

AERONAUTICAL DATA SHEET
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 10/01/2001

PROJECT NUMBER: 804
 ARPT IDENTIFIER: BWI
 ARPT NAME: BALTIMORE-WASHINGTON INTERNATIONAL AIRPORT
 CITY: BALTIMORE
 STATE: MARYLAND
 ARPT ELEVATION: 146.0
 AIRPORT REFERENCE POINT

SITE NUMBER: 08456.A
 SURVEY DATE: 12/18/2000
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88
 ATCT FLOOR ELEV: 252.0
 DECLINATION: 11.0W

DISTANCE FROM RWY END: 4+0
 LATITUDE: 391031.3
 LONGITUDE: -764006.0

RUNWAY INFORMATION

RUNWAY: 4/22 LENGTH: 6000 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
4	391000.7613	-764016.9238	146.0	331142	146.0				
22	391050.3846	-763935.2074	137.7	2131208	143.0				

PROFILE DATA

DISTANCES FROM APPROACH END 4

DISTANCES FROM APPROACH END 22

DISTANCE	ELEV
0	146.0
1604	141.8
2276	141.2
2835	142.8
4639	142.6
6000	137.7

DISTANCE	ELEV
0	137.7
1361	142.6
3166	142.8
3725	141.2
4396	141.8
6000	146.0

RUNWAY: 10/28 LENGTH: 10502 WIDTH: 200 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
10	391029.0898	-764122.6260	139.0	941143	143.1	550	391028.6923	-764115.6638	141.2
28	391021.4755	-763909.6336	126.2	2741307	142.4	500	391021.8388	-763915.9620	128.6

PROFILE DATA

DISTANCES FROM APPROACH END 10

DISTANCES FROM APPROACH END 28

DISTANCE	ELEV
0	139.0
550	141.2
1668	143.0
3930	137.8
5245	140.2
6744	142.8
7628	140.3
10002	128.6
10502	126.2

DISTANCE	ELEV
0	126.2
500	128.6
2874	140.3
3758	142.8
5257	140.2
6572	137.8
8833	143.0
9952	141.2
10502	139.0

RUNWAY: 15L/33R LENGTH: 5000 WIDTH: 100 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
15L	391114.5443	-763948.7449	141.5	1441338	141.5				
33R	391034.4482	-763911.6303	114.1	3241402	124.4				

PROFILE DATA

DISTANCES FROM APPROACH END 15L

DISTANCES FROM APPROACH END 33R

DISTANCE	ELEV
0	141.5
3069	115.7
3607	114.2

DISTANCE	ELEV
0	114.1
1393	114.2
1930	115.7

DISTANCES FROM APPROACH END 15L

DISTANCES FROM APPROACH END 33R

DISTANCE	ELEV
5000	114.1

DISTANCE	ELEV
5000	141.5

RUNWAY: 15R/33L LENGTH: 9501 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA

DISPLACED THRESHOLD DATA

GEODETIC

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
15R	391107.3179	-764055.1421	138.6	1441203	138.6				
33L	390951.1496	-763944.5833	129.2	3241247	142.0				

