

AERONAUTICAL DATA SHEET
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 02/12/2003

PROJECT NUMBER: 5320
 ARPT IDENTIFIER: CCR
 ARPT NAME: BUCHANAN FIELD
 CITY: CONCORD
 STATE: CALIFORNIA
 ARPT ELEVATION: 25.5
 AIRPORT REFERENCE POINT

DISTANCE FROM RWY END: 32R+0
 LATITUDE: 375922.8
 LONGITUDE: -1220324.8

SITE NUMBER: 01437.A
 SURVEY DATE: 11/07/2001
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88
 ATCT FLOOR ELEV: 67.0
 DECLINATION: 15.3E

RUNWAY INFORMATION

RUNWAY: 1L/19R LENGTH: 5001 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
1L	375855.0261	-1220340.7820	23.6	233118	23.6				
19R	375940.3546	-1220315.8504	21.1	2033133	22.4	601	375934.9093	-1220318.8459	22.3

PROFILE DATA

DISTANCES FROM APPROACH END 1L

DISTANCES FROM APPROACH END 19R

DISTANCE	ELEV
0	23.6
2624	20.6
3266	21.3
3919	22.1
4400	22.3
5001	21.1

DISTANCE	ELEV
0	21.1
601	22.3
1082	22.1
1735	21.3
2376	20.6
5001	23.6

RUNWAY: 1R/19L LENGTH: 2770 WIDTH: 75 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
1R	375901.9609	-1220330.1664	23.4	233209					
19L	375927.0673	-1220316.3488	21.6	2033218					

PROFILE DATA

DISTANCES FROM APPROACH END 1R

DISTANCES FROM APPROACH END 19L

DISTANCE	ELEV
0	23.4
818	21.2
2516	23.5
2770	21.6

DISTANCE	ELEV
0	21.6
254	23.5
1952	21.2
2770	23.4

RUNWAY: 14L/32R LENGTH: 4602 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
14L	375947.4460	-1220331.8793	18.2	1533202	24.5	300	375944.7884	-1220330.2074	18.3
32R	375906.7230	-1220306.2645	25.5	3333218	25.3	350	375909.8186	-1220308.2113	25.3

PROFILE DATA

DISTANCES FROM APPROACH END 14L

DISTANCES FROM APPROACH END 32R

DISTANCE	ELEV
0	18.2
300	18.3
1910	22.1
2562	23.5
4252	25.3
4602	25.5

DISTANCE	ELEV
0	25.5
350	25.3
2039	23.5
2692	22.1
4301	18.3
4602	18.2

RUNWAY: 14R/32L LENGTH: 2799 WIDTH: 75 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
14R	375945.2356	-1220337.4729	17.1	1533053					
32L	375920.4670	-1220321.8795	22.2	3333103					

PROFILE DATA

DISTANCES FROM APPROACH END 14R

DISTANCES FROM APPROACH END 32L

DISTANCE	ELEV
0	17.1
2329	21.3
2529	20.4
2799	22.2

DISTANCE	ELEV
0	22.2
271	20.4
470	21.3
2799	17.1

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VERTICAL DATUM: NAVD88

NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
LDA (19R)	375857.4393	-1220334.0087	23.0		
LDA (19R) PP	375859.0168	-1220338.5874		400L	-440
LOM (19R)	380247.0577	-1220200.3535			19829
VOR/DME(CCR)	380241.7137	-1220242.7499	7.6		

VISUAL	LATITUDE	LONGITUDE
ALS (19R)		
APBN	375908.9941	-1220319.0525
REIL (1L)		
REIL (32R)		
VASI (1L)		
VASI (19R)		
VASI (32R)		

