

AERONAUTICAL DATA SHEET  
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 03/20/2002

PROJECT NUMBER: 197  
 ARPT IDENTIFIER: EFD  
 ARPT NAME: ELLINGTON FIELD  
 CITY: HOUSTON  
 STATE: TEXAS  
 ARPT ELEVATION: 32.4  
 AIRPORT REFERENCE POINT

DISTANCE FROM RWY END: 17L+760  
 LATITUDE: 293626.4  
 LONGITUDE: -950931.5

SITE NUMBER: 24067.3A  
 SURVEY DATE: 03/06/2001  
 HORIZONTAL DATUM: NAD83  
 VERTICAL DATUM: NAVD88  
 ATCT FLOOR ELEV: 82.0  
 DECLINATION: 4.3E

RUNWAY INFORMATION

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RUNWAY: 4/22      LENGTH: 8001      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	293553.4285	-950946.7579	26.1	435048	30.4				
22	293650.5430	-950843.9703	30.3	2235119	30.6				

PROFILE DATA

DISTANCES FROM APPROACH END 4

DISTANCES FROM APPROACH END 22

DISTANCE	ELEV
0	26.1
1112	26.3
2121	30.4
8001	30.3

DISTANCE	ELEV
0	30.3
5879	30.4
6889	26.3
8001	26.1

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RUNWAY: 17L/35R      LENGTH: 4609      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
17L	293706.4882	-950922.3535	31.2	1785037	32.4				
35R	293620.8725	-950921.2999	30.0	3585038	32.0				

DISTANCES FROM APPROACH END 17L

DISTANCE	ELEV
0	31.2
760	32.4
4609	30.0

DISTANCES FROM APPROACH END 35R

DISTANCE	ELEV
0	30.0
3849	32.4
4609	31.2

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RUNWAY: 17R/35L LENGTH: 9001 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA  
GEODETIC

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)
17R	293706.0001	-950951.8164	31.4	1785023
35L	293536.9186	-950949.7519	27.3	3585024

DISPLACED THRESHOLD DATA

TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
31.4				
27.3				

PROFILE DATA

DISTANCES FROM APPROACH END 17R

DISTANCE	ELEV
0	31.4
5668	25.9
9001	27.3

DISTANCES FROM APPROACH END 35L

DISTANCE	ELEV
0	27.3
3333	25.9
9001	31.4

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SURVEY DATE: 03/06/2001  
HORIZONTAL DATUM: NAD83  
VERTICAL DATUM: NAVD88

NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ARSR (ZHUC)	293657.5980	-951023.4265	40.0		
GS (17R)	293656.2182	-950945.9273	29.7		
GS (17R) PP	293656.1181	-950951.5873	30.6	500L	998
GS (22)	293640.2954	-950848.9572	27.3		
GS (22) PP	293643.0373	-950852.2231	30.2	400L	1051
GS (35L)	293547.3669	-950944.8949	24.2		
GS (35L) PP	293547.2767	-950949.9919	26.2	450R	1047
LOC (17R)	293521.5772	-950949.3965	25.3		1550
LOC (22)	293541.0884	-951000.3193	25.6		1728
LOC (35L)	293719.3561	-950952.1254	32.2		1349
MM (22)	293710.2791	-950822.2650			2765
MM (35L)	293457.4871	-950948.7694			3984
NDB (JPA)	294006.4289	-950411.4477			
OM (22)	294027.9296	-950443.7482			30522
TACAN (EFD)	293621.4506	-950934.7529	30.0		
VOR/DME(HOU) (NCM)	293920.2474	-951635.9399	82.0		
VOR/DME(HUB)	293900.8526	-951644.2528	50.0		

VISUAL	LATITUDE	LONGITUDE
ALS (17R)		
ALS (22)		
ALS (35L)		
APBN	293539.8790	-950935.6139
PAPI (4)		
PAPI (17R)		
PAPI (22)		
PAPI (35L)		

