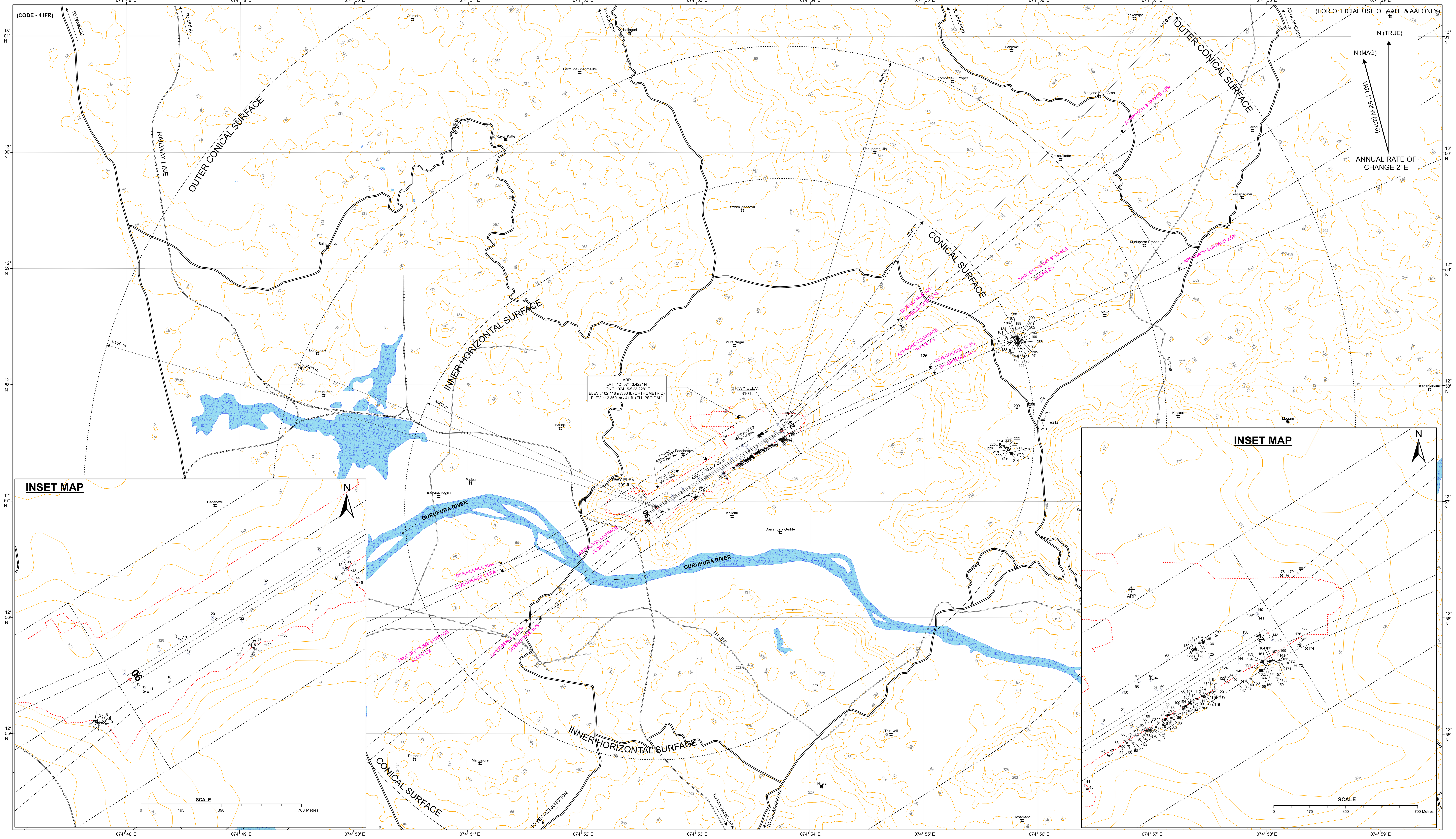
AERODROME ELEVATION : 318 ft.
DIMENSIONS IN METRES
ELEVATION IN FEET (EGM -08)
GRID LINES AND CO-ORDINATES SHOWN ARE BASED ON WGS -84 DATUM

