

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> SOUTH TEXAS RGNL AT HONDO		<u>AIRPORT ID</u> KHDO	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17L	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> HONDO	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 930	<u>TDZE</u> 929	<u>SUPERSEDED</u> RNAV (GPS) RWY 17L	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 01/13/2011	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 1980
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-11.

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
SAT VORTAC		HIXUV		TF	FB	1.00	253.84	32.58	4100
HIXUV	IAF	JENDE	NOPT	TF	FB	1.00	253.53	5.00	3700
CSI VORTAC	IAF	JENDE	NOPT	TF	FB	1.00	166.27	22.22	3700
JENDE	IF/IAF	ORUNY		TF	FB	1.00	171.97	6.07	2600
ORUNY	FAF	CULRA/3.00 NM TO RW17L		TF	FB	0.30	171.97	2.03	
CULRA/3.00 NM TO RW17L		RW17L	MAP	TF	FO	0.30	171.97	3.00	
RW17L	MAP	1179 MSL		CA			171.97		
1179 MSL		MUNJO		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW17L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT MUNJO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
4
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD N JENDE, RT, 171.97 INBOUND, 3700 FT. IN LIEU OF PT (IAF), MAX 14000.

3. FAC: 171.97 FAF: ORUNY DIST FAF TO MAP: 5.03 DIST FAF TO THLD: 5.03

4. MIN ALT: JENDE 3700, ORUNY 2600, CULRA/3.00 NM TO RW17L 1920*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.64 GS ANT: MM: IM:

6. MIN GP INCPT: 2600 GP ALT AT FAF : ORUNY 2600 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 45.0

8. MSA FROM: RW17L 4100

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CASTROVILLE ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 47°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CASTROVILLE ALTIMETER SETTING AND INCREASE ALL DA 62 FEET AND ALL MDA 80 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 SM, LNAV AND CIRCLING CATS C/D VISIBILITY 1/4 SM. 
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CSI VORTAC ON V161 NORTHWEST BOUND AND FOR ARRIVALS AT SAT VORTAC ON V68 SOUTHEAST BOUND.
CHART NOTE: RWY 17L HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA.
CHART NOTE: CIRCLING TO RWYS 8, 13,17R, 26, 31 AND 35L NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.40 NM TO RW17L*
*LNAV ONLY
WAAS CHANNEL #69619
REFERENCE PATH ID: W17A
CHART FAS OBST: 959 TREE 292148N/0990953W.
HOLD S, RT, 351.97 INBOUND
LTP HAE: 259.4 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1179	1	250	1179	1	250	1179	1	250	1179	1	250			
LNAV/VNAV DA	1314	1 1/4	385	1314	1 1/4	385	1314	1 1/4	385	1314	1 1/4	385			
LNAV MDA	1420	1	491	1420	1	491	1420	1 3/8	491	1420	1 1/2	491			
CIRCLING	1420	1	490	1420	1	490	1580	1 3/4	650	1580	2	650			



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHDO
RUNWAY	RW17L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	292202.7990N
LTP/FTP LONGITUDE	0991019.2730W
LTP/FTP ELLIPSOIDAL HEIGHT	+02594
FPAP LATITUDE	292033.4800N
FPAP LONGITUDE	0991019.2200W
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	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	FC103A90

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02833
FPAP ORTHOMETRIC HEIGHT	+02833