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OBSTRUCTION INFORMATION

1L SUPLC

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	375941.40	-1220315.25	1A	29		5	5	3	-5117		2R	8
FENCE	375937.04	-1220311.91	1A	27		3	3	1	-4819		423R	6
FENCE	375936.32	-1220311.26	1A	28		4	4	2	-4773		*500R	6
OL ON AMOM	375937.26	-1220321.71	1A	43		19	19	17	-4527		305L	21
OL ON LTD WSK	375914.84	-1220324.63	1A	51		27	27	25	-2354		386R	30
OL ON LDA	375857.44	-1220334.01	1A	31		7	7	5	-440		400R	8
ANT ON BLDG	375856.99	-1220334.15	1A	35		11	11	9	-394		408R	11
GRD	375853.07	-1220336.44	1A	25		1	1	-1	43		398R	1
FENCE	375851.93	-1220335.64	1A	30		6	6	4	123		*503R	6
TREE	375851.49	-1220349.39	1A	44		20	20	18	603		490L	8
TREE	375847.32	-1220347.10	1A	67		43	43	41	916		153L	22
TREE	375845.43	-1220344.95	1A	59		35	35	33	1024		81R	11
TREE	375847.18	-1220354.03	1A	70		46	46	44	1151		*656L	19
TREE	375841.39	-1220341.11	1A	97		73	73	71	1275		527R	42
TREE	375843.58	-1220352.92	1A	66		42	42	40	1450		429L	6
TREE	375839.99	-1220343.67	1A	67		43	43	41	1487		396R	5
TREE	375840.42	-1220347.25	1A	87		63	63	61	1562		115R	23
TREE	375837.49	-1220356.52	1A	106		82	82	80	2129		448L	26
TREE	375829.20	-1220352.03	1A	108		84	84	82	2755		217R	9
TREE	375734.19	-1220437.11	2C	244		220	220	218	9297		874L	-47
TK	375725.42	-1220438.12	1A	215		191	191	189	10143		594L	-101

19R D

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	375851.93	-1220335.64	1A	30		9	8	4	-5124	-4523	*503L	6
GRD	375853.07	-1220336.44	1A	25		4	3	-1	-5044	-4443	398L	1
ANT ON BLDG	375856.99	-1220334.15	1A	35		14	13	9	-4606	-4006	408L	11

19R D (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LDA	375857.44	-1220334.01	1A	31		10	9	5	-4561	-3960	400L	8
OL ON LTD WSK	375914.84	-1220324.63	1A	51		30	29	25	-2647	-2046	386L	30
OL ON AMOM	375937.26	-1220321.71	1A	43		22	21	17	-474	126	305R	21
FENCE	375936.32	-1220311.26	1A	28		7	6	2	-228	373	*500L	6
FENCE	375937.04	-1220311.91	1A	27		6	5	1	-181	419	423L	6
FENCE	375941.40	-1220315.25	1A	29		8	7	3	116	717	2L	8
ANT ON BLDG	375944.64	-1220308.29	1A	48		27	26	22	639	1240	382L	14
BUSH	375946.85	-1220313.59	1A	38		17	16	12	674	1275	96R	3
TREE	375951.39	-1220308.42	1A	78		57	56	52	1261	1861	100L	25
LT POLE	375951.16	-1220304.59	1A	65		44	43	39	1362	1963	390L	10
TREE	375956.93	-1220306.46	1A	78		57	56	52	1838	2439	20L	9
TREE	375954.29	-1220258.07	1A	98		77	76	72	1861	2461	743L	28
POLE	375958.11	-1220307.72	1A	72		51	50	46	1907	2508	120R	0
SIGN	380001.65	-1220315.20	1A	78		57	56	52	1996	2597	*812R	4
LT POLE	380002.84	-1220313.30	1A	70		49	48	44	2167	2768	720R	-9
TREE	380002.07	-1220304.02	1A	83		62	61	57	2392	2993	9R	-3
CAMERA	380007.01	-1220300.53	1A	96		75	74	70	2962	3563	48L	-7

