

AERONAUTICAL DATA SHEET  
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 08/26/2002

PROJECT NUMBER: 89  
 ARPT IDENTIFIER: CAE  
 ARPT NAME: COLUMBIA METROPOLITAN AIRPORT  
 CITY: COLUMBIA  
 STATE: SOUTH CAROLINA  
 ARPT ELEVATION: 235.9  
 AIRPORT REFERENCE POINT

DISTANCE FROM RWY END: 11+3225  
 LATITUDE: 335619.8  
 LONGITUDE: -810710.3

SITE NUMBER: 22209.A  
 SURVEY DATE: 03/22/2001  
 HORIZONTAL DATUM: NAD83  
 VERTICAL DATUM: NAVD88  
 ATCT FLOOR ELEV: 321.0  
 DECLINATION: 6.2W

RUNWAY INFORMATION

RUNWAY: 5/23      LENGTH: 8001      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
5	335542.6897	-810726.2805	227.5	443911	227.5				
23	335638.9869	-810619.5390	206.8	2243948	212.8	1000	335631.9498	-810627.8836	209.1

PROFILE DATA

DISTANCES FROM APPROACH END 5

DISTANCES FROM APPROACH END 23

DISTANCE	ELEV
0	227.5
2125	210.6
2575	208.3
3075	208.1
5129	212.8
7001	209.1
8001	206.8

DISTANCE	ELEV
0	206.8
1000	209.1
2872	212.8
4926	208.1
5426	208.3
5876	210.6
8001	227.5

RUNWAY: 11/29      LENGTH: 8601      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
11	335638.9319	-810815.9145	228.7	1043921	235.9				
29	335617.3941	-810637.1557	210.0	2844016	227.3				

PROFILE DATA

DISTANCES FROM APPROACH END 11

DISTANCES FROM APPROACH END 29

DISTANCE	ELEV
0	228.7
3225	235.9
4575	232.5
8048	212.8
8601	210.0

DISTANCE	ELEV
0	210.0
553	212.8
4026	232.5
5376	235.9
8601	228.7

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SITE NUMBER: 22209.A  
SURVEY DATE: 03/22/2001  
HORIZONTAL DATUM: NAD83  
VERTICAL DATUM: NAVD88

NAVIGATIONAL AID INFORMATION

ELECTRONIC		LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR	(CAE)	335659.0968	-810747.8170	279.2		
GS	(5)	335553.8026	-810717.1983	210.1		
GS	(5) PP	335552.0983	-810715.1289	216.9	245L	1337
GS	(11)	335632.3617	-810805.7120	226.1		
GS	(11) PP	335636.4298	-810804.4354	231.2	425R	1000
GS	(29)	335623.7273	-810647.4307	212.2		
GS	(29) PP	335619.8985	-810648.6332	215.1	400R	1000
LOC	(5)	335641.1162	-810617.0085	200.8		303
LOC	(11)	335614.2619	-810622.7947	218.3		1251
LOC	(29)	335643.3374	-810836.1361	227.1		1761
LOM	(11)	335801.8160	-811440.9211			33497
MM	(11)	335646.3848	-810850.2507			2989
MM	(29)	335610.8384	-810607.1985			2610
OM	(5)	335123.0105	-811229.3535			36631
OM	(29)	335517.8629	-810202.0406			23951
VORTAC	(CAE)	335126.0909	-810314.0515	409.2		

VISUAL		LATITUDE	LONGITUDE
ALS	(5)		
ALS	(11)		
ALS	(29)		
APBN		335711.2001	-810711.9797
PAPI	(5)		
PAPI	(11)		
PAPI	(29)		
VASI	(23)		

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## OBSTRUCTION INFORMATION

5 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	335642.63	-810621.46	1A	245		17	17	9	-8149		374L	38
SIGN	335638.16	-810616.32	1A	208		-20	-20	-28	-8132		251R	1
ROD ON OL GS	335553.80	-810717.20	1A	269		41	41	33	-1337		245L	52
TREE	335532.52	-810735.64	1A	251		23	23	15	1286		162R	2
RD(N)	335537.71	-810742.52	1A	247		19	19	11	1320		620L	-3
TREE	335524.83	-810749.54	1A	268		40	40	32	2662		126L	-9
TREE	335523.10	-810803.86	1A	314		86	86	78	3634		861L	18
TREE	335519.45	-810804.66	1A	317		89	89	81	3944		650L	15

23 BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	335553.80	-810717.20	1A	269		62	56	33	-6664	-5664	245R	52
SIGN	335638.16	-810616.32	1A	208		1	-5	-28	132	1132	251L	1
TREE	335642.63	-810621.46	1A	245		38	32	9	148	1148	374R	38
OL ON LOC	335641.12	-810617.01	1A	208		1	-5	-28	303	1303	0R	-4
TREE	335642.71	-810617.28	1A	244		37	31	8	401	1401	129R	27
TREE	335638.14	-810611.40	1A	252		45	39	16	421	1421	*548L	34
TREE	335640.61	-810610.72	1A	242		35	29	6	639	1639	413L	14
TREE	335644.24	-810612.96	1A	257		50	44	21	767	1767	21L	22
TREE	335647.76	-810617.24	1A	272		65	59	36	768	1768	486R	37
TREE	335649.02	-810615.61	1A	282		75	69	46	954	1954	478R	38
TREE	335650.30	-810608.36	1A	266		59	53	30	1476	2476	134R	-4
TREE	335645.98	-810602.18	1A	266		59	53	30	1531	2531	543L	-7
TREE	335650.61	-810603.75	1A	277		70	64	41	1771	2771	120L	-8

