

AERONAUTICAL DATA SHEET
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 07/02/2003

PROJECT NUMBER: 81
 ARPT IDENTIFIER: MDW
 ARPT NAME: CHICAGO MIDWAY AIRPORT
 CITY: CHICAGO
 STATE: ILLINOIS
 ARPT ELEVATION: 619.8
 AIRPORT REFERENCE POINT

DISTANCE FROM RWY END: 4R+163
 LATITUDE: 414709.5
 LONGITUDE: -874508.7

SITE NUMBER: 04507.A
 SURVEY DATE: 10/22/2002
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88
 ATCT FLOOR ELEV: 726.0
 DECLINATION: 2.8W

RUNWAY INFORMATION

RUNWAY: 4L/22R LENGTH: 5507 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
4L	414652.9238	-874540.2920	618.5	432755	617.1	758	414658.3573	-874533.4114	617.1
22R	414732.4084	-874450.2801	605.3	2232828	613.5	878	414726.1122	-874458.2567	605.7

PROFILE DATA

DISTANCES FROM APPROACH END 4L

DISTANCES FROM APPROACH END 22R

DISTANCE	ELEV
0	618.5
758	617.1
2219	611.0
2719	609.1
3504	607.2
4629	605.7
5507	605.3

DISTANCE	ELEV
0	605.3
878	605.7
2004	607.2
2789	609.1
3289	611.0
4749	617.1
5507	618.5

RUNWAY: 4R/22L LENGTH: 6446 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
4R	414644.9759	-874533.5410	619.8	432808	619.0	518	414648.6912	-874528.8358	619.0
22L	414731.1862	-874435.0024	605.3	2232847	610.7	634	414726.6419	-874440.7605	606.0

PROFILE DATA

DISTANCES FROM APPROACH END 4R

DISTANCES FROM APPROACH END 22L

DISTANCE	ELEV
0	619.8
163	619.8
518	619.0
2449	611.5
2949	610.5
3735	608.1
5812	606.0
6446	605.3

DISTANCE	ELEV
0	605.3
634	606.0
2711	608.1
3497	610.5
3997	611.5
5928	619.0
6283	619.8
6446	619.8

RUNWAY: 13C/31C LENGTH: 6522 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
13C	414729.6614	-874539.8424	607.1	1333309	610.5	463	414726.5129	-874535.4172	608.2
31C	414645.2628	-874437.4576	611.7	3133350	612.7	696	414649.9984	-874444.1098	612.0

PROFILE DATA

DISTANCES FROM APPROACH END 13C

DISTANCES FROM APPROACH END 31C

DISTANCE	ELEV
0	607.1
463	608.2
2533	609.1
3458	610.5

DISTANCE	ELEV
0	611.7
696	612.0
1982	612.6
3064	610.5

DISTANCES FROM APPROACH END 13C

DISTANCE	ELEV
4540	612.6
5826	612.0
6522	611.7

DISTANCES FROM APPROACH END 31C

DISTANCE	ELEV
3989	609.1
6059	608.2
6522	607.1

RUNWAY: 13L/31R LENGTH: 5141 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
GEODETIC

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)
13L	414732.3348	-874528.5767	606.2	1333142
31R	414657.3513	-874439.3758	608.2	3133214

DISPLACED THRESHOLD DATA

TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
608.2	752	414727.2171	-874521.3777	605.7
609.0				

PROFILE DATA

DISTANCES FROM APPROACH END 13L

DISTANCE	ELEV
0	606.2
752	605.7
2100	607.2
3025	608.1
5141	608.2

DISTANCES FROM APPROACH END 31R

DISTANCE	ELEV
0	608.2
2116	608.1
3041	607.2
4389	605.7
5141	606.2

RUNWAY: 13R/31L LENGTH: 3858 WIDTH: 60 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
GEODETIC

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)
13R	414717.0457	-874531.6901	607.1	1333328
31L	414650.7786	-874454.7864	613.0	3133353

