

AERONAUTICAL DATA SHEET
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 05/18/2005

PROJECT NUMBER: 638
 ARPT IDENTIFIER: CAK
 ARPT NAME: AKRON-CANTON REGIONAL AIRPORT
 CITY: AKRON
 STATE: OHIO
 ARPT ELEVATION: 1228.3
 AIRPORT REFERENCE POINT

SITE NUMBER: 17521.A
 SURVEY DATE: 10/18/2004
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88
 ATCT FLOOR ELEV: 1291.0
 DECLINATION: 8.1W

DISTANCE FROM RWY END: 23+0
 LATITUDE: 405457.9
 LONGITUDE: -812631.9

RUNWAY INFORMATION

RUNWAY: 1/19 LENGTH: 7601 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
1	405425.8020	-812628.8721	1208.5	22823	1208.5				
19	405540.8322	-812624.5994	1213.9	1822826	1217.7	599	405534.9150	-812624.9365	1214.2

PROFILE DATA

DISTANCES FROM APPROACH END 1

DISTANCES FROM APPROACH END 19

DISTANCE	ELEV
0	1208.5
2480	1203.3
2880	1204.3
3402	1208.0
4913	1217.5
7002	1214.2
7601	1213.9

DISTANCE	ELEV
0	1213.9
599	1214.2
2688	1217.5
4199	1208.0
4721	1204.3
5121	1203.3
7601	1208.5

RUNWAY: 5/23 LENGTH: 7597 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
5	405427.0010	-812713.4840	1189.7	472736	1202.0				
23	405517.7443	-812600.5706	1228.3	2272824	1228.3				

PROFILE DATA

DISTANCES FROM APPROACH END 5

DISTANCES FROM APPROACH END 23

DISTANCE	ELEV
0	1189.7
1907	1199.6
4121	1204.4
4848	1208.0
6647	1223.8
7597	1228.3

DISTANCE	ELEV
0	1228.3
950	1223.8
2749	1208.0
3476	1204.4
5690	1199.6
7597	1189.7

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NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR (CAK)	405532.7764	-812642.3204	1215.0		
ASR (CAK) (UNC)	405500.6305	-812709.7596	1210.3		
GS (1)	405436.4491	-812633.7409	1198.6		
GS (1) PP	405436.2701	-812628.2761	1206.3	420L	1060
GS (19)	405525.5094	-812630.7486	1209.5		
GS (19) PP	405525.3369	-812625.4820	1216.1	405R	1570
GS (23)	405513.6461	-812614.1608	1221.2		
GS (23) PP	405510.7368	-812610.6427	1223.1	400R	1049
LOC (1)	405557.6228	-812623.6511	1213.0		1701
LOC (19)	405408.5841	-812629.8494	1215.0		1744
LOC (23)	405424.6739	-812716.8568	1183.2		350
MM (23)	405534.7884	-812536.0661			2552
OM (1)	405054.7500	-812642.7375			21388
OM (19)	405948.3863	-812613.6158			25070
OM (23)	405914.7901	-812031.5321			34830

VISUAL	LATITUDE	LONGITUDE
ALS (1)		
ALS (19)		
ALS (23)		
APBN	405454.0932	-812612.1876
PAPI (19)		
REIL (5)		
VASI (5)		
VASI (23)		

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OBSTRUCTION INFORMATION

1 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	405525.51	-812630.75	1A	1261		52	52	33	-6031		405L	46
OL ON GS	405436.45	-812633.74	1A	1251		42	42	23	-1060		420L	44
OL ON LOC	405408.58	-812629.85	1A	1224		15	15	-4	1744		0R	-16
GRD	405404.83	-812626.22	1A	1227		18	18	-1	2112		295R	-20
TREE	405403.72	-812619.48	1A	1277		68	68	49	2202		*817R	28
TREE	405358.46	-812626.00	1A	1263		54	54	35	2755		340R	3
TREE	405357.17	-812620.00	1A	1271		62	62	43	2865		805R	10

19 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	405436.45	-812633.74	1A	1251		37	33	23	-6541	-5941	420R	44
OL ON GS	405525.51	-812630.75	1A	1261		47	43	33	-1570	-970	405R	46
TREE	405603.17	-812616.60	1A	1271		57	53	43	2285	2884	516L	16
TREE	405604.89	-812618.02	1A	1273		59	55	45	2455	3054	400L	14
TREE	405608.18	-812620.67	1A	1276		62	58	48	2778	3377	182L	10
TREE	405611.65	-812623.64	1A	1272		58	54	44	3120	3719	61R	0
TRMSN TWR	405613.40	-812620.97	1A	1273		59	55	45	3305	3904	136L	-3
TREE	405614.99	-812628.49	1A	1302		88	84	74	3441	4041	448R	23
TREE	405615.26	-812632.63	1A	1303		89	85	75	3454	4054	767R	24
TREE	405616.73	-812610.90	1A	1292		78	74	64	3675	4275	894L	9
TREE	405617.85	-812614.37	1A	1303		89	85	75	3777	4376	623L	18

5 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	405515.17	-812555.83	1A	1255		65	53	27	-7689		438R	26
TREE	405520.46	-812603.86	1A	1239		49	37	11	-7597		374L	11
TREE	405519.90	-812607.53	1A	1261		71	59	33	-7351		*522L	34
OL ON GS	405513.65	-812614.16	1A	1268		78	66	40	-6548		400L	45
TREE	405444.23	-812657.83	1A	1242		52	40	14	-2065		472L	42
TREE	405444.55	-812658.83	1A	1247		57	45	19	-2030		*548L	47
TREE	405442.79	-812658.78	1A	1232		42	30	4	-1912		414L	33
TREE	405443.38	-812700.49	1A	1245		55	43	17	-1856		*547L	46
TREE	405439.77	-812703.98	1A	1231		41	29	3	-1412		459L	34
OL ON LOC	405424.67	-812716.86	1A	1191		1	-11	-37	350		2L	-3
TREE	405412.97	-812722.37	1A	1211		21	9	-17	1463		585R	-16

