

AERONAUTICAL DATA SHEET
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 10/18/2006

PROJECT NUMBER: 906
 ARPT IDENTIFIER: GRK
 ARPT NAME: ROBERT GRAY ARMY AIRFIELD
 CITY: FORT HOOD
 STATE: TEXAS
 ARPT ELEVATION: 1015.3
 AIRPORT REFERENCE POINT

SITE NUMBER: 23882.2A
 SURVEY DATE: 03/09/2006
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88
 ATCT FLOOR ELEV: 1154.0
 DECLINATION: 5.3E

DISTANCE FROM RWY END: 15+33
 LATITUDE: 310402.1
 LONGITUDE: -974944.1

RUNWAY INFORMATION

RUNWAY: 15/33 LENGTH: 10000 WIDTH: 200 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
15	310447.7210	-975006.2815	1015.2	1572040	1015.3				
33	310316.3957	-974922.0050	971.5	3372103	995.3	194	310318.1702	-974922.8651	973.5

PROFILE DATA

DISTANCES FROM APPROACH END 15

DISTANCES FROM APPROACH END 33

DISTANCE	ELEV
0	1015.2
33	1015.3
2555	1011.1
5448	998.2
7429	993.9
8423	987.7
9805	973.5
10000	971.5

DISTANCE	ELEV
0	971.5
194	973.5
1577	987.7
2571	993.9
4552	998.2
7445	1011.1
9966	1015.3
10000	1015.2

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NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR (GRK)	310503.3812	-975059.4284	1171.1		
GS (15)	310436.5804	-975005.8587	1005.8		
GS (15) PP	310438.1040	-975001.6178	1013.4	400R	1053
LOC (15)	310306.7529	-974917.3346	961.9		1056
LOM (15)	311004.2292	-975241.6220			34716
VOR/DME(GRK)	310158.3900	-974849.6446	963.5		

VISUAL	LATITUDE	LONGITUDE
ALS (15)		
ALS (33)		
APBN	310358.3370	-974916.1560
PAPI (15)		
PAPI (33)		

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VERTICAL DATUM: NAVD88

OBSTRUCTION INFORMATION

15 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ANT ON POLE	310325.52	-974931.57	1A	983	-32	-32	-32	-8828			413R	0
OL ON LTD WSK	310326.12	-974930.08	1A	1002	-13	-13	-13	-8822			270R	19
GRD	310352.06	-974933.63	1A	1008	-7	-7	-7	-6284			454L	12
ROD ON OL TWR	310406.35	-974952.88	1A	1022	7	7	7	-4307			*535R	19
GRD	310411.00	-974942.53	1A	1017	2	2	2	-4220			477L	13
ANT ON WDI	310433.27	-974954.69	1A	1031	16	16	16	-1736			368L	19
ANT ON OL POLE	310434.19	-974955.07	1A	1028	13	13	13	-1638			373L	15
ROD ON OL TWR	310436.88	-974954.67	1A	1038	23	23	23	-1400			*510L	25
POLE	310439.04	-974958.96	1A	1020	5	5	5	-1055			249L	7
ROD ON OL GS	310436.58	-975005.86	1A	1060	45	45	45	-1053			400R	46
ANT ON AMOM	310440.51	-974956.21	1A	1057	42	42	42	-1010			*527L	43
OL LTD WSK	310440.00	-974957.85	1A	1041	26	26	26	-1003			376L	27
GRD	310446.35	-974959.78	1A	1027	12	12	12	-346			469L	13
GRD	310450.86	-975003.00	1A	1019	4	4	4	183			385L	3
GRD	310451.31	-975003.25	1A	1019	4	4	4	233			383L	3
TREE	310516.94	-975031.66	1A	1080	65	65	65	3575			900R	-3
TREE	310527.87	-975020.29	1A	1046	31	31	31	4213			438L	-49
TREE	310529.23	-975019.63	1A	1048	33	33	33	4317			545L	-49

33 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	310450.86	-975003.00	1A	1019	48	24	4	-10183	-9988		385R	3
GRD	310446.35	-974959.78	1A	1027	56	32	12	-9653	-9459		469R	13
OL LTD WSK	310440.00	-974957.85	1A	1041	70	46	26	-8997	-8802		376R	27
ANT ON AMOM	310440.51	-974956.21	1A	1057	86	62	42	-8989	-8795		*527R	43
ROD ON OL GS	310436.58	-975005.86	1A	1060	89	65	45	-8946	-8752		400L	46
POLE	310439.04	-974958.96	1A	1020	49	25	5	-8945	-8750		249R	7