DISPLACED THRESHOLD DATA

TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
611.5				
613.0				

DISTANCES FROM APPROACH END 13R

DISTANCE	ELEV
0	607.1
1207	611.0
2132	611.5
3858	613.0

DISTANCES FROM APPROACH END 31L

DISTANCE	ELEV
0	613.0
1727	611.5
2652	611.0
3858	607.1

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HORIZONTAL DATUM: NAD83
VERTICAL DATUM: NAVD88

NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR (QXM)	413717.3815	-874610.1182	669.7		
DME (13C/31C)	414733.1222	-874538.7840	619.7		
GS (4R)	414658.8079	-874523.2876	612.0		
GS (4R) PP	414656.0929	-874519.4612	614.8	399L	1551
GS (13C)	414717.9295	-874530.4441	607.0		
GS (13C) PP	414720.5792	-874527.0779	608.5	370R	1334
GS (31C)	414653.4841	-874456.0940	610.9		
GS (31C) PP	414656.1332	-874452.7282	612.6	370L	1597
LOC (4R)	414733.3372	-874432.2767	604.9		300
LOC (13C)	414643.5712	-874435.0929	611.9		248
LOC (31C)	414731.2830	-874542.1289	605.1		239
LOM (4R)	414308.3391	-875011.0475			30387
MM (13C)	414754.8906	-874614.5736			3667
OM (13C)	415059.7489	-875032.5505			30716
OM (31C)	414429.4369	-874122.8106			20166

VISUAL	LATITUDE	LONGITUDE
ALS (13C)		
APBN	414733.4253	-874515.3078
PAPI (4R) (UNC)		
PAPI (13C)		
REIL (4R)		
REIL (22L)		
REIL (31C)		
VASI (4L)		
VASI (4R)		
VASI (22L)		
VASI (22R)		
VASI (31C)		

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OBSTRUCTION INFORMATION

4L BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
RD(N)	414734.54	-874450.54	1A	620		2	3	0	-5651	-4893	163L	14
FENCE	414734.29	-874452.58	1A	616		-2	-1	-4	-5526	-4768	*258L	10
OL ON AMOM	414719.09	-874502.28	1A	630		12	13	10	-3904	-3146	*268R	23
OL ON LTD WSK	414703.76	-874531.23	1A	621		3	4	1	-1268	-510	*256L	6
TREE	414652.62	-874543.37	1A	655		37	38	35	183	940	149L	36
OL ON FENCE	414651.52	-874542.11	1A	630		12	13	10	198	956	3L	11
TREE	414650.15	-874547.04	1A	686		68	69	66	555	1313	178L	50
LT POLE	414646.74	-874542.61	1A	653		35	36	33	575	1333	*303R	16
TREE	414645.66	-874546.43	1A	672		54	55	52	853	1611	168R	20
TREE	414644.45	-874545.24	1A	675		57	58	55	881	1638	*318R	23
TREE	414645.53	-874550.84	1A	674		56	57	54	1093	1851	65L	11
TREE	414642.89	-874550.63	1A	677		59	60	57	1276	2034	130R	4
TREE	414634.76	-874559.32	1A	679		61	62	59	2326	3084	218R	-46
TREE	414629.57	-874602.93	1A	686		68	69	66	2896	3654	381R	-67
ROD ON BLDG	414625.98	-874615.79	1A	700		82	83	80	3830	4588	76L	-100

22R BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON FENCE	414651.52	-874542.11	1A	630		25	16	10	-5705	-4827	3R	11
TREE	414652.62	-874543.37	1A	655		50	41	35	-5690	-4812	149R	36
OL ON LTD WSK	414703.76	-874531.23	1A	621		16	7	1	-4239	-3361	*256R	6
OL ON AMOM	414719.09	-874502.28	1A	630		25	16	10	-1604	-725	*268L	23
FENCE	414734.29	-874452.58	1A	616		11	2	-4	19	897	*258R	10
RD(N)	414734.54	-874450.54	1A	620		15	6	0	143	1022	163R	14
POLE ON BLDG	414735.69	-874450.08	1A	630		25	16	10	251	1130	217R	22
LT POLE	414734.43	-874445.94	1A	633		28	19	13	375	1253	98L	19
LT POLE	414734.86	-874441.82	1A	639		34	25	19	621	1500	*294L	13

