

AERONAUTICAL DATA SHEET
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 04/04/2005

PROJECT NUMBER: 119
 ARPT IDENTIFIER: DTW
 ARPT NAME: DETROIT METROPOLITAN WAYNE COUNTY AIRPORT
 CITY: DETROIT
 STATE: MICHIGAN
 ARPT ELEVATION: 645.1
 AIRPORT REFERENCE POINT DISTANCE FROM RWY END: 4L+25
 LATITUDE: 421244.8 LONGITUDE: -832112.2

SITE NUMBER: 09749.A
 SURVEY DATE: 09/17/2004
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88
 ATCT FLOOR ELEV: 847.0
 DECLINATION: 6.9W

RUNWAY INFORMATION

RUNWAY: 3L/21R LENGTH: 8501 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
3L	421228.2046	-832104.3839	635.5	284223	636.2				
21R	421341.8524	-832010.1144	631.5	2084300	634.3				

PROFILE DATA

DISTANCES FROM APPROACH END 3L

DISTANCES FROM APPROACH END 21R

DISTANCE	ELEV
0	635.5
3927	635.0
8501	631.5

DISTANCE	ELEV
0	631.5
4574	635.0
8501	635.5

RUNWAY: 3R/21L LENGTH: 10001 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
3R	421144.2116	-832106.4896	633.0	284215	633.0				
21L	421310.8597	-832002.6545	631.9	2084258	632.1				

PROFILE DATA (CONTINUED)

ADSMI119

DISTANCES FROM APPROACH END 3R

DISTANCE	ELEV
0	633.0
1501	632.9
9064	632.1
10001	631.9

DISTANCES FROM APPROACH END 21L

DISTANCE	ELEV
0	631.9
937	632.1
8500	632.9
10001	633.0

RUNWAY: 4L/22R LENGTH: 10000 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
GEODETIC

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE
4L	421207.8224	-832302.3991	645.1	284052	645.1
22R	421334.4787	-832158.6121	642.1	2084135	642.1

DISPLACED THRESHOLD DATA

LENGTH	LATITUDE	LONGITUDE	ELEV

PROFILE DATA

DISTANCES FROM APPROACH END 4L

DISTANCE	ELEV
0	645.1
25	645.1
5031	641.2
10000	642.1

DISTANCES FROM APPROACH END 22R

DISTANCE	ELEV
0	642.1
4968	641.2
9975	645.1
10000	645.1

RUNWAY: 4R/22L LENGTH: 12003 WIDTH: 200 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
GEODETIC

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE
4R	421208.3677	-832216.5659	637.2	284139	638.0
22L	421352.3650	-832059.9660	635.8	2084231	637.1

DISPLACED THRESHOLD DATA

LENGTH	LATITUDE	LONGITUDE	ELEV

DISTANCES FROM APPROACH END 4R

DISTANCE	ELEV
0	637.2
4885	639.0
6103	638.2
7091	636.6
12003	635.8

DISTANCES FROM APPROACH END 22L

DISTANCE	ELEV
0	635.8
4912	636.6
5900	638.2
7117	639.0
12003	637.2

RUNWAY: 9L/27R LENGTH: 8708 WIDTH: 200 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
GEODETTIC

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)
9L	421301.0845	-832147.4036	638.1	884201
27R	421303.0195	-831951.7141	634.7	2684319

DISPLACED THRESHOLD DATA

TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
639.5				
634.7				

PROFILE DATA

DISTANCES FROM APPROACH END 9L

DISTANCE	ELEV
0	638.1
736	638.2
1859	639.5
4157	635.3
5125	635.0
7434	632.1
8708	634.7

DISTANCES FROM APPROACH END 27R

DISTANCE	ELEV
0	634.7
1274	632.1
3583	635.0
4551	635.3
6849	639.5
7972	638.2
8708	638.1

RUNWAY: 9R/27L LENGTH: 8500 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
GEODETTIC

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)
9R	421156.4555	-832142.2237	636.1	884218
27L	421158.3376	-831949.3288	629.1	2684334