PROFILE DATA

DISTANCES FROM APPROACH END 15R

DISTANCES FROM APPROACH END 33L

DISTANCE	ELEV
0	138.6
2755	131.7
5242	140.2
6647	141.8
9501	129.2

DISTANCE	ELEV
0	129.2
2854	141.8
4259	140.2
6746	131.7
9501	138.6

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NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR (BAL)	391046.1506	-764101.8323	156.9		
GS (10)	391024.0216	-764103.1890	137.6		
GS (10) PP	391027.9584	-764102.8177	143.1	399R	1564
GS (15L)	391103.6746	-763944.2376	138.1		
GS (15L) PP	391105.7252	-763940.5804	131.9	355R	1100
GS (15R)	391056.5442	-764049.4401	131.7		
GS (15R) PP	391058.1251	-764046.6235	135.6	273R	1147
GS (28)	391018.8381	-763928.4151	130.4		
GS (28) PP	391022.5333	-763928.0652	133.4	375L	1456
GS (33L)	391000.3036	-763948.8297	128.6		
GS (33L) PP	390958.7413	-763951.6135	133.1	270R	947
GS (33R)	391040.0486	-763921.1916	110.3		
GS (33R) PP	391041.6647	-763918.3091	114.2	280L	900
IM (10)	391031.2366	-764127.1101			415
LOC (10)	391020.5921	-763854.2899	137.6		1212
LOC (15L)	391031.2159	-763908.6414	101.9		403
LOC (15R)	390936.9690	-763931.4447	102.0		1769
LOC (28)	391029.4514	-764128.9573	137.1		500
LOC (33L)	391110.7693	-764058.3397	132.4		431
LOC (33R)	391116.9722	-763950.9904	134.5		303
MM (10)	391030.8517	-764153.9880			2476
MM (15L)	391137.1342	-764009.6583			2817
MM (15R)	391133.1482	-764119.1139			3224
MM (33L)	390929.1455	-763926.7438			2633
MM (33R)	391009.5915	-763848.5784			3102
NDB (FND)	391714.4662	-764637.2632			
OM (15L)	391455.3427	-764316.6323			27691
OM (15R)	391413.4542	-764352.1032			23424
OM (33L)	390636.9216	-763643.6916			24276
VORTAC (BAL)	391015.8290	-763940.5215	140.0		

VISUAL	LATITUDE	LONGITUDE
ALS (10)		
ALS (15R)		
ALS (28)		
ALS (33L)		
ALS (33R)		
APBN	391012.5108	-764022.4342
PAPI (15L)		
PAPI (33R)		
REIL (4)		
REIL (15L)		
REIL (22)		
REIL (33R)		
VASI (4)		
VASI (22)		
VASI (28)		
VASI (33L)		

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OBSTRUCTION INFORMATION

4 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	391050.56	-763933.08	1A	134		-12	-12	-12	-6106		130R	-4
OL ON WSK	391040.83	-763939.77	1A	162		16	16	16	-4994		229R	21
OL ON LTD WSK	391010.18	-764012.37	1A	170		24	24	24	-993		222L	27
LT POLE	390944.35	-764024.99	1A	186		40	40	40	1737		377R	-5
LT POLE	390943.65	-764023.89	1A	189		43	43	43	1749		*489R	-2
TREE	390945.34	-764037.48	1A	197		51	51	51	2192		501L	-8

22 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	391010.18	-764012.37	1A	170		32	27	24	-5007		222R	27
OL ON WSK	391040.83	-763939.77	1A	162		24	19	16	-1006		229L	21
GRD	391050.56	-763933.08	1A	134		-4	-9	-12	106		130L	-4
ROD ON OL POLE	391102.29	-763917.89	1A	186		48	43	40	1755		481L	2
ROD ON OL LT POLE	391104.49	-763918.36	1A	197		59	54	51	1920		329L	8
ROD ON OL LT POLE	391107.12	-763920.55	1A	187		49	44	41	2048		38L	-5
OL ON LT POLE	391109.98	-763923.20	1A	197		59	54	51	2177		295R	1
TREE	391107.38	-763913.62	1A	199		61	56	53	2370		481L	-2
TREE	391114.75	-763919.52	1A	206		68	63	60	2740		316R	-7

10 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BLDG	391024.59	-763908.67	1A	133		-6	-10	-13	-10554	-10005	320L	7
GRD	391026.81	-763910.34	1A	125		-14	-18	-21	-10407	-9857	*535L	-2
OL ON GS	391018.84	-763928.42	1A	161		22	18	15	-9046	-8497	375R	28