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## OBSTRUCTION INFORMATION

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OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	293648.14	-950850.15	1A	36		10	6	4	-7448		225L	6
ROD ON OL GS	293640.30	-950848.96	1A	75		49	45	43	-6949		400R	45
A-GEAR	293641.19	-950857.19	1A	33		7	3	1	-6511		187L	3
A-GEAR	293638.66	-950854.21	1A	33		7	3	1	-6509		180R	3
A-GEAR	293603.29	-950933.06	1A	31		5	1	-1	-1556		182R	3
A-GEAR	293605.78	-950936.06	1A	31		5	1	-1	-1555		183L	3
ROD ON OL TMOM	293601.02	-950944.58	1A	43		17	13	11	-686		393L	17
A-GEAR	293555.23	-950948.08	1A	29		3	-1	-3	-50		210L	3
A-GEAR	293555.16	-950952.27	1A	29		3	-1	-3	211		472L	3
OL ON LTD WSK	293549.55	-950947.48	1A	34		8	4	2	326		225R	5
OL ON GS	293547.37	-950944.89	1A	68		42	38	36	328		*543R	39
OL ON LTD WSK	293541.81	-950952.40	1A	33		7	3	1	1192		454R	-22
ANT ON BLDG	293543.80	-951001.49	1A	39		13	9	7	1602		265L	-29
OL ON LOC	293541.09	-951000.32	1A	34		8	4	2	1728		0R	-37
VENT ON BLDG	293542.00	-951004.28	1A	55		29	25	23	1904		316L	-21
ANT ON BLDG	293543.27	-951007.32	1A	83		57	53	51	1997		598L	4
POLE	293531.99	-950959.09	1A	65		39	35	33	2316		715R	-24

22 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
A-GEAR	293555.23	-950948.08	1A	29		-1	-2	-3	-7950		210R	3
ROD ON OL TMOM	293601.02	-950944.58	1A	43		13	12	11	-7315		393R	17
A-GEAR	293605.78	-950936.06	1A	31		1	0	-1	-6446		183R	3
A-GEAR	293603.29	-950933.06	1A	31		1	0	-1	-6445		182L	3
A-GEAR	293638.66	-950854.21	1A	33		3	2	1	-1492		180L	3
A-GEAR	293641.19	-950857.19	1A	33		3	2	1	-1489		187R	3
ROD ON OL GS	293640.30	-950848.96	1A	75		45	44	43	-1051		400L	45

22 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	293648.14	-950850.15	1A	36		6	5	4	-553		225R	6
ANT ON BLDG	293700.44	-950839.38	1A	38		8	7	6	1002		401R	-8
BUSH	293656.42	-950828.62	1A	39		9	8	7	1367		566L	-15
TREE	293704.19	-950837.45	1A	48		18	17	16	1393		540R	-6
TREE	293703.51	-950836.60	1A	43		13	12	11	1395		439R	-11
TREE	293658.57	-950823.25	1A	61		31	30	29	1852		*757L	-2
TREE	293708.23	-950818.24	1A	71		41	40	39	2862		400L	-13
TREE	293708.46	-950816.54	1A	80		50	49	48	2983		492L	-6
TREE	293713.39	-950820.96	1A	80		50	49	48	3072		135R	-8
OL STK	293757.60	-950716.20	1A	139		109	108	107	10253		892L	-92

17L AV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
PIPE	293708.11	-950921.49	1A	35		4	3	3	162		79L	4
TREE	293722.29	-950923.08	1A	80		49	48	48	1597		32R	-21

35R AV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
PIPE	293708.11	-950921.49	1A	35		5	3	3	-4771		79R	4

17R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	293541.81	-950952.40	1A	33		2	2	1	-8502		223R	6
OL ON GS	293547.37	-950944.89	1A	68		37	37	36	-7954		450L	42
OL ON LTD WSK	293549.55	-950947.48	1A	34		3	3	2	-7729		227L	8
A-GEAR	293555.23	-950948.08	1A	29		-2	-2	-3	-7154		185L	3
A-GEAR	293555.16	-950952.27	1A	29		-2	-2	-3	-7154		185R	3
ROD ON OL TMOM	293601.02	-950944.58	1A	43		12	12	11	-6576		*506L	17

17R PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL TMOM	293648.07	-950945.70	1A	49		18	18	17	-1821		*503L	20
A-GEAR	293651.24	-950949.38	1A	33		2	2	1	-1495		185L	4
A-GEAR	293651.18	-950953.57	1A	34		3	3	2	-1494		185R	5
ROD ON OL GS	293656.22	-950945.93	1A	93		62	62	61	-998		500L	63
OL ON LTD WSK	293700.97	-950954.23	1A	39		8	8	7	-504		224R	9
TREE	293717.20	-950944.38	1A	68		37	37	36	1118		*679L	18
ANT ON BLDG	293719.27	-950954.45	1A	45		14	14	13	1345		205R	-9
LOC	293719.36	-950952.13	1A	40		9	9	8	1349		0R	-15
VENT ON BLDG	293720.69	-950946.76	1A	59		28	28	27	1474		476L	3
TREE	293721.56	-950947.70	1A	57		26	26	25	1564		395L	-1
TREE	293721.47	-950959.32	1A	62		31	31	30	1576		630R	3
TREE	293721.97	-950944.47	1A	74		43	43	42	1600		681L	15
TREE	293721.93	-950954.88	1A	55		24	24	23	1614		238R	-5
TREE	293723.36	-950959.91	1A	66		35	35	34	1768		679R	4
POLE	293724.63	-950945.13	1A	64		33	33	32	1869		628L	-1
TREE	293724.52	-950956.64	1A	70		39	39	38	1879		388R	5
TREE	293724.89	-950954.59	1A	65		34	34	33	1912		206R	-1
TREE	293729.59	-950948.54	1A	68		37	37	36	2377		337L	-7
TREE	293736.42	-950950.11	1A	78		47	47	46	3069		212L	-10