AERODROME OBSTACLE CHART TYPE - B

MANGALURU, INDIA
MANGALURU INTERNATIONAL AIRPORT



SR.NO	UUID	OBJECTS	LATITUDE	LONGITUDE	TOP ELEV. IN FEET	SURFACE	PERMITTED ELEV. IN FEET	INFRINGEMENT IN FEET	DISTANCE FROM ARP IN METER
1	VOML_8098	Mobile Road Traffic (Road Elev.=94.18 m + 5m Mobile Traffic)	12° 56' 50.446" N	074° 52' 33.852" E	325	WITHIN APP. FUNNEL	322	4	2205
2	VOML_6310	Group of Trees	12° 56' 50.244" N	074° 52' 33.806" E	324	WITHIN APP. FUNNEL	322	3	2210
3	VOML_6309	Group of Trees	12° 56' 50.232" N	074° 52' 34.122" E	323	WITHIN APP. FUNNEL	321	2	2204
4	VOML_6087	Group of Trees	12° 56' 49.923" N	074° 52' 34.125" E	322	WITHIN APP. FUNNEL	322	0	2211
5	VOML_6088	Group of Trees	12° 56' 49.951" N	074° 52' 34.405" E	322	WITHIN APP. FUNNEL	321	1	2205
6	VOML_6089	Group of Trees	12° 56' 49.928" N	074° 52' 34.965" E	326	WITHIN APP. FUNNEL	320	6	2194
7	VOML_6308	Group of Trees	12° 56' 50.136" N	074° 52' 35.153" E	324	WITHIN APP. FUNNEL	320	4	2186
8	VOML_8153	Mobile Road Traffic (Road Elev.=93.88 m + 5m Mobile Traffic)	12° 56' 50.425" N	074° 52' 35.296" E	324	WITHIN APP. FUNNEL	319	5	2176
9	VOML_6307	Group of Trees	12° 56' 49.985" N	074° 52' 35.363" E	324	WITHIN APP. FUNNEL	320	5	2185
10	VOML_6306	Group of Trees	12° 56' 49.734" N	074° 52' 35.568" E	320	WITHIN APP. FUNNEL	320	1	2187
11	VOML_9109	Bird Scarer Hut	12° 56' 54.768" N	074° 52' 42.433" E	311	WITHIN RWY STRIP	310	1	1935
12	VOML_9108	Wind sock, Obstruction Light Top - 99.51 m, Wind Sock Top - 99.20 m.	12° 56' 54.900" N	074° 52' 41.766" E	326	WITHIN RWY STRIP	310	17	1945
13	VOML_9111	Sign Board	12° 56' 55.520" N	074° 52' 40.233" E	312	WITHIN RWY STRIP	309	3	1960
14	VOML_9096	Sign Board	12° 56' 57.715" N	074° 52' 38.595" E	311	WITHIN RWY STRIP	309	2	1944
15	VOML_9112	Sign Board	12° 57' 01.437" N	074° 52' 44.162" E	311	WITHIN RWY STRIP	309	2	1746
16	VOML_7407	MET Antenna, Lightning Arrester Top - 102.79 m, Antenna Top - 102.06 m, Obstruction Light Top - 101.98 m.	12° 56' 56.532" N	074° 52' 45.777" E	337	WITHIN RWY STRIP	309	29	1830
17	VOML_9115	Sign Board	12° 57' 00.700" N	074° 52' 48.846" E	313	WITHIN RWY STRIP	310	3	1672
18	VOML_9230	Sign Board	12° 57' 03.109" N	074° 52' 47.595" E	311	WITHIN RWY STRIP	310	1	1639
19	VOML_9183	PAPI	12° 57' 03.144" N	074° 52' 47.528" E	311	WITHIN RWY STRIP	310	1	1639
20	VOML_9229	Sign Board	12° 57' 06.628" N	074° 52' 52.800" E	311	WITHIN RWY STRIP	309	2	1455
21	VOML_9083	Sign Board	12° 57' 06.319" N	074° 52' 52.852" E	311	WITHIN RWY STRIP	309	2	1462
22	VOML_9079	Sign Board	12° 57' 05.933" N	074° 52' 57.460" E	312	WITHIN RWY STRIP	309	3	1389
23	VOML_8099	Mobile Road Traffic (Road Elev.=94.16 m + 5m Mobile Traffic)	12° 57' 01.472" N	074° 52' 57.566" E	325	WITHIN T.S.	320	5	1503
24	VOML_6061	Group of Trees	12° 57' 01.806" N	074° 52' 59.438" E	343	WITHIN T.S.	330	13	1466
25	VOML_6062	Group of Trees	12° 57' 01.589" N	074° 52' 59.507" E	341	WITHIN T.S.	333	8	1470
26	VOML_6059	Group of Trees	12° 57' 01.557" N	074° 52' 59.783" E	347	WITHIN T.S.	336	11	1467
27	VOML_6060	Group of Trees	12° 57' 02.245" N	074° 52' 59.678" E	330	WITHIN T.S.	326	4	1450
28	VOML_6058	Group of Trees	12° 57' 02.396" N	074° 53' 00.258" E	345	WITHIN T.S.	329	16	1438
29	VOML_6057	Group of Trees	12° 57' 02.337" N	074° 53' 01.407" E	348	WITHIN T.S.	338	10	1423
30	VOML_6055	Group of Trees	12° 57' 03.710" N	074° 53' 03.938" E	351	WITHIN T.S.	341	10	1351
31	VOML_8151	Mobile Road Traffic (Road Elev.=94.88 m + 5m Mobile Traffic)	12° 57' 05.364" N	074° 53' 04.040" E	328	WITHIN T.S.	321	7	1304
32	VOML_9080	Sign Board	12° 57' 11.831" N	074° 53' 01.388" E	311	WITHIN RWY STRIP	309	2	1172
33	VOML_9078	Sign Board	12° 57' 11.142" N	074° 53' 06.071" E	311	WITHIN RWY STRIP	309	2	1118
34	VOML_8152	Mobile Road Traffic (Road Elev.=97.32 m + 5m Mobile Traffic)	12° 57' 07.761" N	074° 53' 09.461" E	336	WITHIN T.S.	331	5	1171
35	VOML_9232	RVR Antenna Top	12° 57' 12.859" N	074° 53' 12.835" E	312	WITHIN RWY STRIP	309	3	990
36	VOML_9081	Sign Board	12° 57' 17.042" N	074° 53' 10.004" E	310	WITHIN RWY STRIP	309	2	903
