	SPIRE	2517.1	14.5 West	8.8	HIAL	Feb 20	Y		
3	4	4012	332568.3	6242028.8	6.7	22.0	5.2	1.5	SPIRE	2517.0	0.7 East	8.9	HIAL	Feb 20	Y		
4	5	4026	332561.3	6242061.5	7.2	23.6	5.6	1.6	SPIRE	2550.5	1.4 East	4.2	HIAL	Feb 20	Y		
5	6	4030	332553.8	6242093.8	7.8	25.6	6.0	1.8	SPIRE	2583.6	1.5 East	3.3	HIAL	Feb 20	Y		
6	7	4032	332546.2	6242126.1	8.3	27.2	6.4	1.9	SPIRE	2616.8	1.4 East	2.8	HIAL	Nov 19	Y		
7	8	4036	332537.1	6242158.0	8.9	29.2	6.8	2.0	SPIRE	2650.0	0.1 West	2.6	HIAL	Nov 19	Y		
8	9	4054	332530.9	6242190.6	9.4	30.8	7.2	2.2	SPIRE	2683.1	1.4 East	2.4	HIAL	Nov 19	Y		
9	10	4040	332512.0	6242186.2	9.4	30.8	7.2	2.2	SPIRE	2683.2	18 West	2.4	HIAL	Nov 19	Y		
10	11	4066	332548.5	6242194.8	9.4	30.8	7.2	2.2	SPIRE	2683.2	19.4 East	2.4	HIAL	Nov 19	Y		
11	12	4070	332523.5	6242222.7	10.0	32.8	7.6	2.4	SPIRE	2716.0	1.5 East	2.3	HIAL	Nov 19	Y		
12		5411	332601.1	6242271.3	10.5	34.4	8.0	2.5	TREE	2745.6	88.1 East	2.2	Tree	Nov 19	Y		
13	13	3512	332614.4	6242275.7	11.2	36.7	8.0	3.2	TREE	2746.9	102 East	2.5	Tree	Nov 19	Y		
14	14	4074	332516.0	6242254.4	10.5	34.4	8.0	2.5	SPIRE	2748.7	1.5 East	2.2	HIAL	Nov 19	Y		
15		5410	332606.8	6242279.6	10.7	35.1	8.0	2.7	TREE	2752.4	95.6 East	2.3	Tree	Nov 19	Y		
16	15	3514	332613.5	6242306.7	11.3	37.1	8.3	3.0	TREE	2777.3	108.3 East	2.3	Tree	Nov 19	Y		
17	16	4078	332508.5	6242286.3	11.1	36.4	8.4	2.7	SPIRE	2781.4	1.4 East	2.1	HIAL	Nov 19	Y		
18		5412	332610.5	6242336.6	11.9	39.0	8.7	3.2	TREE	2807.1	112.3 East	2.2	Tree	Nov 19	N		
19	18	4082	332501.1	6242318.1	11.6	38.1	8.8	2.8	SPIRE	2814.1	1.4 East	2.1	HIAL	Nov 19	Y		
20	19	4084	332471.0	6242344.5	12.2	40.0	9.2	3.0	SPIRE	2846.7	21.8 West	2.1	HIAL	Nov 19	Y		
21	20	4303	332580.8	6242397.1	14.4	47.2	9.5	4.9	SPIRE	2872.7	97.1 East	2.5	Light Pole	Nov 19	N		
22	21	4333	332608.2	6242407.0	16.0	52.5	9.5	6.5	SPIRE	2876.1	126.1 East	2.9	Light Pole	Nov 19	N		
23	22	3092	332551.7	6242421.6	17.0	55.8	9.8	7.2	TREE	2903.3	74.4 East	3.0	Tree	Nov 19	Y		
24	23	3484	332546.5	6242426.6	17.3	56.8	9.9	7.4	TREE	2909.3	70.5 East	3.0	Tree	Nov 19	Y		
25		5414	332398.4	6242418.9	18.3	60.0	10.2	8.1	TREE	2935.7	75.4 West	3.1	Tree	Feb 20	Y		
26		5413	332406.1	6242422.0	18.1	59.4	10.3	7.8	TREE	2936.9	67.3 West	3.0	Tree	Nov 19	Y		
27	25	3093	332375.8	6242416.0	18.2	59.7	10.3	8.0	TREE	2938.0	98.1 West	3.0	Tree	Nov 19	Y		
28	26	2190	332422.8	6242429.5	17.4	57.1	10.3	7.1	TREE	2940.4	49.3 West	2.8	Needle Pine	Nov 19	Y		
29	27	2418	332459.4	6242440.9	17.0	55.8	10.3	6.7	TREE	2943.2	11 West	2.7	Sheoak	Nov 19	Y		
30	28	3486	332529.1	6242462.1	17.1	56.1	10.4	6.7	TREE	2947.9	61.6 East	2.7	Tree	Nov 19	N		
31	29	1381	332580.7	6242476.5	17.6	57.7	10.4	7.2	SPIRE	2950.1	115.2 East	2.8	Flood Light	Nov 19	N		
32	30	4486	332605.2	6242496.2	19.2	63.0	10.6	8.7	TREE	2963.6	143.5 East	3.1	Tree	Feb 20	N		
33	31	2420	332511.1	6242474.7	17.9	58.7	10.6	7.3	TREE	2964.2	47 East	2.8	Tallest of a grove of trees	Nov 19	N		
34	32	2422	332486.3	6242469.7	18.0	59.1	10.6	7.4	TREE	2965.1	21.8 East	2.8	Tallest of a grove of trees	Nov 19	N		
35	33	4509	332588.3	6242499.4	19.5	64.0	10.7	8.9	TREE	2970.6	127.8 East	3.1	Tree	Feb 20	N		
36	34	4351	332603.0	6242507.2	19.4	63.6	10.7	8.7	SPIRE	2974.9	144 East	3.0	Light Pole	Feb 20	N		
37	35	4347	332548.1	6242501.2	19.5	64.0	10.8	8.7	SPIRE	2981.6	89 East	3.0	Light Pole	Feb 20	N		
38	36	4349	332575.4	6242508.2	19.8	65.0	10.8	9.0	SPIRE	2982.2	117.3 East	3.1	Light Pole	Feb 20	N		
39	39	418	332545.7	6242699.3	24.4	80.1	13.1	11.3	TREE	3175.0	132 East	2.9	Tree	Feb 20	Y		
40	40	1241	332580.9	6242713.5	22.7	74.5	13.2	9.5	TREE	3180.8	169.5 East	2.6	TREE	Feb 20	Y		
41	41	1503	332045.1	6243478.1	35.2	115.5	23.6	11.6	SPIRE	4047.6	177.2 West	2.0	Southern edge of steel light frame support atop floodlight pole	Feb 20	Y		

