

AERONAUTICAL DATA SHEET
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 10/01/2004

PROJECT NUMBER: 246
 ARPT IDENTIFIER: MHT
 ARPT NAME: MANCHESTER AIRPORT
 CITY: MANCHESTER
 STATE: NEW HAMPSHIRE
 ARPT ELEVATION: 266.4
 AIRPORT REFERENCE POINT

DISTANCE FROM RWY END: 35+0
 LATITUDE: 425557.2
 LONGITUDE: -712608.4

SITE NUMBER: 13332.A
 SURVEY DATE: 11/10/2003
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88
 ATCT FLOOR ELEV: 284.0
 DECLINATION: 15.7W

RUNWAY INFORMATION

RUNWAY: 6/24 LENGTH: 6850 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
 GEODETIC

DISPLACED THRESHOLD DATA

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
6	425544.0375	-712653.8958	220.2	422506	223.6				
24	425633.9843	-712551.7714	237.7	2222549	237.7				

PROFILE DATA

DISTANCES FROM APPROACH END 6

DISTANCES FROM APPROACH END 24

DISTANCE	ELEV
0	220.2
4397	224.4
5358	226.0
6850	237.7

DISTANCE	ELEV
0	237.7
1492	226.0
2453	224.4
6850	220.2

RUNWAY: 17/35 LENGTH: 9250 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
 GEODETIC

DISPLACED THRESHOLD DATA

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
17	425630.3566	-712622.4490	216.1	1563106	229.1	336	425627.3156	-712620.6509	218.2
35	425506.5591	-712532.9190	266.4	3363140	265.4	850	425514.2577	-712537.4677	265.4

DISTANCES FROM APPROACH END 17

DISTANCE	ELEV
0	216.1
336	218.2
1574	224.4
2856	228.4
4720	231.0
5228	233.5
7000	254.8
8400	265.4
9250	266.4

DISTANCES FROM APPROACH END 35

DISTANCE	ELEV
0	266.4
850	265.4
2250	254.8
4022	233.5
4530	231.0
6393	228.4
7676	224.4
8914	218.2
9250	216.1

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VERTICAL DATUM: NAVD88

NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR (MHT)	425700.0506	-711757.1882	640.0		
DME (17/35)	425642.1236	-712635.3759	236.2		
GS (6)	425552.6179	-712647.8717	217.4		
GS (6) PP	425550.9180	-712645.3401	220.9	255L	944
GS (17)	425620.8582	-712613.0216	219.8		
GS (17) PP	425619.8349	-712616.2276	222.6	260L	1161
GS (35)	425526.6682	-712539.8175	248.1		
GS (35) PP	425525.3301	-712544.0102	256.4	340R	2072
IM (35)	425507.2659	-712530.3468			204
LOC (6)	425641.5225	-712542.3958	247.9		1034
LOC (17)	425457.4264	-712527.5246	276.6		1008
LOC (35)	425643.5215	-712630.2302	215.6		1453
LOM (6)	425151.1610	-713143.6400			31954
MM (35)	425449.3003	-712522.7246			1905
OM (17)	430016.5765	-712828.7319			24753
VOR/DME(MHT)	425206.7178	-712210.3129	469.3		

VISUAL	LATITUDE	LONGITUDE
ALS (35)		
APBN	425604.1924	-712516.1736
PAPI (6)		
PAPI (17)		
PAPI (24)		
PAPI (35)		
REIL (6)		
REIL (24)		
REIL (35)		

