NGS FORM-292

AERONAUTICAL DATA SHEET
NATIONAL GEODETIC SURVEY

DATE GENERATED: 01/03/2006

PROJECT NUMBER: 79
ARPT IDENTIFIER: CHA — SITE NUMBER: 22899.A
ARPT NAME: LOVELL FIELD — SURVEY DATE: 05/04/2005
CITY: CHATTANOOGA — HORIZONTAL DATUM: NAD83
STATE: TENNESSEE — VERTICAL DATUM: NAVD88
ARPT ELEVATION: 682.5 — DISTANCE FROM RWY END: 2+2943 — ATCT FLOOR ELEV: 752.0
AIRPORT REFERENCE POINT — LATITUDE: 350207.0 — LONGITUDE: -851213.7 — DECLINATION: 3.7W

RUNWAY INFORMATION

RUNWAY: 2/20 LENGTH: 7400 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA						DISPLACED THRESHOLD DATA			
RWY	GEODETIC LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
2	350121.5459	-851227.0143	681.3	164211	682.5				
20	350231.6451	-851201.4374	667.1	1964226	673.1				

PROFILE DATA

DISTANCES FROM APPROACH END 2

DISTANCE	ELEV
0	681.3
992	677.4
2943	682.5
3371	681.1
5025	668.1
5721	666.2
7400	667.1

DISTANCES FROM APPROACH END 20

DISTANCE	ELEV
0	667.1
1679	666.2
2375	668.1
4029	681.1
4457	682.5
6408	677.4
7400	681.3

RUNWAY: 15/33 LENGTH: 5000 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA

RWY	GEODETIC LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE
15	350242.8214	-851229.8945	670.4	1452825	670.3
33	350202.0806	-851155.8196	671.4	3252845	671.4

DISPLACED THRESHOLD DATA

RWY	LENGTH	LATITUDE	LONGITUDE	ELEV
15	105	350241.9624	-851229.1760	670.3

PROFILE DATA

DISTANCES FROM APPROACH END 15

DISTANCE	ELEV
0	670.4
105	670.3
1783	665.1
3324	666.2
4207	667.2
5000	671.4

DISTANCES FROM APPROACH END 33

DISTANCE	ELEV
0	671.4
793	667.2
1676	666.2
3217	665.1
4894	670.3
5000	670.4

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NAVIGATIONAL AID INFORMATION

ELECTRONIC		LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR	(CHA)	350200.3996	-851228.5878	683.8		
GS	(2)	350132.6280	-851224.8524	674.5		
GS	(2) PP	350132.2021	-851223.1271	677.6	150L	1125
GS	(20)	350219.9076	-851200.0558	663.2		
GS	(20) PP	350221.1905	-851205.2528	665.8	451L	1104
IM	(20)	350238.8428	-851158.7967			760
LOC	(2)	350238.4518	-851158.9552	667.3		719
LOC	(20)	350111.1500	-851230.8069	674.0		1097
MM	(2)	350058.9608	-851235.4579			2389
MM	(20)	350259.5004	-851151.2760			2940
NDB	(CQN)	350959.5510	-850926.5230			
OM	(2)	345654.8499	-851403.6749			28139
OM	(20)	350629.3834	-851034.5479			25099
VORTAC	(CQO)	345740.5741	-850912.1186	1013.0		

VISUAL		LATITUDE	LONGITUDE
ALS	(2)		
ALS	(20)		
APBN		350241.5852	-851215.9688
PAPI	(33)		
VASI	(2)		
VASI	(15)		

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SURVEY DATE: 05/04/2005
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OBSTRUCTION INFORMATION