1R AV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	375914.84	-1220324.63	1A	51		28	51	25	-1372		114L	29
OL ON LDA	375857.44	-1220334.01	1A	31		8	31	5	542		99L	-10
ANT ON BLDG	375856.99	-1220334.15	1A	35		12	35	9	588		92L	-8
GRD	375853.07	-1220336.44	1A	25		2	25	-1	1025		101L	-40
FENCE	375851.93	-1220335.64	1A	30		7	30	4	1105		4R	-39
FENCE	375851.08	-1220333.75	1A	49		26	49	23	1124		176R	-21
TREE	375841.18	-1220338.17	1A	77		54	77	51	2184		252R	-46
TREE	375841.39	-1220341.11	1A	97		74	97	71	2258		28R	-29
TREE	375839.99	-1220343.67	1A	67		44	67	41	2470		103L	-70
TREE	375840.42	-1220347.25	1A	87		64	87	61	2544		*384L	-54
OL ON BLDG	375829.22	-1220342.57	1A	97		74	97	71	3434		412R	-88
TREE	375829.20	-1220352.03	1A	108		85	108	82	3738		281L	-92

19L AV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	375914.84	-1220324.63	1A	51		29	51	25	-1398		114R	29
FENCE	375936.32	-1220311.26	1A	28		6	28	2	1020		0R	-35
FENCE	375937.04	-1220311.91	1A	27		5	27	1	1067		77R	-38
POLE	375940.75	-1220307.49	1A	67		45	67	41	1552		98L	-23
ANT ON BLDG	375944.64	-1220308.29	1A	48		26	48	22	1887		119R	-58
TREE	375943.85	-1220304.09	1A	104		82	104	78	1948		222L	-5
TREE	375951.39	-1220308.42	1A	78		56	78	52	2509		*401R	-59
LT POLE	375951.16	-1220304.59	1A	65		43	65	39	2610		111R	-77
TREE	375954.29	-1220258.07	1A	98		76	98	72	3109		242L	-69
TREE	380002.07	-1220304.02	1A	83		61	83	57	3641		*509R	-111
CAMERA	380007.01	-1220300.53	1A	96		74	96	70	4210		453R	-126

14L SUPLC

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	375906.26	-1220304.43	1A	32		14	7	6	-4709	-4408	111L	6
FENCE	375908.09	-1220303.84	1A	32		14	7	6	-4564	-4264	236L	6
OL ON AMOM	375937.26	-1220321.71	1A	43		25	18	17	-1285	-985	*270L	22
RD(N)	375952.42	-1220334.96	1A	34		16	9	8	561	861	3L	5
BLDG	375951.96	-1220338.16	1A	35		17	10	9	633	933	246R	4
FLGPL	375954.56	-1220332.17	1A	43		25	18	17	655	955	300L	12
SIGN	375954.70	-1220332.99	1A	41		23	16	15	697	997	248L	8
RD(N)	375955.29	-1220336.80	1A	42		24	17	16	886	1186	1L	3

32R SUPLC

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON AMOM	375937.26	-1220321.71	1A	43		17	18	17	-3316	-2966	*270R	22
FENCE	375908.09	-1220303.84	1A	32		6	7	6	-38	312	236R	6
FENCE	375906.26	-1220304.43	1A	32		6	7	6	107	457	111R	6
FENCE	375904.86	-1220304.68	1A	33		7	8	7	225	575	29R	6
HGR	375900.62	-1220306.58	1A	39		13	14	13	541	891	297L	3
TREE	375900.06	-1220259.60	1A	77		51	52	51	841	1191	177R	32

32R SUPLC (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	375900.09	-1220256.68	1A	102		76	77	76	943	1293	*388R	54
BLDG	375857.40	-1220259.91	1A	58		32	33	32	1071	1421	35R	6
TREE	375855.20	-1220258.16	1A	81		55	56	55	1333	1683	61R	22
POLE	375853.41	-1220301.73	1A	71		45	46	45	1367	1717	275L	11
TREE	375851.39	-1220303.23	1A	84		58	59	58	1497	1846	*473L	21
TREE	375850.79	-1220300.81	1A	82		56	57	56	1638	1988	327L	14
OL ON BLDG	375819.25	-1220235.01	1A	177		151	152	151	5414	5764	101R	-2