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OBSTRUCTION INFORMATION

6 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	425637.65	-712556.17	1A	296		76	72	30	-6904		492L	58
TREE	425637.45	-712556.71	1A	313		93	89	47	-6862		*508L	75
FENCE	425629.30	-712548.53	1A	249		29	25	-17	-6663		498R	13
FENCE	425634.05	-712559.51	1A	243		23	19	-23	-6467		429L	9
AMOM	425628.39	-712603.37	1A	245		25	21	-21	-5850		255L	15
CAMERA ON BLDG	425621.37	-712557.94	1A	266		46	42	0	-5598		*523R	38
OL ON WSK	425622.93	-712611.81	1A	249		29	25	-17	-5019		345L	24
OL ON GS	425620.86	-712613.02	1A	263		43	39	-3	-4803		270L	38
OL ON AMOM	425614.32	-712607.32	1A	250		30	26	-16	-4601		489R	25
TREE	425617.06	-712622.64	1A	247		27	23	-19	-4037		*539L	23
OL ON BLDG	425614.42	-712622.01	1A	249		29	25	-17	-3871		324L	25
OL ON HGR	425611.10	-712626.46	1A	267		47	43	1	-3399		341L	44
TREE	425558.44	-712628.52	1A	267		47	43	1	-2350		410R	45
FLGPL	425548.68	-712640.05	1A	250		30	26	-16	-1042		443R	29
OL ON LTD WSK	425549.64	-712642.27	1A	243		23	19	-23	-1002		256R	22
ROD ON OL GS	425552.62	-712647.87	1A	264		44	40	-2	-944		255L	43
TREE	425546.66	-712640.84	1A	255		35	31	-11	-851		*538R	34
FENCE	425544.83	-712647.26	1A	229		9	5	-37	-392		310R	9
POLE	425536.20	-712653.22	1A	250		30	26	-16	552		*572R	23
LT POLE	425539.38	-712700.98	1A	215		-5	-9	-51	704		72L	-15
TREE	425535.38	-712700.25	1A	237		17	13	-29	966		242R	2
TREE	425531.76	-712657.74	1A	293		73	69	27	1111		627R	55
TREE	425531.81	-712701.39	1A	273		53	49	7	1290		423R	31
TREE	425523.44	-712726.93	1A	282		62	58	16	3197		408L	2
TREE	425523.14	-712737.36	1A	304		84	80	38	3743		960L	13
TREE	425523.10	-712739.41	1A	310		90	86	44	3849		*1071L	17

24 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	425544.83	-712647.26	1A	229		-9	-9	-37	-6458		310L	9
TREE	425546.66	-712640.84	1A	255		17	17	-11	-5999		*538L	34
ROD ON OL GS	425552.62	-712647.87	1A	264		26	26	-2	-5907		255R	43
OL ON LTD WSK	425549.64	-712642.27	1A	243		5	5	-23	-5848		256L	22
FLGPL	425548.68	-712640.05	1A	250		12	12	-16	-5808		443L	29
TREE	425558.44	-712628.52	1A	267		29	29	1	-4501		410L	45
OL ON HGR	425611.10	-712626.46	1A	267		29	29	1	-3451		341R	44
OL ON BLDG	425614.42	-712622.01	1A	249		11	11	-17	-2980		324R	25
TREE	425617.06	-712622.64	1A	247		9	9	-19	-2814		*539R	23
OL ON AMOM	425614.32	-712607.32	1A	250		12	12	-16	-2250		489L	25
OL ON GS	425620.86	-712613.02	1A	263		25	25	-3	-2047		270R	38
OL ON WSK	425622.93	-712611.81	1A	249		11	11	-17	-1831		345R	24
CAMERA ON BLDG	425621.37	-712557.94	1A	266		28	28	0	-1252		*523L	38
AMOM	425628.39	-712603.37	1A	245		7	7	-21	-1000		255R	15
FENCE	425634.05	-712559.51	1A	243		5	5	-23	-383		429R	9
FENCE	425629.30	-712548.53	1A	249		11	11	-17	-188		498L	13
TREE	425637.45	-712556.71	1A	313		75	75	47	11		*508R	75
TREE	425637.65	-712556.17	1A	296		58	58	30	53		492R	58
TREE	425638.40	-712553.54	1A	281		43	43	15	242		399R	42
TREE	425641.39	-712548.09	1A	264		26	26	-2	739		304R	10
TREE	425636.55	-712540.20	1A	277		39	39	11	772		460L	22
TREE	425642.55	-712545.99	1A	263		25	25	-3	930		268R	4
OL ON LOC	425641.52	-712542.40	1A	254		16	16	-12	1034		0R	-8
TREE	425641.43	-712535.64	1A	268		30	30	2	1366		377L	-4
TREE	425657.51	-712532.54	1A	308		70	70	42	2723		552R	-4

