

OBSTRUCTION DATA SHEET

**ODS 5082
MOUNT WASHINGTON REGIONAL AIRPORT
WHITEFIELD, NEW HAMPSHIRE**

DIGITIZED FROM

**OC 5082
SURVEYED SEPTEMBER 1989
1ST EDITION**



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OBSTRUCTION DATA SHEET

The Obstruction Data Sheet (ODS) provides digital obstruction and runway data for use in aircraft arrival and departure planning. This information has been obtained using field survey and photogrammetric methods by the Photogrammetry Branch of the National Ocean Service in accordance with Federal Aviation Regulations Part 77 (FAR-77), "Objects Affecting Navigable Airspace" and FAA Nr. 405, "Specifications - Airport Obstruction Chart and Related Products."

The ODS is a derivative of the Airport Obstruction Chart (OC). The source OC is indicated on the ODS cover. All objects, both obstructing and nonobstructing, that carry an elevation on the OC are listed in the ODS. The ODS (and OC) depict a representation of objects that existed at the time of the OC field survey.

ODS information is arranged as follows:

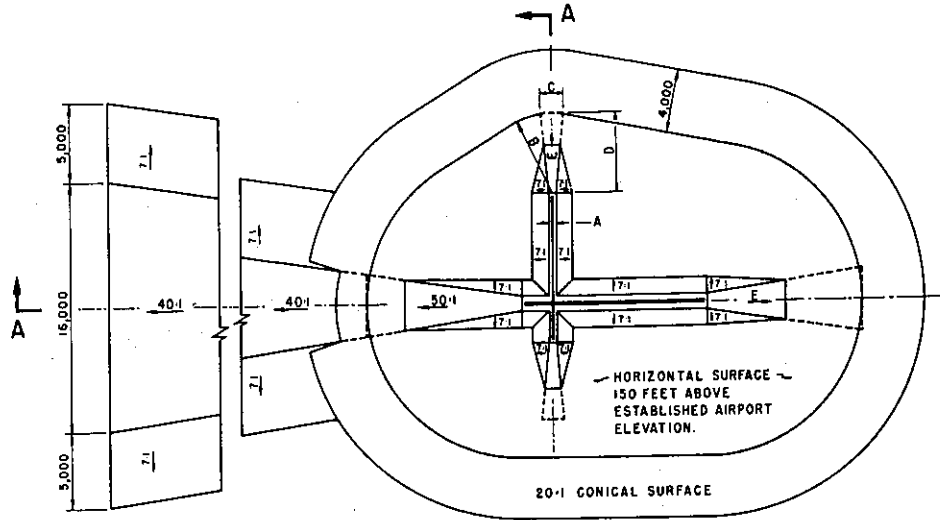
1. Objects located in FAR-77 approach (including supplemental approaches if present) or primary areas are listed with the associated runway (reference runway). For example, all objects in the Runway 9R approach or primary are listed with Runway 9R. Distances to these objects are computed from both the physical end and threshold of Runway 9R. Objects in the Runway 27L approach or primary are listed with Runway 27L. (Objects in the common 9R/27L primary area are listed with both runways.)
2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).
3. Runway configuration and runway lengths, widths, and elevations are presented on the ODS last page.

The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows (see footnote 2 on page 3):

