NGS FORM-292

AERONAUTICAL DATA SHEET
NATIONAL GEODETIC SURVEY

DATE GENERATED: 04/04/2005

PROJECT NUMBER: 5241
ARPT IDENTIFIER: MHK — SITE NUMBER: 6748.A
ARPT NAME: MANHATTAN REGIONAL AIRPORT — SURVEY DATE: 08/28/2004
CITY: MANHATTAN — HORIZONTAL DATUM: NAD83
STATE: KANSAS — VERTICAL DATUM: NAVD88
ARPT ELEVATION: 1056.5 — DISTANCE FROM RWY END: 13+0 — ATCT FLOOR ELEV: 1085.0
AIRPORT REFERENCE POINT — LATITUDE: 390827.5 — LONGITUDE: -964015.0 — DECLINATION: 4.7E

RUNWAY INFORMATION

RUNWAY: 3/21 LENGTH: 7000 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA

RWY	GEODETIC LATITUDE	GEODETIC LONGITUDE	ELEV	AZ (N)	TDZE
3	390756.6088	-964045.4837	1053.9	395406	1053.9
21	390849.6816	-963948.4874	1042.9	2195442	1050.0

DISPLACED THRESHOLD DATA

RWY	LENGTH	GEODETIC LATITUDE	GEODETIC LONGITUDE	ELEV
3				
21				

PROFILE DATA

DISTANCES FROM APPROACH END 3

DISTANCE	ELEV
0	1053.9
1477	1046.9
3018	1049.3
4639	1045.9
7000	1042.9

DISTANCES FROM APPROACH END 21

DISTANCE	ELEV
0	1042.9
2361	1045.9
3982	1049.3
5524	1046.9
7000	1053.9

RUNWAY: 13/31 LENGTH: 3800 WIDTH: 100 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA

RWY	GEODETIC LATITUDE	GEODETIC LONGITUDE	ELEV	AZ (N)	TDZE
13	390850.2469	-964026.1021	1056.5	1421208	1056.5
31	390820.5690	-963956.5451	1044.0	3221227	1050.0

DISPLACED THRESHOLD DATA

RWY	LENGTH	GEODETIC LATITUDE	GEODETIC LONGITUDE	ELEV
13				
31				

DISTANCES FROM APPROACH END 13

DISTANCE	ELEV
0	1056.5
892	1049.3
1590	1046.4
2364	1045.9
3800	1044.0

DISTANCES FROM APPROACH END 31

DISTANCE	ELEV
0	1044.0
1436	1045.9
2210	1046.4
2908	1049.3
3800	1056.5

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NAVIGATIONAL AID INFORMATION

ELECTRONIC		LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
GS	(3)	390807.0237	-964040.9170	1045.7		
GS	(3) PP	390804.4883	-964037.0238	1048.7	400L	1039
LOC	(3)	390854.6265	-963943.1731	1040.1		652
NDB	(MQD)	390701.8011	-963745.5414			
OM	(3)	390330.0365	-964534.5662			35313
VOR/DME	(MHK)	390843.5876	-964007.4026	1044.0		

VISUAL		LATITUDE	LONGITUDE
ALS	(3)		
APBN		390828.4403	-963948.3785
REIL	(21)		
REIL	(31)		
VASI	(3)		
VASI	(13)		
VASI	(21)		
VASI	(31)		