10 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON WSK	391019.79	-763928.94	1A	156		17	13	10	-8998	-8448	282R	22
OL ON TMOM	391018.59	-763930.33	1A	152		13	9	6	-8898	-8348	411R	18
OL ON TMOM	391018.17	-763933.49	1A	150		11	7	4	-8653	-8103	472R	15
ELEC EQUIP	391027.07	-764002.43	1A	151		12	8	5	-6314	-5764	259L	9
TMOM	391022.19	-764018.25	1A	155		16	12	9	-5107	-4557	325R	15
OL ON TMOM	391020.94	-764018.56	1A	158		19	15	12	-5093	-4543	453R	18
ROD ON OL TMOM	391020.51	-764021.83	1A	159		20	16	13	-4839	-4289	*515R	20
ROD ON OL TMOM	391023.40	-764057.90	1A	155		16	12	9	-1984	-1435	432R	13
ROD ON OL TMOM	391022.94	-764101.21	1A	155		16	12	9	-1727	-1178	498R	12
ROD ON OL GS	391024.02	-764103.19	1A	183		44	40	37	-1564	-1014	399R	40
OL ON LTD WSK	391030.49	-764102.80	1A	170		31	27	24	-1547	-997	255L	27
OL ON LOC	391029.45	-764128.96	1A	144		5	1	-2	500	1050	0R	-1
POLE	391036.94	-764138.69	1A	166		27	23	20	1320	1870	*699L	5
POLE	391034.19	-764139.35	1A	162		23	19	16	1351	1901	418L	0
POLE	391028.71	-764140.64	1A	165		26	22	19	1412	1962	142R	2
POLE	391026.08	-764141.26	1A	165		26	22	19	1441	1991	411R	2
TREE	391033.79	-764141.24	1A	167		28	24	21	1497	2047	368L	2
TREE	391026.45	-764145.49	1A	182		43	39	36	1776	2326	398R	12
TREE	391034.75	-764211.39	1A	207		68	64	61	3871	4421	290L	-6
TREE	391033.58	-764217.77	1A	221		82	78	75	4364	4914	135L	-2
TREE	391030.39	-764221.87	1A	237		98	94	91	4663	5212	209R	9

28 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	391030.49	-764102.80	1A	170		44	28	24	-8955	-8456	255R	27
ROD ON OL GS	391024.02	-764103.19	1A	183		57	41	37	-8938	-8438	399L	40
ROD ON OL TMOM	391022.94	-764101.21	1A	155		29	13	9	-8774	-8275	498L	12
ROD ON OL TMOM	391023.40	-764057.90	1A	155		29	13	9	-8518	-8018	432L	13
ROD ON OL TMOM	391020.51	-764021.83	1A	159		33	17	13	-5663	-5164	*515L	20
OL ON TMOM	391020.94	-764018.56	1A	158		32	16	12	-5409	-4910	453L	18
TMOM	391022.19	-764018.25	1A	155		29	13	9	-5395	-4895	325L	15
ELEC EQUIP	391027.07	-764002.43	1A	151		25	9	5	-4188	-3688	259R	9
OL ON TMOM	391018.17	-763933.49	1A	150		24	8	4	-1849	-1349	472L	15
OL ON TMOM	391018.59	-763930.33	1A	152		26	10	6	-1604	-1104	411L	18

28 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON WSK	391019.79	-763928.94	1A	156		30	14	10	-1504	-1004	282L	22
OL ON GS	391018.84	-763928.42	1A	161		35	19	15	-1456	-956	375L	28
GRD	391026.81	-763910.34	1A	125		-1	-17	-21	-95	405	*535R	-2
BLDG	391024.59	-763908.67	1A	133		7	-9	-13	52	552	320R	7
TREE	391026.01	-763854.68	1A	152		26	10	6	1141	1640	544R	7
TREE	391024.88	-763854.00	1A	154		28	12	8	1202	1702	434R	8
OL ON LOC	391020.59	-763854.29	1A	145		19	3	-1	1212	1711	0R	-1

