

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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												
TEGOY (IAF)	VAGGE (FB)	359.32 / 5.00	2000	LPV: DA LNAV/VNAV: DA LNAV: RW27 CLIMB TO 2700 DIRECT RUPRE AND VIA 200.44 TRACK TO KEEDS.											
VAGGE (IF)	HEGRE (FB)	269.32 / 6.20	1100												
				ADDITIONAL FLIGHT DATA: HOLD S, RT, 360.00 INBOUND. DO NOT CHART. CHART FAS OBST: 250 T-L TWR 292930N/0952700W CHART FAS OBST: 263 TOWER 293007N/0952448W WAAS CHANNEL # 81903 REFERENCE PATH ID: W27A DISTANCE TO THLD FROM 300 HAT: 0.81 NM											
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT VAGGE 3. FAC: <u>269.26</u> FAF: <u>HEGRE</u> DIST FAF TO MAP: <u>3.08</u> THLD: <u>3.08</u> 4. MIN. ALT: <u>VAGGE 2000, HEGRE 1100</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>1100</u> GS ALT AT: <u>HEGRE</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>45.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW27 3100</u>				MAG VAR: 5E EPOCH YEAR: 2000											
MINIMUMS															
TAKEOFF:	☐ STANDARD	☒ SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: ☐ NA	☒											
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	367	1	300	367	1	300	367	1	300		NA				
LNAV/VNAV DA	604	2	537	604	2	537	604	2	537		NA				
LNAV MDA	560	1	493	560	1	493	560	1 1/4	493		NA				
CIRCLING	620	1	552	620	1	552	620	1 1/2	552		NA				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: RADAR REQUIRED CONTINUED ON PAGE 2															
CITY AND STATE		ELEVATION: 68 TDZE: 67		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
HOUSTON, TX		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 27, AMDT 1				AMDT: ORIG					
		HOUSTON-SOUTHWEST				MAY 10 2007				DATED 11/01/2001					

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NOTES CONT.

CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED USE WILLIAM P HOBBY

ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 40 FEET, AND LPV, LNAV CAT C VISIBILITY 1/4 MILE.

CHART NOTE: BARO-VNAV NA WHEN USING WILLIAM P HOBBY ALTIMETER SETTING.

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KAXH
RUNWAY RW27
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W27A
REFERENCE PATH IDENTIFIER (APPROACH ID) 293020.2555N
LTP/FTP LATITUDE 0952808.6490W
LTP/FTP LONGITUDE -00072
LTP/FTP ELLIPSOIDAL HEIGHT 293026.8400N
FPAP LATITUDE 0952950.4800W
FPAP LONGITUDE 00045.0
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 1224
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 50.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

03C2A979

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4
LTP ORTHOMETRIC HEIGHT +00200
FPAP ORTHOMETRIC HEIGHT +00200

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[illegible]

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SUSAP KAXHK4SRW27 K4PG

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HOUSTON, TX

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	TEGOY	TEGOY	010	IAF	IF		FB				
	TEGOY	VAGGE	020		TF		FB	1.0	359.3 (004T)	005.0	02000
		VAGGE	010	FACF	IF		FB				02000
		HEGRE	020	FAF	TF		FB	0.5	269.3 (274T)	006.2	01100
		RW27	030	MAP	TF		FO	0.3	269.3 (274T)	003.1	00111

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	RUPRE	040		DF		FB	1.0			
	KEEDS	050		TF		FO	1.0	200.4 (205T)		
	KEEDS	060		HM	R	FO	2.0	360.0 (005T)	005.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HEGRE	N293006.56	W0952437.58	N2930.109	W09524.626
	KEEDS	N292159.49	W0953648.98	N2921.992	W09536.816
	RUPRE	N293035.73	W0953208.67	N2930.596	W09532.145
	TEGOY	N292438.77	W0951758.22	N2924.646	W09517.970
	VAGGE	N292938.67	W0951732.35	N2929.645	W09517.539
	RW27	N293020.26	W0952808.65	N2930.338	W09528.144

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW27	00066		45

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