37	VOML_9225	Sign Board	12° 57' 16.342" N	074° 53' 14.684" E	311	WITHIN RWY STRIP	309	2	871
38	VOML_9177	Gate - 06	12° 57' 14.645" N	074° 53' 15.099" E	313	WITHIN RWY STRIP	309	4	917
39	VOML_8149	Airport Boundary Wall With Fencing on Top	12° 57' 14.629" N	074° 53' 14.825" E	316	WITHIN RWY STRIP	309	7	920
40	VOML_9084	Bird Scarer Hut	12° 57' 14.555" N	074° 53' 14.529" E	317	WITHIN RWY STRIP	309	8	925
41	VOML_8100	Mobile Road Traffic (Road Elev.=94.37 m + 5m Mobile Traffic)	12° 57' 14.437" N	074° 53' 14.253" E	326	WITHIN RWY STRIP	309	17	931
42	VOML_9089	Spot Elevation	12° 57' 14.428" N	074° 53' 13.973" E	312	WITHIN RWY STRIP	309	3	933
43	VOML_9252	Sign Board	12° 57' 14.204" N	074° 53' 14.624" E	314	WITHIN RWY STRIP	309	5	934
44	VOML_8150	Airport Boundary Wall With Fencing on Top	12° 57' 12.305" N	074° 53' 15.867" E	325	WITHIN T.S.	323	2	981
45	VOML_9095	Watch Tower	12° 57' 11.776" N	074° 53' 16.149" E	335	WITHIN T.S.	332	4	995
46	VOML_6165	Group of Trees (Reduced)	12° 57' 17.076" N	074° 53' 19.618" E	316	WITHIN RWY STRIP	311	5	817
47	VOML_6164	Group of Trees	12° 57' 17.334" N	074° 53' 20.061" E	325	WITHIN RWY STRIP	312	13	807
48	VOML_9228	Sign Board	12° 57' 22.228" N	074° 53' 18.628" E	314	WITHIN RWY STRIP	312	2	666
49	VOML_5094	ATC Tower, Lightning Arrester Top - 130.39 m, Obstruction Light Top - 127.89 m, Obstruction Light Top - 127.87 m, Antenna Top - 126.90 m, Antenna Top - 126.90 m, ATC Tower Top - 124.93 m.	12° 57' 31.979" N	074° 53' 14.884" E	428	WITHIN T.S.	417	11	432
50	VOML_9178	Landing-T Top	12° 57' 27.169" N	074° 53' 21.798" E	317	WITHIN RWY STRIP	316	1	501
51	VOML_9057	Sign Board	12° 57' 23.944" N	074° 53' 21.907" E	316	WITHIN RWY STRIP	314	2	600
52	VOML_9224	Sign Board	12° 57' 21.544" N	074° 53' 23.294" E	316	WITHIN RWY STRIP	314	2	672
53	VOML_6161	Group of Trees	12° 57' 18.487" N	074° 53' 21.517" E	338	WITHIN RWY STRIP	313	26	768
54	VOML_6160	Group of Trees	12° 57' 18.570" N	074° 53' 21.938" E	351	WITHIN RWY STRIP	313	39	764
55	VOML_6159	Group of Trees	12° 57' 19.107" N	074° 53' 22.509" E	339	WITHIN RWY STRIP	313	26	747
56	VOML_6158	Group of Trees	12° 57' 18.669" N	074° 53' 22.860" E	344	WITHIN RWY STRIP	313	31	760
57	VOML_6332	Group of Trees	12° 57' 19.051" N	074° 53' 23.836" E	337	WITHIN RWY STRIP	314	24	749
58	VOML_6331	Group of Trees	12° 57' 19.104" N	074° 53' 23.468" E	334	WITHIN RWY STRIP	314	21	747
59	VOML_6330	Group of Trees	12° 57' 19.489" N	074° 53' 23.166" E	331	WITHIN RWY STRIP	314	18	735
60	VOML_8108	Airport Boundary Wall with Fencing on Top	12° 57' 19.729" N	074° 53' 23.075" E	316	WITHIN RWY STRIP	314	2	728
61	VOML_8081	Airport Boundary Wall with Fencing on Top	12° 57' 20.269" N	074° 53' 24.012" E	320	WITHIN RWY STRIP	314	6	712
62	VOML_9132	Gate	12° 57' 20.349" N	074° 53' 24.114" E	320	WITHIN RWY STRIP	314	6	709
63	VOML_7362	Electric Pole	12° 57' 19.647" N	074° 53' 24.574" E	321	WITHIN RWY STRIP	314	7	731
64	VOML_8140	Airport Boundary Wall with Fencing on Top	12° 57' 20.572" N	074° 53' 24.542" E	323	WITHIN RWY STRIP	314	9	703
65	VOML_9118	Sign Board	12° 57' 21.061" N	074° 53' 25.081" E	318	WITHIN RWY STRIP	315	3	689
66	VOML_8101	Mobile Road Traffic (Road Elev.=95.59 m + 5m Mobile Traffic)	12° 57' 21.340" N	074° 53' 25.427" E	330	WITHIN RWY STRIP	316	14	682
67	VOML_6035	Group of Trees	12° 57' 21.053" N	074° 53' 25.600" E	345	WITHIN RWY STRIP	316	30	691
68	VOML_6036	Tree	12° 57' 21.023" N	074° 53' 25.837" E	355	WITHIN RWY STRIP	316	39	693
69	VOML_6333	Group of Trees	12° 57' 21.110" N	074° 53' 25.864" E	356	WITHIN RWY STRIP	316	41	690
70	VOML_8082	Airport Boundary Wall with Fencing on Top	12° 57' 21.464" N	074° 53' 26.049" E	326	WITHIN RWY STRIP	316	10	680
71	VOML_5023	Building Top	12° 57' 21.150" N	074° 53' 26.329" E	328	WITHIN RWY STRIP	316	12	691
72	VOML_6037	Group of Trees	12° 57' 20.925" N	074° 53' 26.219" E	349	WITHIN RWY STRIP	316	33	697
73	VOML_6038	Tree	12° 57' 21.074" N	074° 53' 26.920" E	363	WITHIN RWY STRIP	316	47	695
74	VOML_6039	Group of Trees	12° 57' 21.468" N	074° 53' 26.612" E	352	WITHIN RWY STRIP	316	36	682