DISPLACED THRESHOLD DATA

TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
636.1				
630.2				

DISTANCES FROM APPROACH END 9R

DISTANCE	ELEV
0	636.1
3411	632.9
5546	630.2
8500	629.1

DISTANCES FROM APPROACH END 27L

DISTANCE	ELEV
0	629.1
2954	630.2
5088	632.9
8500	636.1

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HORIZONTAL DATUM: NAD83
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NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR (DTW)	421255.5111	-832246.5285	650.0		
DME (4L/22R)	421341.9000	-832148.7266	649.6		
DME (4R/22L)	421359.6909	-832050.3602	650.1		
GS (3R)	421151.1260	-832054.9808	630.1		
GS (3R) PP	421153.1361	-832059.9173	633.0	424R	1030
GS (4L)	421218.9455	-832300.2709	640.5		
GS (4L) PP	421217.0495	-832255.6097	644.3	400L	1065
GS (4R)	421218.9397	-832214.8377	633.6		
GS (4R) PP	421217.0436	-832210.1786	637.2	400L	1001
GS (21L)	421258.4981	-832005.1864	628.9		
GS (21L) PP	421300.5586	-832010.2463	632.0	434L	1189
GS (22L)	421343.8578	-832112.2865	635.6		
GS (22L) PP	421341.9631	-832107.6311	636.3	399R	1201
GS (22R)	421327.2320	-832210.0026	636.8		
GS (22R) PP	421325.3369	-832205.3438	641.9	400R	1055
GS (27L)	421154.6620	-832002.5048	625.9		
GS (27L) PP	421158.1178	-832002.6084	629.5	350L	1000
GS (27R)	421258.3557	-832004.8551	628.9		
GS (27R) PP	421302.7991	-832004.9887	632.1	450L	999
IM (3R)	421136.5507	-832112.1434			885
IM (4L)	421200.3715	-832307.8534			859
IM (4R)	421200.4288	-832222.3820			915
LOC (3R)	421319.2650	-831956.4665	633.6		970
LOC (4L)	421343.2267	-832152.1588	641.7		1010
LOC (4R)	421401.3021	-832053.3766	636.3		1032
LOC (21L)	421134.9444	-832113.3153	631.2		1070
LOC (22L)	421159.5397	-832223.0647	636.0		1019
LOC (22R)	421159.0707	-832308.8428	644.9		1010
LOC (27L)	421156.2296	-832155.6365	634.2		1010
LOC (27R)	421300.7163	-832209.2996	639.1		1648
MM (3R)	421120.0948	-832124.2920			2785
MM (4R)	421144.0531	-832234.5135			2808

NAVIGATIONAL AID INFORMATION (CONTINUED)

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ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
NDB (DM_)	421312.0162	-831211.9152			
NDB (DT_)	420712.9115	-832553.5692			
OM (4R)	420712.3681	-832554.1876			34154
OM (27L)	421209.4477	-831239.6316			32363
OM (27R)	421312.0162	-831211.9152			34611
VOR/DME(DXO)	421247.2923	-832159.9876	637.7		

VISUAL	LATITUDE	LONGITUDE
ALS (3R)		
ALS (4L)		
ALS (4R)		
ALS (21L)		
ALS (22L)		
ALS (22R)		
ALS (27L)		
ALS (27R)		
APBN	421236.1991	-832012.2135
PAPI (3L)		
PAPI (3R)		
PAPI (21L)		
PAPI (21R)		
PAPI (27L)		
PAPI (27R)		
REIL (3L)		
REIL (9L)		
REIL (9R)		
REIL (21R)		
VASI (9L)		