OBSTRUCTION INFORMATION (CONTINUED)

ADSIL81

22R BV (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	414741.79	-874432.58	1A	671		66	57	51	1611	2490	319L	-5
TREE	414745.54	-874427.45	1A	679		74	65	59	2154	3032	340L	-24
TREE	414749.01	-874429.62	1A	670		65	56	50	2296	3174	20R	-40
TREE	414747.93	-874427.98	1A	667		62	53	47	2302	3181	145L	-44
TREE	414748.36	-874423.80	1A	661		56	47	41	2551	3430	345L	-62

4R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
LT POLE	414728.31	-874429.09	1A	639		19	20	19	-6543	-6025	*526R	34
LT POLE	414734.70	-874439.18	1A	639		19	20	19	-6486	-5968	474L	34
OL ON LTD WSK	414723.67	-874449.98	1A	624		4	5	4	-5114	-4595	300L	17
OL ANT	414702.22	-874518.92	1A	652		32	33	32	-2029	-1511	397L	39
ROD ON OL GS	414658.81	-874523.29	1A	660		40	41	40	-1551	-1032	399L	45
OL ON LTD WSK	414649.84	-874522.80	1A	627		7	8	7	-917	-399	252R	10
VENT ON OL BLDG	414643.04	-874526.13	1A	666		46	47	46	-244	274	*543R	46
LT POLE	414641.13	-874529.53	1A	648		28	29	28	73	591	488R	28
LT POLE	414640.91	-874531.87	1A	648		28	29	28	211	730	375R	28
LT POLE	414644.73	-874542.10	1A	653		33	34	33	464	983	453L	28
TREE	414636.93	-874533.78	1A	689		69	70	69	604	1122	547R	61
TREE	414644.45	-874545.24	1A	675		55	56	55	649	1167	*606L	46
CHY ON BLDG	414642.29	-874543.45	1A	677		57	58	57	714	1232	358L	47
TREE	414637.75	-874537.87	1A	672		52	53	52	756	1275	266R	41
TREE	414638.22	-874543.32	1A	659		39	40	39	1006	1525	67L	23
TREE	414638.04	-874545.65	1A	664		44	45	44	1141	1659	183L	26
TREE	414634.15	-874545.78	1A	672		52	53	52	1433	1951	80R	28
TREE	414636.67	-874551.21	1A	667		47	48	47	1531	2050	393L	21
TREE	414631.31	-874545.54	1A	678		58	59	58	1629	2147	292R	29
TREE	414630.76	-874551.75	1A	671		51	52	51	1994	2512	11L	16
TREE	414634.76	-874559.32	1A	679		59	60	59	2094	2612	706L	22
TREE	414629.57	-874602.93	1A	686		66	67	66	2664	3182	543L	17
ROD ON BLDG	414625.98	-874615.79	1A	700		80	81	80	3598	4116	1000L	12
TK	414616.68	-874612.32	1A	728		108	109	108	4100	4618	162L	30