75	VOML_5012	Building Top	12° 57' 21.612" N	074° 53' 27.213" E	328	WITHIN RWY STRIP	316	12	681
76	VOML_6040	Group of Trees	12° 57' 22.075" N	074° 53' 27.506" E	365	WITHIN RWY STRIP	317	49	668
77	VOML_6046	Group of Trees	12° 57' 22.283" N	074° 53' 27.602" E	352	WITHIN RWY STRIP	317	36	663
78	VOML_5135	Building Top	12° 57' 22.063" N	074° 53' 28.394" E	333	WITHIN RWY STRIP	317	16	674
79	VOML_6041	Group of Trees	12° 57' 22.388" N	074° 53' 28.379" E	384	WITHIN RWY STRIP	317	67	665
80	VOML_6045	Group of Trees	12° 57' 22.750" N	074° 53' 28.304" E	362	WITHIN RWY STRIP	317	45	653
81	VOML_5011	Building Top	12° 57' 22.764" N	074° 53' 28.641" E	335	WITHIN RWY STRIP	317	18	655
82	VOML_6042	Group of Trees	12° 57' 22.865" N	074° 53' 28.888" E	379	WITHIN RWY STRIP	317	62	654
83	VOML_5010	Hut	12° 57' 22.984" N	074° 53' 28.882" E	327	WITHIN RWY STRIP	317	10	651
84	VOML_6300	Mango Tree	12° 57' 23.166" N	074° 53' 29.005" E	370	WITHIN RWY STRIP	317	53	646
85	VOML_6299	Coconut Tree	12° 57' 22.402" N	074° 53' 30.468" E	372	WITHIN RWY STRIP	317	55	682
86	VOML_5009	Building Top	12° 57' 22.828" N	074° 53' 30.137" E	334	WITHIN RWY STRIP	317	17	666
87	VOML_5134	Building, Sintex Tank Top - 102.72 m, Building Top - 101.22 m.	12° 57' 23.107" N	074° 53' 29.714" E	337	WITHIN RWY STRIP	317	20	654
88	VOML_8083	Airport Boundary Wall with Fencing on Top	12° 57' 23.413" N	074° 53' 29.211" E	327	WITHIN RWY STRIP	317	10	641
89	VOML_9134	Security Hut	12° 57' 23.474" N	074° 53' 29.166" E	327	WITHIN RWY STRIP	317	10	638
90	VOML_6044	Group of Trees	12° 57' 23.552" N	074° 53' 29.145" E	363	WITHIN RWY STRIP	317	46	636
91	VOML_8102	Mobile Road Traffic (Road Elev.=97.08 m + 5m Mobile Traffic)	12° 57' 23.712" N	074° 53' 29.221" E	335	WITHIN RWY STRIP	317	18	632
92	VOML_9052	Sign Board	12° 57' 27.634" N	074° 53' 28.120" E	320	WITHIN RWY STRIP	317	2	507
93	VOML_9227	Sign Board	12° 57' 27.417" N	074° 53' 27.233" E	320	WITHIN RWY STRIP	317	3	506
94	VOML_9200	Sign Board	12° 57' 29.104" N	074° 53' 26.474" E	322	WITHIN RWY STRIP	317	5	451
95	VOML_9053	Sign Board	12° 57' 29.074" N	074° 53' 26.337" E	323	WITHIN RWY STRIP	317	6	451
96	VOML_9055	Sign Board	12° 57' 28.893" N	074° 53' 24.468" E	323	WITHIN RWY STRIP	317	6	448
97	VOML_9054	Sign Board	12° 57' 29.103" N	074° 53' 24.442" E	323	WITHIN RWY STRIP	317	6	441
98	VOML_9051	Sign Board	12° 57' 32.571" N	074° 53' 29.000" E	325	WITHIN T.S.	323	2	376
99	VOML_9223	Sign Board	12° 57' 26.736" N	074° 53' 31.909" E	320	WITHIN RWY STRIP	317	2	575
100	VOML_8137	Airport Boundary Wall with Fencing Top	12° 57' 24.849" N	074° 53' 31.564" E	326	WITHIN RWY STRIP	318	8	623
101	VOML_6281	Group of Trees	12° 57' 24.555" N	074° 53' 31.640" E	358	WITHIN RWY STRIP	318	41	633
102	VOML_6120	Group of Trees	12° 57' 24.735" N	074° 53' 31.765" E	354	WITHIN RWY STRIP	318	36	629
103	VOML_6298	Group of Trees	12° 57' 24.860" N	074° 53' 32.006" E	347	WITHIN RWY STRIP	318	30	629
104	VOML_6121	Group of Trees	12° 57' 25.014" N	074° 53' 32.091" E	338	WITHIN RWY STRIP	318	21	625
105	VOML_6122	Group of Trees	12° 57' 25.361" N	074° 53' 32.592" E	346	WITHIN RWY STRIP	317	29	622
106	VOML_9133	Bird Watcher Hut	12° 57' 25.542" N	074° 53' 32.737" E	325	WITHIN RWY STRIP	317	8	619
107	VOML_8103	Mobile Road Traffic (Road Elev.=97.03 m + 5m Mobile Traffic)	12° 57' 25.762" N	074° 53' 32.797" E	335	WITHIN RWY STRIP	317	17	614
108	VOML_6123	Group of Trees	12° 57' 25.332" N	074° 53' 32.840" E	350	WITHIN RWY STRIP	317	32	627
109	VOML_6124	Group of Trees	12° 57' 25.536" N	074° 53' 33.183" E	341	WITHIN RWY STRIP	317	24	626
110	VOML_6125	Group of Trees (Reduced)	12° 57' 25.836" N	074° 53' 33.371" E	334	WITHIN RWY STRIP	317	17	621
111	VOML_6280	Group of Trees	12° 57' 26.116" N	074° 53' 33.796" E	331	WITHIN RWY STRIP	317	13	620
112	VOML_6126	Group of Trees	12° 57' 26.451" N	074° 53' 34.765" E	346	WITHIN RWY STRIP	317	29	627
113	VOML_6128	Group of Trees	12° 57' 26.583" N	074° 53' 34.991" E	348	WITHIN RWY STRIP	316	31	627
114	VOML_6127	Group of Trees	12° 57' 26.396" N	074° 53' 35.112" E	351	WITHIN RWY STRIP	316	35	634