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OBSTRUCTION INFORMATION

3L C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	421334.61	-832019.26	1A	640		4	4	-5	-7528		*251L	7
OL TMOM	421327.62	-832016.87	1A	648		12	12	3	-6993		247R	16
OL ON LTD WSK	421238.05	-832100.94	1A	644		8	8	-1	-998		*251L	8
BUSH	421216.47	-832115.37	1A	650		14	14	5	1439		155L	-22
OL ON LTD WSK	421159.13	-832128.99	1A	639		3	3	-6	3471		211L	-93
FENCE	421151.09	-832119.63	1A	643		7	7	-2	3847		*798R	-100
LT POLE	421150.20	-832121.02	1A	657		21	21	12	3976		749R	-89
VAULT	421152.74	-832138.45	1A	636		0	0	-9	4380		525L	-122
POLE	421153.24	-832141.79	1A	636		0	0	-9	4457		769L	-125
FENCE	421150.90	-832138.76	1A	646		10	10	1	4555		456L	-118
LT POLE	421150.15	-832138.58	1A	658		22	22	13	4615		407L	-107
LT POLE	421148.57	-832143.83	1A	667		31	31	22	4945		678L	-109
TREE	421126.96	-832138.02	1A	727		91	91	82	6654		757R	-98
TREE	421115.97	-832145.29	1A	733		97	97	88	7892		811R	-129
TREE	421111.94	-832142.51	1A	727		91	91	82	8150		1191R	-143
TREE	421107.27	-832141.10	1A	727		91	91	82	8514		*1511R	-153

21R BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	421238.05	-832100.94	1A	644		12	10	-1	-7502		*251R	8
OL TMOM	421327.62	-832016.87	1A	648		16	14	3	-1508		247L	16
OL ON LTD WSK	421334.61	-832019.26	1A	640		8	6	-5	-973		*251R	7
ELEC EQUIP	421346.77	-832010.92	1A	637		5	3	-8	407		*292R	-4

3R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	421305.30	-832003.08	1A	641		8	8	-4	-9493		243R	9
ROD ON OL GS	421258.50	-832005.19	1A	681		48	48	36	-8812		434R	49
ROD ON OL GS	421258.36	-832004.86	1A	681		48	48	36	-8811		463R	49
OL TMOM	421229.14	-832026.91	1A	647		14	14	2	-5420		428R	14
GRD	421207.44	-832041.93	1A	634		1	1	-11	-2951		492R	1
ROD ON OL GS	421151.13	-832054.98	1A	676		43	43	31	-1030		424R	43
OL ON LTD WSK	421154.00	-832102.86	1A	639		6	6	-6	-1000		237L	6
BLDG	421134.14	-832107.13	1A	646		13	13	1	917		447R	-2
ANT ON BLDG	421134.21	-832109.91	1A	647		14	14	2	1012		260R	-2
TREE	421130.75	-832106.17	1A	667		34	34	22	1184		*675R	14
TREE	421130.81	-832107.48	1A	669		36	36	24	1226		586R	15
LT POLE	421135.14	-832122.12	1A	656		23	23	11	1371		591L	0
TREE	421132.82	-832123.39	1A	658		25	25	13	1623		562L	-4
TREE	421129.66	-832126.95	1A	661		28	28	16	2032		644L	-8
TREE	421110.85	-832116.99	1A	722		89	89	77	3342		929R	26
TREE	421107.29	-832117.72	1A	718		85	85	73	3684		*1053R	15
TREE	421104.10	-832122.06	1A	720		87	87	75	4125		922R	8
TREE	421111.94	-832142.51	1A	727		94	94	82	4167		809L	14
TREE	421102.59	-832129.20	1A	726		93	93	81	4517		524R	7
TREE	421107.27	-832141.10	1A	727		94	94	82	4532		490L	7

21L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	421154.00	-832102.86	1A	639		7	7	-6	-9001		237R	6
ROD ON OL GS	421151.13	-832054.98	1A	676		44	44	31	-8971		424L	43
GRD	421207.44	-832041.93	1A	634		2	2	-11	-7050		492L	1
OL TMOM	421229.14	-832026.91	1A	647		15	15	2	-4581		428L	14
ROD ON OL GS	421258.36	-832004.86	1A	681		49	49	36	-1190		463L	49
ROD ON OL GS	421258.50	-832005.19	1A	681		49	49	36	-1189		434L	49
OL ON LTD WSK	421305.30	-832003.08	1A	641		9	9	-4	-509		243L	9
GRD	421311.46	-831954.28	1A	636		4	4	-9	357		523L	1
HEADWALL	421311.63	-831953.51	1A	647		15	15	2	399		*566L	11
GRD	421317.30	-832006.05	1A	638		6	6	-7	449		537R	1
OL ON LOC	421319.27	-831956.47	1A	641		9	9	-4	970		0R	-6