Chart No. (2019)	Chart No. (2018)	Reference Number (Surveyor ID No.)	Easting	Northing	Height of Obstacle above AHD		Height of Lowest Surveyed Slope (1.2%) above AHD	Pen. of Lowest Surveyed Slope (1.2%)	Type of Obstacle	Chainage relative to RWY Start	Offset from Centreline	Gradient to top of Obstacle	Description	Date Last Visited	On Airport
					metres	(feet)									
					MGA94				metres	(feet)	metres	metres			
42	42	4492	332173.3	6243646.9	38.7	127.0	25.2	13.5	BLDG	4182.6	13.9 West	2.0	Multi Storey Carpark	Feb 20	Y
43	43	4214	331863.1	6243683.5	40.9	134.2	26.5	14.4	SPIRE	4289.2	307.5 West	2.0	Obstruction Light (Lit 1/1)	Feb 20	Y
44	44	1189	332341.5	6243956.1	48.8	160.1	28.4	20.4	BLDG	4445.2	220.6 East	2.3	SE Corner Stamford Hotel	Feb 20	N
45	45	2816	332340.7	6243957.3	51.0	167.3	28.4	22.6	MOVG	4446.5	220.1 East	2.4	BMU Window Washing Unit	Feb 20	N
46	46	2818	332312.3	6243970.4	50.9	167.0	28.6	22.3	BLDG	4465.8	195.4 East	2.3	Stamford Hotel Plant Room	Feb 20	N
47	47	4781	332274.4	6244017.0	52.1	170.9	29.2	22.8	BLDG	4519.8	169.2 East	2.3	BUILDING (Lit) Airport Central	Feb 20	N

* Obstacle penetrates <0.05m.

**SYDNEY (KINGSFORD-SMITH) AIRPORT, AUSTRALIA
AERONAUTICAL INFORMATION PUBLICATION
AERODROME OBSTACLE CHART (DECEMBER 2019)
ICAO ANNEX 4 TYPE A (OPERATING LIMITATIONS)
(34R TAKE OFF)**

(NEW & DELETED OBSTACLES)

The origin of the surface is located at the end of the clearway

The total length of the area is 10000 metres (5.4 NM)

The area is splayed at 12.5% (7° 08')

The surface has a gradient of 1.2%

Chainages commence from the start of the Take Off run available

Datum for bearings and co-ordinates is the Map Grid of Australia (MGA94)

Datum for heights (HT) is the Australian Height Datum (AHD)

NB: The published height relating to roads include a height between 2.5m and 4.6m for transient obstacles.

NB: The published height relating to railways include a 5.3m height for transient obstacles.

NB: Obstacle database used for reduction: Obst 200219.red

Sydney Kingsford-Smith Airport							34R Take Off	
Mid-point of origin		Runway Bearing	Height at		Runway Length	Chainage at Origin	Height at Origin	
<u>Easting</u>	<u>Northing</u>		Chainage 00					
(MGA94)			(Deg Min Sec)	(m)			(ft)	
332571.925	6242010.054	346° 47' 03"	4.010	(13.2)	2438.0	2498.0	4.984	(16.4)

EXPLANATION OF SPECIFIC TERMS

Chart No.

Chart Identification Number, shown on the respective Type A Chart for the current year, denoting only the Significant Obstacles.

Note:

1. These numbers are regenerated with each survey and may vary from one year to the next.
2. The previous year's Chart No is also supplied for cross-referencing purposes.

Reference Number

Surveyor Identification Number - A unique sequential number allocated during surveys to identify an obstacle. This number does not change.

Type of Obstacle

ICAO Identification as displayed on Type A Chart and shown on that chart's legend.

Description

General description of the respective obstacle.

New Obstacles (Obstacles newly reflected on Type A Charts - 2019 Survey)																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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					metres	(feet)	metres	metres		metres	metres	metres		metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	

Note: A 'New' Obstacle is an obstacle that has become prominent from the results of the current survey. It is now reflected on the Type A Chart.

It is possible that this obstacle existed prior to this survey but was not prominent at that time (eg: shielded by other obstacles, etc).

* Obstacle penetrates <0.05m

Deleted Obstacles (Obstacles removed from Type A Charts - 2018 Survey)																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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					metres	(feet)	metres	metres		metres	metres	metres		metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	metres	

Note: A 'Deleted' Obstacle is an obstacle no longer prominent from the results of the current survey. It has been removed from the Type A Chart.

It is possible that this obstacle still physically exists however it is no longer prominent (eg: shielded by other obstacles, etc).

* Obstacle penetrates <0.05m.