23 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	405439.77	-812703.98	1A	1231		3	3	3	-6185		459R	34
TREE	405443.38	-812700.49	1A	1245		17	17	17	-5741		*547R	46
TREE	405442.79	-812658.78	1A	1232		4	4	4	-5685		414R	33
TREE	405444.55	-812658.83	1A	1247		19	19	19	-5567		*548R	47
TREE	405444.23	-812657.83	1A	1242		14	14	14	-5532		472R	42
OL ON GS	405513.65	-812614.16	1A	1268		40	40	40	-1049		400R	45
TREE	405519.90	-812607.53	1A	1261		33	33	33	-247		*522R	34
TREE	405520.46	-812603.86	1A	1239		11	11	11	0		374R	11
TREE	405515.17	-812555.83	1A	1255		27	27	27	92		438L	26
TREE	405518.00	-812555.60	1A	1238		10	10	10	299		239L	8
TREE	405523.26	-812601.73	1A	1243		15	15	15	312		472R	13
TREE	405521.56	-812558.95	1A	1232		4	4	4	352		201R	1
TREE	405523.83	-812559.69	1A	1241		13	13	13	466		408R	7
TREE	405519.96	-812551.46	1A	1232		4	4	4	667		307L	-6
TREE	405525.44	-812555.78	1A	1237		9	9	9	797		325R	-3
TREE	405522.22	-812549.23	1A	1243		15	15	15	948		254L	0
TREE	405522.07	-812544.57	1A	1247		19	19	19	1201		508L	-1
TREE	405521.78	-812542.86	1A	1264		36	36	36	1278		618L	14
TREE	405531.10	-812553.57	1A	1258		30	30	30	1310		633R	8
TREE	405530.68	-812548.42	1A	1256		28	28	28	1572		335R	1

23 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	405535.24	-812545.95	1A	1277		49	49	49	2024		546R	12
TREE	405537.11	-812546.89	1A	1286		58	58	58	2098		734R	20
TREE	405526.15	-812532.44	1A	1301		73	73	73	2167		*833L	34
TREE	405527.66	-812531.17	1A	1295		67	67	67	2342		786L	24
TREE	405538.18	-812539.02	1A	1281		53	53	53	2617		406R	4
TREE	405536.61	-812536.85	1A	1275		47	47	47	2632		176R	-2
TREE	405532.16	-812529.71	1A	1296		68	68	68	2732		527L	17
TREE	405534.32	-812530.56	1A	1284		56	56	56	2832		321L	3
TREE	405531.02	-812525.78	1A	1295		67	67	67	2876		815L	13

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ROD ON OL AMOM	405501.54	-812635.18	1A	1243		15		33347	446	24
ROD ON OL POLE	405504.94	-812636.37	1A	1246		18		34223	791	0
ANT + APBN ON OL ATCT	405454.09	-812612.19	1A	1317		89		11223	1562	19
TREE	405518.35	-812634.78	1A	1293		65		200	2081	50
TREE	405518.28	-812639.66	1A	1317		89		35159	2147	21
TREE	405436.02	-812645.81	1A	1254		26		21350	2459	16
TREE	405444.55	-812658.83	1A	1247		19		24456	2470	40
TREE	405443.38	-812700.49	1A	1245		17		24418	2642	40
TREE	405520.99	-812613.43	1A	1270		42		3920	2733	-9
OL ON HGR	405508.00	-812558.44	1A	1267		39		7623	2765	-6
TREE	405519.90	-812607.53	1A	1261		33		4808	2908	30
TREE	405521.03	-812606.66	1A	1256		28		4742	3039	19
TREE	405428.59	-812618.61	1A	1263		35		16907	3137	16
ANT ON OL HGR	405511.98	-812554.11	1A	1265		37		7156	3233	-1
TREE	405528.42	-812615.28	1A	1272		44		3032	3343	19
TREE	405515.55	-812552.70	1A	1241		13		6724	3500	3
TREE	405429.10	-812657.43	1A	1254		26		22201	3513	33
ROD ON ASR	405532.78	-812642.32	1A	1322		94		35520	3619	-10
TREE	405534.29	-812617.07	1A	1267		39		2516	3855	38
TREE	405426.20	-812701.33	1A	1264		36		22315	3924	44
TREE	405517.96	-812545.62	1A	1244		16		6821	4092	-21
TREE	405539.76	-812615.53	1A	1242		14		2437	4419	0

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
TREE		405544.82	-812613.75	1A	1263		35		2427	4949	5
TREE		405537.47	-812548.88	1A	1282		54		4736	5191	4
TREE		405526.15	-812532.44	1A	1301		73		6602	5386	28
TREE		405405.64	-812616.66	1A	1290		62		17537	5418	9
TREE		405525.44	-812531.36	1A	1315		87		6708	5419	27
TREE		405524.10	-812529.23	1A	1328		100		6914	5494	10
TREE		405403.72	-812619.48	1A	1277		49		17814	5566	26
TREE		405608.53	-812638.09	1A	1316		88		417	7164	12
ANT ON OL TWR		405454.61	-812448.93	1A	1356		128		10030	7913	-23
TREE		405616.21	-812608.35	1B	1297		69		2057	8130	4

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.