33 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL TWR	310436.88	-974954.67	1A	1038		67	43	23	-8600	-8406	*510R	25
ANT ON OL POLE	310434.19	-974955.07	1A	1028		57	33	13	-8362	-8167	373R	15
ANT ON WDI	310433.27	-974954.69	1A	1031		60	36	16	-8264	-8069	368R	19
GRD	310411.00	-974942.53	1A	1017		46	22	2	-5780	-5585	477R	13
ROD ON OL TWR	310406.35	-974952.88	1A	1022		51	27	7	-5693	-5498	*535L	19
GRD	310352.06	-974933.63	1A	1008		37	13	-7	-3715	-3521	454R	12
OL ON LTD WSK	310326.12	-974930.08	1A	1002		31	7	-13	-1178	-983	270L	19
ANT ON POLE	310325.52	-974931.57	1A	983		12	-12	-32	-1172	-978	413L	0
TREE	310315.71	-974916.54	1A	988		17	-7	-27	247	441	412R	16
TREE	310314.10	-974913.78	1A	981		10	-14	-34	490	684	*571R	4
TREE	310313.40	-974914.47	1A	978		7	-17	-37	531	726	488R	0
TREE	310310.50	-974912.83	1A	981		10	-14	-34	857	1051	507R	-4
OL ON LOC	310306.75	-974917.33	1A	970		-1	-25	-45	1056	1250	0R	-19
POLE	310305.58	-974917.01	1A	967		-4	-28	-48	1176	1370	20L	-24
TREE	310307.06	-974909.47	1A	999		28	4	-16	1290	1484	643R	5
POLE	310303.94	-974913.16	1A	972		1	-23	-43	1458	1653	225R	-24
TREE	310303.43	-974909.27	1A	989		18	-6	-26	1636	1830	518R	-11
POLE	310301.47	-974906.24	1A	985		14	-10	-30	1920	2114	685R	-21
POLE	310258.97	-974904.81	1A	987		16	-8	-28	2201	2395	702R	-25
ROD ON TWR	310202.17	-974849.78	1A	1043		72	48	28	8001	8196	300L	-85
POLE	310201.79	-974850.44	1A	988		17	-7	-27	8014	8209	368L	-139
VOR/DME	310158.39	-974849.64	1A	991		20	-4	-24	8358	8553	437L	-144

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
FENCE	310409.08	-974938.21	1A	1037		22		3043	872	-1
ROD ON OL TWR	310406.35	-974952.88	1A	1022		7		29403	876	14
OL ON POLE	310414.64	-974939.81	1A	1051		36		1106	1321	-2
OL ON POLE	310353.84	-974930.91	1A	1086		71		12044	1419	55
ROD ON OL LT POLE	310352.55	-974958.62	1A	1082		67		22718	1589	-64
TREE	310354.72	-974927.84	1A	1170		155		11230	1599	99
POLE	310352.87	-974926.93	1A	1185		170		11640	1760	114
OL ON POLE	310352.77	-974926.17	1A	1181		166		11550	1822	102
POLE	310353.02	-974925.79	1A	1180		165		11438	1838	95