14R AV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
RD(N)	375950.44	-1220340.69	1A	34		17	34	8	586		4L	-3
RD(N)	375952.45	-1220342.02	1A	38		21	38	12	816		1R	-10
TREE	375951.94	-1220343.58	1A	40		23	40	14	825		135R	-8

32L AV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
LT	375908.40	-1220316.62	1A	69		47	69	43	1281		167L	-8
LT	375905.16	-1220311.33	1A	51		29	51	25	1762		66R	-50
HGR	375900.62	-1220306.58	1A	39		17	39	13	2343		201R	-91
POLE	375853.41	-1220301.73	1A	71		49	71	45	3169		223R	-99
TREE	375851.39	-1220303.23	1A	84		62	84	58	3298		25R	-93
TREE	375850.79	-1220300.81	1A	82		60	82	56	3440		171R	-102

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
OL ON HGR	375921.10	-1220335.32	1A	49		23		24308	860	6
ROD ON OL RTR TWR	375922.53	-1220311.71	1A	55		29		7611	1048	20
BLDG	375914.41	-1220338.22	1A	40		14		21624	1369	5

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ANT + APBN ON OL ATCT		375908.99	-1220319.05	1A	98		72		14627	1470	18
TREE		375937.04	-1220336.71	1A	46		20		31112	1727	0
FENCE		375936.32	-1220311.26	1A	28		2		2306	1745	6
TREE		375912.08	-1220342.31	1A	74		48		21658	1772	10
POLE		375940.75	-1220307.49	1A	67		41		2203	2285	31
POLE		375904.17	-1220345.74	1A	59		33		20620	2522	3
POLE		375942.56	-1220302.95	1A	96		70		2553	2656	20
TREE		375943.85	-1220304.09	1A	104		78		2236	2698	47
HGR		375946.21	-1220342.27	1A	37		11		31407	2750	-7
TREE		375942.63	-1220301.20	1A	131		105		2758	2755	37
TREE		375901.61	-1220346.41	1A	72		46		20336	2755	24
TREE		375900.09	-1220256.68	1A	102		76		12016	3217	50
FENCE		375851.93	-1220335.64	1A	30		4		18013	3241	6
FENCE		375851.08	-1220333.75	1A	49		23		17717	3288	0
POLE		375856.16	-1220349.96	1A	65		39		20129	3364	10
FLGPL		375957.10	-1220316.90	1A	71		45		35501	3527	3
TREE		375851.39	-1220303.23	1A	84		58		13610	3616	17
ANT ON OL BLDG		375846.85	-1220316.01	1A	136		110		15345	3704	-39
TREE		375850.79	-1220300.81	1A	82		56		13401	3765	-94
SIGN		380001.65	-1220315.20	1A	78		52		35546	4004	-2
TREE		375850.24	-1220353.30	1A	94		68		19925	4006	30
TREE		375848.75	-1220353.89	1A	93		67		19846	4158	31
TREE		375847.18	-1220354.03	1A	70		44		19742	4296	13
TREE		375841.15	-1220336.49	1A	90		64		17713	4316	1
TREE		375841.18	-1220338.17	1A	77		51		17858	4344	6
LT POLE		375845.37	-1220356.29	1A	71		45		19821	4549	-2
OL ON HOPPER		380008.76	-1220336.91	1A	99		73		33255	4749	16
CAMERA		380007.01	-1220300.53	1A	96		70		810	4876	-80
OL ON BLDG		375829.22	-1220342.57	1A	97		71		17924	5604	-12
TREE		375829.20	-1220352.03	1A	108		82		18636	5844	-68
TREE		375942.50	-1220441.22	2C	279		253		27244	6434	103
TREE		375924.69	-1220450.80	1A	282		256		25618	6888	106
ANT ON OL BLDG		375900.19	-1220200.08	1A	182		156		9319	7158	6
TREE		380006.20	-1220436.59	2A	200		174		29205	7232	24
OL ON BLDG		375819.25	-1220235.01	1A	177		151		13253	7564	1
BLDG		375806.96	-1220304.68	2C	177		151		15250	7839	1
OL ON BLDG		375842.43	-1220200.94	1A	211		185		10600	7858	35