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2 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	350225.84	-851207.44	1A	673		-8	-9	-9	-6694		309L	6
ROD ON OL GS	350219.91	-851200.06	1A	711		30	29	29	-6296		451R	44
ROD ON OL TMOM	350216.89	-851200.45	1A	685		4	3	3	-5994		*507R	19
GRD	350151.58	-851222.75	1A	688		7	6	6	-3011		*533L	6
ROD ON OL TMOM	350142.98	-851224.21	1A	699		18	17	17	-2143		400L	19
ANT ON OL BLDG	350132.87	-851226.11	1A	686		5	4	4	-1118		257L	9
TREE	350113.94	-851223.03	1A	712		31	30	30	641		538R	22
POLE	350110.61	-851227.34	1A	693		12	11	11	1067		292R	-6
VENT ON BLDG	350109.80	-851224.76	1A	701		20	19	19	1084		521R	2
POLE	350107.14	-851226.59	1A	704		23	22	22	1385		452R	-1
SIGN	350102.32	-851226.01	1A	721		40	39	39	1838		639R	7
POLE	350054.76	-851235.78	1A	740		59	58	58	2804		80R	7
TREE	350056.22	-851247.67	1A	758		77	76	76	2946		909L	22
POLE	350052.42	-851238.54	1A	735		54	53	53	3096		72L	-4
TREE	350050.28	-851246.68	1A	762		81	80	80	3498		659L	14
TREE	350046.94	-851252.40	1A	769		88	87	87	3958		1017L	13
ANT ON BLDG	350039.81	-851236.17	1A	765		84	83	83	4261		484R	3
VENT ON BLDG	350032.67	-851229.61	1A	770		89	88	88	4795		*1214R	-3
TREE	350036.26	-851246.23	1A	770		89	88	88	4845		215L	-4

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20 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ANT ON OL BLDG	350132.87	-851226.11	1A	686		19	13	4	-6282		257R	9
ROD ON OL TMOM	350142.98	-851224.21	1A	699		32	26	17	-5257		400R	19
GRD	350151.58	-851222.75	1A	688		21	15	6	-4389		*533R	6
ROD ON OL TMOM	350216.89	-851200.45	1A	685		18	12	3	-1405		*507L	19
ROD ON OL GS	350219.91	-851200.06	1A	711		44	38	29	-1104		451L	44

20 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	350225.84	-851207.44	1A	673	6	0	-9	-706			309R	6
BLDG	350238.90	-851201.31	1A	678	11	5	-4	706			201R	1
RR	350238.35	-851151.50	1A	695	28	22	13	887			597L	14
RD(N)	350240.36	-851158.11	1A	677	10	4	-5	923			12L	-5
RD(N)	350242.50	-851204.59	1A	685	18	12	3	976			567R	2
TREE	350240.29	-851149.81	1A	724	57	51	42	1115			*675L	39
TREE	350242.45	-851153.93	1A	706	39	33	24	1226			284L	18
TREE	350242.33	-851152.42	1A	714	47	41	32	1250			407L	26
TREE	350246.35	-851159.64	1A	715	48	42	33	1467			284R	22
TREE	350245.74	-851152.50	1A	738	71	65	56	1579			302L	43
TREE	350249.49	-851204.29	1A	741	74	68	59	1660			*746R	44
RR	350248.26	-851155.34	1A	694	27	21	12	1755			3L	-4
TREE	350247.48	-851150.71	1A	737	70	64	55	1790			394L	38
TREE	350250.55	-851201.26	1A	742	75	69	60	1835			536R	43
TREE	350251.24	-851158.09	1A	736	69	63	54	1978			303R	33
STK	350310.43	-851151.74	1A	726	59	53	44	3987			355R	-17
TK	350331.24	-851148.40	1A	769	102	96	87	6082			694R	-15

15 BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	350159.10	-851156.88	1A	673	3	3	-9	-5198	-5093		243R	1
GRD	350201.89	-851151.98	1A	673	3	3	-9	-5197	-5091		*252L	2
TREE	350245.56	-851236.04	1A	693	23	23	11	518	623		264R	7
TREE	350249.04	-851230.98	1A	692	22	22	10	569	674		282L	3
TREE	350249.23	-851234.14	1A	712	42	42	30	734	840		77L	15
TREE	350250.95	-851234.32	1A	719	49	49	37	886	991		163L	14
TREE	350256.54	-851244.85	1A	750	80	80	68	1847	1952		238R	-3
TREE	350256.96	-851246.47	1A	759	89	89	77	1959	2064		325R	1
TREE	350320.82	-851257.84	1A	800	130	130	118	4482	4587		263L	-85

