

AERONAUTICAL DATA SHEET
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 03/08/2001

PROJECT NUMBER: 198
 ARPT IDENTIFIER: HOU
 ARPT NAME: WILLIAM P. HOBBY AIRPORT
 CITY: HOUSTON
 STATE: TEXAS
 ARPT ELEVATION: 46.3
 AIRPORT REFERENCE POINT

DISTANCE FROM RWY END: 12R+1217
 LATITUDE: 293843.5
 LONGITUDE: -951644.0

SITE NUMBER: 24071.A
 SURVEY DATE: 06/22/2000
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88
 ATCT FLOOR ELEV: 103.0
 DECLINATION: 4.5E

RUNWAY INFORMATION

RUNWAY: 4/22 LENGTH: 7602 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
4	293820.7951	-951707.1599	42.1	435701	44.1				
22	293914.9697	-951607.3643	39.0	2235730	41.0				

PROFILE DATA

DISTANCES FROM APPROACH END 4

DISTANCES FROM APPROACH END 22

DISTANCE	ELEV
0	42.1
420	43.9
3054	42.6
3854	41.8
5665	39.4
7602	39.0

DISTANCE	ELEV
0	39.0
1937	39.4
3748	41.8
4548	42.6
7182	43.9
7602	42.1

RUNWAY: 12L/30R LENGTH: 5148 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
12L	293909.3849	-951701.9364	44.9	1335640	44.9				
30R	293834.0154	-951619.9293	39.6	3135701	44.0				

PROFILE DATA

DISTANCES FROM APPROACH END 12L

DISTANCES FROM APPROACH END 30R

DISTANCE	ELEV
0	44.9
2204	44.0
3075	41.8
5148	39.6

DISTANCE	ELEV
0	39.6
2074	41.8
2944	44.0
5148	44.9

RUNWAY: 12R/30L LENGTH: 7602 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
12R	293903.3642	-951707.8391	44.6	1335716	46.3	1034	293856.2620	-951659.4061	46.2
30L	293811.1258	-951605.8243	41.5	3135747	42.6	200	293812.5000	-951607.4553	41.5

PROFILE DATA

DISTANCES FROM APPROACH END 12R

DISTANCES FROM APPROACH END 30L

DISTANCE	ELEV
0	44.6
393	45.4
1034	46.2
1217	46.3
3028	42.6
7402	41.5
7602	41.5

DISTANCE	ELEV
0	41.5
200	41.5
4575	42.6
6385	46.3
6569	46.2
7209	45.4
7602	44.6

RUNWAY: 17/35 LENGTH: 6000 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
17	293908.4998	-951704.7990	44.8	1785634	45.7				
35	293809.1178	-951703.5445	43.0	3585634	45.6				

PROFILE DATA

DISTANCES FROM APPROACH END 17

DISTANCES FROM APPROACH END 35

DISTANCE	ELEV
0	44.8
792	45.4
3820	45.5
4517	43.9
6000	43.0

DISTANCE	ELEV
0	43.0
1482	43.9
2180	45.5
5208	45.4
6000	44.8

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NAVIGATIONAL AID INFORMATION

ELECTRONIC		LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR	(HOU)	293705.4739	-951614.3378	50.0		
DME	(4)	293923.8783	-951602.2310	50.4		
DME	(12R)	293805.4542	-951555.4071	54.9		
GS	(4)	293825.0594	-951655.8866	42.3		
GS	(4) PP	293827.9261	-951659.2905	43.8	417R	1001
GS	(12R)	293846.8471	-951654.7534	43.5		
GS	(12R) PP	293849.6953	-951651.6094	45.1	400R	1989
GS	(30L)	293814.9781	-951618.8847	38.2		
GS	(30L) PP	293818.6833	-951614.7945	41.7	520L	1100
LOC	(4)	293922.0975	-951559.4959	36.2		1000
LOC	(12R)	293804.2622	-951557.6766	39.1		999
LOC	(22)	293813.4710	-951715.2417	44.4		1028
LOC	(30L)	293907.1492	-951712.3637	42.6		553
LOM	(4)	293521.0958	-952025.2047			25202
MM	(4)	293800.8593	-951729.1503			2797
MM	(12R)	293922.3994	-951730.0223			2744
OM	(12R)	294235.5554	-952115.7821			30624
VOR/DME	(HUB)	293900.8526	-951644.2528	50.0		