11 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	335623.73	-810647.43	1A	260		31	24	24	-7601		400L	45
BUSH	335624.18	-810720.76	1A	243		14	7	7	-4873		267R	12
BUSH	335626.43	-810731.53	1A	253		24	17	17	-3938		276R	19
TREE	335624.29	-810733.77	1A	267		38	31	31	-3810		*534R	33
OL TMOM	335627.13	-810733.53	1A	251		22	15	15	-3757		251R	16
GRD	335634.76	-810733.51	1A	239		10	3	3	-3563		496L	4
BUSH	335626.53	-810741.57	1A	251		22	15	15	-3117		480R	16
GRD	335638.49	-810750.43	1A	236		7	0	0	-2089		*500L	3
TREE	335630.79	-810800.26	1A	247		18	11	11	-1484		463R	15
GRD	335640.09	-810757.74	1A	239		10	3	3	-1451		*501L	7
ROD ON OL GS	335632.36	-810805.71	1A	273		44	37	37	-1000		425R	42
OL ON LTD WSK	335640.81	-810808.50	1A	257		28	21	21	-556		342L	27
TREE	335635.23	-810824.04	1A	260		31	24	24	568		535R	24
TREE	335646.59	-810826.33	1A	264		35	28	28	1044		527L	19
TREE	335648.12	-810829.74	1A	267		38	31	31	1361		604L	15
TREE	335637.10	-810836.15	1A	281		52	45	45	1602		611R	25
TREE	335639.43	-810835.72	1A	269		40	33	33	1627		374R	12
TREE	335651.97	-810837.90	1A	306		77	70	70	2125		*806L	38
TREE	335653.26	-810842.05	1A	307		78	71	71	2497		844L	32
TREE	335703.80	-810927.60	1A	351		122	115	115	6479		904L	-3
TREE	335645.82	-810934.97	1A	348		119	112	112	6620		1011R	-9
TREE	335712.61	-810957.39	1A	392		163	156	156	9132		1131L	-15

29 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	335640.81	-810808.50	1A	257		47	30	21	-8045		342R	27
ROD ON OL GS	335632.36	-810805.71	1A	273		63	46	37	-7601		425L	42
GRD	335640.09	-810757.74	1A	239		29	12	3	-7149		*501R	7
TREE	335630.79	-810800.26	1A	247		37	20	11	-7116		463L	15
GRD	335638.49	-810750.43	1A	236		26	9	0	-6512		*500R	3
BUSH	335626.53	-810741.57	1A	251		41	24	15	-5484		480L	16
GRD	335634.76	-810733.51	1A	239		29	12	3	-5038		496R	4
OL TMOM	335627.13	-810733.53	1A	251		41	24	15	-4844		251L	16
TREE	335624.29	-810733.77	1A	267		57	40	31	-4791		*534L	33

29 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BUSH	335626.43	-810731.53	1A	253		43	26	17	-4663		276L	19
BUSH	335624.18	-810720.76	1A	243		33	16	7	-3728		267L	12
ROD ON OL GS	335623.73	-810647.43	1A	260		50	33	24	-1000		400R	45
LT POLE	335610.26	-810631.00	1A	234		24	7	-2	685		566L	14
ROD ON BLDG	335616.99	-810623.31	1A	230		20	3	-6	1139		256R	1
OL ON LOC	335614.26	-810622.79	1A	226		16	-1	-10	1251		0R	-5
RADAR RFLTR	335613.28	-810618.13	1A	231		21	4	-5	1656		4R	-8
TREE	335606.27	-810620.11	1A	261		51	34	25	1674		*724L	22
TREE	335606.05	-810619.28	1A	255		45	28	19	1748		727L	14
TREE	335607.36	-810617.20	1A	242		32	15	6	1884		555L	-1
TREE	335604.95	-810617.72	1A	257		47	30	21	1903		*803L	13
TREE	335619.82	-810607.42	1A	279		69	52	43	2361		*872R	25
TREE	335617.81	-810607.22	1A	265		55	38	29	2429		680R	11
ROD ON POLE	335609.86	-810607.64	1A	246		36	19	10	2599		107L	-12
TREE	335614.71	-810601.15	1A	261		51	34	25	3003		506R	-5
TREE	335617.05	-810600.21	1A	278		68	51	42	3020		755R	11