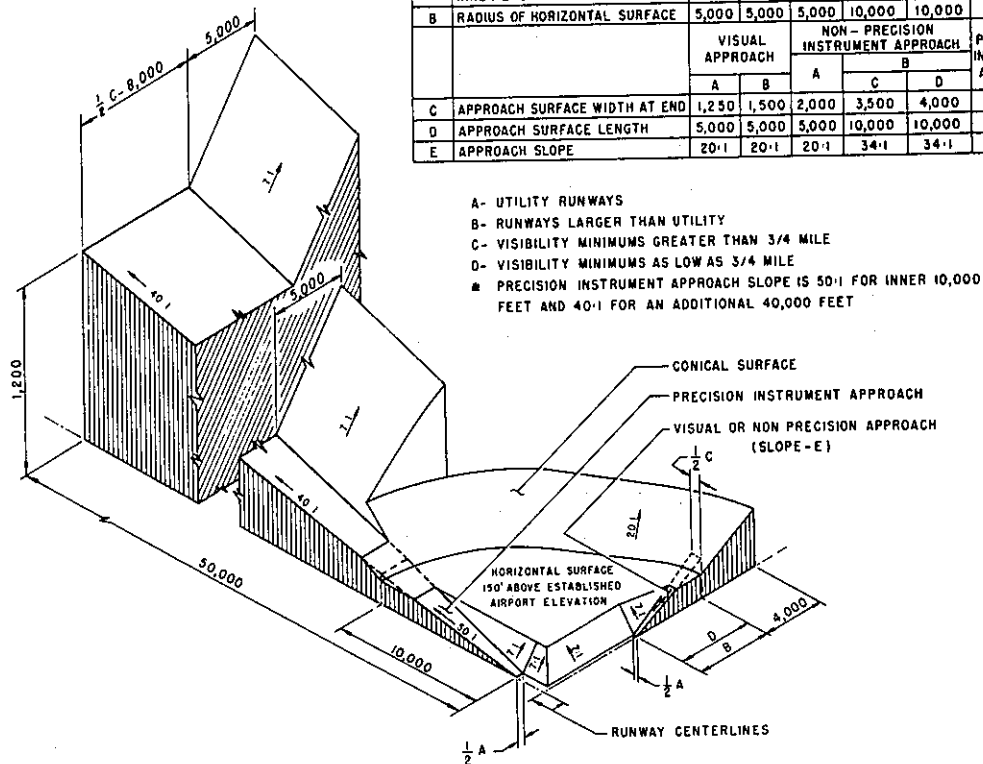
A(V) Utility runway - visual approach only
 A(NP) Utility runway - nonprecision instrument approach
 B(V) Nonutility runway - visual approach only
 C Nonutility runway - nonprecision instrument approach with
 visibility minimums greater than 3/4 mile
 D Nonutility runway - nonprecision instrument approach with
 visibility minimums as low as 3/4 mile
 PIR Precision instrument runway
 SUPLC ... Supplemental C underlying a B(V)

FAR-77 imaginary surface dimensions are defined on page 2 of this report.

Primary surface width is determined by the widest approach at the two approach/primary interfaces for that runway.



DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY		PRECISION INSTRUMENT RUNWAY	
		A	B	A	B		
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000	1,000
B	RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000	10,000
		VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH		PRECISION INSTRUMENT APPROACH	
		A	B	A	B		
C	APPROACH SURFACE WIDTH AT END	1,250	1,500	2,000	3,500	4,000	16,000
D	APPROACH SURFACE LENGTH	5,000	5,000	5,000	10,000	10,000	*
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	*



- A- UTILITY RUNWAYS
- B- RUNWAYS LARGER THAN UTILITY
- C- VISIBILITY MINIMUMS GREATER THAN 3/4 MILE
- D- VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
- * PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET

ISOMETRIC VIEW OF SECTION A-A

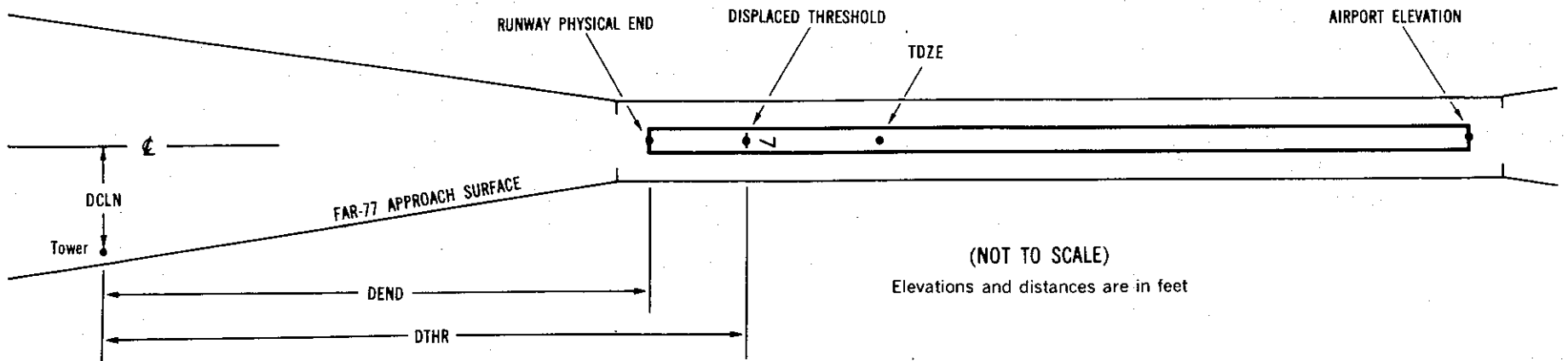
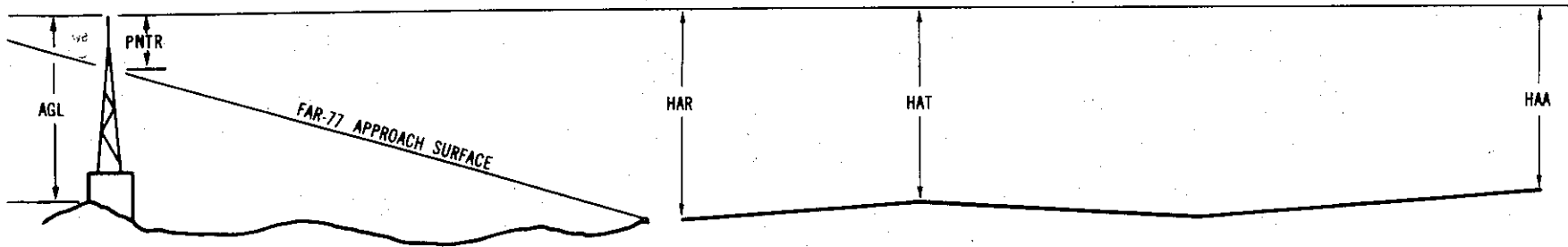
FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