VISUAL		LATITUDE	LONGITUDE
ALS	(4)		
ALS	(12R)		
ALS	(22)		
APBN		293758.4242	-951645.4598
REIL	(30L)		
REIL	(35)		
VASI	(12L)		
VASI	(17)		
VASI	(22)		
VASI	(35)		

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OBSTRUCTION INFORMATION

4 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	293825.06	-951655.89	1A	74		32	30	28	-1001		417R	31
OL ON LTD WSK	293829.44	-951701.16	1A	51		9	7	5	-997		225L	8
POLE	293819.92	-951717.99	1A	77		35	33	31	727		*627L	25
RD(N)	293817.93	-951719.79	1A	61		19	17	15	982		601L	4
LOC	293813.47	-951715.24	1A	52		10	8	6	1028		0R	-7
TREE	293816.13	-951723.00	1A	76		34	32	30	1309		*680L	12
TREE	293815.25	-951722.70	1A	71		29	27	25	1355		599L	6
POLE	293807.89	-951716.12	1A	67		25	23	21	1487		335R	-1
TREE	293801.28	-951719.21	1A	86		44	42	40	2158		603R	4
TREE	293800.21	-951718.89	1A	88		46	44	42	2216		698R	6
LT POLE	293802.00	-951743.09	1A	102		60	58	56	3568		965L	-7

22 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	293829.44	-951701.16	1A	51		12	10	5	-6605		225R	8
ROD ON OL GS	293825.06	-951655.89	1A	74		35	33	28	-6601		417L	31
ROD ON OL DME	293923.88	-951602.23	1A	55		16	14	9	962		299R	1
LOC	293922.10	-951559.50	1A	44		5	3	-2	1000		0R	-11
LT POLE	293921.85	-951551.75	1A	65		26	24	19	1456		510L	1
LT POLE	293922.54	-951547.68	1A	79		40	38	33	1756		719L	9
TREE	293934.08	-951554.57	1A	86		47	45	40	2173		528R	8
TREE	293933.06	-951549.76	1A	94		55	53	48	2394		150R	11
TREE	293939.07	-951550.25	1A	100		61	59	54	2801		603R	9
ANT ON BLDG	293943.82	-951532.62	1A	117		78	76	71	4226		184L	-3
OL ON FLGPL	293942.60	-951524.77	1A	161		122	120	115	4618		768L	34
OL LT POLE	293946.40	-951528.41	1A	127		88	86	81	4671		270L	-1
OL LT POLE	293951.15	-951531.53	1A	124		85	83	78	4825		261R	-8

22 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ANT ON TWR	294020.56	-951444.62	1A	200		161	159	154	9837		655L	-31

12L BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
POLE	293920.03	-951720.57	1A	83		38	38	37	1930		367R	-48
TREE	293930.10	-951726.99	1A	110		65	65	64	3044		27R	-77
OL ON TRMSN TWR	293938.49	-951745.45	1A	123		78	78	77	4805		547R	-152

30R BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
LT ON HGR	293826.37	-951605.01	1A	74		34	30	28	1484		358R	-30
ANT ON OL HGR	293826.41	-951603.96	1A	85		45	41	39	1548		*425R	-22
VENT ON OL HGR	293823.07	-951603.04	1A	70		30	26	24	1840		238R	-51
FENCE	293814.05	-951601.26	1A	45		5	1	-1	2586		309L	-114
RD(N)	293813.46	-951600.48	1A	55		15	11	9	2677		303L	-108
POLE	293813.89	-951559.65	1A	77		37	33	31	2699		221L	-87
SIGN	293812.75	-951600.01	1A	46		6	2	0	2757		326L	-122
POLE	293809.14	-951552.10	1A	73		33	29	27	3512		104L	-132
ROD ON OL DME	293805.45	-951555.41	1A	59		19	15	13	3560		575L	-148
TREE	293808.08	-951549.41	1A	78		38	34	32	3758		17L	-140
POLE	293802.97	-951551.41	1A	71		31	27	25	3989		511L	-158
POLE	293803.13	-951545.82	1A	74		34	30	28	4333		157L	-172
TREE	293755.94	-951546.31	1A	83		43	39	37	4806		710L	-187
TREE	293755.96	-951542.33	1A	96		56	52	50	5057		465L	-186

