

AERONAUTICAL DATA SHEET  
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 05/02/2003

PROJECT NUMBER: 5307  
 ARPT IDENTIFIER: AMW  
 ARPT NAME: AMES MUNICIPAL AIRPORT  
 CITY: AMES  
 STATE: IOWA  
 ARPT ELEVATION: 955.3  
 AIRPORT REFERENCE POINT

DISTANCE FROM RWY END: 1+0  
 LATITUDE: 415931.4  
 LONGITUDE: -933718.6

SITE NUMBER: 05829.A  
 SURVEY DATE: 10/18/2002  
 HORIZONTAL DATUM: NAD83  
 VERTICAL DATUM: NAVD88  
 ATCT FLOOR ELEV:  
 DECLINATION: 2.3E

RUNWAY INFORMATION

RUNWAY: 1/19      LENGTH: 5701      WIDTH: 100      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
1	415857.7221	-933729.1227	955.3	163546	955.3				
19	415951.6947	-933707.5576	918.7	1963601	937.0				

PROFILE DATA

DISTANCES FROM APPROACH END 1

DISTANCES FROM APPROACH END 19

DISTANCE	ELEV
0	955.3
956	947.8
2376	940.2
3817	923.9
4226	921.1
5701	918.7

DISTANCE	ELEV
0	918.7
1475	921.1
1884	923.9
3326	940.2
4746	947.8
5701	955.3

RUNWAY: 13/31      LENGTH: 3493      WIDTH: 100      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
13	415954.6668	-933734.9106	925.3	1361202	929.8				
31	415929.7640	-933702.9013	920.1	3161224	929.8				

PROFILE DATA

DISTANCES FROM APPROACH END 13

DISTANCES FROM APPROACH END 31

DISTANCE	ELEV
0	925.3
985	929.7
2375	921.1
2901	918.8
3493	920.1

DISTANCE	ELEV
0	920.1
591	918.8
1117	921.1
2508	929.7
3493	925.3

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VERTICAL DATUM: NAVD88

NAVIGATIONAL AID INFORMATION

ELECTRONIC		LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
GS	(1)	415908.0004	-933723.2891	944.3		
GS	(1) PP	415908.3532	-933724.8758	946.9	125R	1123
LOC	(1)	420001.1602	-933703.7779	918.1		1000
LOM	(1)	415410.9946	-933931.9919			30475

VISUAL		LATITUDE	LONGITUDE
ALS	(1)		
APBN		415957.9403	-933720.7083
VASI	(13)		
VASI	(19)		
VASI	(31)		

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## OBSTRUCTION INFORMATION

1 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON WSK AT WTEE	415948.42	-933716.46	1A	942		-13	-13	-13	-5192		*549L	22
ANT ON BLDG	415907.81	-933722.69	1A	957		2	2	2	-1118		174R	10
TREE	415903.91	-933719.73	1A	980		25	25	25	-803		*501R	31
TREE	415903.34	-933721.68	1A	986		31	31	31	-705		376R	37
GRD	415905.23	-933733.22	1A	955		0	0	0	-640		*514L	5
GRD	415857.21	-933736.44	1A	960		5	5	5	208		*515L	4
GRD	415856.43	-933736.30	1A	959		4	4	4	280		483L	2
ROD ON BLDG	415849.36	-933738.08	1A	981		26	26	26	1005		407L	10
TREE	415839.73	-933732.00	1A	994		39	39	39	1808		312R	6
POLE	415841.79	-933746.51	1A	1026		71	71	71	1921		*798L	36
RD(N)	415841.32	-933746.08	2C	1008		53	53	53	1957		753L	18
TREE	415830.59	-933748.90	1A	1053		98	98	98	3058		647L	41
TREE	415829.52	-933746.49	1A	1059		104	104	104	3110		442L	45
HOPPER	415802.06	-933742.64	1A	1084		129	129	129	5692		631R	19

19 BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	415905.23	-933733.22	1A	955		36	18	0	-5061		*514R	5
TREE	415903.34	-933721.68	1A	986		67	49	31	-4996		376L	37
TREE	415903.91	-933719.73	1A	980		61	43	25	-4898		*501L	31
ANT ON BLDG	415907.81	-933722.69	1A	957		38	20	2	-4583		174L	10
OL ON WSK AT WTEE	415948.42	-933716.46	1A	942		23	5	-13	-510		*549R	22
LOC	420001.16	-933703.78	1A	926		7	-11	-29	1000		0R	-33
POLE	420003.49	-933656.38	1A	942		23	5	-13	1385		467L	-36
TREE	420010.86	-933654.11	1A	973		54	36	18	2150		419L	-43