	x ¹	x ²	XXXX/XXXX ³	XXXXXX.XXX ⁴	XXXXXXX.XXX ⁴	XXXXXXX ⁵	XXXX/XXXX ⁶	XXXXXX.XXX ⁷	XXXXXXX.XXX ⁷						
OBJECT				LAT	LONG	A ⁸	ELEV ⁹	AGL ¹⁰	HAR ¹¹	HAT ¹¹	HAA ¹¹	DEND ¹²	DTHR ¹²	DCLN ¹²	PNTR ¹³
XXXXXXXXXXXX				XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXXXX				XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX



EXPLANATION OF FOOTNOTES

- ¹ Data block identifier. If a runway number is entered (reference runway), this data block will contain data pertinent to the reference runway and to objects in the FAR-77 approach and primary area of the reference runway. If ARP is entered, this data block will contain the ARP position and data relative to all objects not in an FAR-77 approach or primary area.
- ² For the reference runway, the lowest FAR-77 approach surface for which an obstruction survey was performed. (More than one surface may be surveyed.)
- ³ Reference runway approach physical end elevation/touchdown zone elevation
- ⁴ Latitude and longitude of reference runway approach physical end
- ⁵ Reference runway geodetic azimuth reckoned clockwise from south
- ⁶ Reference runway displaced threshold elevation/touchdown zone elevation
- ⁷ Latitude and longitude of reference runway displaced threshold
- ⁸ Accuracy Code:
- | Horizontal | Vertical |
|------------|----------|
| 1 = 20 | A = 2 |
| 2 = 40 | B = 5 |
| | C = 20 |
- ⁹ Mean Sea Level (MSL) elevation at top of object. This value includes 15 feet added to noninterstate roads, 17 feet added to interstate roads, and 23 feet added to railroad tracks.
- ¹⁰ Height above ground level (AGL). AGLs are provided only for those objects appearing on the OC that are equal to, or greater than, 200 feet AGL. AGL accuracy is ± 10 feet.
- ¹¹ HAA - Height above airport
 HAR - Height above reference runway approach physical end
 HAT - Height above reference runway touchdown zone elevation
- ¹² DEND - Distance along reference runway centerline from point perpendicular to object to reference runway approach physical end
 DTHR - Distance along reference runway centerline from point perpendicular to object to reference runway threshold
 DCLN - Distance left (L) or right (R) of reference runway centerline as observed facing forward in a landing aircraft.
- A negative value for DEND or DTHR indicates object is in primary area on roll-out side of zero distance point.
- ¹³ PNTR - Penetration of indicated FAR-77 approach or primary surface (see footnote 2).