22L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
LT POLE	414641.13	-874529.53	1A	648		43	37	28	-6519	-5885	488L	28
VENT ON OL BLDG	414643.04	-874526.13	1A	666		61	55	46	-6202	-5568	*543L	46
OL ON LTD WSK	414649.84	-874522.80	1A	627		22	16	7	-5528	-4895	252L	10
ROD ON OL GS	414658.81	-874523.29	1A	660		55	49	40	-4895	-4261	399R	45
OL ANT	414702.22	-874518.92	1A	652		47	41	32	-4417	-3783	397R	39
OL ON LTD WSK	414723.67	-874449.98	1A	624		19	13	4	-1332	-698	300R	17
LT POLE	414734.70	-874439.18	1A	639		34	28	19	40	674	474R	34
LT POLE	414728.31	-874429.09	1A	639		34	28	19	97	731	*526L	34
OL ON POLE	414729.93	-874428.90	1A	634		29	23	14	226	860	423L	28
OL LT POLE	414734.75	-874435.40	1A	627		22	16	7	241	875	270R	21
OL ON BLAST FENCE	414733.48	-874432.91	1A	613		8	2	-7	278	912	45R	6
OL ON LOC	414733.34	-874432.28	1A	614		9	3	-6	300	934	0R	6
LT POLE	414737.63	-874431.73	1A	639		34	28	19	644	1277	269R	24
LT POLE	414735.43	-874427.40	1A	638		33	27	18	708	1342	123L	23
POLE	414737.00	-874427.26	1A	644		39	33	24	830	1464	21L	26
TREE	414741.79	-874432.58	1A	671		66	60	51	905	1539	606R	51
TREE	414742.48	-874428.28	1A	669		64	58	49	1180	1814	417R	44
TREE	414736.22	-874415.72	1A	657		52	46	37	1374	2008	*709L	29
TREE	414745.54	-874427.45	1A	679		74	68	59	1447	2081	585R	49
TRANSIT AUTHORITY TRAIN	414737.67	-874415.68	1A	649		44	38	29	1483	2117	611L	18
TREE	414743.73	-874423.05	1A	660		55	49	40	1545	2179	217R	28
TREE	414745.17	-874424.01	1A	674		69	63	54	1600	2234	370R	41
TREE	414748.36	-874423.80	1A	661		56	50	41	1845	2479	580R	23
TREE	414748.94	-874401.85	1A	671		66	60	51	3032	3666	585L	9
OL ANT ON BLDG	415244.01	-873810.20	1A	2324	1731171917131704	43021	43655	678R	699			
OL ANT ON BLDG	415306.67	-873717.55	2A	1780	1195117511691160	47428	48062	628L	44			

13C PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LT POLE	414646.50	-874433.00	1A	645		38	34	25	-6680	-6218	324L	33
OL ON LT POLE	414648.06	-874431.87	1A	641		34	30	21	-6634	-6172	497L	30
TREE	414641.64	-874440.08	1A	637		30	26	17	-6631	-6169	403R	25
ANT ON BLDG	414646.39	-874434.19	1A	625		18	14	5	-6623	-6160	254L	13
OL ON LT POLE	414649.07	-874433.11	1A	643		36	32	23	-6495	-6033	*506L	31

13C PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	414650.82	-874449.95	1A	621		14	10	1	-5448	-4986	245R	9
OL ON GS	414653.48	-874456.09	1A	662		55	51	42	-4925	-4463	370R	49
OL ON LTD WSK	414717.94	-874528.16	1A	616		9	5	-4	-1459	-996	250R	7
OL ON GS	414717.93	-874530.44	1A	653		46	42	33	-1334	-872	370R	44
LT POLE	414733.73	-874537.25	1A	634		27	23	14	142	604	434L	27
OL ON DME	414733.12	-874538.78	1A	624		17	13	4	183	646	309L	17
OL ON LOC	414731.28	-874542.13	1A	617		10	6	-3	239	701	0R	9
TREE	414729.49	-874548.29	1A	663		56	52	43	452	915	453R	50
POLE	414736.15	-874542.04	1A	644		37	33	24	573	1036	361L	29
TREE	414731.15	-874551.00	1A	667		60	56	47	716	1179	473R	50
TREE	414733.28	-874557.20	1A	670		63	59	50	1205	1668	641R	43
TREE	414735.15	-874558.28	1A	657		50	46	37	1395	1857	560R	26
TREE	414746.15	-874549.38	1A	664		57	53	44	1674	2136	712L	27
TREE	414741.25	-874559.38	1A	666		59	55	46	1881	2344	169R	25
SPIRE	414739.68	-874607.32	1A	682		75	71	62	2207	2669	699R	34
TREE	414750.97	-874556.10	1A	672		65	61	52	2379	2841	714L	21
TREE	414745.68	-874606.27	1A	670		63	59	50	2568	3031	205R	15
OL ON MCWV TWR	414819.35	-874639.96	1A	746		139	135	126	6766	7228	508L	7