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
BLDG		375825.86	-1220214.47	1A	176		150		12020	8055	0
TREE		375957.78	-1220459.15	2C	380		354		27948	8341	204
TRMSN TWR		380032.56	-1220425.94	1A	173		147		30957	8588	-3
TREE		375909.74	-1220134.98	2A	212		186		8314	8891	36
OL ON BLDG		375829.07	-1220155.40	1A	279		253		11154	8988	103
OL ON TWR		375924.77	-1220518.06	1A	309		283		25558	9070	133
TREE		375815.51	-1220440.06	2C	271		245		20613	9091	95
TRMSN TWR		380030.18	-1220441.73	1A	197		171		30236	9186	21
OL ON BLDG		375831.71	-1220149.19	1A	283	201	257		10843	9236	107
OL ON TK		380052.28	-1220352.79	1A	213		187		33048	9325	37
POLE		375833.49	-1220504.86	1A	303		277		22248	9437	127
TRMSN TWR		375937.19	-1220523.02	1A	311		285		26327	9575	135
TRMSN TWR		375918.71	-1220525.51	2C	314		288		25215	9672	138
TRMSN TWR		375909.27	-1220525.23	2C	297		271		24638	9738	121
TREE		375842.20	-1220516.86	2C	285		259		23006	9867	109
TREE		380017.96	-1220139.71	2C	220		194		4108	10094	44
TREE		380021.39	-1220138.73	2C	238		212		3946	10354	62
TRMSN TWR		375855.33	-1220531.07	2C	330		304		23920	10484	154
TRMSN TWR		380010.11	-1220523.31	1A	359		333		28129	10626	155
TREE		380022.55	-1220134.31	2C	221		195		4020	10712	45
TREE		375948.44	-1220114.48	2C	190		164		6043	10750	14
GRD		380038.25	-1220501.61	1A	287		261		29916	10877	98
TREE		380014.45	-1220120.86	2C	221		195		4655	11213	45
OL STK		380114.78	-1220359.52	1A	378	355	352		33055	11663	201
ROD ON OL STK		380123.30	-1220339.85	1A	368	350	342		33903	12248	171
TREE		375734.19	-1220437.11	2C	244		218		19230	12419	69
ROD ON OL STK		380129.58	-1220324.94	1A	352	337	326		34439	12825	131
TREE		375746.76	-1220513.09	2C	365		339		20627	13021	189
TRMSN TWR		375836.13	-1220556.78	2C	549		523		23330	13052	326
TREE		375821.59	-1220550.20	2A	512		486		22642	13186	298
TREE		375800.41	-1220533.36	2C	434		408		21543	13244	239
TK		375725.42	-1220438.12	1A	215		189		19101	13246	39
TRMSN TWR		375826.32	-1220609.84	1A	543		517		23120	14396	259
TREE		375853.19	-1220620.73	2C	461		435		24242	14400	149
TREE		375917.24	-1220627.97	2C	444		418		25231	14675	92
TREE		375908.41	-1220631.07	2C	475		449		24908	14984	117
TREE		375750.20	-1220607.51	2C	494		468		21860	16046	153

ARP HCT (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
TREE	375801.23	-1220620.86	2A	590		564		22422	16334	225

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.