12R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
RD(N)	293813.46	-951600.48	1A	55		10	9	9	-7778	-6745	498L	14
FENCE	293814.05	-951601.26	1A	45		0	-1	-1	-7687	-6654	492L	4
OL ON LTD WSK	293819.79	-951611.99	1A	47		2	1	1	-6603	-5569	253L	6
ROD ON OL GS	293814.98	-951618.88	1A	85		40	39	39	-6503	-5469	*520R	44
OL AMOM	293832.68	-951638.60	1A	70		25	24	24	-4009	-2975	440R	28
ROD ON OL TWR	293833.02	-951640.76	1A	64		19	18	18	-3848	-2815	*548R	22
ROD ON OL GS	293846.85	-951654.75	1A	93		48	47	47	-1989	-956	400R	48
POLE	293901.10	-951712.64	1A	83		38	37	37	146	1180	459R	39
POLE	293902.13	-951714.56	1A	82		37	36	36	340	1374	502R	35
ANT ON BLDG	293909.07	-951710.15	1A	69		24	23	23	546	1580	273L	18
LOC	293907.15	-951712.36	1A	50		5	4	4	553	1586	2R	-2
POLE	293903.96	-951717.68	1A	81		36	35	35	667	1700	560R	27
TREE	293909.60	-951722.86	1A	89		44	43	43	1391	2425	466R	20
POLE	293920.03	-951720.57	1A	83		38	37	37	1977	3011	432L	3
TREE	293918.34	-951728.59	1A	97		52	51	51	2368	3402	182R	9
TREE	293922.07	-951727.36	1A	104		59	58	58	2552	3585	165L	13
TREE	293916.12	-951734.61	1A	118		73	72	72	2595	3628	711R	26
POLE	293922.34	-951729.86	1A	110		65	64	64	2729	3763	31L	14
TREE	293930.10	-951726.99	1A	110		65	64	64	3091	4125	772L	8
OL ON TRMSN TWR	293938.49	-951745.45	1A	123		78	77	77	4852	5886	251L	-14

30L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
POLE	293901.10	-951712.64	1A	83		42	40	37	-7749	-7549	459L	39
ROD ON OL GS	293846.85	-951654.75	1A	93		52	50	47	-5613	-5413	400L	48
ROD ON OL TWR	293833.02	-951640.76	1A	64		23	21	18	-3754	-3554	*548L	22
OL AMOM	293832.68	-951638.60	1A	70		29	27	24	-3593	-3393	440L	28
ROD ON OL GS	293814.98	-951618.88	1A	85		44	42	39	-1100	-900	*520L	44
OL ON LTD WSK	293819.79	-951611.99	1A	47		6	4	1	-999	-799	253R	6
FENCE	293814.05	-951601.26	1A	45		4	2	-1	85	285	492R	4
RD(N)	293813.46	-951600.48	1A	55		14	12	9	176	376	498R	14
SIGN	293812.75	-951600.01	1A	46		5	3	0	256	456	475R	3
RD(N)	293803.73	-951605.90	1A	55		14	12	9	514	714	542L	8
LOC	293804.26	-951557.68	1A	47		6	4	1	999	1199	0R	-11

30L PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL DME	293805.45	-951555.41	1A	59		18	16	13	1059	1259	226R	1
POLE	293802.97	-951551.41	1A	71		30	28	25	1488	1688	290R	4
POLE	293803.13	-951545.82	1A	74		33	31	28	1832	2032	644R	0
TREE	293753.98	-951552.65	1A	77		36	34	31	2040	2240	440L	-1
TREE	293755.94	-951546.31	1A	83		42	40	37	2305	2505	91R	-1
TREE	293755.96	-951542.33	1A	96		55	53	50	2556	2756	336R	8
TREE	293749.52	-951527.31	1A	115		74	72	69	3962	4162	789R	-2

17 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	293829.44	-951701.16	1A	51		6	5	5	-3951		249L	6
LT POLE	293919.64	-951701.03	1A	77		32	31	31	1119		354L	5
LT POLE	293922.51	-951704.71	1A	75		30	29	29	1415		34L	-5

35 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	293829.44	-951701.16	1A	51		8	5	5	-2049		249R	6
ANT ON OL BLDG	293803.04	-951659.87	1A	72		29	26	26	620		313R	17
POLE	293758.13	-951707.76	1A	76		33	30	30	1103		*393L	7
RADAR RFLTR	293757.15	-951700.36	1A	77		34	31	31	1214		259R	4
TREE	293753.90	-951700.26	1A	116		73	70	70	1542		261R	34