15L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	391040.05	-763921.19	1A	136		-5	-5	-10	-4100		280R	22
GRD	391050.56	-763933.08	1A	134		-7	-7	-12	-2690		418R	15
GRD	391059.94	-763942.15	1A	137		-4	-4	-9	-1503		443R	8
OL ON GS	391103.67	-763944.24	1A	184		43	43	38	-1100		355R	52
GRD	391107.86	-763949.56	1A	144		3	3	-2	-512		448R	7
SIGN	391111.48	-763954.28	1A	162		21	21	16	3		*535R	21
OL ON LOC	391116.97	-763950.99	1A	140		-1	-1	-6	303		0R	-3
SIGN	391122.29	-763948.97	1A	155		14	14	9	646		444L	4
POST	391119.00	-763959.71	1A	161		20	20	15	871		437R	6
FENCE	391118.12	-764001.51	1A	160		19	19	14	881		*604R	5
TREE	391126.08	-763949.33	1A	186		45	45	40	974		*645L	29
BLDG	391118.76	-764002.89	1A	183		42	42	37	997		*654R	26
RR	391126.76	-763950.21	1A	159		18	18	13	1070		629L	0
FENCE	391121.12	-764000.89	1A	158		17	17	12	1099		387R	-1
SIGN	391127.33	-763954.94	1A	166		25	25	20	1335		360L	2
TREE	391133.96	-763954.35	1A	244		103	103	98	1852		*790L	70
POLE	391128.29	-764009.22	1A	177		36	36	31	2071		495R	-2
TREE	391137.87	-763957.02	1A	260		119	119	114	2296		*851L	77
OL POLE	391138.49	-763957.81	1A	254		113	113	108	2383		*837L	69
OL ON POLE	391137.91	-764006.51	1A	216		75	75	70	2736		247L	24
TREE	391132.97	-764019.42	1A	221		80	80	75	2924		870R	25
TREE	391141.02	-764006.47	1A	239		98	98	93	2989		433L	41
TREE	391137.07	-764014.62	1A	234		93	93	88	3040		320R	36
TREE	391136.53	-764017.02	1A	229		88	88	83	3106		506R	29

15L PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	391143.50	-764004.73	1A	249		108	108	103	3112		692L	49
TREE	391139.67	-764014.05	1A	256		115	115	110	3227		130R	54
TREE	391143.63	-764013.85	1A	262		121	121	116	3543		117L	54
TREE	391144.70	-764012.21	1A	253		112	112	107	3555		285L	45
OL POLE	391142.08	-764023.68	1A	251		110	110	105	3868		603R	36
TREE	391145.17	-764034.93	1A	289		148	148	143	4640		1139R	59
TREE	391155.37	-764041.58	1A	259		118	118	113	5783		959R	5
TREE	391159.45	-764038.22	1A	277		136	136	131	5964		504R	20
TREE	391157.92	-764050.98	1A	286		145	145	140	6425		1409R	20
TREE	391202.39	-764044.39	1A	278		137	137	132	6488		724R	10
TREE	391202.79	-764047.87	1A	285		144	144	139	6682		923R	14
TREE	391200.29	-764053.92	1A	273		132	132	127	6755		1457R	1
TREE	391202.70	-764055.58	1A	279		138	138	133	7029		1421R	1
ROD ON OL TWR	391641.69	-764502.70	1A	1437	977129612961291				41298		675R	318
OL TWR	391714.08	-764516.47	1A	1209	672106810681063				44588		366L	8
OL TWR	391716.23	-764537.03	1A	1504	993136313631358				45711		817R	275

33R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
SIGN	391111.48	-763954.28	1A	162		48	38	16	-5003		*535L	21
GRD	391107.86	-763949.56	1A	144		30	20	-2	-4488		448L	7
OL ON GS	391103.67	-763944.24	1A	184		70	60	38	-3900		355L	52
GRD	391059.94	-763942.15	1A	137		23	13	-9	-3497		443L	8
GRD	391050.56	-763933.08	1A	134		20	10	-12	-2310		418L	15
OL ON GS	391040.05	-763921.19	1A	136		22	12	-10	-900		280L	22
TREE	391034.33	-763904.94	1A	121		7	-3	-25	318		421R	4
OL ON LOC	391031.22	-763908.64	1A	110		-4	-14	-36	403		0R	-8
GRD	391027.62	-763911.91	1A	124		10	0	-22	547		421L	3
GRD	391026.81	-763910.34	1A	125		11	1	-21	686		369L	1
TREE	391032.02	-763859.69	1A	135		21	11	-11	749		*620R	10
OL POLE	391030.63	-763858.43	1A	161		47	37	15	921		*618R	33
BLDG	391024.59	-763908.67	1A	133		19	9	-13	945		394L	4
TREE	391026.01	-763854.68	1A	152		38	28	6	1473		584R	13
TREE	391024.88	-763854.00	1A	154		40	30	8	1597		561R	12

