NGS FORM-292

AERONAUTICAL DATA SHEET
NATIONAL GEODETIC SURVEY

DATE GENERATED: 04/04/2005

PROJECT NUMBER: 395
ARPT IDENTIFIER: SUX — SITE NUMBER: 06341.A
ARPT NAME: SIOUX GATEWAY/COLONEL BUD DAY FIELD — SURVEY DATE: 09/10/2004
CITY: SIOUX CITY — HORIZONTAL DATUM: NAD83
STATE: IOWA — VERTICAL DATUM: NAVD88
ARPT ELEVATION: 1098.3 — DISTANCE FROM RWY END: 17+433 — ATCT FLOOR ELEV: 1194.0
AIRPORT REFERENCE POINT — LATITUDE: 422409.4 — LONGITUDE: -962303.7 — DECLINATION: 4.3E

RUNWAY INFORMATION

RUNWAY: 13/31 LENGTH: 9002 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA — DISPLACED THRESHOLD DATA

RWY	GEODETIC LATITUDE	GEODETIC LONGITUDE	ELEV	AZ (N)	TDZE	DISPLACED THRESHOLD LENGTH	DISPLACED THRESHOLD LATITUDE	DISPLACED THRESHOLD LONGITUDE	DISPLACED THRESHOLD ELEV
13	422433.0723	-962351.7323	1093.1	1354043	1094.6				
31	422329.4477	-962227.9207	1093.4	3154139	1096.4				

PROFILE DATA

DISTANCES FROM APPROACH END 13

DISTANCE	ELEV
0	1093.1
2011	1090.7
3751	1097.6
5997	1096.2
9002	1093.4
9999	1090.2

DISTANCES FROM APPROACH END 31

DISTANCE	ELEV
0	1093.4
3005	1096.2
5251	1097.6
6991	1090.7
9002	1093.1
10001	1090.8

RUNWAY: 17/35 LENGTH: 6600 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA

RWY	GEODETIC LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE
17	422453.0196	-962254.9099	1097.4	1804014	1098.3
35	422347.8353	-962255.9393	1094.8	4014	1096.3

DISPLACED THRESHOLD DATA

LENGTH	LATITUDE	LONGITUDE	ELEV

PROFILE DATA

DISTANCES FROM APPROACH END 35

DISTANCE	ELEV
0	1094.8
289	1096.2
5144	1096.2
6166	1098.3
6600	1097.4

DISTANCES FROM APPROACH END 17

DISTANCE	ELEV
0	1097.4
433	1098.3
1455	1096.2
6311	1096.2
6600	1094.8

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NAVIGATIONAL AID INFORMATION

ELECTRONIC			LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR	(SUX)		422409.3938	-962336.8337	1086.0		
GS	(13)		422422.8926	-962345.7636	1086.5		
GS	(13)	PP	422425.6507	-962341.9525	1092.1	400R	1050
GS	(31)		422332.8334	-962241.8209	1091.6		
GS	(31)	PP	422336.3319	-962236.9858	1094.7	507L	974
LOC	(13)		422321.0748	-962216.8815	1090.9		1185
LOC	(31)		422443.1523	-962405.0129	1089.2		1426
LOM	(13)		422736.5671	-962743.9448			25463
LOM	(31)		421939.0050	-961725.4048			32560
MM	(31)		422309.9905	-962159.5210			2902
NDB	(GAK)		422429.2234	-962309.6864			
VORTAC	(SUX)		422040.2574	-961925.1186	1087.0		

VISUAL		LATITUDE	LONGITUDE
ALS	(13)		
ALS	(31)		
APBN		422422.4449	-962214.7496
REIL	(17)		
VASI	(13)		
VASI	(17)		
VASI	(31)		
VASI	(35)		

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OBSTRUCTION INFORMATION

13 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	422332.83	-962241.82	1A	1124		31	29	26	-8028		*507R	29
OL ON TMOM	422333.31	-962242.49	1A	1110		17	15	12	-7959		*509R	15
OL ON TMOM	422335.49	-962244.18	1A	1110		17	15	12	-7712		446R	15
ROD ON OL GS	422422.89	-962345.76	1A	1120		27	25	22	-1050		400R	28
ANT ON BLDG	422444.88	-962402.36	1A	1104		11	9	6	1412		264L	-14
TREE	422453.56	-962421.01	1A	1171		78	76	73	3018		122R	22
TREE	422457.96	-962416.49	1A	1173		80	78	75	3100		432L	22
TREE	422500.35	-962415.20	1A	1174		81	79	76	3206		670L	21
TREE	422503.12	-962413.03	1B	1168		75	73	70	3293		*982L	13
TREE	422505.96	-962425.63	1A	1172		79	77	74	4158		507L	0
TREE	422455.48	-962440.51	1A	1185		92	90	87	4180		1033R	12
TREE	422506.29	-962439.52	1A	1193		100	98	95	4911		215R	6