21L PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ANT ON BLDG	421318.09	-831953.39	1A	649		17	17	4	976		260L	1
LT POLE	421325.62	-832000.35	1A	654		22	22	9	1394		566R	-2
POLE	421327.42	-831939.26	1A	668		36	36	23	2316		738L	-7
TREE	421329.85	-831935.33	1A	698		66	66	53	2674		*879L	16
ANT ON OL HGR	421345.20	-831947.12	1A	699		67	67	54	3610		645R	-1
TREE	421341.03	-831936.82	1A	702		70	70	57	3612		237L	1
TREE	421342.07	-831928.40	1A	711		79	79	66	4009		742L	3
ROD ON MCWV TWR	421349.29	-831944.57	1A	707		75	75	62	4065		676R	-3

4L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	421325.50	-832201.45	1A	656		11	11	11	-9101		249R	14
ROD ON OL GS	421327.23	-832210.00	1A	689		44	44	44	-8945		400L	47
TREE	421314.95	-832220.03	1A	648		3	3	3	-7493		465L	6
BUSH	421308.28	-832224.98	1A	648		3	3	3	-6721		467L	6
BUSH	421237.88	-832247.75	1A	653		8	8	8	-3199		493L	10
ROD ON OL GS	421218.95	-832300.27	1A	693		48	48	48	-1065		400L	48
ANT ON BLDG	421157.35	-832306.16	1A	660		15	15	15	1066		260R	-2
ROD ON BLDG	421155.40	-832301.65	1A	664		19	19	19	1076		*653R	2
TREE	421156.72	-832317.51	1A	670		25	25	25	1532		459L	-2
TREE	421145.89	-832308.71	1A	679		34	34	34	2176		649R	-6
TRMSN POLE	421140.85	-832315.25	1A	695		50	50	50	2860		462R	-4
TRMSN POLE	421140.89	-832317.23	1A	697		52	52	52	2928		329R	-3
ROD ON POLE	421139.72	-832317.48	1A	704		59	59	59	3041		369R	2

22R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	421218.95	-832300.27	1A	693		51	51	48	-8935		400R	48
BUSH	421237.88	-832247.75	1A	653		11	11	8	-6801		493R	10
BUSH	421308.28	-832224.98	1A	648		6	6	3	-3279		467R	6
TREE	421314.95	-832220.03	1A	648		6	6	3	-2507		465R	6

22R	PIR	(CONTINUED)											
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS		421327.23	-832210.00	1A	689		47	47	44	-1055		400R	47
OL ON LTD WSK		421325.50	-832201.45	1A	656		14	14	11	-899		249L	14
OL ON LOC		421343.23	-832152.16	1A	649		7	7	4	1010		1L	-9
DME		421341.90	-832148.73	1A	654		12	12	9	1016		292L	-5
TREE		421345.07	-832141.72	1A	670		28	28	25	1550		600L	1
POLE		421350.53	-832154.52	1A	668		26	26	23	1573		510R	-1
RR		421353.59	-832144.67	1A	665		23	23	20	2201		9R	-17
ROD ON OL TWR		421354.71	-832132.18	1A	714		72	72	69	2752		761L	21
ROD ON OL TWR		421354.41	-832130.08	1A	714		72	72	69	2800		*914L	20
POLE		421400.56	-832142.07	1A	682		40	40	37	2914		176R	-15
TREE		421414.73	-832123.10	1A	720		78	78	75	4857		387L	-16