33R PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LOC	391020.59	-763854.29	1A	145		31	21	-1	1936		289R	-3
TREE	391012.52	-763901.82	1A	170		56	46	24	2252		670L	15
TREE	391011.11	-763900.52	1A	172		58	48	26	2427		670L	13
TREE	391009.56	-763858.51	1A	168		54	44	22	2647		634L	5
TREE	391010.90	-763854.85	1A	162		48	38	16	2706		321L	-2
TREE	391006.55	-763857.10	1A	180		66	56	34	2959		721L	11

15R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
RD(N)	390946.76	-763948.33	1A	131		-8	-8	-15	-9689		499R	2
OL ON GS	391000.30	-763948.83	1A	159		20	20	13	-8554		270L	26
OL ON TMOM	391005.72	-763951.81	1A	151		12	12	5	-7972		400L	15
OL ON TMOM	391007.64	-763953.91	1A	151		12	12	5	-7718		380L	14
OL ON TMOM	391020.94	-764018.56	1A	158		19	19	12	-5492		408R	18
TMOM	391022.19	-764018.25	1A	155		16	16	9	-5403		314R	15
GRD	391031.29	-764017.05	1A	141		2	2	-5	-4711		301L	2
GRD	391033.21	-764016.63	1A	140		1	1	-6	-4573		441L	3
GRD	391042.98	-764025.95	1A	136		-3	-3	-10	-3342		425L	2
GRD	391051.85	-764033.76	1A	139		0	0	-7	-2254		450L	6
OL ON GS	391056.54	-764049.44	1A	158		19	19	12	-1147		273R	22
FENCE	391111.94	-764051.32	1A	149		10	10	3	203		*518L	10
ROD ON OL BLDG	391107.67	-764101.85	1A	140		1	1	-6	338		407R	-1
TREE	391112.55	-764053.78	1A	143		4	4	-3	367		397L	1
OL ON LOC	391110.77	-764058.34	1A	142		3	3	-4	431		0R	-1
TREE	391109.97	-764106.24	1A	143		4	4	-3	729		552R	-6
TREE	391111.14	-764108.03	1A	154		15	15	8	908		597R	1
TREE	391116.82	-764113.70	1A	162		23	23	16	1634		623R	-6
TREE	391128.87	-764105.04	1A	191		52	52	45	2225		644L	11
TREE	391130.23	-764103.17	1A	205		66	66	59	2250		*843L	25
TREE	391134.71	-764119.92	1A	189		50	50	43	3389		39L	-14
ANT ON OL MCWV ON BLDG	391150.44	-764120.89	1A	265		126	126	119	4725		908L	36
ROD ON OL TWR	391641.69	-764502.70	1A	1437	977129812981291				38833		4005L	382
OL TWR	391714.08	-764516.47	1A	1209	672107010701063				42124		5046L	73
OL TWR	391716.23	-764537.03	1A	1504	993136513651358				43246		3863L	339