SR.NO	UUID	OBJECTS	LATITUDE	LONGITUDE	TOP ELEV. IN FEET	SURFACE	PERMITTED ELEV. IN FEET	INFRINGEMENT IN FEET	DISTANCE FROM ARP IN METER
115	VOML_6279	Group of Trees	12° 57' 26.196" N	074° 53' 35.624" E	353	WITHIN RWY STRIP	316	37	648
116	VOML_6278	Group of Trees	12° 57' 26.832" N	074° 53' 35.330" E	337	WITHIN RWY STRIP	316	20	627
117	VOML_8136	Airport Boundary Wall with Fencing Top	12° 57' 26.855" N	074° 53' 35.077" E	323	WITHIN RWY STRIP	316	7	622
118	VOML_9176	Sign Board	12° 57' 27.343" N	074° 53' 35.932" E	317	WITHIN RWY STRIP	316	1	625
119	VOML_6277	Group of Trees	12° 57' 27.079" N	074° 53' 35.974" E	356	WITHIN RWY STRIP	316	40	632
120	VOML_6276	Group of Trees	12° 57' 27.225" N	074° 53' 36.621" E	358	WITHIN RWY STRIP	316	42	641
121	VOML_8084	Airport Boundary Wall with Fencing on Top	12° 57' 27.629" N	074° 53' 36.718" E	319	WITHIN RWY STRIP	315	4	633
122	VOML_6129	Group of Trees	12° 57' 28.726" N	074° 53' 38.517" E	356	WITHIN RWY STRIP	315	42	645
123	VOML_6271	Group of Trees	12° 57' 28.613" N	074° 53' 38.889" E	369	WITHIN RWY STRIP	315	54	655
124	VOML_9179	PAPI	12° 57' 30.527" N	074° 53' 37.682" E	316	WITHIN RWY STRIP	315	1	589
125	VOML_9226	Sign Board	12° 57' 32.613" N	074° 53' 35.836" E	316	WITHIN RWY STRIP	315	1	505
126	VOML_9041	Wind Sock, Obstruction Light Top - 103.29 m, Wind Sock Top - 102.93 m.	12° 57' 33.517" N	074° 53' 33.816" E	339	WITHIN RWY STRIP	315	24	441
127	VOML_7241	MET Antenna, Wind Speed Indicator - 103.48 m, Wind Direction Indicator - 103.43 m, Antenna Top - 103.25 m.	12° 57' 33.856" N	074° 53' 33.643" E	340	WITHIN RWY STRIP	315	24	430
128	VOML_9044	Transmissometer	12° 57' 33.910" N	074° 53' 33.620" E	326	WITHIN RWY STRIP	315	11	428
129	VOML_9043	Transmissometer	12° 57' 33.401" N	074° 53' 32.759" E	326	WITHIN RWY STRIP	316	10	421
130	VOML_7240	Lightning Arrester Top	12° 57' 33.801" N	074° 53' 33.108" E	349	WITHIN RWY STRIP	315	33	419
131	VOML_7307	MET Antenna, Lightning Arrester Top - 103.32 m, Antenna Top - 102.48 m.	12° 57' 33.967" N	074° 53' 33.266" E	339	WITHIN RWY STRIP	315	24	419
132	VOML_7368	MET Antenna Top	12° 57' 34.045" N	074° 53' 33.587" E	323	WITHIN RWY STRIP	315	8	425
133	VOML_9045	Bird Watcher Hut	12° 57' 34.905" N	074° 53' 34.241" E	325	WITHIN RWY STRIP	315	10	423
134	VOML_5095	GP Hut, Antenna Top - 101.51 m, Hut Top - 99.75 m.	12° 57' 35.162" N	074° 53' 34.670" E	333	WITHIN RWY STRIP	315	18	428
135	VOML_4005	GP DME Antenna Top	12° 57' 35.086" N	074° 53' 34.857" E	331	WITHIN RWY STRIP	315	16	434
136	VOML_4004	GP Antenna, Lightning Arrester Top - 112.20 m, GP Antenna Top - 110.89 m	12° 57' 34.967" N	074° 53' 34.912" E	368	WITHIN RWY STRIP	315	53	437
137	VOML_4006	GP Monitor Antenna Top	12° 57' 36.155" N	074° 53' 36.921" E	331	WITHIN RWY STRIP	314	18	469
138	VOML_9207	Sign Board	12° 57' 36.131" N	074° 53' 41.364" E	313	WITHIN RWY STRIP	312	1	591
139	VOML_9202	Sign Board	12° 57' 39.551" N	074° 53' 43.400" E	312	WITHIN RWY STRIP	310	2	619
140	VOML_9201	Sign Board	12° 57' 39.575" N	074° 53' 43.508" E	311	WITHIN RWY STRIP	310	1	622
141	VOML_9033	Sign Board	12° 57' 39.547" N	074° 53' 43.538" E	312	WITHIN RWY STRIP	310	2	623
142	VOML_9220	Electrical Junction Box	12° 57' 35.565" N	074° 53' 45.948" E	312	WITHIN RWY STRIP	310	2	726
143	VOML_9219	Electrical Junction Box	12° 57' 35.546" N	074° 53' 45.964" E	312	WITHIN RWY STRIP	310	3	726
144	VOML_9222	Sign Board	12° 57' 31.935" N	074° 53' 40.519" E	315	WITHIN RWY STRIP	313	2	629
145	VOML_8139	Safety Sheet Boundary Wall with Fencing on Top	12° 57' 29.974" N	074° 53' 40.444" E	315	WITHIN RWY STRIP	314	1	663
146	VOML_6273	Group of Trees	12° 57' 29.182" N	074° 53' 40.017" E	356	WITHIN RWY STRIP	314	42	669
147	VOML_6272	Group of Coconut Trees	12° 57' 28.377" N	074° 53' 40.588" E	368	WITHIN RWY STRIP	314	54	698
148	VOML_6274	Group of Trees	12° 57' 28.856" N	074° 53' 41.176" E	359	WITHIN RWY STRIP	314	46	702
149	VOML_6156	Group of Trees	12° 57' 28.933" N	074° 53' 41.701" E	358	WITHIN T.S.	315	44	713
150	VOML_6155	Group of Trees	12° 57' 29.269" N	074° 53' 42.521" E	361	WITHIN T.S.	316	45	726
