

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 ID</u> SBM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> 3D	<u>CITY</u> SHEBOYGAN	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 755	<u>TDZE</u> 744	<u>SUPERSEDED</u> RNAV (GPS) RWY 4	<u>DATED</u> 05/21/2020	<u>MAG VAR</u> 2W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 JUNE 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 1990
			<u>CANCEL/SUSPEND</u>	

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 307/30 CW 127/30	NOPT	TORRU	IF/IAF	3000
2. 127/30 CW 307/30		TORRU	IF/IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
TORRU	IF/IAF	JAMEK		TF	FB	1.00	037.04	5.91	2700
JAMEK	FAF	RW04	MAP	TF	FO	0.30	037.09	5.98	
RW04	MAP	994 MSL		CA			037.09		
994 MSL		JADNI		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT JADNI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SW TORRU, RT, 037.04 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 037.09 FAF: JAMEK DIST FAF TO MAP: 5.98 DIST FAF TO THLD: 5.98
4. MIN ALT: TORRU 3000, JAMEK 2700
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.62 GS ANT: IM:
6. MIN GP INCPT: 2700 GP ALT AT PFAF: JAMEK 2700 OM: MM:
7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 52.4
8. MSA FROM:



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: 307/30 CW 320/30 (NOPT) NOT AUTHORIZED WHEN R-6903 ACTIVE.
CHART PLANVIEW NOTE: 217/30 CW 307/30 NOT AUTHORIZED WHEN R-6903 ACTIVE.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 217.27 INBOUND.
CHART FAS OBST: 903 TRANSMISSION LINE (55-027431) 434440N/0875231W.
CHART 1126 TOWER (55-099542) 434125N/0875634W.
CHART R-6903.
CHART VDP AT 1.14 NM TO RW04.
WAAS CHANNEL # 61104
REFERENCE PATH ID: W04A
CHART CIRCLING ICON.
LTP HAE: 191.1 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	994	1	250	994	1	250	994	1	250	994	1	250			
LNAV/VNAV DA	1193	1 3/8	449	1193	1 3/8	449	1193	1 3/8	449	1193	1 3/8	449			
LNAV MDA	1160	1	416	1160	1	416	1160	1 1/8	416	1160	1 1/8	416			
CIRCLING	1200	1	445	1240	1	485	1340	1 1/2	585	1360	2	605			

CHANGES - REASONS

- INCORPORATED CHANGES FROM P-NOTAM FOR AMDT 3A, 3B, AND 3C INTO FORM – IAW 8260.19J PARA 8-3-4.C.3.
- PROFILE LINE 2: ADDED “MAX 6000” – IAW 8260.19J PARA 8-6-7.B.2.
- PROFILE LINE 5: UPDATED HAT INFORMATION FROM “DISTANCE TO THLD FROM 250 HATH: 0.62 NM” TO “DIST TO THLD FROM 250 HAT: 0.62” – IAW 8260.19J PARA 8-6-7.E.3.
- PROFILE LINE 7: ADDED “20:1: IS CLEAR” – IAW 8260.19J PARA 8-6-7.G.3.
- PBN REQUIREMENTS NOTE: UPDATED FROM “RNP APCH” TO “RNP APCH – GPS” – IAW 8260.19J PARA 8-6-8.D.5.A.1.
- UPDATED CHART NOTE FROM “FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C” TO “FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C” – UPDATED HISTORICAL WEATHER TEMPERATURES.
- ADDITIONAL FLIGHT DATA: DELETED “CHART FAS OBST: 901 T-L TWR 434449N/0875231W” AND “CHART FAS OBST: 767 TREE 434548N/0875137W”; ADDED CHART FAS OBST: 903 TRANSMISSION LINE (55-027431) 434440N/0875231W” – NEW FAS OBSTACLE.
- ADDITIONAL FLIGHT DATA: ADDED “CHART 1126 TOWER (55-099542) 434125N/0875634W” – NEW 7:1 EXCLUDED OBSTACLE.
- MINIMUMS: LOWERED LNAV/VNAV VISIBILITY ALL CATS FROM “1 1/2” TO “1 3/8” - VISIBILITIES UPDATED IAW 8260.3F VISIBILITY TABLE 3-1-1.
- MINIMUMS: INCREASED CIRCLING CAT B MDA/HAA FROM “1220/465” TO “1240/485” AND CIRCLING CAT C MDA/HAA FROM “1240/485” TO “1340/585” – NEW CONTROLLING OBSTACLES.
- FAS DATA: UPDATED CRC REMAINDER FROM “65D920EF” TO “AA2E3925” – FPAP LATITUDE/LONGITUDE UPDATED FROM “434700.2600N/0875020.5500W” TO “434700.2650N/0875020.5450W”.



COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZAU, MKE APP CON, AMGR

FLIGHT CHECKED BY

SCOTT WIEBE

Digitally signed by

ROBERT G HAMILTON

Mar 27, 2025

OFFICE

AJF

DATE

03/25/2025

DEVELOPED BY

ROBERT G HAMILTON (JILL M. SUPPES)

Digitally signed by

ROBERT G HAMILTON

Mar 27, 2025

OFFICE

AJV-A433

DATE

01/07/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Mar 27, 2025

OFFICE

AJV-A433

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSBM
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	434547.4135N
LTP/FTP LONGITUDE	0875131.3600W
LTP/FTP ELLIPSOIDAL HEIGHT	+01911
FPAP LATITUDE	434700.2650N
FPAP LONGITUDE	0875020.5450W
THRESHOLD CROSSING HEIGHT (TCH)	00052.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0680
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	AA2E3925

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02267
FPAP ORTHOMETRIC HEIGHT	+02267