33L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	391056.54	-764049.44	1A	158		29	16	12	-8354		273L	22
GRD	391051.85	-764033.76	1A	139		10	-3	-7	-7246		450R	6
GRD	391042.98	-764025.95	1A	136		7	-6	-10	-6159		425R	2
GRD	391033.21	-764016.63	1A	140		11	-2	-6	-4928		441R	3
GRD	391031.29	-764017.05	1A	141		12	-1	-5	-4790		301R	2
TMOM	391022.19	-764018.25	1A	155		26	13	9	-4098		314L	15
OL ON TMOM	391020.94	-764018.56	1A	158		29	16	12	-4009		408L	18
OL ON TMOM	391007.64	-763953.91	1A	151		22	9	5	-1783		380R	14
OL ON TMOM	391005.72	-763951.81	1A	151		22	9	5	-1529		400R	15
OL ON GS	391000.30	-763948.83	1A	159		30	17	13	-947		270R	26
RD(N)	390946.76	-763948.33	1A	131		2	-11	-15	188		499L	2
POLE	390940.66	-763943.71	1A	141		12	-1	-5	901		565L	-3
POLE	390940.89	-763926.65	1A	129		0	-13	-17	1668		539R	-30
TREE	390933.35	-763934.06	1A	150		21	8	4	1945		380L	-14
TREE	390937.77	-763925.70	1A	140		11	-2	-6	1968		415R	-25
TREE	390848.51	-763858.55	1A	271		142	129	125	7261		764L	0
TREE	390845.16	-763902.18	1A	273		144	131	127	7370		1194L	1
ROD ON TWR	390846.10	-763858.54	1A	283		154	141	137	7460		906L	8

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
LT POLE	391034.43	-764009.44	1A	221		75		33027	417	15
LT	391039.41	-764014.28	1A	220		74		33231	1048	18
ROD ON OL ATCT	391045.11	-764006.28	1A	285		139		1006	1398	-11
ROD ON OL TMOM	391020.51	-764021.83	1A	159		13		23948	1657	18
ROD ON OL AMOM	391031.52	-763944.15	1A	174		28		10014	1721	2
LT ON TWR	391015.44	-763954.35	1A	186		40		16114	1849	2
TWR	391045.04	-764023.44	1A	164		18		32621	1954	1
ANT ON OL APBN	391012.51	-764022.43	1A	227		81		22515	2300	-7
OL VORTAC	391015.83	-763940.52	1A	185		39		13857	2545	12
FENCE	391004.55	-764007.17	1A	150		4		19257	2708	-11
ROD ON LT	391055.24	-763948.05	1A	224		78		4115	2805	11
ELEC EQUIP	391028.97	-763929.18	1A	148		2		10539	2909	-7
TREE	391005.25	-764023.16	1A	208		62		21808	2962	4

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
TREE		391045.49	-764043.96	1A	175		29	30639		3316	31
TREE		391003.41	-763942.93	1A	185		39	15813		3356	4
TREE		391013.68	-763927.39	1A	180		34	13122		3524	-8
TREE		390959.59	-763937.47	1A	196		50	15559		3916	1
TREE		391049.96	-764049.94	1A	195		49	30937		3942	33
LT POLE		391104.19	-764037.06	1A	202		56	33441		4130	-1
SIGN		391111.48	-763954.28	1A	162		16	2347		4169	16
TREE		390956.81	-763936.21	1A	158		12	15705		4205	-25
TREE		391054.41	-763919.32	1A	172		26	6832		4357	29
TREE		391051.32	-763914.96	1A	189		43	7414		4501	34
TREE		391055.80	-764053.91	1A	163		17	31418		4514	13
TREE		391042.18	-763909.95	1A	188		42	8659		4550	64
LT POLE		391107.64	-764040.24	1A	206		60	33445		4560	2
LT		391108.45	-763933.14	1A	163		17	4532		4564	12
TREE		391040.97	-763908.87	1A	183		37	8843		4604	60
LT POLE		391110.16	-763934.70	1A	165		19	4304		4640	12
ANT ON OL ASR		391046.15	-764101.83	1A	261		115	29952		4646	-35
TREE		391013.86	-763911.00	1A	178		32	12309		4677	12
TREE		390945.57	-763954.62	1A	205		59	18002		4713	8
FENCE		391118.12	-764001.51	1A	160		14	1516		4750	5
TREE		391038.74	-764105.78	1A	214		68	29005		4767	-10
OL ON LTD WSK		391107.05	-764045.77	1A	160		14	33007		4785	10
BLDG		391118.76	-764002.89	1A	183		37	1355		4808	21
LT POLE		390943.65	-764023.89	1A	189		43	20717		5023	-3
TREE		391059.83	-764058.67	1A	173		27	31550		5053	12
LT POLE		391117.62	-763938.95	1A	174		28	3526		5148	-10
TREE		391032.93	-763900.26	1A	167		21	9910		5180	34
TREE		391032.02	-763859.69	1A	135		-11	10011		5223	5
LT		391120.44	-763942.29	1A	175		29	3135		5310	-4
OL POLE		391030.63	-763858.43	1A	161		15	10143		5322	31
TREE		391032.50	-763858.35	1A	165		19	9941		5329	19
TREE		390947.40	-763928.14	1A	161		15	15707		5350	-14
LT POLE		391112.69	-764048.90	1A	166		20	33207		5380	-4
POLE		390940.50	-763945.72	1A	147		1	17344		5382	-10
TREE		391041.13	-764113.32	1A	214		68	29138		5394	-37
TREE		390939.97	-763946.42	1A	180		34	17428		5418	12
FENCE		391111.94	-764051.32	1A	149		3	33003		5444	8

