

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
ILS STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29

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> KHON	<u>PROCEDURE NAME</u> ILS OR LOC RWY 12	<u>ORIGINAL/AMENDMENT</u> 11	<u>CITY</u> HURON	<u>STATE</u> SD		
<u>AIRPORT ELEVATION</u> 1289	<u>TDZE</u> 1289	<u>SUPERSEDED</u> ILS OR LOC RWY 12	<u>ORIGINAL/AMENDMENT</u> 10A	<u>DATED</u> 05/24/2018	<u>MAG VAR</u> 7E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> I-HON	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 21-03.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WEDEM	IAF	CELKU/I-HON 13.48 DME/RADAR	NOPT	TF	FB	1.00	031.08	7.15	3000
HUMSO	IAF	CELKU/I-HON 13.48 DME/RADAR	NOPT	TF	FB	1.00	210.75	7.15	3000
CELKU/I-HON 13.48 DME/RADAR	IF	BEADY LOM/I-HON 6.51 DME					121.07	6.98 (I-HON)	3000

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 5.13 NM AFTER BEADY LOM/I-HON 6.51 DME OR AT 1.37 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 THEN LEFT TURN DIRECT BEADY LOM AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW BEADY LOM, RT, 121.07 INBOUND, 3000 FT. IN LIEU OF PT (FAF/IAF), MAX 6000.
- FAC: 121.07 FAF: BEADY LOM/I-HON 6.51 DME DIST FAF TO MAP: 5.13 DIST FAF TO THLD: 5.13
- MIN ALT: BEADY LOM/I-HON 6.51 DME 3000
- DIST TO THLD FROM OM: 5.13 MM: IM: 150 HAT: GS ANT: 967
- MIN GS INCPT: 3000 GS ALT AT FAF: OM: 2997 MM: IM:
- GP ANGLE: 3.00 34:1: 20:1: TCH: 49.5
- MSA FROM: HO LOM 3400



**EQUIPMENT REQUIREMENTS NOTES:**

RNAV 1-GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY.  
ADF REQUIRED.  
FROM HUMSO AND WEDEM: RNAV-1 GPS REQUIRED.

**NOTES:** ←

CHART NOTE: CIRCLING RWY 18, 36 NA AT NIGHT.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 12 CAT C/D VISIBILITY TO 1 3/8 SM.

**ADDITIONAL FLIGHT DATA:**

CHART CIRCLING ICON  
FAS OBST: 1520 AAO 442558N/0981948W.  
CHART VDP AT 2.75 DME\*  
DISTANCE VDP TO THLD 1.38 NM.  
\*LOC ONLY.

**MINIMUMS:**

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

**ALTERNATE:** NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 800-2 1/4, 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-ILS 12	1489	1/2	200	1489	1/2	200	1489	1/2	200	1489	1/2	200			
S-LOC 12	1780	1/2	491	1780	1/2	491	1780	1	491	1780	1	491			
CIRCLING	1820	1	531	1820	1	531	1920	1 3/4	631	1980	2 1/4	691			