OC5082

AIRPORT ELEVATION 1074

10 D 1043/1066 442202.299N 07133 5.795W 2670908

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	442208.98	0713215.40	1A	1130		87	64	56	-3690		494L	56
TREE	442207.08	0713218.48	1A	1103		60	37	29	-3457		314L	53
BUSH	442200.30	0713218.13	1A	1082		39	16	8	-3448		373R	37
GROUND	442206.88	0713221.68	1A	1078		35	12	4	-3224		305L	171
BUSH	442200.92	0713221.70	1A	1081		38	15	7	-3192		298R	193
GROUND	442201.82	0713223.51	1A	1073		30	7	-1	-3066		201R	263
TREE	442207.65	0713228.10	1A	1097		54	31	23	-2762		405L	474
WINDSOCK	442202.28	0713233.98	1A	1070		27	4	-4	-2308		116R	725
TREE	442159.82	0713243.28	1A	1055		12	-11	-19	-1621		332R	9
TREE	442159.53	0713254.07	1A	1064		21	-2	-10	-837		322R	24
HANGAR	442157.61	0713259.16	1A	1070		27	4	-4	-458		498R	29
TREE	442207.47	0713303.57	1A	1078		35	12	4	-187		515L	36
GROUND	442200.27	0713306.74	1A	1046		3	-20	-28	79		202R	3
OL ON LIGHTED WINDSOCK	442205.23	0713307.20	1A	1064		21	-2	-10	87		302L	21
RAILROAD	442206.68	0713308.85	1A	1067		24	1	-7	200		454L	24
TREE	442207.26	0713310.19	1A	1096		53	30	22	294		517L	50
ROAD (N)	442156.57	0713312.94	1A	1064		21	-2	-10	547		554R	11
TREE	442156.51	0713317.45	1A	1075		32	9	1	875		543R	12
TREE	442206.91	0713324.22	1A	1105		62	39	31	1314		533L	29
TREE	442157.74	0713329.78	1A	1134		91	68	60	1763		375R	45
TREE	442159.82	0713330.86	1A	1122		79	56	48	1831		160R	31
TREE	442205.02	0713343.01	1A	1132		89	66	58	2686		409L	16
TREE	442154.35	0713344.70	1A	1190		147	124	116	2863		663R	69
TREE	442200.31	0713350.40	1A	1159		116	93	85	3247		40R	26
TREE	442154.70	0713350.57	1A	1185		142	119	111	3287		607R	51
TREE	442155.13	0713401.55	1A	1187		144	121	113	4081		523R	30
TREE	442158.26	0713403.31	1A	1171		128	105	97	4194		201R	11
TREE	442148.10	0713417.58	1A	1236		193	170	162	5280		1177R	44
TREE	442147.26	0713423.95	1A	1224		181	158	150	5747		1238R	18
TREE	442141.44	0713514.56	1A	1270		227	204	196	9449		1643R	-45

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AIRPORT ELEVATION 1074

28 SUPLC 1074/1074 442204.011N 0713217.740W 0870942

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
RAILROAD	442206.68	0713308.85	1A	1067		-7	-7	-7	-3695		454R	24
OL ON LIGHTED WINDSOCK	442205.23	0713307.20	1A	1064		-10	-10	-10	-3582		302R	21
GROUND	442200.27	0713306.74	1A	1046		-28	-28	-28	-3574		202L	3
TREE	442207.47	0713303.57	1A	1078		4	4	4	-3308		515R	36
HANGAR	442157.61	0713259.16	1A	1070		-4	-4	-4	-3037		498L	29
TREE	442159.53	0713254.07	1A	1064		-10	-10	-10	-2658		322L	24
TREE	442159.82	0713243.28	1A	1055		-19	-19	-19	-1874		332L	9
WINDSOCK	442202.28	0713233.98	1A	1070		-4	-4	-4	-1187		116L	725
TREE	442207.65	0713228.10	1A	1097		23	23	23	-734		405R	474
GROUND	442201.82	0713223.51	1A	1073		-1	-1	-1	-430		201L	263
BUSH	442200.92	0713221.70	1A	1081		7	7	7	-303		298L	193
GROUND	442206.88	0713221.68	1A	1078		4	4	4	-272		305R	171
BUSH	442200.30	0713218.13	1A	1082		8	8	8	-47		373L	37
TREE	442207.08	0713218.48	1A	1103		29	29	29	-38		314R	53
TREE	442208.98	0713215.40	1A	1130		56	56	56	195		494R	56
TREE	442206.40	0713213.66	1A	1090		16	16	16	308		227R	13
POLE	442209.08	0713210.01	1A	1128		54	54	54	586		485R	43
OL ON LOCALIZER	442204.38	0713207.35	1A	1082		8	8	8	756		0L	-8
POLE	442208.15	0713206.95	1A	1123		49	49	49	803		380R	31
ANTENNA ON BUILDING	442202.50	0713206.48	1A	1093		19	19	19	809		193L	1
TREE	442210.13	0713204.26	1A	1168		94	94	94	1009		571R	70
TREE	442206.73	0713203.91	1A	1130		56	56	56	1017		226R	32
TREE	442200.71	0713149.99	1A	1171		97	97	97	1997		434L	44
TREE	442158.89	0713145.89	1A	1198		124	124	124	2286		632L	63
TREE	442203.40	0713145.29	1A	1173		99	99	99	2351		179L	36
TREE	442210.01	0713143.26	1A	1205		131	131	131	2532		483R	62
TREE	442212.90	0713141.83	1A	1212		138	138	138	2650		770R	66
TREE	442159.21	0713139.74	1A	1213		139	139	139	2733		622L	64
TREE	442205.79	0713138.47	1A	1209		135	135	135	2858		39R	57
TREE	442203.92	0713131.90	1A	1218		144	144	144	3325		174L	52
TREE	442159.64	0713129.13	1A	1226		152	152	152	3505		617L	55
TREE	442159.68	0713123.28	1A	1220		146	146	146	3929		633L	36
TREE	442200.86	0713119.26	1A	1221		147	147	147	4227		529L	29