151	VOML_8138	Safety Sheet Boundary Wall with Fencing on Top	12° 57' 30.982" N	074° 53' 42.308" E	314	WITHIN RWY STRIP	313	1	690
152	VOML_6296	Group of Trees	12° 57' 31.828" N	074° 53' 44.246" E	351	WITHIN RWY STRIP	312	39	726
153	VOML_6154	Group of Trees	12° 57' 32.132" N	074° 53' 44.428" E	341	WITHIN RWY STRIP	311	30	727
154	VOML_5019	Building Top	12° 57' 31.979" N	074° 53' 44.450" E	316	WITHIN RWY STRIP	311	5	730
155	VOML_6153	Group of Trees	12° 57' 31.570" N	074° 53' 44.696" E	352	WITHIN RWY STRIP	311	41	742
156	VOML_6275	Coconut Tree	12° 57' 30.819" N	074° 53' 45.540" E	359	WITHIN T.S.	318	41	776
157	VOML_6294	Group of Trees	12° 57' 30.033" N	074° 53' 46.035" E	359	WITHIN T.S.	331	27	801
158	VOML_6295	Group of Trees	12° 57' 29.424" N	074° 53' 46.688" E	364	WITHIN T.S.	343	20	827
159	VOML_6291	Group of Trees	12° 57' 29.422" N	074° 53' 46.694" E	364	WITHIN T.S.	343	20	827
160	VOML_6292	Group of Trees	12° 57' 31.003" N	074° 53' 46.016" E	355	WITHIN T.S.	319	36	785
161	VOML_6152	Group of Trees	12° 57' 32.392" N	074° 53' 44.898" E	333	WITHIN RWY STRIP	311	21	736
162	VOML_6151	Group of Trees	12° 57' 31.984" N	074° 53' 45.385" E	353	WITHIN RWY STRIP	311	41	754
163	VOML_6131	Group of Trees	12° 57' 31.978" N	074° 53' 45.621" E	352	WITHIN RWY STRIP	311	42	761
164	VOML_6150	Group of Trees	12° 57' 32.146" N	074° 53' 45.769" E	343	WITHIN RWY STRIP	311	33	762
165	VOML_6334	Group of Trees	12° 57' 32.137" N	074° 53' 46.171" E	338	WITHIN RWY STRIP	311	28	773
166	VOML_6134	Group of Trees	12° 57' 32.073" N	074° 53' 46.474" E	332	WITHIN RWY STRIP	311	22	782
167	VOML_6149	Group of Trees	12° 57' 33.046" N	074° 53' 46.158" E	329	WITHIN RWY STRIP	310	19	761
168	VOML_6133	Group of Trees	12° 57' 32.994" N	074° 53' 46.897" E	336	WITHIN RWY STRIP	310	26	782
169	VOML_6132	Group of Trees	12° 57' 33.510" N	074° 53' 47.000" E	331	WITHIN RWY STRIP	310	22	778
170	VOML_6135	Group of Trees	12° 57' 31.806" N	074° 53' 47.012" E	351	WITHIN T.S.	316	36	800
171	VOML_6290	Group of Trees	12° 57' 31.602" N	074° 53' 47.570" E	353	WITHIN T.S.	322	31	818
172	VOML_6136	Group of Trees	12° 57' 31.776" N	074° 53' 48.535" E	347	WITHIN T.S.	327	20	842
173	VOML_6137	Group of Trees	12° 57' 31.381" N	074° 53' 49.781" E	349	WITHIN T.S.	341	8	881
174	VOML_6282	Group of Trees	12° 57' 34.085" N	074° 53' 51.503" E	340	WITHIN T.S.	321	19	899
175	VOML_6283	Group of Trees	12° 57' 34.931" N	074° 53' 50.524" E	315	WITHIN APP. FUNNEL	313	2	863
176	VOML_6139	Group of Trees	12° 57' 35.388" N	074° 53' 50.905" E	330	WITHIN APP. FUNNEL	315	15	870
177	VOML_6138	Group of Trees (Reduced)	12° 57' 35.661" N	074° 53' 51.276" E	330	WITHIN APP. FUNNEL	316	14	878
178	VOML_6099	Tree	12° 57' 45.644" N	074° 53' 47.468" E	342	WITHIN T.S.	339	3	733
179	VOML_6269	Group of Trees	12° 57' 45.634" N	074° 53' 48.475" E	339	WITHIN T.S.	331	8	764
180	VOML_6270	Group of Trees	12° 57' 45.989" N	074° 53' 50.143" E	336	WITHIN APP. FUNNEL	324	11	815
181	VOML_7138	Electric Pole	12° 58' 24.546" N	074° 55' 43.372" E	466	WITHIN APP. FUNNEL	568	0	4407
182	VOML_6243	Group of Trees	12° 58' 21.982" N	074° 55' 44.950" E	467	WITHIN APP. FUNNEL	568	0	4431
183	VOML_6176	Group of Trees	12° 58' 21.774" N	074° 55' 45.654" E	473	WITHIN I.H.S.	465	8	4450
184	VOML_7140	Electric Pole	12° 58' 25.264" N	074° 55' 46.302" E	468	WITHIN APP. FUNNEL	575	0	4498
185	VOML_7141	Electric Pole	12° 58' 24.515" N	074° 55' 47.669" E	473	WITHIN APP. FUNNEL	577	0	4531
186	VOML_6244	Tree	12° 58' 24.411" N	074° 55' 48.081" E	476	WITHIN APP. FUNNEL	578	0	4542
187	VOML_7142	ELECTRIC POLE	12° 58' 23.572" N	074° 55' 48.567" E	481	WITHIN APP. FUNNEL	577	0	4549
188	VOML_5073	Water Tank	12° 58' 23.747" N	074° 55' 48.713" E	474	WITHIN APP. FUNNEL	578	0	4555
189	VOML_7143	Electric Pole	12° 58' 24.186" N	074° 55' 49.170" E	471	WITHIN APP. FUNNEL	580	0	4572
190	VOML_7146	ELECTRIC POLE	12° 58' 23.680" N	074° 55' 49.223" E	476	WITHIN C.S.	466	10	4569
191	VOML_6175	Group of Trees	12° 58' 22.237" N	074° 55' 47.727" E	470	WITHIN I.H.S.	465	5	4514