17 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	425514.55	-712541.82	1A	284		68	55	18	-8243	-7908	285R	19
OL ON GS	425526.67	-712539.82	1A	304		88	75	38	-7178	-6842	340L	48
OL ON AMOM	425614.32	-712607.32	1A	250		34	21	-16	-1937	-1602	385L	25
TREE	425617.06	-712622.64	1A	247		31	18	-19	-1229	-893	*549R	24
OL ON GS	425620.86	-712613.02	1A	263		47	34	-3	-1161	-826	260L	41
TREE	425618.98	-712622.59	1A	236		20	7	-30	-1052	-717	468R	14

17 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON WSK	425622.93	-712611.81	1A	249		33	20	-17	-1005	-669	427L	28
TREE	425639.33	-712618.61	1A	243		27	14	-23	719	1055	*624L	17
TREE	425635.43	-712631.43	1A	234		18	5	-32	737	1073	408R	7
TREE	425636.34	-712633.79	1A	248		32	19	-18	892	1228	532R	18
TREE	425637.25	-712634.25	1A	243		27	14	-23	990	1326	527R	11
TREE	425639.70	-712637.04	1A	250		34	21	-16	1300	1635	618R	12
OL ON LOC	425643.52	-712630.23	1A	223		7	-6	-43	1453	1789	0R	-18
OL ON DME	425642.12	-712635.38	1A	241		25	12	-25	1476	1811	407R	-1
TREE	425641.99	-712636.57	1A	253		37	24	-13	1499	1835	494R	11
POLE	425647.47	-712636.31	1A	263		47	34	-3	2000	2335	255R	10
OL ON POLE	425650.74	-712628.81	1A	260		44	31	-6	2081	2417	388L	6
POLE	425652.67	-712632.36	1A	274		58	45	8	2365	2701	224L	14
POLE	425655.27	-712628.99	1A	279		63	50	13	2507	2843	559L	17
POLE	425656.53	-712626.75	1A	281		65	52	15	2558	2894	763L	18
STK	425700.77	-712631.52	1A	289		73	60	23	3093	3429	608L	15
TREE	425705.54	-712635.94	1A	303		87	74	37	3667	4003	499L	18
TREE	425704.00	-712650.93	1A	320		104	91	54	3968	4304	586R	29
FLGPL	425711.35	-712656.43	1A	331		115	102	65	4813	5149	664R	23
TREE	425725.99	-712711.90	1A	390		174	161	124	6631	6967	1128R	46

35 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON WSK	425622.93	-712611.81	1A	249		-17	-16	-17	-8245	-7395	427R	28
TREE	425618.98	-712622.59	1A	236		-30	-29	-30	-8197	-7348	468L	14
OL ON GS	425620.86	-712613.02	1A	263		-3	-2	-3	-8088	-7238	260R	41
TREE	425617.06	-712622.64	1A	247		-19	-18	-19	-8021	-7171	*549L	24
OL ON AMOM	425614.32	-712607.32	1A	250		-16	-15	-16	-7312	-6463	385R	25
OL ON GS	425526.67	-712539.82	1A	304		38	39	38	-2072	-1222	340R	48
OL ON LTD WSK	425514.55	-712541.82	1A	284		18	19	18	-1006	-156	285L	19
ELEC EQUIP	425502.86	-712534.50	1A	270		4	5	4	296	1146	257L	2
ROD ON BLDG	425458.00	-712534.04	1A	300		34	35	34	761	1611	422L	23
SIGN	425459.44	-712522.30	1A	295		29	30	29	976	1826	437R	13
OL ON LOC	425457.43	-712527.52	1A	284		18	19	18	1008	1858	0R	1
PIPE	425455.25	-712521.46	1A	305		39	40	39	1390	2240	326R	15