13 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	415928.94	-933705.23	1A	924		-1	-6	-31	-3431		185R	4
GRD	415952.44	-933736.56	1A	927		2	-3	-28	-76		246R	1
BUSH	415954.94	-933738.62	1A	939		14	9	-16	214		183R	14
POLE	415958.81	-933746.29	1A	957		32	27	2	897		330R	11
LT	420004.15	-933741.85	1A	954		29	24	-1	1056		287L	4
POLE	420003.79	-933751.07	1A	956		31	26	1	1511		242R	-8
RD(N)	420012.08	-933751.02	1A	976		51	46	21	2115		342L	-6
POLE	420014.06	-933749.14	1A	986		61	56	31	2160		*584L	3
POLE	420013.66	-933756.06	1A	981		56	51	26	2493		179L	-12
TREE	420013.74	-933801.45	1A	1013		88	83	58	2780		110R	12
ANT ON BLDG	420055.66	-933900.30	1A	1111		186	181	156	8919		378R	-71

31 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	415952.44	-933736.56	1A	927		7	-3	-28	-3416		246L	1
GRD	415928.94	-933705.23	1A	924		4	-6	-31	-62		185L	4
TREE	415921.46	-933657.36	1A	947		27	17	-8	897		280L	7
TREE	415923.97	-933650.65	1A	938		18	8	-17	1064		262R	-8
TREE	415924.78	-933649.25	1A	954		34	24	-1	1078		*395R	8
TREE	415920.09	-933653.91	1A	953		33	23	-2	1177		188L	4
TREE	415918.43	-933654.03	1A	965		45	35	10	1292		311L	13
TREE	415920.65	-933641.84	1A	978		58	48	23	1767		*510R	12
TREE	415915.09	-933639.87	1A	991		71	61	36	2276		228R	10
TREE	415909.89	-933639.00	1A	990		70	60	35	2701		89L	-4
POLE	415911.40	-933636.10	1A	974		54	44	19	2743		175R	-21

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ANT ON OL POLE	415925.68	-933706.67	1A	960		5		12026	1071	5
PIPE ON HGR	415944.49	-933731.92	1A	964		9		32029	1664	-8
OL ON WSK AT WTEE	415948.42	-933716.46	1A	942		-13		304	1731	15

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
TREE		415924.78	-933649.25	1A	954		-1		10431	2315	6
ANT		415954.55	-933718.93	1A	976		21		35705	2343	0
TREE		415915.18	-933654.00	1A	973		18		12910	2479	1
TREE		415924.91	-933646.17	1A	969		14		10243	2536	-6
TREE		415951.06	-933741.03	1A	971		16		31718	2614	-2
ROD ON APBN		415957.94	-933720.71	1A	975		20		35418	2691	-39
TREE		415952.59	-933740.27	1A	981		26		32021	2698	29
TREE		415903.91	-933719.73	1A	980		25		17927	2784	31
GRD		415905.23	-933733.22	1A	955		0		20019	2870	3
HGR		415958.49	-933729.93	1A	948		-7		34022	2873	-19
TREE		415920.65	-933641.84	1A	978		23		10906	2982	9
TREE		415921.59	-933641.24	1A	987		32		10705	2991	3
TREE		415959.12	-933733.51	1A	949		-6		33550	3023	4
WSK ON HGR		420002.28	-933713.19	1A	957		2		508	3152	-22
LT		420004.20	-933739.14	1A	954		-1		33240	3665	-4
GRD		415857.21	-933736.44	1A	960		5		19858	3714	2
TREE		420008.69	-933711.12	1A	1005		50		612	3817	-8
TREE		415843.42	-933722.65	1A	995		40		18118	4867	-13
POLE		420014.06	-933749.14	1A	986		31		32936	4896	-2
POLE		415843.90	-933746.53	1A	1020		65		20123	5251	15
POLE		415841.79	-933746.51	1A	1026		71		20028	5447	31
ANT ON BLDG		420007.59	-933843.02	1A	1087		132		29735	7352	-18
ANT		420108.67	-933724.74	1A	1068		113		35500	9857	-37
SILO		415851.59	-933918.21	2C	1085		130		24340	9891	-20
ANT ON HOPPER		415747.39	-933713.61	1A	1048		93		17539	10536	-57
SILO		415916.93	-933937.47	1A	1083		128		25945	10590	-22
ANT ON BLDG		420055.66	-933900.30	1A	1111		156		31543	11477	5
ANT ON OL BLDG		420131.07	-933628.63	1A	1154	224	199		1459	12689	35
STK		420131.47	-933628.50	1A	1138	208	183		1459	12730	17
STK		420141.13	-933821.82	1A	1141	236	186		33744	13973	-22
TK		420137.09	-933902.70	1A	1125		170		32600	14955	-85

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OBSTRUCTIONS WITH AN ACCURACY CODE OF 2C WERE PHOTOGRAMMETRICALLY DETERMINED. POSITIONS ARE CURRENT AS OF DATE OF PHOTOGRAPHY (8-AUGUST-2001).

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.