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
LT POLE		391122.62	-763945.13	1A	164		18		2834	5446	-7
TREE		391126.08	-763949.33	1A	186		40		2419	5696	25
TREE		390937.70	-763943.71	1A	170		24		17303	5700	8
ROD ON OL TK		391054.62	-764112.93	1A	229		83		30507	5775	-67
LT POLE		391118.27	-764048.55	1A	166		20		33549	5815	-54
TREE		391106.79	-764104.30	1A	145		-1		31902	5829	-10
TREE		390943.01	-763924.40	1A	165		19		15709	5883	-6
SIGNAL		391128.99	-764016.27	1A	204		58		306	5892	8
TREE		391037.28	-764121.42	1A	190		44		28649	5970	4
TREE		390935.12	-763941.73	1A	172		26		17224	5997	7
TREE		391118.11	-764053.06	1A	179		33		33257	6014	3
OL TWR		391047.21	-764122.24	1A	278		132		29600	6216	-18
TREE		391121.53	-764053.00	1A	192		46		33456	6287	-13
TREE		391133.96	-763954.35	1A	244		98		1913	6406	64
ANT		391110.60	-764110.18	1A	170		24		31912	6430	-5
TREE		391021.42	-764126.93	1A	190		44		27205	6451	9
TREE		391136.97	-763955.20	1A	253		107		1817	6698	55
TREE		391137.87	-763957.02	1A	260		114		1659	6772	72
OL POLE		391138.49	-763957.81	1A	254		108		1625	6829	68
TREE		391140.40	-763958.22	1A	249		103		1600	7018	50
TREE		391021.51	-764134.65	1A	192		46		27256	7051	6
ROD ON TWR		391132.10	-764052.64	1A	260		114		34010	7164	-36
TREE		391140.17	-764031.38	1A	256		110		35460	7249	19
POLE		391039.72	-764138.04	1A	191		45		28742	7298	-15
POLE		391036.94	-764138.69	1A	166		20		28528	7322	1
TREE		391130.23	-764103.17	1A	205		59		33357	7471	20
TREE		391022.85	-764140.94	1A	176		30		27429	7526	5
TREE		391143.05	-764034.14	1A	273		127		35401	7590	35
TWR		391143.70	-763935.36	1A	262		116		2913	7713	-34
OL ON SPIPE		391133.84	-763825.06	1A	310		164		6228	10160	14
ANT ON OL TK		391204.91	-763907.04	1A	324		178		3706	10547	28
ROD ON OL BLDG		391110.29	-764211.41	1A	305		159		30247	10634	9
TREE		391045.57	-764223.54	1A	245		99		28836	10927	-3
ANT ON BLDG		391208.03	-764114.87	1A	277		131		34201	11188	-19
TREE		391048.47	-764229.24	1A	265		119		28946	11413	-20
ANT		390939.96	-764223.13	1A	278		132		25519	11984	-18
OL TK		390916.28	-764257.99	1A	312		166		25145	15528	-3

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".

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