4R	PIR												
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK		421342.52	-832103.45	1A	644		7	6	-1	-11002		249R	8
OL ON GS		421343.86	-832112.29	1A	687		50	49	42	-10802		399L	51
TMOM		421255.00	-832148.33	1A	654		17	16	9	-5161		403L	16
BUSH		421245.43	-832156.76	1A	647		10	9	2	-4007		494L	8
OL ON LTD WSK		421231.22	-832203.54	1A	647		10	9	2	-2500		251L	8
ROD ON OL GS		421218.94	-832214.84	1A	681		44	43	36	-1001		400L	43
GRD		421204.71	-832213.39	1A	635		-2	-3	-10	210		388R	-2
TREE		421204.39	-832228.75	1A	666		29	28	21	794		*611L	17
ROD ON BLDG		421201.24	-832228.63	1A	656		19	18	11	1069		450L	1
TREE		421201.73	-832230.70	1A	660		23	22	15	1100		610L	5
TREE		421149.40	-832219.05	1A	675		38	37	30	1774		*758R	6
TREE		421148.80	-832219.76	1A	674		37	36	29	1853		740R	3
TREE		421137.12	-832237.24	1A	713		76	75	68	3522		154R	9
TREE		421135.00	-832232.57	1A	704		67	66	59	3542		565R	0
TREE		421133.58	-832256.91	1A	731		94	93	86	4547		973L	7
TREE		421127.62	-832248.63	1A	734		97	96	89	4778		137L	5
TREE		421126.67	-832250.25	1A	732		95	94	87	4920		197L	0

22L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	421218.94	-832214.84	1A	681		45	44	36	-11001		400R	43
OL ON LTD WSK	421231.22	-832203.54	1A	647		11	10	2	-9502		251R	8
BUSH	421245.43	-832156.76	1A	647		11	10	2	-7996		494R	8
TMOM	421255.00	-832148.33	1A	654		18	17	9	-6842		403R	16
OL ON GS	421343.86	-832112.29	1A	687		51	50	42	-1201		399R	51
OL ON LTD WSK	421342.52	-832103.45	1A	644		8	7	-1	-1001		249L	8
RD(N)	421402.58	-832101.40	1A	649		13	12	4	855		592R	0
DME	421359.69	-832050.36	1A	655		19	18	10	998		278L	3
LOC	421401.30	-832053.38	1A	643		7	6	-2	1032		0R	-10
RR	421404.52	-832100.42	1A	662		26	25	17	1062		621R	8
TREE	421411.59	-832057.52	1A	677		41	40	32	1796		*774R	9
TREE	421411.88	-832056.41	1A	673		37	36	28	1861		714R	4
BLDG	421408.89	-832035.05	1A	665		29	28	20	2368		*840L	-15
TREE	421411.42	-832036.25	1A	675		39	38	30	2549		638L	-8
SIGN	421418.31	-832051.19	1A	685		49	48	40	2620		682R	0
LT POLE	421416.55	-832042.27	1A	683		47	46	38	2787		8R	-5
TREE	421412.60	-832031.72	1A	688		52	51	43	2817		879L	0
TREE	421412.75	-832031.08	1A	692		56	55	47	2854		*914L	3
TREE	421430.01	-832038.19	1A	709		73	72	64	4129		394R	-6
OL ON POLE ON BLDG	421440.69	-832040.12	1A	728		92	91	83	5008		1040R	-4

9L BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	421305.30	-832003.08	1A	641		3	1	-4	-7858		250L	8
ROD ON OL GS	421258.36	-832004.86	1A	681		43	41	36	-7709		450R	48
ROD ON OL GS	421258.50	-832005.19	1A	681		43	41	36	-7684		435R	48
OL ON LOC	421300.72	-832209.30	1A	647		9	7	2	1648		0R	-64
ANT ON BLDG	421257.62	-832209.25	1A	651		13	11	6	1651		314R	-60
ROD ON OL ASR	421255.51	-832246.53	1A	756		118	116	111	4461		463R	-95

