

AERONAUTICAL DATA SHEET
NATIONAL GEODETIC SURVEY

DATE GENERATED: 01/13/2003

PROJECT NUMBER: 76
ARPT IDENTIFIER: CHS
ARPT NAME: CHARLESTON AFB / INTERNATIONAL AIRPORT
CITY: CHARLESTON
STATE: SOUTH CAROLINA
ARPT ELEVATION: 44.8
AIRPORT REFERENCE POINT LATITUDE: 325355.1 LONGITUDE: -800225.9

SITE NUMBER: 22174.A
SURVEY DATE: 02/08/2002
HORIZONTAL DATUM: NAD83
VERTICAL DATUM: NAVD88
ATCT FLOOR ELEV: 193.0
DECLINATION: 6.9W

RUNWAY INFORMATION

RUNWAY: 3/21 LENGTH: 7004 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
3	325305.2664	-800244.1698	20.4	242414	35.4				
21	325408.3677	-800210.2315	39.5	2042433	43.0				

PROFILE DATA

DISTANCES FROM APPROACH END 3

DISTANCES FROM APPROACH END 21

DISTANCE	ELEV
0	20.4
4443	42.5
5820	41.6
7004	39.5

DISTANCE	ELEV
0	39.5
1184	41.6
2560	42.5
7004	20.4

RUNWAY: 15/33 LENGTH: 9001 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
15	325446.8812	-800253.2282	42.6	1472446	42.6				
33	325331.8434	-800156.3790	38.0	3272517	44.8				

DISTANCES FROM APPROACH END 15

DISTANCE	ELEV
0	42.6
1852	35.8
5899	41.6
7466	44.8
8199	42.9
9001	38.0

DISTANCES FROM APPROACH END 33

DISTANCE	ELEV
0	38.0
802	42.9
1535	44.8
3102	41.6
7148	35.8
9001	42.6

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NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR (CHS)	325228.2809	-800229.0130	17.2		
GS (15)	325440.1835	-800241.8971	36.6		
GS (15) PP	325437.7891	-800246.3382	38.3	449L	1091
GS (33)	325341.3060	-800157.8416	43.2		
GS (33) PP	325339.1223	-800201.8921	43.1	410R	873
IM (15)	325453.9254	-800258.5703			845
LOC (15)	325323.3275	-800149.9263	26.3		1022
LOC (33)	325459.8706	-800303.0792	43.9		1558
MM (15)	325516.0402	-800315.3605			3499
NDB (CHS)	325834.7671	-800550.8378			
OM (15)	325835.0200	-800551.5683			27617
OM (33)	325003.6650	-795908.5596			25448
VORTAC (CHS)	325339.5491	-800216.1314	39.0		

VISUAL	LATITUDE	LONGITUDE
ALS (3)		
ALS (15)		
ALS (33)		
APBN	325246.1185	-800156.8559
REIL (21)		
VASI (15)		
VASI (21)		
VASI (33)		

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OBSTRUCTION INFORMATION

3 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	325256.33	-800245.03	1A	80		60	45	35	853		307R	40
TREE	325257.10	-800252.83	1A	65		45	30	20	1057		332L	19
RFLTR	325255.50	-800249.30	1A	31		11	-4	-14	1079		9R	-15
TREE	325254.05	-800245.55	1A	90		70	55	45	1081		361R	44
TREE	325249.93	-800246.79	1A	102		82	67	57	1503		437R	43
TREE	325250.03	-800249.19	1A	93		73	58	48	1579		247R	32
TREE	325252.85	-800257.01	1A	89		69	54	44	1595		*479L	27
TREE	325247.92	-800250.42	1A	93		73	58	48	1817		239R	25
TREE	325246.77	-800248.46	1A	111		91	76	66	1853		439R	42
TREE	325247.45	-800257.30	1A	81		61	46	36	2103		276L	5
TREE	325244.40	-800253.26	1A	88		68	53	43	2241		165R	8
TREE	325246.94	-800300.53	1A	98		78	63	53	2263		505L	17
TREE	325240.55	-800301.89	1A	109		89	74	64	2900		344L	10
TREE	325239.70	-800300.49	1A	102		82	67	57	2928		200L	1
TREE	325236.66	-800255.85	1A	111		91	76	66	3045		287R	7

21 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
RR	325415.83	-800202.18	1A	63		24	20	18	970		314L	1
TREE	325417.32	-800201.88	1A	99		60	56	54	1118		274L	33
TREE	325417.12	-800200.92	1A	107		68	64	62	1134		357L	40
TREE	325420.11	-800204.93	1A	92		53	49	47	1268		79R	21
TREE	325421.53	-800208.41	1A	109		70	66	64	1276		408R	38

