

AERONAUTICAL DATA SHEET
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 02/12/2003

PROJECT NUMBER: 877
 ARPT IDENTIFIER: RAP
 ARPT NAME: RAPID CITY REGIONAL AIRPORT
 CITY: RAPID CITY
 STATE: SOUTH DAKOTA
 ARPT ELEVATION: 3203.8
 AIRPORT REFERENCE POINT

DISTANCE FROM RWY END: 23+0
 LATITUDE: 440243.2
 LONGITUDE: -1030326.5

SITE NUMBER: 22776.A
 SURVEY DATE: 10/27/2001
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88
 ATCT FLOOR ELEV: 3209.0
 DECLINATION: 9.6E

RUNWAY INFORMATION

RUNWAY: 5/23 LENGTH: 3601 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
5	440252.3244	-1030349.7506	3173.1	614947	3198.9				
23	440309.1087	-1030306.2874	3203.8	2415017	3203.8				

PROFILE DATA

DISTANCES FROM APPROACH END 5

DISTANCES FROM APPROACH END 23

DISTANCE	ELEV
0	3173.1
751	3177.8
1239	3177.4
2197	3193.4
3601	3203.8

DISTANCE	ELEV
0	3203.8
1405	3193.4
2362	3177.4
2851	3177.8
3601	3173.1

RUNWAY: 14/32 LENGTH: 8701 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
14	440313.7830	-1030354.0275	3191.1	1514928	3191.1				
32	440158.0493	-1030257.8009	3142.8	3315007	3159.7				

DISTANCES FROM APPROACH END 14

DISTANCE	ELEV
0	3191.1
1101	3185.5
2063	3177.8
3323	3168.7
7621	3152.1
8701	3142.8

DISTANCES FROM APPROACH END 32

DISTANCE	ELEV
0	3142.8
1079	3152.1
5378	3168.7
6637	3177.8
7599	3185.5
8701	3191.1

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VERTICAL DATUM: NAVD88

NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
DME (32)	440318.4098	-1030401.2378	3209.1		
GS (32)	440207.1222	-1030259.7239	3143.9		
GS (32) PP	440205.6781	-1030303.4627	3150.9	310R	876
LOC (32)	440319.3349	-1030358.1545	3196.5		638
LOM (32)	435753.2721	-1025956.1572			28123
MM (32)	440130.2049	-1030237.2009			3197
TACAN (RAP)	435832.7229	-1030041.7863	3140.0		
VOR (RAP)	435833.7162	-1030044.4154	3160.0		

VISUAL	LATITUDE	LONGITUDE
ALS (32)		
APBN	440230.5985	-1030342.1145
PAPI (5)		
PAPI (14)		
PAPI (23)		
PAPI (32)		
REIL (14)		

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OBSTRUCTION INFORMATION

5 AV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	440308.54	-1030304.40	1A	3205		32	6	1	-3696		115R	1
GRD	440310.20	-1030307.21	1A	3206		33	7	2	-3593		*129L	2
GRD	440301.27	-1030330.12	1A	3185		12	-14	-19	-1692		121L	0
GRD	440250.44	-1030351.53	1A	3173		0	-26	-31	204		107R	0

23 AV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	440301.27	-1030330.12	1A	3185		-19	-19	-19	-1909		121R	0
GRD	440310.20	-1030307.21	1A	3206		2	2	2	-8		*129R	2
GRD	440308.54	-1030304.40	1A	3205		1	1	1	94		115L	1
RD(N)	440312.13	-1030258.56	1A	3218		14	14	14	642		3R	-8

14 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL GS	440207.12	-1030259.72	1A	3184		-7	-7	-20	-7824		310L	34
FENCE	440215.69	-1030304.68	1A	3159		-32	-32	-45	-6889		400L	4
FENCE	440255.73	-1030348.18	1A	3181		-10	-10	-23	-1814		487R	1
FENCE	440258.82	-1030350.46	1A	3187		-4	-4	-17	-1459		485R	4
FENCE	440309.31	-1030356.89	1A	3189		-2	-2	-15	-301		398R	0
GRD	440317.14	-1030350.48	1A	3192		1	1	-12	178		389L	1
GRD	440317.22	-1030352.16	1A	3192		1	1	-12	243		285L	0
OL ON LOC	440319.33	-1030358.15	1A	3204		13	13	0	638		0R	0
OL DME	440318.41	-1030401.24	1A	3213		22	22	9	662		243R	9
FENCE	440324.52	-1030355.25	1A	3216		25	25	12	1000		435L	1

32 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	440317.14	-1030350.48	1A	3192		49	32	-12	-8878		389R	1
FENCE	440309.31	-1030356.89	1A	3189		46	29	-15	-8400		398L	0
FENCE	440258.82	-1030350.46	1A	3187		44	27	-17	-7242		485L	4
FENCE	440255.73	-1030348.18	1A	3181		38	21	-23	-6887		487L	1
FENCE	440215.69	-1030304.68	1A	3159		16	-1	-45	-1812		400R	4
OL GS	440207.12	-1030259.72	1A	3184		41	24	-20	-876		310R	34
FENCE	440154.39	-1030248.90	1A	3135		-8	-25	-69	634		398R	-16
FENCE	440150.02	-1030258.10	1A	3140		-3	-20	-64	707		403L	-13
BLDG	440147.44	-1030256.17	1A	3142		-1	-18	-62	1004		402L	-17
FENCE	440148.06	-1030251.81	1A	3144		1	-16	-60	1099		92L	-17

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
SIGN	440235.03	-1030338.36	1A	3224		20		21644	1198	8
SIGN	440245.49	-1030347.31	1A	3217		13		26905	1538	-16
OL ON APBN	440230.60	-1030342.11	1A	3223		19		21211	1712	-56
HGR	440248.78	-1030350.25	1A	3193		-11		27826	1825	-5
GRD	440304.27	-1030326.12	1A	3210		6		35108	2134	0
FENCE	440252.99	-1030355.43	1A	3184		-20		28531	2334	-12
HGR	440218.80	-1030324.84	1A	3191		-13		16735	2475	-3
GRD	440310.20	-1030307.21	1A	3206		2		1739	3076	2
FENCE	440311.12	-1030308.42	1A	3216		12		1526	3120	-6
ANT ON OL ATCT	440211.14	-1030323.26	1A	3233		29		16613	3255	4
FENCE	440311.90	-1030306.30	1A	3215		11		1718	3260	-7
ANT ON BLDG	440208.45	-1030317.34	1A	3181		-23		15938	3582	-10
GRD	440319.03	-1030346.87	1A	3222		18		32806	3922	1
ANT ON OL RTR TWR	440202.88	-1030331.85	1A	3210		6		17552	4102	-143
FENCE	440326.00	-1030351.44	1A	3233		29		32736	4702	-3
ROD ON OL RTR TWR	440517.39	-1030355.63	1A	3499		295		34238	15760	29

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.