

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
VOR STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.23**

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 ID</u> HRL	<u>PROCEDURE NAME</u> VOR RWY 18L	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> HARLINGEN	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 36	<u>TDZE</u> 34	<u>SUPERSEDED</u> VOR RWY 17L	<u>DATED</u> 02/25/2021	<u>MAG VAR</u> 5E
<u>FACILITY</u> HRL	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 11 JULY 2024	<u>REQUIRED EFFECTIVE DATE</u> 07/11/2024	<u>EPOCH YEAR</u> 2005
				<u>CANCEL/SUSPEND</u>

**TERMINAL ROUTES**

<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>
HRL VOR/DME		ESAYA/5.40 DME					009.32	5.40	2000
KULKE/11.80 DME	IF	ESAYA/5.40 DME	NOPT				189.32	6.40 (HRL R-009)	1700

**MISSED APPROACH**

**MAP:**

CADLA/0.80 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2100 THEN LEFT TURN DIRECT HRL VOR/DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. **PT R**      **SIDE OF COURSE**      009.32      **OUTBOUND** 1700      **FT WITHIN** 10      **MILES OF** ESAYA/5.40 DME (IAF)
- 2.
3. **FAC:** 189.32      **FAF:** ESAYA/5.40 DME      **DIST FAF TO MAP:**      **DIST FAF TO THLD:** 5.08
4. **MIN ALT:** ESAYA/5.40 DME 1700
8. **MSA FROM:** HRL VOR/DME 180-300 2600, 300-180 1900



**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.  
RADAR REQUIRED FOR PROCEDURE ENTRY AT KULKE.

**NOTES:**

CHART NOTE: VDP NA WHEN USING PORT ISABEL ALTIMETER SETTING.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PORT ISABEL ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND CIRCLING VISIBILITY CATS C AND D 1/4 SM.

**ADDITIONAL FLIGHT DATA:**

HOLD S, LT, 009.32 INBOUND.  
FAS OBST: 230 AAO 261757N/0973757W.  
CHART 524 WINDMILL (48-026545) 261931N/0973846W.  
CHART VDP AT 1.56 DME.  
DISTANCE VDP TO THLD 1.24 NM.  
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.  
ESAYA TO RW18L: 3.00/50.  
CHART CIRCLING ICON.

**MINIMUMS:**

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

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

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
S-18L	480	1	446	480	1	446	480	1 3/8	446	480	1 3/8	446			
CIRCLING	480	1	444	560	1	524	600	1 1/2	564	680	2	644			

**CHANGES - REASONS**

- BASIC INFORMATION PROCEDURE NAME CHANGED FROM VOR RWY 17L TO VOR 18L - RWY RENUMBERED MAGVAR UPDATE
- TERMINAL ROUTES DELETED INITIAL TAKOZ/BRO 37.14 DME TO KULKE/HRL 11.80 DME LEG - SEGMENT UNUSABLE DUE TO BRO VORTAC RESTRICTIONS AND FPT REQUEST
- ADDITIONAL FLIGHT DATA FAS OBSTACLE CHANGED FROM 230 AAO 261746N/0973919W TO AAO 230 FT MSL 261757.00N/0973757.00W - NEW FINAL CONTROLLING OBSTACLE
- MINIMUMS CIRCLING CAT A CMDA/HAA CHANGED FROM 500/464 TO 480/444 - NEW SURVEY AND CONTROLLING OBSTACLE
- MINIMUMS CIRCLING CAT C VISIBILITY CHANGED FROM 1 3/4 SM TO 1 1/2 SM - IAW 8260.3E TABLE 3-3-7
- MINIMUMS CIRCLING CAT C CMDA/HAA CHANGED FROM 600/564 TO 680/644 - NEW SURVEY AND CONTROLLING OBSTACLE
- CHART PLANVIEW NOTE REMOVED "PROCEDURE NA FOR ARRIVALS AT TAKOZ ON V70 NORTHBOUND AND HRL VOR/DME ON V407 SOUTHBOUND" - SEGMENT REMOVED FROM PROCEDURE
- EQUIPMENT REQUIREMENTS NOTES ADDED "RADAR REQUIRED FOR PROCEDURE ENTRY AT KULKE" - PER 8260.19I 8-6-8 AND FPT/ATC REQUEST TO USE IF KULKE AS A RADAR VECTOR INTERMEDIATE FIX
- CHART NOTE ADDED "VDP NA WHEN USING PORT ISABEL ALTIMETER SETTING" - PER 8260.19I 8-6-810
- NOTES ADDED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PORT ISABEL ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND CIRCLING VISIBILITY CATS C AND D 1/4 SM." - UPDATED IAW 8260.3E FOR NEW CIRCLING MINIMA AND PLACED ON -5 PER FPT REQUEST
- MISSED APPROACH MAP CHANGED FROM "CADLA/HRL 0.32 DME" TO "CADLA/HRL 0.80 DME" - MAP FIX CADLA RELOCATED
- ADDITIONAL FLIGHT DATA GPA/TCH CHANGED FROM "ESAYA TO RW17L: 3.00/50" TO "ESAYA TO RW18L: 3.00/50" - RWY RENUMBERED



**AIRPORT ID**  
HRL

**PROCEDURE NAME**  
VOR RWY 18L

**ORIGINAL/AMENDMENT**  
2

**CITY**  
HARLINGEN

**STATE**  
TX

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZHU, HRL ATCT, VALLEY APP CON, AMGR

**FLIGHT CHECKED BY**  
PENDING

*Digitally signed by*  
**ERIC N SUSKI**  
Apr 30, 2024

**OFFICE**

**DATE**

**DEVELOPED BY**  
CHARLES HIRST

*Digitally signed by*  
**CHARLES HIRST**  
Apr 25, 2024

**OFFICE**  
AJV-A431

**DATE**  
01/29/2024

**APPROVED BY**  
ERIC N SUSKI

*Digitally signed by*  
**ERIC N SUSKI**  
Apr 30, 2024

**OFFICE**  
AJV-A431

**DATE**

**TITLE**  
MANAGER