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OBSTRUCTION INFORMATION

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3 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	390845.19	-963959.91	1A	1057		3	3	1	-6074		399L	13
OL ON GS	390807.02	-964040.92	1A	1081		27	27	25	-1039		400L	32
GRD	390756.39	-964054.35	1A	1062		8	8	6	465		522L	3
GRD	390742.61	-964109.59	1A	1097		43	43	41	2305		549L	1
TREE	390732.66	-964057.42	1A	1095		41	41	39	2462		833R	-4
TREE	390731.21	-964100.89	1A	1120		66	66	64	2751		717R	15
RD(N)	390735.53	-964108.31	1A	1072		18	18	16	2790		12L	-34
SIGN	390732.22	-964106.72	1A	1093		39	39	37	2966		299R	-16
BUSH	390736.17	-964119.89	1A	1123		69	69	67	3326		754L	6
TREE	390733.60	-964124.79	1A	1160		106	106	104	3773		884L	35
TREE	390730.88	-964125.23	1A	1159		105	105	103	4007		733L	29
TREE	390729.47	-964124.25	1A	1167		113	113	111	4067		582L	36
TREE	390724.73	-964117.53	1A	1138		84	84	82	4094		132R	6
POLE	390727.02	-964123.07	1A	1143		89	89	87	4197		352L	9
TREE	390725.27	-964121.18	1A	1138		84	84	82	4237		124L	3
POLE	390726.24	-964125.75	1A	1158		104	104	102	4393		463L	20
TREE	390725.16	-964132.51	1A	1183		129	129	127	4818		802L	37
TREE	390725.75	-964135.65	1A	1188		134	134	132	4931		1030L	39
TREE	390725.76	-964138.49	1A	1192		138	138	136	5074		1203L	41
POLE	390723.34	-964136.06	1A	1170		116	116	114	5139		899L	17
POLE	390722.60	-964138.66	1A	1189		135	135	133	5328		1008L	33
POLE	390722.15	-964141.39	1A	1188		134	134	132	5501		1144L	28

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21 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	390807.02	-964040.92	1A	1081		38	31	25	-5961		400R	32
TREE	390845.19	-963959.91	1A	1057		14	7	1	-926		399R	13

21 C (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ANT ON BLDG	390853.03	-963940.82	1A	1056		13	6	0	648		246L	0
OL ON LOC	390854.63	-963943.17	1A	1047		4	-3	-9	652		0R	-9
BUSH	390856.43	-963940.60	1A	1064		21	14	8	923		39L	0
TREE	390857.76	-963931.71	1A	1095		52	45	39	1475		489L	14
TREE	390900.81	-963932.20	1A	1116		73	66	60	1687		261L	29
TREE	390858.80	-963927.74	1A	1112		69	62	56	1756		662L	24
TREE	390908.16	-963940.84	1A	1109		66	59	53	1820		*737R	19
TREE	390903.60	-963932.94	1A	1109		66	59	53	1866		36L	18
TREE	390902.22	-963928.57	1A	1116		73	66	60	1980		389L	21
TREE	390909.29	-963939.18	1A	1096		53	46	40	1992		710R	0
TREE	390957.13	-963859.12	1A	1284		241	234	228	7730		1396R	20
TREE	391000.38	-963815.00	1A	1277		234	227	221	10212		*1057L	-60

13 AV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	390906.03	-964040.34	1A	1133		77	77	77	1949		92L	-11

31 AV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
RR	390813.56	-963949.58	1A	1064		20	14	8	897		1L	-15

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
ANT ON ATCT	390815.99	-964008.88	1A	1114		58	15249	1261	0
POLE	390829.71	-963958.87	1A	1071		15	7518	1291	2
ANT ON OL POLE	390843.27	-964007.99	1A	1088		32	1423	1688	6
VOR/DME	390843.59	-964007.40	1A	1073		17	1529	1734	-7
TREE	390818.83	-964033.98	1A	1092		36	23455	1734	9