33 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	350201.89	-851151.98	1A	673		2	2	-9	197		*252R	2
GRD	350159.10	-851156.88	1A	673		2	2	-9	198		243L	1
ANT ON POLE	350156.04	-851155.12	1A	702		31	31	20	536		298L	21
RD(N)	350153.40	-851148.56	1A	687		16	16	5	1065		0R	-10
TREE	350148.43	-851151.08	1A	752		81	81	70	1361		*457L	47
POLE	350147.51	-851147.91	1A	723		52	52	41	1587		293L	11
TREE	350146.58	-851149.48	1A	762		91	91	80	1590		454L	50
TREE	350150.81	-851139.43	1A	754		83	83	72	1711		*477R	38
TREE	350146.38	-851145.57	1A	749		78	78	67	1791		197L	31
TREE	350148.78	-851139.37	1A	764		93	93	82	1883		365R	43
TREE	350147.46	-851138.69	1A	764		93	93	82	2026		336R	39
TREE	350145.89	-851138.74	1A	761		90	90	79	2153		243R	32
TREE	350122.88	-851107.65	1A	871		200	200	189	5536		*1055R	43
TREE	350114.16	-851058.82	1A	916		245	245	234	6679		1161R	54
OL POLE	350112.93	-851059.94	1A	946		275	275	264	6728		1013R	83
TREE	350055.48	-851107.00	1A	934		263	263	252	7849		470L	38
TWR	350053.29	-851104.49	1A	922		251	251	240	8150		424L	17

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
ROD ON OL AMOM	350201.17	-851201.38	1A	706		24	12336	1182	9
ROD ON ASR	350200.40	-851228.59	1A	769		87	24522	1407	-17
POLE	350154.93	-851204.57	1A	713		31	15149	1437	-11
ROD ON OL TMOM	350216.89	-851200.45	1A	685		3	5128	1488	18
BLDG	350157.42	-851157.11	1A	688		6	12845	1686	1
GRD	350151.58	-851222.75	1A	688		6	20928	1731	1
LT	350215.58	-851153.76	1A	744		62	6605	1871	-5
GRD	350201.89	-851151.98	1A	673		-9	10940	1878	1
FENCE	350150.02	-851225.06	1A	712		30	21230	1960	6
OL ON HGR	350204.28	-851148.95	1A	710		28	10119	2076	-11
OL HGR	350202.73	-851148.06	1A	691		9	10508	2175	-27
TREE	350152.24	-851153.72	1A	730		48	13537	2234	28
ANT ON ATCT	350146.65	-851201.94	1A	778		96	15817	2278	-14
TREE	350145.82	-851229.92	1A	744		62	21554	2531	1

ARP HCT (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
TREE	350147.74	-851152.60	1A	769	87		14141	2621	38
TREE	350148.43	-851151.08	1A	752	70		13838	2658	42
TREE	350155.97	-851143.01	1A	722	40		11717	2785	3
ANT ON BLDG	350137.55	-851211.66	1A	714	32		18026	2982	-3
HGR	350231.12	-851152.11	1A	700	18		4003	3029	-4
TREE	350138.37	-851231.48	1A	761	79		21045	3251	33
TREE	350150.81	-851139.43	1A	754	72		12334	3286	38
POLE	350239.67	-851218.96	1A	711	29		35610	3332	-3
TREE	350237.71	-851232.43	1A	771	89		33704	3473	71
ROD ON OL APBN	350241.59	-851215.97	1A	735	53		36	3502	-23
TREE	350135.71	-851233.28	1A	759	77		21056	3558	23
HGR	350241.93	-851221.17	1A	709	27		35343	3586	-2
TREE	350238.46	-851149.83	1A	723	41		3539	3749	25
TREE	350240.40	-851233.39	1A	745	63		33749	3753	57
TREE	350243.94	-851207.84	1A	744	62		1108	3767	26
TREE	350240.29	-851149.81	1A	724	42		3414	3909	33
TREE	350127.14	-851210.75	1A	801	119		18012	4038	33
TREE	350242.30	-851236.92	1A	717	35		33517	4058	6
TREE	350126.82	-851212.74	1A	778	96		18234	4063	31
TREE	350246.66	-851223.27	1A	743	61		35228	4088	12
TREE	350247.66	-851226.35	1A	713	31		34920	4243	3
TREE	350244.62	-851236.65	1A	696	14		33703	4255	1
TREE	350249.06	-851205.43	1A	744	62		1253	4308	32
TREE	350248.60	-851225.55	1A	749	67		35031	4320	22
TREE	350249.49	-851204.29	1A	741	59		1401	4367	41
TREE	350248.69	-851229.66	1A	717	35		34613	4419	22
TREE	350248.25	-851143.82	1A	737	55		3429	4854	12
TREE	350113.52	-851221.22	1A	734	52		19017	5443	25
OL ON TK	350139.75	-851105.74	2C	951	269		11941	6288	119
TREE	350122.88	-851107.65	1A	871	189		13246	7077	42
ROD ON STROBE LTD TWR	350217.51	-851047.84	1A	991	309		8513	7219	158
TREE	350155.87	-851046.14	1B	866	184		10229	7368	33
STROBE LTD TWR	350216.67	-851042.81	1A	998	316		8619	7622	165
TREE	350056.81	-851249.11	1A	770	88		20614	7684	15
TREE	350114.16	-851058.82	1A	916	234		13419	8205	83
OL POLE	350112.93	-851059.94	1A	946	264		13524	8217	113
TREE	350320.82	-851257.84	1A	800	118		33731	8317	-33

