

AERONAUTICAL DATA SHEET
NATIONAL GEODETIC SURVEY

DATE GENERATED: 11/03/2003

PROJECT NUMBER: 5488
ARPT IDENTIFIER: HSV
ARPT NAME: HUNTSVILLE INTERNATIONAL-CARL T. JONES FIELD
CITY: HUNTSVILLE
STATE: ALABAMA
ARPT ELEVATION: 628.9
AIRPORT REFERENCE POINT LATITUDE: 343813.9 LONGITUDE: -864630.2

SITE NUMBER: 00385.1A
SURVEY DATE: 01/17/2003
HORIZONTAL DATUM: NAD83
VERTICAL DATUM: NAVD88
ATCT FLOOR ELEV: 714.0
DECLINATION: 2.2W

RUNWAY INFORMATION

RUNWAY: 18L/36R LENGTH: 10006 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
18L	343911.1557	-864555.6732	609.2	1805710	609.2				
36R	343732.1961	-864557.6644	588.6	5709	594.8	206	343734.2301	-864557.6235	589.0

PROFILE DATA

DISTANCES FROM APPROACH END 36R

DISTANCES FROM APPROACH END 18L

DISTANCE	ELEV
0	588.6
206	589.0
10006	609.2

DISTANCE	ELEV
0	609.2
9801	589.0
10006	588.6

RUNWAY: 18R/36L LENGTH: 12600 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
18R	343910.0265	-864655.5619	628.4	1805640	628.9				
36L	343705.4174	-864658.0469	611.3	5639	615.4				

DISTANCES FROM APPROACH END 36L

DISTANCE	ELEV
0	611.3
12448	628.9
12600	628.4

DISTANCES FROM APPROACH END 18R

DISTANCE	ELEV
0	628.4
152	628.9
12600	611.3

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NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR (HSV)	343849.9215	-864709.7633	640.1		
DME (36R)	343920.6286	-864550.9870	617.6		
GS (18L)	343900.3329	-864552.3008	602.9		
GS (18L) PP	343900.3823	-864555.8901	607.0	300L	1089
GS (18R)	343859.4236	-864700.5628	622.7		
GS (18R) PP	343859.3584	-864655.7747	627.6	400R	1079
GS (36L)	343802.6926	-864650.9197	605.6		
GS (36L) PP	343802.7742	-864656.9034	619.5	500R	5800
GS (36R)	343748.3021	-864551.3558	569.3		
GS (36R) PP	343748.3844	-864557.3388	591.9	500R	1637
IM (18R)	343918.5322	-864655.3938			860
LOC (18L)	343724.3237	-864557.8203	583.3		796
LOC (18R)	343740.8875	-864657.3392	614.9		-3587
LOC (36L)	343919.4234	-864655.3753	624.4		950
LOC (36R)	343920.7743	-864555.4795	607.4		973
MM (18L)	343936.8528	-864555.1576			2598
MM (18R)	343937.2216	-864655.0087			2750
NDB (CWH)	344625.2819	-864644.4667			
OM (18L)	344327.8579	-864559.6341			25955
OM (18R)	344328.8614	-864648.2822			26176
OM (36L)	343128.4595	-864706.5574			34074
VOR/DME(DCU)	343853.9374	-865622.2941	590.1		

VISUAL	LATITUDE	LONGITUDE
ALS (18L)		
ALS (18R)		
ALS (36R)		
APBN	343820.4386	-864708.5216
PAPI (18L)		
VASI (36R)		

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OBSTRUCTION INFORMATION

18L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	343748.30	-864551.36	1A	630		21	21	1	-8369		500L	38
TREE	343758.46	-864552.63	1A	601		-8	-8	-28	-7345		377L	7
OL LTD WSK	343835.60	-864551.12	1A	630		21	21	1	-3588		440L	28
ROD ON OL GS	343900.33	-864552.30	1A	630		21	21	1	-1089		300L	23
ROD ON BLDG	343920.56	-864550.58	1A	621		12	12	-8	958		410L	-3
ROD ON POLE	343945.76	-864555.66	1A	677		68	68	48	3498		57R	2
TREE	343947.61	-864552.90	1A	698		89	89	69	3689		170L	19
LT POLE	344007.83	-864559.96	1A	722		113	113	93	5723		453R	2