27R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	421258.50	-832005.19	1A	681		46	46	36	-1024		435L	48
ROD ON OL GS	421258.36	-832004.86	1A	681		46	46	36	-999		450L	48
OL ON LTD WSK	421305.30	-832003.08	1A	641		6	6	-4	-850		250R	8
BUSH	421307.55	-831946.94	1A	639		4	4	-6	369		451R	1
TREE	421309.69	-831939.04	1A	670		35	35	25	968		*654R	20
TREE	421307.80	-831938.86	1A	663		28	28	18	977		462R	13
TREE	421257.25	-831938.42	1A	666		31	31	21	987		606L	16
RD(N)	421303.27	-831937.33	1A	645		10	10	0	1083		1R	-8
TREE	421312.41	-831911.31	1A	698		63	63	53	3061		883R	6
TREE	421254.48	-831908.59	1A	701		66	66	56	3225		936L	6
TREE	421303.25	-831901.59	1A	703		68	68	58	3771		61L	-4
TREE	421301.74	-831841.49	1A	737		102	102	92	5280		247L	1

9R BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BUSH	421153.55	-831946.85	1A	633		-3	-3	-12	-8676		489R	4
ROD ON OL GS	421154.66	-832002.50	1A	673		37	37	28	-7500		350R	43
OL ON LTD WSK	421155.58	-832005.13	1A	637		1	1	-8	-7305		253R	7
OL ON ELEC EQUIP	421155.04	-832022.64	1A	635		-1	-1	-10	-5986		278R	4
BUSH	421153.16	-832044.25	1A	636		0	0	-9	-4355		431R	4
OL ON LTD WSK	421154.00	-832102.86	1A	639		3	3	-6	-2956		315R	5
OL ON ELEC EQUIP	421154.09	-832115.14	1A	638		2	2	-7	-2033		285R	3
OL ON LTD WSK	421159.13	-832128.99	1A	639		3	3	-6	-1002		248L	4
VAULT	421152.74	-832138.45	1A	636		0	0	-9	-275		382R	0
POLE	421153.24	-832141.79	1A	636		0	0	-9	-26		326R	0
TREE	421153.37	-832209.89	1A	685		49	49	40	2089		265R	-46
TREE	421149.40	-832219.05	1A	675		39	39	30	2788		*651R	-91
ROD ON BLDG	421201.24	-832228.63	1A	656		20	20	11	3481		563L	-145
TREE	421201.73	-832230.70	1A	660		24	24	15	3635		616L	-148

27L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
POLE	421153.24	-832141.79	1A	636		7	6	-9	-8474		326L	0
VAULT	421152.74	-832138.45	1A	636		7	6	-9	-8224		382L	0
OL ON LTD WSK	421159.13	-832128.99	1A	639		10	9	-6	-7498		248R	4
OL ON ELEC EQUIP	421154.09	-832115.14	1A	638		9	8	-7	-6467		285L	3
OL ON LTD WSK	421154.00	-832102.86	1A	639		10	9	-6	-5544		315L	5
BUSH	421153.16	-832044.25	1A	636		7	6	-9	-4145		431L	4
OL ON ELEC EQUIP	421155.04	-832022.64	1A	635		6	5	-10	-2514		278L	4
OL ON LTD WSK	421155.58	-832005.13	1A	637		8	7	-8	-1195		253L	7
ROD ON OL GS	421154.66	-832002.50	1A	673		44	43	28	-1000		350L	43
BUSH	421153.55	-831946.85	1A	633		4	3	-12	176		489L	4
BUSH	421153.11	-831943.23	1A	638		9	8	-7	447		*539L	4
BUSH	421154.27	-831942.50	1A	640		11	10	-5	505		423L	5
RD(N)	421158.56	-831933.90	1A	643		14	13	-2	1162		3L	-6
ANT ON BLDG	421154.44	-831932.76	1A	647		18	17	2	1238		422L	-2
POLE	421205.93	-831930.27	1A	655		26	25	10	1452		*736R	1
POLE	421205.83	-831927.62	1A	656		27	26	11	1650		*722R	-2
POLE	421206.23	-831925.01	1A	656		27	26	11	1848		*758R	-6
POLE	421206.62	-831922.30	1A	654		25	24	9	2053		*793R	-12
TREE	421200.64	-831838.81	1A	722		93	92	77	5312		115R	-10
TREE	421157.26	-831838.57	1A	719		90	89	74	5322		227L	-13