35	PIR	(CONTINUED)										
OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON POLE	425451.17	-712528.62	1A	326		60	61	60	1557	2407	328L	32
TREE	425450.66	-712522.27	1A	325		59	60	59	1792	2642	86R	27
TREE	425449.95	-712519.40	1A	342		76	77	76	1943	2793	253R	41
OL ON POLE	425447.79	-712525.38	1A	332		66	67	66	1966	2816	242L	30
VENT ON BLDG	425450.53	-712514.71	1A	343		77	78	77	2028	2878	597R	40
VENT ON BLDG	425447.48	-712519.62	1A	345		79	80	79	2166	3016	138R	39
OL ON POLE	425445.10	-712522.09	1A	343		77	78	77	2314	3163	126L	34
POLE	425447.56	-712510.42	1A	356		90	91	90	2431	3281	770R	45
OL ON POLE	425444.70	-712519.24	1A	356		90	91	90	2435	3285	52R	45
TREE	425441.43	-712518.91	1A	366	100	101	100		2749	3599	57L	49
OL ON POLE	425441.02	-712517.79	1A	360		94	95	94	2820	3670	3R	41
TREE	425439.67	-712519.91	1A	368	102	103	102		2882	3732	196L	48
TREE	425443.03	-712507.77	1A	374	108	109	108		2930	3780	768R	53
TREE	425420.40	-712459.31	1A	445	179	180	179		5283	6133	433R	77
TREE	425417.31	-712504.52	1A	436	170	171	170		5416	6265	47L	66
TREE	425420.60	-712453.30	1A	442	176	177	176		5442	6292	851R	71
OL ON POLE	425417.86	-712458.23	1A	456	190	191	190		5550	6400	404R	83
OL ON POLE	425416.52	-712501.99	1A	456	190	191	190		5564	6413	94R	83
TREE	425419.89	-712445.71	1B	418	152	153	152		5733	6583*1341R		41
TREE	425412.98	-712452.50	1A	468	202	203	202		6174	7023	599R	82

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ANT ON OL ATCT	425600.76	-712619.00	1A	320		54		31017	867	58
TREE	425610.41	-712557.52	1A	296		30		4652	1563	12
TREE	425613.96	-712626.80	1A	303		37		33648	2180	71
TREE	425617.06	-712622.64	1A	247		-19		34755	2273	17
TREE	425606.14	-712636.77	1A	293		27		30854	2296	60
CAMERA ON BLDG	425621.37	-712557.94	1A	266		0		3320	2568	35
TREE	425546.66	-712640.84	1A	255		-11		26151	2639	29
TREE	425617.84	-712631.21	1A	312		46		33637	2692	8
TREE	425625.53	-712546.52	1A	331		65		4516	3298	44
TREE	425624.10	-712633.69	1A	289		23		34104	3310	-3
TREE	425552.66	-712653.30	1A	268		2		27752	3372	39