36R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	343900.33	-864552.30	1A	630		41	35	1	-8917	-8711	300R	23
OL LTD WSK	343835.60	-864551.12	1A	630		41	35	1	-6418	-6212	440R	28
TREE	343758.46	-864552.63	1A	601		12	6	-28	-2661	-2456	377R	7
ROD ON OL GS	343748.30	-864551.36	1A	630		41	35	1	-1637	-1431	500R	38
ANT ON BLDG	343725.11	-864600.98	1A	593		4	-2	-36	721	927	265L	-6
OL ON LOC	343724.32	-864557.82	1A	592		3	-3	-37	796	1002	0R	-8
TREE	343721.36	-864550.85	1A	608		19	13	-21	1086	1292	588R	2
TREE	343721.30	-864553.44	1A	608		19	13	-21	1095	1301	371R	2
TREE	343721.41	-864602.57	1A	610		21	15	-19	1097	1303	392L	4
TREE	343721.40	-864601.23	1A	610		21	15	-19	1097	1302	280L	3
TREE	343714.06	-864548.54	1A	637		48	42	8	1821	2027	*793R	16

18R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LOC	343740.89	-864657.34	1A	622		-6	-7	-7	-9013		0R	6
ANT ON BLDG	343741.16	-864700.20	1A	628		0	-1	-1	-8989		239R	12
ROD ON OL GS	343802.69	-864650.92	1A	667		39	38	38	-6800		500L	48
ROD ON OL GS	343859.42	-864700.56	1A	672		44	43	43	-1079		400R	44
ANT ON BLDG	343919.45	-864657.89	1A	646		18	17	17	949		210R	3
OL ON LOC	343919.42	-864655.38	1A	632		4	3	3	950		0R	-11
TREE	343933.26	-864652.01	1A	672		44	43	43	2354		258L	0
TREE	343945.97	-864645.17	1A	696		68	67	67	3647		808L	-1

36L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	343859.42	-864700.56	1A	672		61	57	43	-11521		400L	44
ROD ON OL GS	343802.69	-864650.92	1A	667		56	52	38	-5800		500R	48
ANT ON BLDG	343741.16	-864700.20	1A	628		17	13	-1	-3611		239L	12
OL ON LOC	343740.89	-864657.34	1A	622		11	7	-7	-3587		0R	6

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ROD ON OL APBN	343820.44	-864708.52	1A	688		59		28352	3270	-5
OL ANT ON BLDG	343846.07	-864616.67	1A	738		109		2122	3443	-39
ANT ON OL ATCT	343854.31	-864623.19	1A	744		115		1021	4128	-35
ROD ON ASR	343849.92	-864709.76	1A	721		92		31958	4918	2
TREE	343722.34	-864609.17	1A	654		25		16333	5501	3
TREE	343721.32	-864549.37	1A	628		-1		14930	6317	10
TREE	343720.67	-864543.76	1A	678		49		14624	6635	-7
TREE	343714.06	-864548.54	1A	637		8		15217	6980	9
FENCE	343914.85	-864548.38	1A	620		-9		3145	7084	-4
LT POLE	343915.14	-864545.70	1A	650		21		3311	7223	-5
TREE	343709.39	-864545.39	1A	660		31		15220	7521	-6
LT POLE	343919.17	-864546.61	1A	644		15		3105	7538	1
OL TK	343931.09	-864622.75	1A	767		138		645	7829	-12

THE SOUTH 4,600 FOOT EXTENSION OF RUNWAY 18R/36L IS UNDER CONSTRUCTION. THE ELEVATION FOR RUNWAY END 36L WAS PROVIDED BY THE FAA AUTHORITIES. THE TDZE REPORTED FOR 36L IS BASED ON PLANS RECEIVED FROM THE FAA AND IS SUBJECT TO CHANGE. THE TDZE FOR 36L WAS INTERPOLATED BETWEEN THE PROPOSED FINISHED GRADE ELEVATION FOR RUNWAY END 36L AND THE ELEVATION OF THE POINT THAT WAS RUNWAY END 36L ON THE DATE OF SURVEY.

THE APPROACH AND OBSTRUCTION EVALUATION FOR RUNWAY END 36L WERE BASED ON THE ANTICIPATED RUNWAY END POSITION.

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.