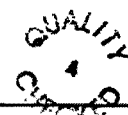


RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. 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	LPV: DA LNAV/VNAV: DA LNAV: RW35L CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3100 DIRECT WATFO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, LT, 316.00 INBOUND. CHART FAS OBST: 187 TOWER 293432N/0950919W DISTANCE TO THLD FROM 200 HATH: 0.46 NM. WAAS CHANNEL # 97629 REFERENCE PATH ID: W35A CHART MANDATORY 2100 AT MARZY. *LNAV ONLY LTP HAE: -18.8 M											
WESIM (IAF)	PAHSU (FB)	073.75 / 10.00	2400												
ZEVAX (IAF)	PAHSU (FB)	273.93 / 10.00	2400												
PAHSU (IF)	MARZY (FB)	353.84 / 7.91	2100												
MARZY (FAF)	HUGAN/1.40 NM TO RW35L (FB)	353.84 / 4.94													
HUGAN/1.40 NM TO RW35L	RW35L (MAP) (FO)	353.84 / 1.40													
RW35L (MAP)	1500 MSL	353.84	1500												
1500 MSL	WATFO (FO)		3100												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT PAHSU 3. FAC: <u>353.84</u> FAF: <u>MARZY</u> DIST FAF TO MAP: <u>6.34</u> THLD: <u>6.34</u> 4. MIN. ALT: <u>PAHSU 2400, MARZY 2100, HUGAN/1.40 NM TO RW35L 520*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCP: <u>2100</u> GS ALT AT: <u>MARZY 2100</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>53.9</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW35L 3100</u>				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	228	4000	200	228	4000	200	228	4000	200	228	4000	200	228	4000	200
LNAV/VNAV DA	499	6000	471	499	6000	471	499	6000	471	499	6000	471	499	6000	471
LNAV MDA	440	4000	412	440	4000	412	440	5000	412	440	5000	412	440	5000	412
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: CIRCLING NA WEST OF RWY 17R-35L. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: RADAR REQUIRED. (SEE FORM 8260-10)															
CITY AND STATE HOUSTON, TX		ELEVATION: 33 THRE: 28 AIRPORT NAME: ELLINGTON FIELD		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35L, AMDT 1 10 JANUARY 2013				SUP: AMDT: ORIG-B DATED 02/09/2012					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

**RNAV - STANDARD
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NOTES, (CONT.):

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: FOR INOPERATIVE MALSF, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 5/8 MILE, AND LNAV

CATS A AND B VISIBILITY TO 1 MILE AND CATS C, D AND E VISIBILITY TO 1 1/8 MILE.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV.



CITY AND STATE

HOUSTON, TX

ELEVATION: 33

THRE: 28

AIRPORT NAME:

ELLINGTON FIELD

**FACILITY
IDENTIFIER:**

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RNAV (GPS) RWY 35L, AMDT 1

10 JANUARY 2013

SUP:

AMDT: ORIG-B

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEFD
RUNWAY	RW35L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	293536.9185N
LTP/FTP LONGITUDE	0950949.7515W
LTP/FTP ELLIPSOIDAL HEIGHT	-00188
FPAP LATITUDE	293706.2200N
FPAP LONGITUDE	0950951.8200W
THRESHOLD CROSSING HEIGHT (TCH)	00053.8
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

AC05CC24

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00083
FPAP ORTHOMETRIC HEIGHT	+00083

CITY AND STATE

HOUSTON, TX

ELEVATION: 33

THRE: 28

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RNAV (GPS) RWY 35L, AMDT 1

10 JANUARY 2013

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[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KEFDK4FR35L	AWESIM	010WESIMK4EA0E	A	IF					18000		A	JS
SUSAP	KEFDK4FR35L	AWESIM	020PAHSUK4EA0EE	B	010TF		07380100	+	02400			A	JS
SUSAP	KEFDK4FR35L	AZEVAX	010ZEVAXK4EA0E	A	IF					18000		A	JS
SUSAP	KEFDK4FR35L	AZEVAX	020PAHSUK4EA0EE	B	010TF		27390100	+	02400			A	JS
SUSAP	KEFDK4FR35L	R	010PAHSUK4EA0E	I	IF			+	02400	18000		A	JS
SUSAP	KEFDK4FR35L	R	020MARZYK4EA1E	F	051TF		35380079		02100		RW35L	K4PGA	JS
SUSAP	KEFDK4FR35L	R	020MARZYK4EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KEFDK4FR35L	R	021HUGANK4EA0E	S	031TF		35380049	V	0052000527		-300		A
SUSAP	KEFDK4FR35L	R	030RW35LK4PG0GY	M	031TF		35380014		00081		-300		A
SUSAP	KEFDK4FR35L	R	040	0	M	CA	3538	+	01500				A
SUSAP	KEFDK4FR35L	R	050WATFOK4EA0EY	R	DF			+	03100				A
SUSAP	KEFDK4FR35L	R	060WATFOK4EA0EE	L	HM		31600090	+	03100				A

[illegible][illegible]Page 4 of 6 Pages

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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SUSAP KEFDK4SRW35LK4PG

0 18018003125

M

CITY AND STATE
HOUSTON, TX

ELEVATION: 33 THRE: 28
AIRPORT NAME:
ELLINGTON FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	WESIM	WESIM	010	IAF	IF		FB					
	WESIM	PAHSU	020		TF		FB	1.0	073.8 (078.8T)	010.0	AA 02400	
	ZEVAX	ZEVAX	010	IAF	IF		FB					
	ZEVAX	PAHSU	020		TF		FB	1.0	273.9 (278.9T)	010.0	AA 02400	
		PAHSU	010	FACF	IF		FB				AA 02400	
		MARZY	020	PAF	TF		FB	0.5	353.8 (358.8T)	007.9	AT 02100	
		HUGAN	021	SDF	TF		FB	0.3	353.8 (358.8T)	004.9	AA 00520 GS 00527	
		RW35L	030	MAP	TF		FO	0.3	353.8 (358.8T)	001.4	AT 00081	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		353.8 (358.8T)		AA 01500	
	WATFO	050		DF	R	FO				AA 03100	
	WATFO	060		HM	L	FO		316.0 (321.0T)	009.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HUGAN	N293412.73	W0950947.80	N2934.212	W09509.797
	MARZY	N292915.74	W0950940.93	N2929.262	W09509.682
	PAHSU	N292120.17	W0950929.92	N2921.336	W09509.499
	WATFO	N292353.91	W0945804.02	N2923.899	W09458.067
	WESIM	N291923.28	W0952043.33	N2919.388	W09520.722
	ZEVAX	N291947.26	W0945811.66	N2919.788	W09458.194
	RW35L	N293536.91	W0950949.75	N2935.615	W09509.829

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35L	00028	54

CITY AND STATE
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