31 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	422422.89	-962345.76	1A	1120		27	24	22	-7952		400L	28
OL ON TMOM	422335.49	-962244.18	1A	1110		17	14	12	-1290		446L	15
OL ON TMOM	422333.31	-962242.49	1A	1110		17	14	12	-1043		*509L	15
OL ON GS	422332.83	-962241.82	1A	1124		31	28	26	-974		*507L	29
OL ON LOC	422321.07	-962216.88	1A	1099		6	3	1	1185		1R	-15
ANT ON BLDG	422321.83	-962213.09	1A	1105		12	9	7	1329		257R	-11
RD(N)	422317.09	-962211.65	1A	1110		17	14	12	1748		0R	-15
POLE	422309.03	-962214.63	1A	1124		31	28	26	2176		730L	-9
TREE	422308.27	-962214.95	1A	1140		47	44	42	2214		801L	6
TREE	422308.33	-962212.11	1A	1131		38	35	33	2359		644L	-6

17 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	422506.03	-962300.65	1A	1144		47	46	46	1312		*446R	13
TREE	422506.03	-962300.12	1A	1148		51	50	50	1312		407R	18
TREE	422509.11	-962257.48	1A	1133		36	35	35	1627		212R	-7
TREE	422515.11	-962258.86	1A	1149		52	51	51	2232		323R	-8
TREE	422516.29	-962256.70	1A	1160		63	62	62	2354		162R	-1
TREE	422516.59	-962251.48	1A	1162		65	64	64	2389		229L	0
OL ON ELEVATOR	422610.05	-962258.13	1A	1253		156	155	155	7795		332R	-68

35 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
RFLTR	422338.89	-962256.11	1A	1106		11	10	8	905		2L	-10

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
OL ON WSK	422402.61	-962251.08	1A	1116		18	12140	1170	6
ANT ON OL ATCT	422409.27	-962235.76	1A	1226		128	8603	2097	-22
ANT ON ASR	422409.39	-962336.83	1A	1136		38	26541	2486	-11
OL APBN ON TK	422422.44	-962214.75	1A	1250		152	6555	3903	1
OL ON TMOM	422333.31	-962242.49	1A	1110		12	15209	3985	14
OL ON GS	422332.83	-962241.82	1A	1124		26	15147	4050	28
ANT ON OL AMOM	422330.18	-962246.15	1A	1128		30	15720	4184	-28
TREE	422427.33	-962400.64	1A	1158		60	28843	4642	9
ANT ON OL LT POLE	422338.37	-962216.96	1A	1177		79	12732	4708	-19
TREE	422427.25	-962401.92	1A	1175		77	28810	4727	16
TREE	422455.96	-962245.62	1A	1172		74	1145	4905	10
TREE	422457.63	-962246.99	1A	1157		59	1005	5041	9
ANT ON OL LT POLE	422333.01	-962214.17	1A	1169		71	13026	5233	5
TREE	422431.85	-962406.65	1A	1172		74	29124	5241	25
TREE	422500.10	-962249.01	1A	1171		73	749	5250	43
TREE	422501.22	-962248.15	1A	1172		74	814	5375	34
TREE	422433.69	-962408.74	1A	1177		79	29226	5464	32

ARP HCT (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
OL ON HGR	422319.92	-962229.40	1A	1130		32	14830	5632	1
TREE	422506.03	-962300.65	1A	1144		46	35759	5738	9
TREE	422506.05	-962248.45	1A	1144		46	659	5848	6
TREE	422438.71	-962420.67	1A	1190		92	29254	6492	6
TREE	422307.25	-962215.82	1A	1162		64	14557	7245	11
TREE	422503.12	-962413.03	1B	1168		70	31159	7526	10
POLE	422437.93	-962117.25	1A	1287		189	6548	8493	38
GRD	422433.83	-962103.97	1B	1308		210	7018	9317	60
ANT ON POLE	422425.42	-962048.24	2C	1284		186	7637	10292	35
TK	422424.31	-962047.58	1A	1242		144	7716	10324	-7
OL TWR (N 1 OF 4)	422445.75	-962537.29	1A	1288		190	28325	12096	39
OL ON ELEVATOR	422610.05	-962258.13	1A	1253		155	35739	12221	4
GRD	422521.76	-962049.77	2C	1319		221	4935	12434	70
GRD	422535.95	-962102.31	2C	1286		188	4147	12637	37
TREE	422521.76	-962045.77	1A	1351		253	5023	12678	100
TREE	422531.40	-962043.05	1A	1371		273	4729	13426	95
VENT ON BLDG	422549.26	-962058.66	1A	1339		241	3832	13791	75
TREE	422550.91	-962059.84	1B	1358		260	3748	13854	93
TREE	422607.20	-962104.74	1A	1353		255	3229	14895	53

ADDITIONAL INFORMATION:

AERONAUTICAL DATA IS AVAILABLE ON THE INTERNET AT 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.