ARP HCT (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
TREE	350050.98	-851252.52	1A	782		100	20629	8337	14
TREE	350046.80	-851140.38	1B	856		174	16450	8570	23
OL POLE	350234.88	-851035.48	2C	889		207	7439	8641	56
TREE	350234.33	-851034.64	1B	903		221	7508	8689	70
TREE	350055.48	-851107.00	1A	934		252	14612	9114	102
TREE	350210.14	-851404.91	2C	982		300	27540	9254	149
TWR	350053.29	-851104.49	1A	922		240	14600	9417	89
VENT ON BLDG	350032.67	-851229.61	1A	770		88	19136	9629	-6
TREE	350313.33	-851336.86	2C	870		188	31750	9633	37
TREE	350341.77	-851236.12	1B	863		181	35241	9762	31
OL POLE	350258.09	-851357.55	2C	960		278	30436	10063	127
TREE	350240.81	-851409.05	1B	926		244	29319	10183	94
TREE	350309.44	-851351.04	2C	933		251	31139	10265	100
TREE	350329.27	-851328.77	1B	845		163	32649	10400	12
TREE	350144.84	-851416.47	2C	923		241	26120	10453	90
ANT ON STROBE LTD TWR	350021.99	-851215.73	1A	870		188	18436	10619	38
TREE	350306.93	-851024.67	2C	866		184	5956	10904	33
TREE	350028.50	-851103.37	1B	858		176	15316	11550	25
SPIRE	350058.01	-851405.58	1A	842		160	23651	11630	9
OL POLE	350352.37	-851312.45	2C	990		308	33904	11721	157
TREE	350149.45	-850954.08	2C	884		202	10222	11746	48
TREE	350117.48	-851003.32	1B	925		243	11828	11943	82
TREE	350156.81	-850950.42	1B	893		211	9837	11960	45
TREE	350333.39	-851033.81	1B	880		198	4715	12053	48
ROD ON STROBE LTD TWR	350311.52	-851417.95	1A	989		307	30558	12219	157
TREE	350209.09	-851441.28	2C	905		223	27441	12275	26
STROBE ON TWR	350120.49	-851430.57	1A	921		239	25116	12316	78
ROD ON TWR	350018.79	-851329.94	1A	874		192	21348	12646	41
TREE	350050.78	-851009.88	1B	941		259	13029	12863	51
TREE	350324.32	-851416.91	1B	990		308	31103	12887	158
TREE	350009.63	-851112.18	2C	875		193	16022	12923	42
TREE	350037.13	-851017.32	1B	956		274	13652	13276	53
TREE	350214.91	-851457.21	1B	997		315	27705	13621	53
TREE	350415.14	-851305.01	2C	935		253	34528	13641	102
OL POLE	350108.61	-851442.33	2C	1001		319	24811	13699	106
TREE	350201.74	-851458.43	1B	988		306	27129	13710	36
SPIRE	350043.77	-851423.85	1A	885		203	23551	13711	37

ARP HCT (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
TREE	350018.88	-851023.16	1B	963		281	14337	14285	29
TREE	350356.02	-851407.39	1B	972		290	32305	14521	101
TREE	350142.44	-851506.36	1B	1018		336	26354	14573	30
TREE	350413.60	-851345.88	2C	910		228	33247	14919	30
TREE	350234.60	-851511.82	1B	1149		467	28423	15073	148
TREE	350253.64	-851508.06	2C	1159		477	29144	15247	173
TREE	350326.00	-851454.16	1B	1157		475	30437	15551	194
TREE	350406.70	-851422.99	2C	1079		397	32206	16188	123
TWR	350452.66	-851229.25	1A	977		295	35917	16800	-4

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.