

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
ZORLU (IF)	TRAPS (FB)	173.84 / 7.00	1700	LPV: DA LNAV/VNAV: DA LNAV: RW17R
TRAPS (FAF)	FIJSI/3.50 NM TO RW17R (FB)	173.84 / 1.58		
FIJSI/3.50 NM TO RW17R	RW17R (MAP) (FO)	173.84 / 3.50		CLIMB TO 3100 DIRECT AZTIB AND ON TRACK 125.30 TO WATFO AND HOLD.
RW17R (MAP)	231 MSL	173.84		
231 MSL	AZTIB (FB)			
AZTIB	WATFO (FO)	125.30 / 13.39	3100	ADDITIONAL FLIGHT DATA: HOLD SE, LT, 316.00 INBOUND. CHART FAS OBST: 181 TOWER 293751N/0951029W FAS OBST: 239 AAO 294021N/0951033W DISTANCE TO THLD FROM 200 HATH: 0.46 NM. CHART VDP AT 1.35 MILES TO RW17R* *LNAV ONLY. WAAS CHANNEL # 70625 REFERENCE PATH ID: W17A LTP HAE: -17.6 M

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT ZORLU
3. FAC: 173.84 FAF: TRAPS DIST FAF TO MAP: 5.08 THLD: 5.08
4. MIN. ALT: ZORLU 2000, TRAPS 1700, FIJSI/3.50 NM TO RW17R 1180*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCP: 1700 GS ALT AT: TRAPS 1700 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 51.5 34:1 IS CLEAR
8. MSA FROM: RW17R 3100

MAG VAR: 5E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A			STANDARD @					
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	231	4000	200	231	4000	200	231	4000	200	231	4000	200	231	4000	200
LNAV/VNAV DA	362	4000	331	362	4000	331	362	4000	331	362	4000	331	362	4000	331
LNAV MDA	500	4000	469	500	4000	469	500	6000	469	500	6000	469	500	6000	469
CIRCLING	500	1	468	500	1	468	500	1 1/2	468	600	2	568	660	2 1/4	628

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 43C (109F). @ CAT E 800-2 1/4
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: RADAR REQUIRED.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
 (SEE FORM 8260-10)

CITY AND STATE HOUSTON, TX	ELEVATION: 32 THRE: 31	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17R, AMDT 1 5 APR 2012	SUP:
	AIRPORT NAME: ELLINGTON FIELD			AMDT: ORIG-A
	DATED 11/01/2001			

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NOTES, (CONT.):

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV DA.

CHART NOTE: FOR INOPERATIVE MALSF, INCREASE LNAV/VNAV ALL CATS AND LNAV CATS A AND B VISIBILITY TO RVR 5500 AND CATS C/D/E VISIBILITY TO 1 3/8 MILES.

QUALITY
CHECKED

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				DATED: 11/01/2001

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEFD
RUNWAY	RW17R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	293706.0000N
LTP/FTP LONGITUDE	0950951.8160W
LTP/FTP ELLIPSOIDAL HEIGHT	-00176
FPAP LATITUDE	293536.7000N
FPAP LONGITUDE	0950949.7500W
THRESHOLD CROSSING HEIGHT (TCH)	00051.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER A0B3678E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00096
FPAP ORTHOMETRIC HEIGHT	+00096

QUALITY
1
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