**CHANGES - REASONS**

1. REPLACED PROCEDURE TURN WITH HOLD IN LIEU AT THE FAF - PER FPT/ATC.
2. REMOVED DME ARCS AND ADDED RNAV T TRANSITIONS - PER FPT/ATC.
3. CHANGED MISSED APPROACH FROM "CLIMB TO 3000 THEN LEFT TURN DIRECT HON VORTAC AND HOLD" TO "CLIMB TO 3000 THEN LEFT TURN DIRECT TO BEADY LOM AND HOLD - HON VORTAC BEING DECOMMISSIONED.
4. MOVED SECONDARY ALTIMETER NOTE AND ASSOCIATED VDP NA NOTE TO BACK OF -9 - KHON ON WMSCR.
5. CHANGE LOC MAP FROM 5.14 MILES AFTER BEADY LOM OR AT I-HON 1.37 DME FIX TO 5.13 NM AFTER BEADY LOM OR AT I-HON 1.37 DME - FAF DISTANCE BASED FROM OM ABEAM LAT/LONG TO THLD DISTANCE.
6. REMOVED FEEDER SEGMENT HON VORTAC TO BEADY LOM - HON VORTAC DECOMMISSIONED.
7. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - IAW 8260.19H PARA 8-6-10
8. LINE 5 CHANGED DIST TO THLD FROM OM: FROM 5.14 TO 5.13, DELETED NM 0.47 AND CHANGED GS ANT FROM 968 TO 967 - REVISED CRITERIA, NO NM AND GS ANT AIRNAV DATA.
9. ADDED EQUIPMENT REQUIREMENTS NOTES: ADF REQUIRED, RNAV 1-GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY AND FROM HUMSO AND WEDEM: RNAV-1 GPS REQUIRED - 8260.19H PARA 8-6-8.
10. LINE 6 GS ALT AT DELETED GS INTCP, CHANGED OM FROM 2998 TO 2997 AND DELETED NM 1489 - REVISED CRITERIA AND AIRNAV DATA.
11. CHANGED CHART NOTE: CIRCLING RWY 17, 35 NA AT NIGHT TO CIRCLING RWY 18, 36 NA AT NIGHT - RWY NUMBERING CHANGED.
12. MSA CHANGED FROM 3300 TO 3400 - NEW CONTROLLING OBSTACLE.
13. DELETED PLANVIEW NOTE ADF OR DME REQUIRED - REVISED CRITERIA.
14. CHANGED DISTANCE FROM FAF TO MAP AND THLD FROM 5.14 TO 5.13 ON LINE 3 - TARGETS EVALUATION.
15. CHANGED CHART VDP AT 2.45 DME TO CHART VDP AT 2.75 - NEW TARGETS EVALUATION.
16. CHANGED DISTANCE VDP TO THLD FROM 1.07 NM TO 1.38 NM - NEW TARGETS EVALUATION.
17. FAS OBSTACLE CHANGED FROM 1524 MSL AAO TO 1520 MSL AAO - NEW TARGETS EVALUATION/MAP STUDY.
18. CHANGED ALTERNATE MINIMUMS FROM ILS STANDARD, CAT D 700-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE, LOC STANDARD, CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE TO ILS STANDARD, NA WHEN LOCAL WEATHER NOT AVAILABLE, LOC STANDARD, CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE - REVISED CRITERIA.
19. UPDATED CIRCLING MINIMUMS FOR CAT C FROM MDA/HAA 1820/531 TO 1920/631 AND VISIBILITY FROM 1 1/2 TO 1 3/4 - NEW CIRCLING CRITERIA APPLIED.
20. UPDATED S-LOC 12 MINIMUMS FROM MDA/HAA 1680/391 TO 1780/491, CAT C VISIBILITY FROM 1/2 TO 1 SM, AND CAT D VISIBILITY FROM 3/4 TO 1 SM - NEW TARGETS EVALUATION.
21. ADDED RADAR TO CELKU AND CHANGED DME DISTANCE FROM 13.49 TO 13.48 - HON VORTAC BEING DECOMMISSIONED.
22. INCORPORATED P-NOTAM 10A.
23. DELETED ADDITIONAL FLIGHT DATA ENTRIES: HOLD E, RT, 272.00 INBOUND; CHART ALTERNATE MA HOLDING, HOLD NW BEADY LOM, RT, 121.07 INBOUND; CHART HON R-259 AT OPJE, CHART HON R-047 AT OPODY AND CHART TDZE: 1289 - REVISED PROCEDURE DESIGN.
24. ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 12 CAT C/D VISIBILITY TO 1 3/8 SM - UPDATED VISIBILITY CALCULATION.
25. CHANGED MSA FROM HO NDB TO HO LOM - HON VORTAC BEING DECOMMISSIONED.
26. REMOVED CHART PROFILE NOTE: USE I-HON DME WHEN ON THE LOCALIZER COURSE - HON VORTAC DECOMMISSIONED.

01/11/21: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/26/20.

1. CHANGED MSA FROM HO NDB TO HO LOM.
2. REMOVED CHART PROFILE NOTE: USE I-HON DME WHEN ON THE LOCALIZER COURSE - HON VORTAC DECOMMISSIONED.

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP, AMGR

**FLIGHT CHECKED BY**  
JOEL PATRICK MURPHY

*Digitally signed by*  
**JON DENTON**  
Jan 12, 2021

**OFFICE**  
FIOG

**DATE**  
10/16/2020

**DEVELOPED BY**  
WARDELL HENNING (LORRI DOWNEY)

*Digitally signed by*  
**JON DENTON**  
Jan 12, 2021

**OFFICE**  
AJV-A432

**DATE**  
01/13/2020

**APPROVED BY**  
GEORGE DAVIS

*Digitally signed by*  
**JON DENTON**  
Jan 12, 2021

**OFFICE**  
AJV-A430

**DATE**

**TITLE**  
MANAGER