OC5082

AIRPORT ELEVATION 1074

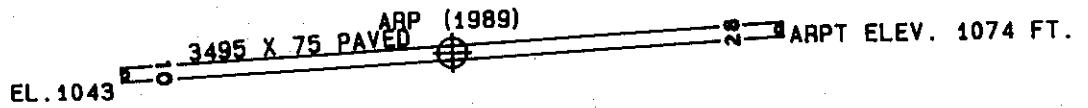
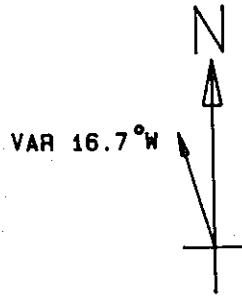
ARP 442203.155N 0713241.768W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
TREE	442157.75	0713240.66	1A	1114		40	188 21	554
TREE	442208.31	0713248.33	1A	1118		44	334 18	707
TREE	442209.50	0713229.36	1A	1151		77	71 14	1107
ROD ON HANGAR	442156.83	0713302.26	1A	1081		7	263 25	1621
TREE	442158.54	0713220.32	1A	1145		71	123 25	1627
TREE	442158.52	0713216.76	1A	1140		66	121 11	1876
TREE	442155.89	0713316.32	1A	1095		21	270 22	2616
TREE	442209.13	0713321.01	1A	1126		52	298 41	2914
STACK	442129.58	0713242.65	1B	1210		136	197 47	3401
TREE	442155.87	0713148.73	1A	1213		139	117 32	3923
TREE	442149.17	0713349.67	1A	1210		136	270 41	5132
TREE	442146.33	0713350.42	1A	1222		148	267 51	5270
TREE	442142.79	0713407.96	1B	1283		209	268 29	6593
TREE	442124.39	0713359.31	1B	1341		267	251 50	6866
HAZARD BEACON	442042.39	0713250.61	1B	1396		322	201 11	8204
TREE	442258.60	0713406.91	1B	1296		222	328 57	8353
TREE	442036.24	0713242.13	1B	1432		358	196 52	8801
TREE	442259.36	0713106.56	1B	1236		162	67 14	8957
TREE	442047.08	0713107.45	1B	1617		543	155 2	10311
TREE	442342.82	0713209.84	1B	1279		205	29 38	10356
TREE	442040.11	0713118.54	1B	1575		501	160 58	10358
TREE	442024.22	0713141.44	2C	1604		530	173 4	10936
POLE	442043.21	0713056.63	1B	1701		627	153 21	11131
TREE	442041.03	0713053.32	2C	1774		700	153 14	11457
TREE	442030.40	0713109.95	2C	1782		708	161 18	11521
TREE	442337.00	0713414.23	2C	1336		262	341 28	11637
TREE	442128.83	0713515.83	1B	1378		304	269 28	11720
TREE	442101.28	0713025.16	2C	1685		611	138 57	11738
TREE	442359.47	0713250.27	2C	1450		376	13 42	11795
TREE	442048.04	0713447.16	2C	1302		228	246 51	11869
TREE	442205.02	0712952.93	2C	1249		175	105 48	12266
TREE	442135.74	0713526.96	2C	1318		244	273 41	12318
TREE	442125.54	0713523.02	2C	1368		294	268 42	12319

AIRPORT ELEVATION 1074

ARP 442203.155N 0713241.768W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
TREE	442055.28	0713018.46	2C	1893		819	140 7	12476
TREE	442037.21	0713011.96	2C	2615		1541	145 20	13936
TREE	442413.53	0713134.98	2C	1494		420	36 52	14066
TREE	442422.36	0713211.75	2C	1566		492	25 29	14264
TREE	442426.65	0713216.79	2C	1675		601	23 49	14645
TREE	442020.79	0713007.90	2C	2840		1766	149 31	15247
TREE	442044.89	0712941.03	2C	2392		1318	137 48	15339



TOUCHDOWN ZONE RUNWAY ELEVATION	
10	1066
28	1074

MOUNT WASHINGTON REGIONAL AIRPORT
 WHITEFIELD, NEW HAMPSHIRE
 (NOT TO SCALE)