192	VOML_7327	Electric Pole	12° 58' 22.179" N	074° 55' 48.375" E	467	WITHIN I.H.S.	465	2	4532
193	VOML_7328	Electric Pole	12° 58' 22.222" N	074° 55' 48.686" E	469	WITHIN I.H.S.	465	4	4541
194	VOML_6241	GROUP OF TREE	12° 58' 21.536" N	074° 55' 48.451" E	489	WITHIN I.H.S.	465	24	4529
195	VOML_6258	Group of Trees	12° 58' 20.339" N	074° 55' 49.224" E	486	WITHIN I.H.S.	465	20	4542
196	VOML_6242	GROUP OF TREE	12° 58' 21.542" N	074° 55' 48.926" E	494	WITHIN I.H.S.	465	29	4543
197	VOML_6245	Group of Trees	12° 58' 21.276" N	074° 55' 49.853" E	482	WITHIN I.H.S.	465	17	4568
198	VOML_6247	Group of Trees	12° 58' 22.053" N	074° 55' 49.594" E	479	WITHIN I.H.S.	465	14	4566
199	VOML_7329	Electric Pole	12° 58' 22.404" N	074° 55' 49.613" E	470	WITHIN C.S.	466	5	4570
200	VOML_7147	ELECTRIC POLE	12° 58' 23.487" N	074° 55' 49.771" E	475	WITHIN C.S.	468	7	4583
201	VOML_6255	Mango Tree	12° 58' 23.673" N	074° 55' 50.073" E	472	WITHIN C.S.	470	3	4593
202	VOML_7350	ELECTRIC POLE	12° 58' 23.319" N	074° 55' 50.697" E	474	WITHIN C.S.	472	2	4609
203	VOML_7351	Electric Transformer	12° 58' 23.344" N	074° 55' 50.997" E	474	WITHIN C.S.	473	1	4618
204	VOML_5054	Building, Obstruction Light Top - 146.97 m, Pillar Top - 145.28 m, Building Top - 144.63 m.	12° 58' 23.591" N	074° 55' 51.385" E	482	WITHIN C.S.	476	7	4631
205	VOML_6256	Group of Trees	12° 58' 21.935" N	074° 55' 51.677" E	482	WITHIN C.S.	474	8	4626
206	VOML_6257	Group of Trees	12° 58' 22.306" N	074° 55' 53.100" E	486	WITHIN C.S.	482	4	4670
207	VOML_5141	Ganesh Tiles Work, Chimney	12° 57' 51.830" N	074° 56' 01.787" E	490	WITHIN C.S.	488	2	4784
208	VOML_5158	SINTEX ON BUILDING (BUILDIG TOP 140.7M)	12° 57' 48.545" N	074° 55' 55.945" E	467	WITHIN I.H.S.	465	2	4604
209	VOML_5157	BUILDING	12° 57' 48.106" N	074° 55' 48.795" E	473	WITHIN I.H.S.	465	8	4388
210	VOML_5033	Building, Lightning Arrester Top - 148.98 m, Sintex Tank Top - 147.81 m, Staircase Room Top - 146.00 m, Building Top - 143.61 m.	12° 57' 41.942" N	074° 56' 01.913" E	489	WITHIN C.S.	485	4	4781
211	VOML_7318	Cellphone Mast(Vi) Top	12° 57' 42.438" N	074° 56' 03.093" E	516	WITHIN C.S.	491	25	4816
212	VOML_5064	Boat Flat, Shed Top - 156.35 m, Design Top - 154.39 m, Building Top - 152.11 m.	12° 57' 40.713" N	074° 56' 06.853" E	513	WITHIN C.S.	509	4	4930
213	VOML_6231	Coconut Tree	12° 57' 24.772" N	074° 55' 46.028" E	472	WITHIN I.H.S.	465	7	4340
214	VOML_6230	Coconut Tree	12° 57' 24.445" N	074° 55' 45.846" E	472	WITHIN I.H.S.	465	7	4336
215	VOML_6229	Coconut Tree	12° 57' 24.875" N	074° 55' 45.766" E	484	WITHIN I.H.S.	465	19	4332
216	VOML_6237	Coconut Tree	12° 57' 25.173" N	074° 55' 45.726" E	478	WITHIN I.H.S.	465	12	4330
217	VOML_7047	Cellphone Mast(Airtel), Lightning Arrester Top - 168.73 m, Cellphone Mast Top - 167.20 m. (Reduced)	12° 57' 27.051" N	074° 55' 44.958" E	553	WITHIN I.H.S.	465	88	4299
218	VOML_6232	Coconut Tree	12° 57' 26.512" N	074° 55' 44.246" E	483	WITHIN I.H.S.	465	18	4280
219	VOML_6233	Tree	12° 57' 25.520" N	074° 55' 43.886" E	467	WITHIN I.H.S.	465	1	4273
220	VOML_6235	GROUP OF TREE	12° 57' 26.001" N	074° 55' 43.554" E	474	WITHIN I.H.S.	465	9	4261
221	VOML_6239	Group of Trees	12° 57' 27.760" N	074° 55' 44.179" E	500	WITHIN I.H.S.	465	34	4274
222	VOML_6234	Group of Coconut Trees	12° 57' 27.543" N	074° 55' 42.710" E	489	WITHIN I.H.S.	465	24	4230
223	VOML_6236	Group of Trees	12° 57' 28.704" N	074° 55' 42.019" E	490	WITHIN I.H.S.	465	25	4206
224	VOML_5130	Our Lady Of Pompei Church, Lightning Arrester Top - 147.07 m, Cross Top - 145.94 m, Chruch Top - 142.95.	12° 57' 29.764" N	074° 55' 40.095" E	483	WITHIN I.H.S.	465	17	4145
225	VOML_6259	Group of Trees	12° 57' 28.439" N	074° 55' 40.212" E	481	WITHIN I.H.S.	465	16	4153
226	VOML_6260	Group of Trees	12° 57' 27.688" N	074° 55' 40.190" E	470	WITHIN I.H.S.	465	5	4155
227	VOML_7185	Doordarshan Tower	12° 55' 23.131" N	074° 54' 02.698" E	571	WITHIN I.H.S.	465	106	4471
228	VOML_7100	Pylon Mast	12° 55' 34.461" N	074° 53' 25.244" E	470	WITHIN I.H.S.	465	5	3962