ARP	HCT	(CONTINUED)									
OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR	
OL ON TWR	310352.57	-974925.96	1A	1188		173		11605	1849	108	
TREE	310356.48	-974922.75	1A	1171		156		10143	1942	31	
OL ON LT POLE	310343.92	-974952.46	1A	1098		83		19618	1976	-23	
POLE	310353.86	-974922.83	1A	1187		172		10856	2029	63	
OL ON POLE	310347.54	-974927.76	1A	1054		39		13040	2046	23	
TREE	310354.82	-974921.50	1A	1178		163		10512	2099	34	
POLE	310355.04	-974920.90	1A	1181		166		10410	2141	29	
POLE	310417.70	-975004.49	1A	1056		41		30620	2373	-28	
POLE	310358.70	-974916.96	1A	1158		143		9258	2385	-7	
APBN	310358.34	-974916.16	1A	1167		152		9335	2460	1	
POLE	310421.91	-975006.58	1A	1055		40		31022	2798	-31	
OL ON LT POLE	310332.67	-974945.51	1A	1082		67		17703	2976	-18	
TREE	310416.99	-975013.97	1A	1168		153		29446	3002	2	
POLE	310424.49	-975007.04	1A	1045		30		31317	3017	-33	
LT POLE	310341.87	-974916.94	1A	1062		47		12534	3124	-58	
TREE	310418.03	-975016.08	1A	1172		157		29445	3214	7	
ROD ON BLDG	310426.45	-975008.32	1A	1040		25		31408	3239	-42	
POLE	310424.98	-975010.18	1A	1052		37		31014	3239	-59	
TREE	310419.27	-975017.06	1A	1173		158		29553	3351	8	
POLE	310419.28	-975017.34	1A	1182		167		29541	3373	17	
POLE	310419.59	-975017.44	1A	1184		169		29603	3396	19	
LT POLE	310339.25	-974915.45	1A	1061		46		12731	3398	-59	
ROD ON ATCT	310423.24	-975014.48	1A	1191		176		30339	3398	26	
TREE	310419.77	-975017.77	1A	1180		165		29604	3430	15	
ROD ON OL TK	310431.81	-974923.03	1A	1233		218		2605	3517	68	
ROD ON OL TWR	310436.88	-974954.67	1A	1038		23		34002	3633	24	
TREE	310418.64	-974902.61	1A	1174		159		5950	3977	8	
ANT ON AMOM	310440.51	-974956.21	1A	1057		42		33930	4021	39	
BLDG	310431.41	-975015.48	1A	1062		47		31202	4027	-76	
OL ON POLE	310418.25	-974901.78	1A	1174		159		6047	4027	9	
OL ON TK	310428.97	-975019.37	1A	1181		166		30612	4097	16	
ROD ON OL TWR	310441.75	-974955.80	1A	1039		24		34027	4134	10	
OL ON LT POLE	310319.83	-974948.57	1A	1055		40		17954	4289	-110	
LT POLE	310323.01	-974916.47	1A	999		-16		14323	4624	-5	
ANT ON BLDG	310440.34	-975019.23	1A	1064		49		31621	4926	-69	
BLDG	310443.33	-975016.09	1A	1043		28		32057	5009	-37	
OL LTD WSK	310453.96	-974957.14	1A	1066		51		34229	5362	-17	

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
POLE		310448.48	-975015.65	1A	1032		17		32421	5431	-15
TREE		310314.10	-974913.78	1A	981		-34		14609	5521	0
POLE		310306.63	-974928.36	1A	974		-41		16058	5769	-52
ANT ON OL TK		310434.31	-974847.81	1A	1175		160		5104	5879	10
POLE		310453.77	-975018.51	1A	1050		35		32452	6018	1
POLE		310500.06	-975000.68	1A	1039		24		34052	6031	-36
POLE		310455.12	-975019.16	1A	1048		33		32503	6165	-1
POLE		310456.23	-975020.00	1A	1044		29		32459	6298	-8
TREE		310503.30	-975002.95	1A	1032		17		33951	6398	-34
TREE		310425.27	-975107.65	1B	1229		214		28233	7634	63
TREE		310346.65	-975115.54	1B	1233		218		25336	8105	67
ROD ON OL LT POLE		310507.37	-975040.85	1A	1150		135		31753	8238	-15
TREE		310317.88	-975105.08	1B	1245		230		23219	8342	79
ROD ON OL LT POLE		310509.58	-975042.99	1A	1158		143		31747	8527	-7
ASR		310503.38	-975059.43	1A	1238		223		30805	9015	73
ROD ON OL TWR		310514.09	-974841.72	1A	1175		160		3125	9075	10
TREE		310537.37	-974946.32	1B	1114		99		35333	9629	-51
TREE		310447.95	-975129.44	1B	1231		216		29132	10266	66
TREE		310423.32	-974746.83	1B	1143		128		7249	10423	-34
TREE		310348.53	-975143.74	1B	1246		231		25712	10496	74
ANT ON OL TK		310433.71	-975147.83	1A	1351		336		28114	11226	185
ROD ON OL TWR		310300.57	-975141.98	1A	1502	302	487		23328	11992	245
TREE		310453.34	-975157.68	1B	1248		233		28843	12719	83
TREE		310402.62	-975213.77	1B	1275		260		26456	13018	11
POLE		310154.08	-974921.44	1A	1188		173		16602	13085	22
ANT		310153.66	-974922.06	1A	1194		179		16617	13119	28
PIPE ON OL TK		310228.85	-975129.62	1A	1321		306		21857	13155	51
ANT ON OL TWR		310440.51	-975210.81	1A	1338		323		28137	13337	133
ANT ON OL TWR		310441.12	-975213.79	1A	1356		341		28133	13604	139
ANT ON OL TWR		310435.95	-975216.76	1A	1338		323		27909	13711	105
ROD ON TWR		310624.53	-974829.19	1A	1169	200	154		1902	15798	-138
POLE		310624.23	-974821.93	1A	1130		115		2108	16042	-197
ROD ON OL TWR		310622.28	-974814.95	1A	1212	232	197		2323	16148	-129

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.