ARP HCT (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
LTD WSK ON OL HGR	390823.97	-963951.94	1A	1087	31		9624	1851	-11
LT POLE	390823.04	-963951.78	1A	1086	30		9908	1884	-4
FLDLT	390821.16	-963949.79	1A	1083	27		10311	2087	-11
ROD ON APBN	390828.44	-963948.38	1A	1102	46		8242	2100	-66
TREE	390837.65	-963947.24	1A	1118	62		6008	2416	23
TREE	390838.75	-963947.49	1A	1106	50		5735	2448	23
TREE	390842.34	-963942.28	1A	1098	42		5504	2984	4
TREE	390843.44	-963942.59	1A	1080	24		5301	3020	-1
BUSH	390806.95	-964045.60	1A	1070	14		22431	3184	-5
TREE	390846.57	-963939.77	1A	1071	15		5029	3380	-5
TREE	390807.75	-964052.41	1B	1152	96		23110	3561	9
POLE	390805.87	-964053.13	1A	1128	72		22914	3717	-5
TREE	390859.67	-963949.62	1A	1072	16		2652	3820	-8
RD(N)	390800.89	-964055.34	1A	1091	35		22502	4166	-17
TREE	390905.91	-964035.88	1A	1125	69		33221	4220	-19
RD(N)	390759.31	-964056.21	1A	1093	37		22400	4322	-7
TREE	390800.86	-964100.53	1A	1149	93		22823	4487	-2
TREE	390759.67	-964102.13	1A	1159	103		22808	4661	5
TREE	390908.16	-963940.84	1A	1109	53		2829	4916	14
TREE	390755.40	-964109.71	1A	1178	122		22818	5397	-1
TREE	390753.15	-964108.64	1A	1160	104		22552	5473	12
ANT ON OL RTR TWR	390754.16	-964113.11	1A	1197	141		22855	5687	0
TREE	390736.45	-964124.52	1A	1169	113		22159	7530	41
GRD	390732.58	-963904.95	2C	1207	151		13029	7833	1
TREE	390836.45	-964158.95	2C	1235	179		27137	8240	29
TREE	390726.44	-963905.66	2C	1221	165		13348	8248	15
TREE	390725.66	-964140.31	1A	1194	138		22221	9184	32
POLE	390659.96	-963922.69	2C	1224	168		15020	9770	18
TREE	390703.98	-963907.83	2C	1228	172		14313	9972	22
TREE	390911.49	-964209.67	2C	1221	165		29132	10071	14
ANT ON TWR	390659.42	-963912.18	1A	1261	205		14614	10195	55
TREE	390857.16	-964218.79	2C	1235	179		28225	10205	29
TREE	391000.77	-964122.39	2C	1314	258		32556	10828	93
TREE	390957.58	-963900.57	1A	1285	229		2802	10838	79
TREE	390957.13	-963859.12	1A	1284	228		2841	10862	78
CHY	391016.65	-964053.19	1A	1348	292		34004	11447	137
GRD	391019.96	-964036.44	2C	1326	270		34651	11504	120

ARP HCT (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
GRD	391016.42	-964057.64	1A	1343		287	33821	11521	123
TREE	391018.14	-963935.78	1B	1389		333	1043	11613	183
GRD	390637.54	-963929.17	2C	1266		210	15718	11697	60
WIND MACHINE	391020.42	-964050.76	1A	1345		289	34127	11768	122
TREE	391024.65	-964021.69	1A	1341		285	35245	11865	135
GRD	391024.91	-964022.71	2C	1342		286	35222	11895	136
GRD	391016.96	-964127.59	2C	1336		280	32760	12465	42
SILO	391029.98	-964054.39	1A	1385		329	34114	12775	113
TREE	391033.50	-964002.17	1A	1371		315	35950	12788	144
GRD	390618.11	-964020.21	2C	1209		153	17705	13098	1
TREE	391000.38	-963815.00	1A	1277		221	4027	13330	68
TREE	391038.56	-963947.40	1A	1295		239	436	13438	46
GRD	390606.57	-964033.49	2C	1316		260	18108	14333	58
GRD	391014.73	-963812.97	2C	1284		228	3650	14496	16
ANT ON OL TK	391002.27	-963726.84	1A	1425	200	369	4923	16353	60

ADDITIONAL INFORMATION:

AERONAUTICAL DATA IS AVAILABLE ON THE INTERNET AT 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.