31C PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON DME	414733.12	-874538.78	1A	624		12	11	4	-6705	-6010	309R	17
LT POLE	414733.73	-874537.25	1A	634		22	21	14	-6664	-5968	434R	27
OL ON GS	414717.93	-874530.44	1A	653		41	40	33	-5188	-4492	370L	44
OL ON LTD WSK	414717.94	-874528.16	1A	616		4	3	-4	-5063	-4368	250L	7
OL ON GS	414653.48	-874456.09	1A	662		50	49	42	-1597	-901	370L	49
OL ON LTD WSK	414650.82	-874449.95	1A	621		9	8	1	-1074	-378	245L	9
OL ON LT POLE	414649.07	-874433.11	1A	643		31	30	23	-27	669	*506R	31
ANT ON BLDG	414646.39	-874434.19	1A	625		13	12	5	101	796	254R	13
TREE	414641.64	-874440.08	1A	637		25	24	17	109	805	403L	25
OL ON LT POLE	414648.06	-874431.87	1A	641		29	28	21	112	808	497R	30
OL ON LT POLE	414646.50	-874433.00	1A	645		33	32	25	158	854	324R	33
CHY	414640.22	-874439.90	1A	639		27	26	19	218	913	498L	27
BLAST FENCE	414644.03	-874434.74	1A	621		9	8	1	235	931	51R	8

31C PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LOC	414643.57	-874435.09	1A	619		7	6	-1	248	943	1L	6
OL ON LT POLE	414645.13	-874432.89	1A	637		25	24	17	260	955	229R	24
TREE	414640.00	-874436.84	1A	672		60	59	52	401	1097	354L	56
TREE	414645.04	-874428.35	1A	661		49	48	41	515	1211	459R	43
TREE	414637.05	-874436.74	1A	660		48	47	40	612	1308	*565L	40
TREE	414644.69	-874425.29	1A	680		68	67	60	708	1403	*593R	58
FLGPL	414636.78	-874432.94	1A	663		51	50	43	840	1536	386L	39
TREE	414641.74	-874423.05	1A	658		46	45	38	1037	1733	494R	29
TREE	414635.58	-874423.72	1A	671		59	58	51	1430	2126	7R	35
TREE	414633.88	-874422.92	1A	675		63	62	55	1593	2288	76L	35
TREE	414633.84	-874416.84	1A	683		71	70	63	1929	2625	239R	37
TREE	414632.29	-874417.18	1A	689		77	76	69	2019	2714	108R	41
TREE	414623.95	-874421.42	1A	689		77	76	69	2367	3063	726L	34
TREE	414621.77	-874416.34	1A	700		88	87	80	2799	3494	620L	37

13L BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON WSK	414700.78	-874448.69	1A	623		17	15	3	-4391	-3639	235R	15
OL ON LTD WSK	414727.32	-874516.75	1A	615		9	7	-5	-999	-247	249L	9
LT POLE	414734.27	-874527.39	1A	637		31	29	17	70	822	204L	31
TREE	414734.94	-874526.98	1A	644		38	36	24	94	846	*275L	38
TREE	414734.56	-874532.65	1A	653		47	45	33	379	1131	49R	37
TREE	414735.39	-874535.18	1A	655		49	47	35	575	1328	120R	30
TREE	414739.48	-874535.97	1A	646		40	38	26	905	1657	139L	5
TREE	414739.61	-874539.77	1A	652		46	44	32	1122	1874	50R	0
POLE	414742.37	-874544.05	1A	651		45	43	31	1550	2302	71R	-23
TREE	414747.23	-874542.33	1A	667		61	59	47	1794	2546	376L	-19
TREE	414746.15	-874549.38	1A	664		58	56	44	2106	2858	71R	-38
TREE	414747.77	-874549.35	1A	664		58	56	44	2217	2969	49L	-43
TREE	414750.97	-874556.10	1A	672		66	64	52	2811	3563	69R	-65