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ROD ON OL POLE	335615.19	-810656.99	1A	242		6		11844	1214	24
ROD ON OL AMOM	335632.18	-810704.85	1A	260		24		2620	1333	-15
ANT ON OL ATCT	335639.32	-810707.42	1A	354		118		1312	1988	-15
TREE	335624.29	-810733.77	1A	267		31		28907	2029	28
ROD ON OL LT	335600.57	-810650.71	1A	268		32		14552	2551	8
LT POLE	335609.01	-810640.68	1A	268		32		11948	2723	5
TREE	335625.64	-810741.87	1A	271		35		28842	2725	25
TREE	335551.97	-810705.45	1A	234		-2		17756	2843	9
TREE	335552.23	-810701.33	1A	251		15		17101	2887	-4
OL ANT	335638.92	-810642.00	1A	313		77		5710	3069	-17
TREE	335552.96	-810728.76	1A	276		40		21601	3128	-1
TREE	335551.90	-810728.14	1A	269		33		21415	3195	8
OL ON TK	335646.80	-810647.93	1A	365		129		4050	3317	-21
TREE	335546.72	-810710.47	1A	242		6		18627	3344	1
ROD ON OL LT POLE	335606.17	-810632.24	1A	284		48		11927	3491	4

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ROD ON OL DOME		335655.45	-810705.92	1A	373		137		1203	3622	-13
TREE		335627.26	-810753.47	1A	283		47		28755	3715	26
GRD		335638.49	-810750.43	1A	236		0		30524	3873	3
TREE		335628.04	-810755.64	1A	278		42		28830	3910	26
TREE		335548.75	-810738.95	1A	323		87		22345	3960	-3
TREE		335643.72	-810630.13	1A	278		42		6039	4160	4
TREE		335606.00	-810621.42	1A	251		15		11454	4348	3
TREE		335606.27	-810620.11	1A	261		25		11407	4444	21
TREE		335642.43	-810624.90	1A	235		-1		6519	4457	19
GRD		335640.09	-810757.74	1A	239		3		30322	4493	7
TREE		335622.84	-810616.11	1A	281		45		9221	4576	4
TREE		335604.95	-810617.72	1A	257		21		11455	4678	6
HGR		335632.33	-810616.61	1A	234		-2		8032	4697	6
HGR		335631.91	-810616.10	1A	239		3		8111	4728	2
TREE		335621.49	-810612.61	1A	274		38		9411	4863	6
TREE		335539.24	-810746.91	1A	305		69		22309	5131	9
TREE		335631.14	-810810.13	1A	275		39		28901	5170	25
TREE		335648.98	-810619.65	1A	277		41		6132	5188	18
APBN ON TK		335711.20	-810711.98	1A	396		160		438	5198	10
TREE		335638.14	-810611.40	1A	252		16		7542	5297	29
TREE		335619.82	-810607.42	1A	279		43		9610	5298	19
TREE		335636.89	-810610.69	1A	265		29		7713	5311	25
TREE		335636.37	-810610.17	1A	268		32		7754	5336	19
LT POLE		335648.61	-810809.50	1A	295		59		30629	5776	-17
ROD ON TWR		335716.35	-810641.48	1A	370		134		2912	6210	-16
TREE		335630.92	-810826.15	1A	299		63		28611	6489	0
TREE		335648.57	-810823.07	1A	288		52		30135	6786	19
ROD ON TWR		335548.51	-810821.77	1A	384		148		24829	6802	-2
TREE		335729.19	-810713.08	2C	388		152		417	7018	2
TREE		335526.22	-810805.26	1A	326		90		22644	7126	8
TREE		335634.08	-810833.35	1A	292		56		28752	7144	16
TREE		335525.03	-810805.12	1A	321		85		22602	7211	17
ANT ON OL POLE		335705.35	-810824.21	1A	413		177		31241	7744	27
TREE		335655.21	-810835.93	1A	331		95		30235	8053	10
TREE		335656.56	-810835.15	1A	339		103		30340	8056	-3
TREE		335651.97	-810837.90	1A	306		70		29959	8065	36
ROD ON TWR		335452.71	-810705.68	1A	345		109		18340	8812	-41

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ROD ON OL TWR		335700.17	-810458.00	1A	384		148		7605	11870	-2
TREE		335639.97	-810931.65	1A	357		121		28555	12083	-7
TREE		335759.18	-810835.03	1A	406		170		33049	12324	20
TREE		335814.47	-810812.37	1A	399		163		34155	12717	13
TREE		335808.16	-810832.36	1A	412		176		33357	12953	26
TREE		335825.00	-810751.46	2C	420		184		35053	13123	2
ROD ON STROBE LTD TWR		335418.72	-810608.83	1A	530	220	294		16315	13291	110
OL TK		335811.16	-810524.95	1A	416		180		4426	14335	20
ROD ON OL TWR		335817.57	-810846.47	1A	468		232		33158	14400	72
TREE		335806.74	-810908.72	1A	398		162		32330	14710	12
TREE		335712.61	-810957.39	1A	392		156		29658	15055	6
ROD ON OL TWR		335528.36	-811000.75	1A	426	213	190		25618	15275	-20
TREE		335748.92	-810943.79	1A	398		162		31104	15759	9
TREE		335754.52	-810939.49	2C	418		182		31331	15800	21
ROD ON MCWV TWR		335804.83	-811021.26	1A	567		331		30938	19275	7

## 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.