15 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	325328.15	-800158.85	1A	60		17	17	15	-9202		379R	22
ROD ON OL TMOM	325335.70	-800205.71	1A	62		19	19	17	-8244		460R	20
ROD ON OL GS	325341.31	-800157.84	1A	85		42	42	40	-8128		410L	42
ROD ON OL TMOM	325338.02	-800206.61	1A	62		19	19	17	-8005		399R	19
ROD ON OL TMOM	325408.00	-800229.41	1A	59		16	16	14	-4405		406R	20
ROD ON OL TMOM	325409.89	-800231.35	1A	59		16	16	14	-4155		442R	20
OL ON BLDG	325437.78	-800242.73	1A	45		2	2	0	-1257		259L	7
OL ON BLDG	325435.10	-800247.88	1A	45		2	2	0	-1249		258R	7
ROD ON OL GS	325440.18	-800241.90	1A	83		40	40	38	-1091		449L	45
ROD ON OL TMOM	325436.59	-800250.92	1A	57		14	14	12	-982		394R	18
ROD ON OL TMOM	325438.28	-800253.04	1A	55		12	12	10	-741		454R	15
ANT ON BLDG	325458.11	-800255.35	1A	56		13	13	11	1054		459L	-4
OL ON LOC	325459.87	-800303.08	1A	51		8	8	6	1558		0R	-19
TREE	325504.51	-800315.19	1A	113		70	70	68	2509		618R	24
TREE	325511.22	-800305.60	1A	111		68	68	66	2641		436L	19
TREE	325511.69	-800307.83	1A	113		70	70	68	2783		302L	19
TREE	325505.51	-800319.34	1A	122		79	79	77	2785		862R	28
TREE	325513.94	-800306.94	1A	122		79	79	77	2934		489L	25
TREE	325518.66	-800303.93	2C	114		71	71	69	3197		*961L	11
TREE	325514.12	-800312.83	1A	108		65	65	63	3220		75L	5
TREE	325515.02	-800311.70	1A	114		71	71	69	3244		205L	11
TREE	325525.02	-800325.03	1A	115		72	72	70	4708		208R	-17
TREE	325524.27	-800334.11	1A	131		88	88	86	5061		901R	-9

33 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL TMOM	325438.28	-800253.04	1A	55		17	10	10	-8259		454L	15
ROD ON OL TMOM	325436.59	-800250.92	1A	57		19	12	12	-8018		394L	18
ROD ON OL GS	325440.18	-800241.90	1A	83		45	38	38	-7910		449R	45
OL ON BLDG	325435.10	-800247.88	1A	45		7	0	0	-7752		258L	7
OL ON BLDG	325437.78	-800242.73	1A	45		7	0	0	-7744		259R	7
ROD ON OL TMOM	325409.89	-800231.35	1A	59		21	14	14	-4846		442L	20
ROD ON OL TMOM	325408.00	-800229.41	1A	59		21	14	14	-4595		406L	20
ROD ON OL TMOM	325338.02	-800206.61	1A	62		24	17	17	-996		399L	19

33 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	325341.31	-800157.84	1A	85		47	40	40	-873		410R	42
ROD ON OL TMOM	325335.70	-800205.71	1A	62		24	17	17	-757		460L	20
TREE	325328.15	-800158.85	1A	60		22	15	15	201		379L	22
TREE	325332.94	-800149.69	1A	57		19	12	12	214		*540R	19
TREE	325327.73	-800159.10	1A	65		27	20	20	225		419L	27
TREE	325332.11	-800149.65	1A	75		37	30	30	286		498R	35
TREE	325326.66	-800159.71	1A	66		28	21	21	289		*521L	26
TREE	325326.58	-800158.78	1A	66		28	21	21	338		459L	25
TREE	325325.92	-800156.79	1A	62		24	17	17	486		352L	19
TREE	325330.27	-800147.91	1A	75		37	30	30	523		522R	31
TREE	325321.20	-800155.51	1A	89		51	44	44	946		517L	36
TREE	325324.42	-800145.60	1A	75		37	30	30	1127		371R	19
TREE	325319.52	-800153.23	1A	85		47	40	40	1194		444L	27
TREE	325324.44	-800141.85	1A	107		69	62	62	1298		641R	47
TREE	325323.15	-800140.06	1A	105		67	60	60	1490		*700R	42
TREE	325322.16	-800141.82	1A	89		51	44	44	1493		519R	25
TREE	325320.36	-800141.93	1A	94		56	49	49	1641		413R	27
TREE	325316.35	-800137.04	1A	102		64	57	57	2208		547R	24
TREE	325309.61	-800149.05	1A	111		73	66	66	2230		684L	33
TREE	325307.68	-800150.17	1A	118		80	73	73	2343		*869L	37
TREE	325307.48	-800145.65	1A	122		84	77	77	2567		555L	37
TREE	325305.32	-800147.07	1A	124		86	79	79	2687		774L	36
TREE	325304.08	-800141.95	1A	119		81	74	74	3027		474L	25
TREE	325306.50	-800136.70	1A	98		60	53	53	3062		35R	2
TREE	325304.00	-800138.94	1A	102		64	57	57	3172		262L	4
TREE	325307.09	-800127.40	1A	121		83	76	76	3438		735R	18

