

**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> SHEBOYGAN COUNTY MEMORIAL	<u>AIRPORT ID</u> KSBM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> SHEBOYGAN	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 755	<u>TDZE</u> 755	<u>SUPERSEDED</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 03/11/2010	<u>MAG VAR</u> 2W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 FEBRUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1990

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>
FAH VOR/DME		ORMEE		TF	FO	2.00	310.84	11.81	3000
NEROE		CLINS		TF	FB	2.00	240.00	25.54	3000
CLINS	IAF	ORMEE	NOPT	TF	FB	1.00	198.88	11.58	3000
LEWKO	IAF	ORMEE	NOPT	TF	FB	1.00	091.55	7.64	3000
ORMEE	IF/IAF	CONAX		TF	FB	1.00	131.26	6.00	2500
CONAX	FAF	HOSLA/1.79 NM TO RW13		TF	FB	0.30	131.34	3.50	
HOSLA/1.79 NM TO RW13		RW13	MAP	TF	FO	0.30	131.34	1.79	
RW13	MAP	1155 MSL		CA			131.34		
1155 MSL		ORMEE		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: RW13

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 3000 DIRECT ORMEE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- 2. HOLD NW ORMEE, RT, 131.26 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 131.34 **FAF:** CONAX **DIST FAF TO MAP:** 5.29 **DIST FAF TO THLD:** 5.29
- 4. **MIN ALT:** ORMEE 3000, CONAX 2500, HOSLA/1.79 NM TO RW13 1360
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
- 6. **MIN GP INCPT:** **GP ALT AT FAF :** **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:**
- 8. **MSA FROM:** RW13 2700

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
 CHART R-6903
 CHART VDP AT 1.16 NM TO RW13
 CHART FAS OBST: 892 TOWER 434635N/0875233W.

MINIMUMS:

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

ALTERNATE: NA STANDARD

CATEGORY:	A			B			C			D			E		
	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
LNAV MDA	1160	1	405	1160	1	405	1160	1 1/4	405	1160	1 1/4	405			
CIRCLING	1220	1	465	1220	1	465	1220	1 1/2	465	1320	2	565			



CHANGES - REASONS

DELETED CONAX TO RW13: 3.05/40 - FLIGHT INSPECTION RESULTS DO NOT WARRANT A VDA.
 DELETED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE 3.00/TCH 34) - VDA REMOVED.
 ADDED CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES - FLIGHT INSPECTION RESULTS DO NOT WARRANT A VDA.
 ADDED 20:1 IS CLEAR - NO 20:1 PENETRATIONS.
 DELETED NOTE, WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY13-31 PROCEDURE NA AT NIGHT - NO 20:1 PENETRATIONS.
 DELETED CHART AIRPORT ELEVATION: 755 - NOT REQUIRED, CURRENT AIRNAV DATA.
 DELETED CHART TDZ ELEVATION: 755 - NOT REQUIRED, CURRENT AIRNAV DATA.
 UPDATED HELICOPTER NOTE "FROM" VISIBILITY REDUCTION BY HELICOPTERS NA "TO" RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - 34:1 PENETRATIONS, NEW CRITERIA WORDING.
 DELETED ALL BACK UP ALTIMETER NOTES TO INCLUDE NA WHEN LOCAL WEATHER NOT AVAILABLE - CONTINGENCY ALTIMETER INFORMATION LISTED ON THE BACK OF THE 8260-9. KSBM AND KMTW WEATHER SOURCE TRANSMITTED TO WMSCR.
 DELETED NOTE: DME/DME RNP-0.3 NA REPLACED WITH PBN REQUIREMENTS NOTE: RNP APCH.
 ADDED "CHART VDP AT 1.16 NM TO RW13" - NO 20:1 PENETRATIONS.
 DELETED 7:1 1217 TOWER IN ADDITIONAL FLIGHT DATA - NO LONGER A 7:1 OBSTACLE.
 ADDED "MAX 6000" TO H-I-L ON LINE 2 - NEW CHARTING CRITERIA.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAU, AMGR, ATA

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

Digitally signed by **DATE**
DAVID DANNER

DEVELOPED BY

DEANNA M. FIELDS *Digitally signed by*
DEANNA M FIELDS

OFFICE

AJV-5421 Nov 29, 2018 **DATE**
09/17/2018

APPROVED BY

JULIE MORGAN *Digitally signed by* Nov 13, 2018
DAVID DANNER
Nov 29, 2018

OFFICE

AJV-5420

DATE

TITLE
MANAGER