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ROD ON OL TWR	293833.02	-951640.76	1A	64		18		16022	1097	15
OL ON LTD WSK	293846.66	-951657.88	1A	73		27		28006	1266	13
VOR/DME	293900.85	-951644.25	1A	71		25		35446	1753	-3
ANT ON OL ATCT	293824.32	-951639.75	1A	134		88		16432	1974	4

ARP	HCT	(CONTINUED)									
OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR	
ANT ON OL HGR	293845.55	-951710.80	1A	106		60		27030	2374	15	
OL ON BLDG	293849.27	-951710.35	1A	130		84		27934	2397	45	
OL ON HGR	293852.86	-951711.06	1A	94		48		28706	2569	1	
ANT ON OL HGR	293830.53	-951710.06	1A	94		48		23549	2647	8	
ANT ON OL ATCT (UNC)	293843.10	-951716.84	1A	191		145		26442	2898	22	
OL ON HGR	293827.00	-951713.36	1A	94		48		23245	3080	4	
TREE	293901.63	-951716.39	1A	84		38		29809	3395	18	
ANT ON LT POLE	293915.90	-951659.07	1A	86		40		33323	3533	-2	
ANT ON OL RTR TWR	293810.09	-951657.64	1A	103		57		19508	3583	21	
POLE	293822.20	-951716.89	1A	83		37		22857	3613	11	
ROD ON OL GS	293814.98	-951618.88	1A	85		39		13755	3635	41	
POLE	293819.92	-951717.99	1A	77		31		22703	3830	18	
OL ON HGR	293903.08	-951605.96	1A	98		52		5459	3896	-1	
ANT ON OL HGR	293826.41	-951603.96	1A	85		39		11132	3933	-27	
ROD ON OL RTR TWR	293809.60	-951621.91	1A	112		66		14551	3940	-14	
TREE	293802.07	-951658.05	1A	86		40		19200	4365	7	
TREE	293816.13	-951723.00	1A	76		30		22644	4415	10	
POLE	293803.03	-951709.04	1A	82		36		20353	4647	1	
TREE	293806.29	-951612.68	1A	102		56		13910	4666	22	
TREE	293757.05	-951655.69	1A	105		59		18754	4804	-6	
OL ON HOPPER	293911.56	-951558.42	1A	103		57		5019	4921	20	
POLE	293813.89	-951559.65	1A	77		31		12253	4926	24	
ANT ON LT POLE	293814.59	-951729.25	1A	109		63		22919	4947	3	
POLE	293758.13	-951707.76	1A	76		30		20005	5041	6	
TREE	293801.90	-951607.61	1A	101		55		13806	5289	20	
OL ON BLDG	293914.78	-951549.96	1A	95		49		5158	5720	-31	
POLE	293809.14	-951552.10	1A	73		27		12239	5746	5	
ROD ON OL DME	293805.45	-951555.41	1A	59		13		12722	5758	-137	
ANT ON OL BLDG	293931.40	-951607.21	1A	132		86		2921	5827	3	
TREE	293757.38	-951601.84	1A	89		43		13653	5962	12	
TREE	293808.08	-951549.41	1A	78		32		12206	6001	-3	
OL ON BLDG	293920.20	-951548.07	1A	103		57		4835	6172	15	
POLE	293802.97	-951551.41	1A	71		25		12655	6189	-125	
POLE	293803.13	-951545.82	1A	74		28		12357	6557	-122	
TREE	293755.94	-951546.31	1A	83		37		12850	7001	-113	
TREE	293755.96	-951542.33	1A	96		50		12655	7258	-100	
OL ON TRMSN TWR	293938.49	-951745.45	1A	123		77		31112	7763	-73	

 ARP HCT (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ANT ON TWR	294020.56	-951444.62	1A	200		154		4232	14390	4
ANT ON OL TWR	293954.56	-951419.18	1A	203		157		5610	14657	-1

ADDITIONAL INFORMATION:

SECOND ATCT (UNC) LOCATED NORTHWEST OF THE OPERATING ATCT HAS A FLOOR ELEVATION OF 169.0 FEET. THE VOR/DME (HUB) IS SCHEDULED TO BE RELOCATED BY THE SPRING OF 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.