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ROD ON OL ATCT	421245.82	-832115.69	1A	881	241	236		29816	282	85
OL ON LTD WSK	421238.05	-832100.94	1A	644		-1		13547	1089	8
LT POLE	421231.43	-832111.46	1A	675		30		18432	1355	-14
OL TMOM	421236.17	-832052.32	1A	652		7		12710	1733	-7
ROD ON BLDG	421231.80	-832143.08	1A	704		59		24722	2671	-17
EQUIP ON BLDG	421308.86	-832052.04	1A	667		22		3849	2870	4
POLE	421249.44	-832031.37	1A	691		46		8812	3109	8
FENCE	421308.83	-832140.51	1A	645		0		32541	3233	-1
TREE	421246.39	-832156.99	1A	656		11		27938	3374	9
FENCE	421314.31	-832136.42	1A	643		-2		33531	3499	-2
ANT ON OL BLDG	421318.34	-832059.65	1A	787		142		2226	3524	-8

ARP	HCT	(CONTINUED)									
OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR	
VOR/DME	421247.29	-832159.99	1A	669		24		28055	3605	-13	
CAMERA ON TWR	421324.69	-832131.27	1A	670		25		34720	4285	2	
HGR	421232.41	-832017.28	1A	677		32		11347	4319	-13	
HGR	421324.81	-832134.64	1A	700		55		34416	4388	-1	
OL ON LTD WSK	421310.77	-832023.98	1A	657		12		6058	4481	-25	
ANT ON HGR	421233.12	-832014.66	1A	716		71		11210	4489	6	
ANT ON BLDG	421326.74	-832135.72	1A	718		73		34416	4600	-6	
FENCE	421331.17	-832124.07	1A	643		-2		35608	4778	-2	
BUSH	421225.57	-832213.09	1A	647		2		25353	4979	-6	
ANT ON OL BLDG	421331.96	-832133.30	1A	735		90		34830	5031	-3	
ANT ON BLDG	421334.04	-832130.80	1A	730		85		35113	5177	1	
CAMERA ON TWR	421336.63	-832122.34	1A	669		24		35837	5302	2	
ELEC EQUIP	421220.59	-832216.00	1A	648		3		24952	5391	2	
FENCE	421151.09	-832119.63	1A	643		-2		19246	5466	-3	
LT POLE	421340.92	-832118.82	1A	670		25		153	5703	7	
HGR	421341.06	-832122.84	1A	696		51		35854	5751	-6	
FENCE	421150.90	-832138.76	1A	646		1		20701	5812	0	
LT POLE	421150.15	-832138.58	1A	658		13		20638	5878	1	
ROD ON TWR	421146.68	-832043.59	1A	708		63		16647	6266	-8	
OL ON LTD WSK	421334.61	-832019.26	1A	640		-5		4512	6427	7	
HEADWALL	421311.63	-831953.51	1A	647		2		7215	6515	6	
BUSH	421206.85	-832227.06	1A	652		7		24237	6819	-1	
TREE	421204.39	-832228.75	1A	666		21		24131	7066	14	
ROD ON OL TWR	421354.41	-832130.08	1A	714		69		35605	7174	16	
ROD ON OL ASR	421255.51	-832246.53	1A	756		111		28535	7181	5	
LT ON BLDG	421353.12	-832043.86	1A	711		66		2402	7237	0	
ROD ON BLDG	421201.24	-832228.63	1A	656		11		23926	7248	-140	
TREE	421252.79	-831935.30	1A	708		63		9033	7337	-6	
TREE	421201.73	-832230.70	1A	660		15		24028	7343	-135	
POLE	421349.53	-832158.50	1A	672		27		33854	7422	-1	
TREE	421309.69	-831939.04	1A	670		25		7707	7450	15	
TREE	421252.93	-831933.71	1A	714		69		9033	7457	2	
TREE	421131.30	-832104.64	1A	671		26		18231	7462	3	
TREE	421130.75	-832106.17	1A	667		22		18326	7510	10	
OL HGR	421355.17	-832040.54	1A	725		80		2523	7512	-2	
TREE	421252.05	-831932.56	1A	721		76		9117	7534	-3	
TREE	421149.40	-832219.05	1A	675		30		22848	7535	3	