31R BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	414734.94	-874526.98	1A	644		36	35	24	-5235		*275R	38
LT POLE	414734.27	-874527.39	1A	637		29	28	17	-5211		204R	31
OL ON LTD WSK	414727.32	-874516.75	1A	615		7	6	-5	-4142		249R	9
OL ON WSK	414700.78	-874448.69	1A	623		15	14	3	-750		235L	15
OL ON LT	414657.00	-874433.24	1A	633		25	24	13	362		*294R	16
TREE	414656.02	-874431.71	1A	643		35	34	23	514		*302R	19
OL ON POLE	414654.93	-874430.51	1A	642		34	33	22	656		285R	11
OL ON LT POLE	414649.07	-874433.11	1A	643		35	34	23	922		280L	-2
OL ON LT POLE	414648.06	-874431.87	1A	641		33	32	21	1061		290L	-10
TREE	414649.24	-874429.00	1A	663		55	54	43	1136		54L	8
TREE	414651.82	-874424.78	1A	671		63	62	51	1187		*356R	14
TREE	414647.38	-874429.53	1A	655		47	46	35	1236		217L	-5
TREE	414650.16	-874425.15	1A	675		67	66	55	1283		215R	12
TREE	414645.04	-874428.35	1A	661		53	52	41	1464		328L	-11
TREE	414644.69	-874425.29	1A	680		72	71	60	1656		194L	-1
TREE	414641.74	-874423.05	1A	658		50	49	38	1986		293L	-40
TREE	414633.84	-874416.84	1A	683		75	74	63	2877		*549L	-59

13R AV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	414653.48	-874456.09	1A	662		55	50	42	-3598		*130L	49
OL ON GS	414717.93	-874530.44	1A	653		46	41	33	-7		*130L	46
TREE	414725.29	-874544.89	1A	647		40	35	27	1300		84R	-15
TREE	414725.75	-874548.02	1A	662		55	50	42	1504		214R	-10
TREE	414727.36	-874549.87	1A	662		55	50	42	1718		192R	-20
TREE	414729.49	-874548.29	1A	663		56	51	43	1780		47L	-23
TREE	414731.15	-874551.00	1A	667		60	55	47	2044		27L	-32
TREE	414733.28	-874557.20	1A	670		63	58	50	2533		141R	-54
TREE	414735.15	-874558.28	1A	657		50	45	37	2722		60R	-76
TREE	414741.25	-874559.38	1A	666		59	54	46	3209		331L	-92
SPIRE	414739.68	-874607.32	1A	682		75	70	62	3534		199R	-92
TREE	414745.68	-874606.27	1A	670		63	58	50	3895		295L	-122

31L AV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	414717.93	-874530.44	1A	653		40	40	33	-3852		*130R	46
OL ON GS	414653.48	-874456.09	1A	662		49	49	42	-261		*130R	49
LT POLE	414641.75	-874443.66	1A	644		31	31	24	1241		82L	-21
TREE	414641.64	-874440.08	1A	637		24	24	17	1445		98R	-39
CHY	414640.22	-874439.90	1A	639		26	26	19	1554		3R	-42
TREE	414637.66	-874440.44	1A	654		41	41	34	1703		213L	-34
TREE	414638.03	-874439.35	1A	645		32	32	25	1737		129L	-45
TREE	414640.00	-874436.84	1A	672		59	59	52	1737		147R	-18
TREE	414637.05	-874436.74	1A	660		47	47	40	1949		65L	-40
FLGPL	414636.78	-874432.94	1A	663		50	50	43	2176		114R	-48
TREE	414633.88	-874422.92	1A	675		62	62	55	2929		*425R	-74
TREE	414623.95	-874421.42	1A	689		76	76	69	3703		225L	-99
TREE	414621.77	-874416.34	1A	700		87	87	80	4135		120L	-109