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
OL VORTAC	325339.55	-800216.13	1A	74		29		15858	1779	-38
VENT ON BLDG	325401.81	-800204.59	1A	71		26		7626	1939	-35
ELEC EQUIP	325407.63	-800205.40	1A	45		0		6058	2159	-17
LT POLE	325406.93	-800252.28	2C	164		119		30453	2547	-31
TREE	325422.02	-800213.03	1A	111		66		2851	2934	-12

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
TREE		325406.27	-800153.77	1A	132		87		7429	2963	-63
TREE		325421.43	-800209.42	1A	104		59		3444	3009	23
TREE		325413.76	-800158.32	1A	115		70		5810	3014	6
TREE		325412.74	-800157.10	1A	128		83		6055	3035	-1
ROD ON OL TWR		325425.61	-800224.95	1A	103		58		824	3084	13
TREE		325422.42	-800209.15	1A	107		62		3414	3109	22
TREE		325416.31	-800159.31	1A	111		66		5330	3121	27
TREE		325415.79	-800157.17	1A	117		72		5624	3221	5
TREE		325326.66	-800159.71	1A	66		21		14903	3640	25
TREE		325332.94	-800149.69	1A	57		12		13251	3815	14
ANT ON BLDG		325334.88	-800144.42	1A	106		61		12655	4085	-7
ANT ON BLDG		325426.20	-800256.76	1A	166		121		32658	4099	4
ROD ON POLE		325413.05	-800142.74	1A	165		120		7038	4103	-30
TREE		325319.44	-800159.11	1A	86		41		15431	4267	-4
ROD ON OL ATCT		325340.81	-800137.05	1A	233		188		11601	4409	38
TREE		325331.93	-800140.58	1A	134		89		12806	4518	6
ANT ON OL TK		325337.09	-800315.83	2C	175		130		25345	4630	-20
TREE		325326.88	-800142.06	1A	100		55		13414	4702	27
OL ON TK		325431.02	-800307.32	2C	174		129		32241	5064	-21
TREE		325323.15	-800140.06	1A	105		60		13627	5070	41
ANT ON OL TK		325354.60	-800326.88	2C	181		136		27620	5200	-14
TREE		325311.16	-800153.97	1A	109		64		15523	5209	8
TREE		325302.67	-800236.99	1A	95		50		19701	5383	15
TREE		325302.99	-800239.41	1A	75		30		19914	5391	24
TREE		325301.87	-800233.91	1A	119		74		19408	5423	0
OL MCWV TWR		325435.09	-800143.08	1A	135		90		4859	5447	-36
TREE		325307.68	-800150.17	1A	118		73		15427	5680	31
TREE		325259.22	-800238.97	1A	96		51		19804	5757	17
TREE		325258.74	-800235.90	1A	101		56		19525	5760	-16
TREE		325257.92	-800240.07	1A	94		49		19842	5904	18
TREE		325255.83	-800241.01	1A	94		49		19902	6127	13
TREE		325454.08	-800244.33	1A	127		82		35208	6165	9
TREE		325456.93	-800248.07	1A	137		92		35004	6528	35
TREE		325251.83	-800243.95	1A	100		55		20026	6578	25
TREE		325252.85	-800257.01	1A	89		44		20945	6828	25
ANT ON TWR		325432.96	-800118.20	2C	184		139		6321	6925	-11
TREE		325252.45	-800301.61	1A	114		69		21235	7027	0

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
TREE		325502.45	-800252.42	1A	127		82		34831	7172	28
ROD ON POLE		325331.99	-800104.90	1A	180		135		11535	7291	-15
TREE		325249.30	-800302.20	1A	109		64		21151	7336	5
ANT ON TWR		325449.48	-800327.88	2C	194		149		32302	7625	-1
TREE		325506.95	-800255.16	1A	128		83		34756	7679	23
ANT ON TWR		325239.47	-800204.99	2C	166		121		17346	7849	-29
POLE		325314.74	-800107.02	1A	189		144		12808	7866	-6
TREE		325504.44	-800319.51	1A	129		84		33347	8367	29
TREE		325518.66	-800303.93	2C	114		69		34554	9046	10
ANT		325250.36	-800046.75	2C	197		152		13437	10691	2

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.