35L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	293700.97	-950954.23	1A	39		12	12	7	-8497		224L	9
ROD ON OL GS	293656.22	-950945.93	1A	93		66	66	61	-8002		500R	63
A-GEAR	293651.18	-950953.57	1A	34		7	7	2	-7507		185L	5
A-GEAR	293651.24	-950949.38	1A	33		6	6	1	-7506		185R	4
ROD ON OL TMOM	293648.07	-950945.70	1A	49		22	22	17	-7179		*503R	20
ROD ON OL TMOM	293601.02	-950944.58	1A	43		16	16	11	-2425		*506R	17
A-GEAR	293555.16	-950952.27	1A	29		2	2	-3	-1847		185L	3
A-GEAR	293555.23	-950948.08	1A	29		2	2	-3	-1846		185R	3
OL ON LTD WSK	293549.55	-950947.48	1A	34		7	7	2	-1272		227R	8
OL ON GS	293547.37	-950944.89	1A	68		41	41	36	-1047		450R	42
OL ON LTD WSK	293541.81	-950952.40	1A	33		6	6	1	-498		223L	6
TREE	293530.30	-950945.98	1A	37		10	10	5	675		320R	0

35L PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	293529.97	-950956.25	1A	38		11	11	6	691		*588L	1
TREE	293530.01	-950953.25	1A	36		9	9	4	691		323L	-2
ROD ON BLDG	293521.50	-950951.73	1A	41		14	14	9	1554		206L	-14
POLE	293517.01	-950955.65	1A	58		31	31	26	2000		562L	-5
POLE	293515.35	-950954.05	1A	65		38	38	33	2171		424L	-1

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ROD ON OL TACAN	293621.45	-950934.75	1A	52		20		20534	577	-78
ANT ON OL BLDG	293629.75	-950943.59	1A	44		12		28318	1120	-5
ROD ON OL TMOM	293605.96	-950944.19	1A	44		12		20410	2349	11
ROD ON OL TMOM	293648.07	-950945.70	1A	49		17		32554	2523	19
OL ON LTD WSK	293639.22	-950957.98	1A	47		15		29441	2672	5
ANT ON OL ATCT	293619.66	-951009.02	1A	116		84		25404	3382	-66
APBN	293539.88	-950935.61	1A	93		61		18007	4713	-41
ANT ON OL BLDG	293549.00	-951006.57	1A	85		53		21502	4884	-21
TREE	293715.69	-950919.53	1A	54		22		740	5090	-23
OL ON HOPPER	293716.72	-950940.30	1A	105		73		34700	5143	-2
TREE	293717.20	-950944.38	1A	68		36		34312	5256	12
TREE	293719.35	-950943.73	1A	77		45		34417	5457	13
ROD ON OL ARSR	293657.60	-951023.43	1A	168		136		30013	5563	-15
TREE	293529.97	-950956.25	1A	38		6		19640	6105	-1
TREE	293656.40	-950825.59	1A	56		24		5810	6560	-9
TREE	293658.57	-950823.25	1A	61		29		5721	6845	-4
POLE	293522.02	-950958.66	1A	74		42		19556	6931	4
CRANE	293729.07	-951003.96	1A	97		65		33121	6949	-6
OL ON TWR	293606.95	-951105.15	1A	206		174		25220	8497	24
ANT ON OL LT	293731.54	-951033.64	1A	171		139		31553	8567	-12
ANT ON OL LT	293727.82	-951039.02	1A	172		140		31151	8603	-10
OL ON TK	293521.01	-951048.08	1A	179		147		22122	9452	-4
TWR	293750.97	-951029.19	1A	179		147		32454	9945	-3
SPIRE	293446.11	-950905.59	1A	156		124		16258	10387	-26
ROD ON LTD TWR	293431.81	-950919.26	1A	182		150		17022	11626	-1
OL ON TK	293536.15	-950709.21	1A	183		151		10741	13548	-58

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 ARP HCT (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
OL STK	293757.60	-950716.20	1A	139		107		4802	15084	-47

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## ADDITIONAL INFORMATION:

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THE VOR/DME (HUB) ALSO SERVES WILLIAM P. HOBBY AIRPORT (HOU). THE NDB (JPA) ALSO SERVES LA PORTE MUNICIPAL AIRPORT (T41).

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.