

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</u> SHEBOYGAN COUNTY MEMORIAL	<u>AIRPORT ID</u> KSBM	<u>PROCEDURE NAME</u> ILS OR LOC RWY 22	<u>ORIGINAL/AMENDMENT</u> 6	<u>CITY</u> SHEBOYGAN	<u>STATE</u> WI	
<u>AIRPORT ELEVATION</u> 755	<u>TDZE</u> 743	<u>SUPERSEDED</u> ILS OR LOC/DME RWY 22	<u>ORIGINAL/AMENDMENT</u> 5B	<u>DATED</u> 02/28/2019	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> I-HEV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MAY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
OSH VORTAC		CUVUN/I-HEV 6.96 DME	FAF/IAF				101.04	35.08	3000

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: I-HEV 1.29 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 338 AND OSH VORTAC R-111 TO LEWKO INT/OSH 15.07 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT L SIDE OF COURSE 037.16 OUTBOUND 2600 FT WITHIN 10 MILES OF CUVUN (IAF)  
2.  
3. FAC: 217.16 FAF: CUVUN/I-HEV 6.96 DME DIST FAF TO MAP: DIST FAF TO THLD: 5.67  
4. MIN ALT: CUVUN/I-HEV 6.96 DME 2600  
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1009  
6. MIN GS INCPT: 2600 GS ALT AT FAF : CUVUN/I-HEV 6.96 DME 2600 OM: MM: IM:  
7. GP ANGLE: 3.00 34:1: 20:1: TCH: 50.2  
8. MSA FROM: KSBM 2700

**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.

**NOTES:**



ADDITIONAL FLIGHT DATA:

CHART FAH DME IN PLANVIEW.  
CHART OSH VORTAC 35.08 DME AT CUVUN.  
CHART PROFILE NOTE: USE I-HEV DME WHEN ON THE LOCALIZER COURSE.  
CHART CIRCLING ICON.  
CHART R-6903  
CHART VDP AT 2.56 DME\*  
DISTANCE VDP TO THLD 1.28 NM  
\* LOC ONLY  
FAS OBST: 940 AAO 434949N/0874822W.  
HOLD E, RT, 291.18 INBOUND

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

ALTERNATE: NA ☒

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
S-ILS 22	943	1/2	200	943	1/2	200	943	1/2	200	943	1/2	200			
S-LOC 22	1200	1/2	457	1200	1/2	457	1200	7/8	457	1200	7/8	457			
CIRCLING	1200	1	445	1220	1	465	1240	1 1/2	485	1360	2	605			

CHANGES - REASONS

1. REMOVED FAH VOR/DME FEEDER - FAH VOR/DME CONVERTING TO DME ONLY
2. UPDATED VDP DME DISTANCE AND DISTANCE FROM THLD - LOC MDA INCREASE
3. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - NEW CIRCLING ADDED
4. REMOVED "CHART IN PLANVIEW: (CFBHM) AT 435610.17N/0874123.88W" NOTE - CNF IN PROCEDURE TURN NO LONGER REQUIRED.
5. REMOVED "CHART IN PLANVIEW: USE OF OSH R-101 AND FAH R-036 MAY BE NECESSARY TO IDENTIFY CUVUN INTERSECTION FOR PROCEDURE TURN ENTRY." NOTE - FAH RADIAL NOT AVAILABLE FOR INTERSECTION AT CUVUN; CUVUN NOW IDENTIFIED WITH DME.
6. ADDED "CHART FAH DME IN PLANVIEW" NOTE TO ADDITIONAL FLIGHT DATA - ATC REQUEST.
7. MSA CHANGED FROM FAH VOR/DME TO KSBM ARP - NO SUITABLE NAVAID TO ESTABLISH MSA.
8. ADDED DME REQUIRED TO EQUIPMENT REQUIREMENT NOTES - PROCEDURE NAME CHANGED TO EXCLUDE DME FROM PROCEDURE TITLE AND MOVE DME REQUIREMENT TO EQUIPMENT REQUIREMENT NOTES.
9. FAS OBST UPDATED FROM 900 FT TOWER TO 940 FT AAO - UDPATED FINAL OBSTACLE EVALUATION.
10. ADDED "CHART OSH VORTAC 35.08 DME AT CUVUN" NOTE TO ADDITIONAL FLIGHT DATA - OSH DME USED TO IDENTIFY CUVUN.
11. LOC MDA INCREASED FROM 1120 TO 1200 - UPDATED FINAL OBSTACLE EVALUATION.
12. CIRCLING CAT A/C/D CMDA CHANGED FROM 1220/1220/1320 TO 1200/1240/1360 - NEW CIRCLING ESTABLISHED AND UPDATED OBSTACLE EVALUATION.
13. LOWERED ILS DA/HAT FROM 993/250 TO 943/200 - UPDATED FINAL OBSTACLE EVALUATION.
14. ADDED CHART PROFILE NOTE: USE I-HEV DME WHEN ON THE LOCALIZER COURSE. - IAW 8260.19H 8-2-5 F(3).



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZAU, AMGR, MKE APP CON

FLIGHT CHECKED BY

SHAWN D MAXWELL

*Digitally signed by*

**DAVID DANNER**

Apr 02, 2020

OFFICE

FICO

DATE

3/4/2020

DEVELOPED BY

DAVID DANNER (CHRISTOPHER MCCARTHY)

*Digitally signed by*

**DAVID DANNER**

Apr 02, 2020

OFFICE

AJV-A421

DATE

12/20/2019

APPROVED BY

MARLON ROBINSON

*Digitally signed by*

**DAVID DANNER**

Apr 02, 2020

OFFICE

AJV-A420

DATE

TITLE

MANAGER