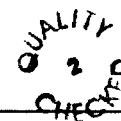


RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. 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	LP: RW15 LNAV: RW15 CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 2000 DIRECT SHYNR AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, LT, 300.00 INBOUND. CHART FAS OBST: 230 TWR 295107N/0954119W CHART FAS OBST: 281 WATER TWR 295103N/0954205W WAAS CHANNEL # 40429 REFERENCE PATH ID: W15A ORENT TO RW15: 3.00/45. LTP HAE: 6.1 M											
YOKUV (IAF)	JOSEY (FB)	069.57 / 10.00	2000												
JOSEY (IF)	ORENT (FB)	149.63 / 7.20	1700												
ORENT (FAF)	ZASGI/2.40 NM TO RW15 (FB)	149.66 / 2.45													
ZASGI/2.40 NM TO RW15	RW15 (MAP) (FO)	149.67 / 2.40													
RW15 (MAP)	600 MSL	149.67	600												
600 MSL	SHYNR (FO)		2000												
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 JOSEY 3. FAC: <u>149.66</u> FAF: <u>ORENT</u> DIST FAF TO MAP: <u>4.85</u> THLD: <u>4.85</u> 4. MIN. ALT: JOSEY 2000, ORENT 1700, ZASGI/2.40 NM TO RW15 900 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 INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: <u>34:1</u> IS NOT CLEAR 8. MSA FROM: RW15 3100				MAG VAR: 5E EPOCH YEAR: 1995											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A X									
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
LP MDA	480	1	369	480	1	369	480	1	369		NA				
LNAV MDA	540	1	429	540	1	429	540	1 1/4	429		NA				
CIRCLING	540	1	429	580	1	469	580	1 1/2	469		NA				
NOTES: CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 33 NA AT NIGHT. CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 15 PROCEDURE NA AT NIGHT. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 111 THRE: 111		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
HOUSTON, TX		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 15, AMDT 1				AMDT:		ORIG			
		WEST HOUSTON				20 SEPTEMBER 2012				DATED		11/01/2001			



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PROFILE NOTE: VGSi AND DESCENT ANGLES NOT COINCIDENT.

CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE GEORGE BUSH
INTERCONTINENTAL/HOUSTON ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, INCREASE LP CAT C
VISIBILITY 1/4 MILE AND LNAV CAT C VISIBILITY 1/8 MILE.

QUALITY
2
CHECKED

CITY AND STATE
HOUSTON, TX

ELEVATION: 111 THRE: 111
AIRPORT NAME:
WEST HOUSTON

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 15, AMDT 1
20 SEPTEMBER 2012

SUP:
AMDT: ORIG
DATED: 11/01/2001

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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	KIWS
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	294923.1670N
LTP/FTP LONGITUDE	0954030.9680W
LTP/FTP ELLIPSOIDAL HEIGHT	+00061
FPAP LATITUDE	294802.4300N
FPAP LONGITUDE	0953947.1700W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1544
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0

CRC REMAINDER

7EBE14AD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00337
FPAP ORTHOMETRIC HEIGHT	+00337

QUALITY
2
CHECKED

CITY AND STATE
HOUSTON, TX

ELEVATION: 111 THRE: 111
AIRPORT NAME:
WEST HOUSTON

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 15, AMDT 1
20 SEPTEMBER 2012

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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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ARINC PACKET - 424-18 - RNAV (GPS)

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEENRT	JOSEY K40	W	N30001817W095462709				E0033	NAR	JOSEY			
	SUSAEENRT	ORENT K40	W	N29534684W095425415				E0033	NAR	ORENT			
	SUSAEENRT	SHYNR K40	C L	N29553829W096022578				E0035	NAR	SHYNR			
	SUSAEENRT	YOKUV K40	W	N29573859W095573321				E0034	NAR	YOKUV			
	SUSAEENRT	ZASGI K40	W	N29513365W095414180				E0033	NAR	ZASGI			

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KIWSK4AIWS	0	039YHN29490550W095402140E0050C00111				1800018000C	MNAR	WEST HOUSTON				

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KIWSK4FR15	AYOKUV	010YOKUVK4EA0E A	IF						18000		A JS	
	SUSAP KIWSK4FR15	AYOKUV	020JOSEYK4EA0EE B	010TF			06960100		+ 02000			A JS	
	SUSAP KIWSK4FR15	R	010JOSEYK4EA0E I	IF					+ 02000	18000		A JS	
	SUSAP KIWSK4FR15	R	020ORENTK4EA1E F	051TF			14960072		+ 01700		RW15 K4PGA	JS	
	SUSAP KIWSK4FR15	R	020ORENTK4EA2WALP		N	ALNAV						JS	
	SUSAP KIWSK4FR15	R	021ZASGIK4EA0E S	031TF			14970025	V	0090000920		-300	A JS	
	SUSAP KIWSK4FR15	R	030RW15 K4PGOGY M	031TF			14970024		00156		-300	A JS	
	SUSAP KIWSK4FR15	R	040	0 M CA			1497		+ 00600			A JS	
	SUSAP KIWSK4FR15	R	050SHYNRK4EA0EY R	DF					+ 02000			A JS	
	SUSAP KIWSK4FR15	R	060SHYNRK4EA0EE L	HM			30000040		+ 02000			A JS	

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KIWSK4GRW15	0039531497	N29492317W095403097+0000				+0006100111000045075R						

	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KIWSK4PR15	RW15 001	0000W15A0N2949231670W09540309680+000610300N2948024300W09539471700106751544000450F4000007EBE14AD										
	SUSAP KIWSK4PR15	RW15 002E	+00337+00337LP			40429							

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KIWSK4SRW15 K4PG		0	18018003125								M	

CITY AND STATE HOUSTON, TX	ELEVATION: 111	THRE: 111	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 15, AMDT 1 20 SEPTEMBER 2012	SUP:
	AIRPORT NAME: WEST HOUSTON				AMDT: ORIG
					DATED: 11/01/2001

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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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	YOKUV	YOKUV	010	IAF	IF		FB					
	YOKUV	JOSEY	020		TF		FB	1.0	069.6(074.6T)	010.0	AA 02000	
		JOSEY	010	FACF	IF		FB				AA 02000	
		ORENT	020	FAF	TF		FB	0.5	149.6(154.6T)	007.2	AA 01700	
		ZASGI	021	SDF	TF		FB	0.3	149.7(154.7T)	002.5	AA 00900	GS 00920
		RW15	030	MAP	TF		FO	0.3	149.7(154.7T)	002.4	AT 00156	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		149.7(154.7T)		AA 00600	
	SHYNR	050		DF	R	FO				AA 02000	
	SHYNR	060		HM	L	FO		300.0(305.0T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JOSEY	N300018.17	W0954627.09	N3000.303	W09546.452
	ORENT	N295346.84	W0954254.15	N2953.781	W09542.903
	SHYNR	N295538.29	W0960225.78	N2955.638	W09602.430
	YOKUV	N295738.59	W0955733.21	N2957.643	W09557.554
	ZASGI	N295133.65	W0954141.80	N2951.561	W09541.697
	RW15	N294923.17	W0954030.97	N2949.386	W09540.516

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW15	00111		45

CITY AND STATE
HOUSTON, TX

ELEVATION: 111 THRE: 111
 AIRPORT NAME:
 WEST HOUSTON

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
 RNAV (GPS) RWY 15, AMDT 1
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