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
TRMSN TWR		421351.54	-832158.58	1A	685		40		33935	7604	-2
TRMSN TWR		421352.50	-832158.63	1A	690		45		33953	7692	-4
TREE		421148.49	-832002.58	1A	695		50		14418	7743	-2
ELEC EQUIP		421346.77	-832010.92	1A	637		-8		4312	7785	-8
TREE		421311.70	-831934.63	1A	682		37		7632	7831	-1
BUSH		421151.72	-831953.70	1A	642		-3		13910	7986	-11
BUSH		421152.78	-831951.47	1A	635		-10		13748	8041	-3
TREE		421126.96	-832138.02	1A	727		82		20045	8116	-8
ROD ON TWR		421239.81	-831920.06	1A	777		132		10019	8454	-18
BUSH		421153.11	-831943.23	1A	638		-7		13453	8498	4
TREE		421408.86	-832101.96	1A	688		43		1204	8545	-9
TREE		421329.85	-831935.33	1A	698		53		6451	8598	15
POLE		421205.93	-831930.27	1A	655		10		12402	8622	-6
TREE		421252.00	-831917.89	1A	715		70		9203	8633	-12
POLE		421205.83	-831927.62	1A	656		11		12330	8804	-3
TREE		421411.59	-832057.52	1A	677		32		1403	8855	4
BLDG		421408.89	-832035.05	1A	665		20		2504	8960	-17
TWR		421242.79	-832311.25	1A	793		148		27536	8962	-2
POLE		421206.23	-831925.01	1A	656		11		12243	8963	-8
TREE		421216.65	-832306.35	1A	677		32		25833	9051	5
POLE		421206.62	-831922.30	1A	654		9		12156	9130	-15
TREE		421313.12	-831915.65	1A	695		50		7847	9227	-2
TREE		421129.94	-832223.96	1A	740		95		22223	9306	-18
TREE		421115.97	-832145.29	1A	733		88		20223	9331	7
TWR		421113.44	-832051.48	1A	781		136		17719	9379	-14
TREE		421412.75	-832031.08	1A	692		47		2603	9426	0
TREE		421157.11	-832300.27	1A	667		22		24613	9459	0
ROD ON BLDG		421155.40	-832301.65	1A	664		19		24539	9637	-1
TREE		421109.33	-832115.60	1A	718		73		18825	9668	4
TREE		421111.94	-832142.51	1A	727		82		20032	9673	-68
TREE		421108.72	-832116.42	1A	714		69		18846	9732	4
TREE		421108.18	-832115.74	1A	725		80		18827	9785	5
TREE		421149.40	-831924.65	1A	686		41		13136	9848	-4
TREE		421107.29	-832117.72	1A	718		73		18918	9880	11
STROBE LTD MCWV TWR		421339.00	-832304.22	1A	830		185		30958	10058	35
ANT ON BLDG		421427.55	-832053.77	1A	736		91		1429	10494	-10
TREE		421142.25	-832307.16	1A	699		54		24043	10722	-4

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
TREE		421155.39	-832327.45	1A	722		77		25044	11342	0
TREE		421148.08	-831859.92	1A	709		64		12651	11493	-4
TREE		421129.08	-832311.90	1A	737		92		23631	11829	-11
TREE		421129.15	-832313.60	1A	725		80		23656	11922	-7
TWR		421326.40	-832344.30	1A	789		144		29707	12196	-7
TWR		421520.50	-832145.93	1A	795		150		35745	15964	0

ADDITIONAL INFORMATION:

At the time of survey, 17-SEP-2004, the OM (4R_ DTW) and OM (27R_DMI) are utilized for NDB approach procedures only.

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.