LEGEND

AERODROME REFERENCE POINT LAT - 12° 57' 43.4226" N LONG - 074° 53' 23.2281" E ELEV. 102.4 m/336 ft. (ORTHOMETRIC)	✛
ROAD	
CANAL	
CONTOUR	
RAILWAY TRACK	
ELECTRIC LINE	
H.T.LINE	
WATER BODIES	
BUILT-UP AREA	

ORDER OF ACCURACY	
TAKE-OFF AND APPROACH AREAS	
HORIZONTAL	REMARK
5M	AT POINT OF ORIGIN INCREASING AT A RATE OF 1 PER 500.
VERTICAL	REMARK
0.5M	IN THE FIRST 300M AND INCREASING AT A RATE OF 1 PER 1000.
OTHER AREAS	
HORIZONTAL	REMARK
5M	WITHIN 5000M OF THE ARP AND 12M BEYOND THAT AREA
VERTICAL	REMARK
1M	WITHIN 1500M OF THE ARP INCREASING AT A RATE OF 1PER 1000.

SCALE = 1:20000

500 0 500 1,000 1,500 2,000 Metres
2,500 0 2,500 5,000 7,500 10,000 Feet

PROJECT	SURVEY OF MANGALURU INTERNATIONAL AIRPORT
TITLE	TYPE B
SURVEYED BY	GEOID SURVEY TEAM

NOTE :
1. OBSTACLES SHOWN ARE THOSE WHICH PENETRATE THE SURFACES SPECIFIED IN ANNEX 14,VOL-1,CHAPTER-4 & GSR.
2. TORA FOR RWY 06 IS 2330 M.
TORA FOR RWY 24 IS 2330 M.
3. ALL OBSTACLES ARE SHOWN IN THE CHART BASED ON AERONAUTICAL SURVEY SEPTEMBER 2024.
4. TOPOGRAPHIC FEATURES SOURCE- SRTM.

DRG.NO.: RITES/MANGALURU/TYPE-B/2024(CARTO)

INSTRUMENTS USED:

DGPS TRIMBLE R12T
DGPS PENTAX G6 Ni
TOTAL STATION TRIMBLE C5
TOTAL STATION PENTAX W-2801 N

AMENDMENT RECORDS		
No.	DATE	REMARKS

MAP REF : QA/MLR/TYPE B/2024/IN 1/3
DATE OF ISSUE : 03.10.2024
SUPERSEDES DATE : 19.03.2024