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
OL ON AMOM	414719.09	-874502.28	1A	630		10		2924	1086	21
OL ON LTD WSK	414703.76	-874531.23	1A	621		1		25359	1803	6
OL ON GS	414717.93	-874530.44	1A	653		33		30011	1855	45
ANT ON OL ATCT	414648.77	-874508.60	1A	757		137		18235	2098	55
LT	414704.09	-874441.22	1A	635		15		10732	2153	5
ANT ON OL BLDG	414712.30	-874440.26	1A	725		105		8518	2173	43
HGR	414731.60	-874520.45	1A	669		49		34106	2408	46
OL ON HGR	414732.43	-874458.46	1A	675		55		2116	2447	41
OL ON HGR	414701.83	-874539.55	1A	667		47		25426	2463	2
FENCE	414734.29	-874452.58	1A	616		-4		2844	2791	9
OL ON HGR	414644.20	-874451.12	1A	661		41		15519	2887	8
OL ON LT	414700.30	-874432.33	1A	663		43		11129	2909	8
TREE	414734.94	-874526.98	1A	644		24		33432	2924	34
OL ON LT	414657.00	-874433.24	1A	633		13		11801	2970	12
VENT ON OL BLDG	414643.04	-874526.13	1A	666		46		20902	2987	40
TREE	414655.24	-874543.32	1A	653		33		24359	2994	23
TREE	414737.01	-874526.46	1A	665		45		33701	3093	29
TREE	414656.02	-874431.71	1A	643		23		11845	3117	16

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
LT		414722.53	-874431.35	1A	661		41		6748	3122	12
TREE		414725.29	-874544.89	1A	647		27		30302	3174	28
LT POLE		414734.86	-874441.82	1A	639		19		4113	3277	15
TREE		414653.53	-874547.48	1A	669		49		24359	3353	19
LT POLE		414641.75	-874443.66	1A	644		24		14846	3390	20
OL ON LT POLE		414649.07	-874433.11	1A	643		23		13016	3398	30
TREE		414725.75	-874548.02	1A	662		42		30142	3403	25
LT POLE		414646.74	-874542.61	1A	653		33		23055	3450	16
TREE		414638.31	-874529.57	1A	681		61		20924	3531	35
LT POLE		414728.31	-874429.09	1A	639		19		6024	3554	30
TREE		414727.36	-874549.87	1A	662		42		30254	3605	28
TREE		414649.24	-874429.00	1A	663		43		12705	3641	18
TREE		414647.38	-874429.53	1A	655		35		12949	3717	33
TREE		414644.45	-874545.24	1A	675		55		23018	3754	41
TREE		414650.01	-874551.03	1A	675		55		24112	3765	16
TREE		414651.82	-874424.78	1A	671		51		12104	3778	13
TREE		414739.61	-874539.77	1A	652		32		32507	3851	13
ANT ON OL TWR		414717.55	-874418.87	1A	762		142		8036	3862	-8
TREE		414637.66	-874440.44	1A	654		34		14912	3870	12
TREE		414638.03	-874439.35	1A	645		25		14752	3885	15
TREE		414637.05	-874436.74	1A	660		40		14624	4081	40
TREE		414644.69	-874425.29	1A	680		60		13010	4138	55
TREE		414642.89	-874550.63	1A	677		57		23230	4165	16
POLE		414742.37	-874544.05	1A	651		31		32358	4272	15
TREE		414736.22	-874415.72	1A	657		37		5849	4839	24
TREE		414747.77	-874549.35	1A	664		44		32419	4948	12
TREE		414747.93	-874427.98	1A	667		47		4112	4965	24
TREE		414749.01	-874429.62	1A	670		50		3918	4976	3
OL ON BLDG		414627.68	-874433.62	1A	678		58		15040	4999	-16
SPIRE		414739.68	-874607.32	1A	682		62		30719	5390	-88
TREE		414745.68	-874606.27	1A	670		50		31249	5695	-100
TREE		414623.95	-874421.42	1A	689		69		14457	5839	-81
TREE		414621.77	-874416.34	1A	700		80		14324	6252	-69
ROD ON BLDG		414625.98	-874615.79	1A	700		80		23153	6727	-70
TK		414818.00	-874620.38	1A	756		136		32444	8807	23
ANT ON BLDG		414514.09	-874350.58	1A	794		174		15555	13096	24

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.