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
TREE		425551.86	-712655.25	1A	272		6		27653	3527	36
TREE		425628.84	-712545.85	1A	312		46		4320	3616	50
TREE		425628.27	-712634.03	1A	256		-10		34428	3679	-13
CHY		425634.13	-712612.86	1A	250		-16		1037	3754	-10
TREE		425555.82	-712517.97	1A	465		199		10750	3754	49
TREE		425635.76	-712600.57	1A	306		40		2411	3948	56
OL ON APBN		425604.19	-712516.17	1A	488		222		9522	3949	72
POLE		425536.20	-712653.22	1A	250		-16		25311	3954	20
ANT ON TWR		425603.46	-712515.47	1A	510		244		9633	3989	94
TREE		425630.12	-712639.46	1A	299		33		34058	4056	-12
TREE		425532.92	-712651.84	1A	305		39		24826	4061	32
TREE		425636.86	-712559.65	1A	317		51		2454	4068	62
TREE		425547.86	-712702.21	1A	265		-1		27225	4113	13
TREE		425611.23	-712516.43	2C	446		180		8531	4119	29
TREE		425632.94	-712541.86	1A	298		32		4419	4122	41
TREE		425637.45	-712556.71	1A	313		47		2744	4167	74
TREE		425639.12	-712615.67	1A	259		-7		826	4279	-2
TREE		425546.02	-712704.52	1A	253		-13		27032	4326	1
TREE		425639.33	-712618.61	1A	243		-23		536	4332	10
TREE		425538.60	-712514.31	1A	462		196		13046	4443	45
TREE		425640.68	-712554.92	1A	269		3		2832	4515	11
TREE		425636.32	-712640.23	1A	271		5		34449	4614	-11
POLE		425637.88	-712637.58	1A	258		-8		34754	4656	11
TREE		425529.07	-712511.53	1A	456		190		13938	5101	40
TREE		425553.08	-712452.83	2C	520		254		10956	5637	104
TREE		425655.17	-712620.79	1A	305		39		646	5941	4
TREE		425649.33	-712647.98	1A	297		31		34632	6043	16
TREE		425535.83	-712452.31	2C	481		215		12636	6061	65
TREE		425657.99	-712618.80	1A	325		59		832	6203	-11
TREE		425507.46	-712517.93	1A	332		66		15859	6282	-14
RTR TWR		425458.12	-712538.09	1A	324		58		17502	6393	30
TREE		425501.12	-712518.48	1A	330		64		16230	6784	26
TREE		425656.59	-712655.74	1A	319		53		34521	6969	6
TREE		425451.30	-712539.61	1A	338		72		17753	7008	-9
TREE		425523.10	-712739.41	1A	310		44		25841	7600	14
TREE		425534.17	-712428.97	1B	434		168		12311	7756	18
TREE		425532.13	-712426.09	2C	419		153		12408	8023	3

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
TREE		425548.46	-712415.96	2C	454		188		11143	8411	38
TREE		425436.64	-712539.70	1A	411		145		18101	8431	-5
TREE		425634.92	-712413.21	1B	501		235		8140	9382	85
TREE		425717.17	-712713.21	2C	403		137		34456	9423	42
TREE		425716.44	-712718.29	2C	409		143		34245	9560	-6
TREE		425720.64	-712715.36	1B	414		148		34511	9807	52
TREE		425536.09	-712356.74	1B	472		206		11759	10026	56
TREE		425531.26	-712356.71	1A	454		188		12041	10143	38
TREE		425535.61	-712341.15	1B	428		162		11658	11171	12
OL ON TWR		425426.98	-712740.95	1A	547	364	281		23243	11440	131
TREE		425617.25	-712336.15	2C	439		173		9531	11506	23
TREE		425419.89	-712445.71	1B	418		152		16342	11616	40
TREE		425407.08	-712519.74	1B	418		152		17742	11722	17
TREE		425805.00	-712624.18	2C	444		178		1031	12992	28

 ADDITIONAL INFORMATION:

AERONAUTICAL DATA IS AVAILABLE ON THE INTERNET AT [HTTP://WWW.NGS.NOAA.GOV](http://www.ngs.noaa.gov).

ADDITIONAL INFORMATION ON DATA STANDARDS CAN BE FOUND IN FAA NO. 405, "STANDARDS FOR AERONAUTICAL SURVEYS AND RELATED PRODUCTS".

AN ASTERISK "*" INDICATES THAT THIS OBJECT IS OUTSIDE, BUT WITHIN 50 FEET, OF THE OBSTRUCTION IDENTIFICATION SURFACE.