

**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.

AIRPORT ID SBM	PROCEDURE NAME RNAV (GPS) RWY 22	ORIGINAL/AMENDMENT 4A	CITY SHEBOYGAN	STATE WI
AIRPORT ELEVATION 755	TDZE 743	SUPERSEDED RNAV (GPS) RWY 22	DATED 11/05/2020	MAG VAR 2W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 12 JUNE 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 1990
			CANCEL/SUSPEND	

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 127/30 CW 307/30	NOPT	127/12 CW 307/12		3100
2. 127/12 CW 307/12		JADNI	IF/IAF	3000
3. 307/30 CW 127/30		JADNI	IF/IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GAYLE		JADNI		TF	FO	1.00	313.87	39.96	3000
JADNI	IF/IAF	CUVUN		TF	FB	1.00	217.27	5.92	2600
CUVUN	FAF	VUXCY/1.60 NM TO RW22		TF	FB	0.30	217.21	4.07	
VUXCY/1.60 NM TO RW22		RW22	MAP	TF	FO	0.30	217.21	1.60	
RW22	MAP	943 MSL		CA			217.21		
943 MSL		TORRU		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW22

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT TORRU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- | | | | | | |
|---|-----------------------------------|-----------------------|------------------------------|-------------------------------|----------------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD NE JADNI, RT, 217.27 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000. | | | | | |
| 3. FAC: 217.21 | FAF: CUVUN | | DIST FAF TO MAP: 5.67 | DIST FAF TO THLD: 5.67 | |
| 4. MIN ALT: JADNI 3000, CUVUN 2600, VUXCY/1.60 NM TO RW22 1300 | | | | | |
| 5. DIST TO THLD FROM OM: | MM: | IM: | 150 HAT: | 200 HAT: 0.47 | GS ANT: |
| 6. MIN GP INCPT: 2600 | GP ALT AT PFAF: CUVUN 2600 | | | OM: | MM: |
| 7. GP ANGLE: 3.00 | 34:1: IS CLEAR | 20:1: IS CLEAR | TCH: 50.2 | | IM: |
| 8. MSA FROM: | | | | | |

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C.
 CHART PLANVIEW NOTE: 217/30 CW 307/30 (NOPT) AND 217/12 CW 307/12 NOT AUTHORIZED WHEN R-6903 ACTIVE.
 CHART PLANVIEW NOTE: 307/30 CW 350/30 NOT AUTHORIZED WHEN R-6903 ACTIVE.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CATS C AND D VISIBILITY TO 1 1/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 037.04 INBOUND.
 CHART FAS OBST: 899 TREE 434739N/0875036W.
 CHART R-6903.
 WAAS CHANNEL # 65904
 REFERENCE PATH ID: W22A
 LTP HAE: 190.7 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									
LPV DA	943	1/2	200	943	1/2	200	943	1/2	200	943	1/2	200			
LNAV/VNAV DA	1188	7/8	445	1188	7/8	445	1188	7/8	445	1188	7/8	445			
LNAV MDA	1160	1/2	417	1160	1/2	417	1160	3/4	417	1160	3/4	417			
CIRCLING	1200	1	445	1240	1	485	1340	1 1/2	585	1360	2	605			

CHANGES - REASONS

- INCORPORATED CHANGES FROM P-NOTAM 4/4994 INTO FORM – IAW 8260.19J PARA 8-3-4.C.3.
- TAA: UPDATED SECTOR 3 FIX TYPE FROM "IAF" TO "IF/IAF" – PREVIOUSLY DOCUMENTED INCORRECTLY.
- DELETED ASTERISK NEXT TO STEPDOWN FIX ALTITUDE (VUXCY) ON PROFILE LINE 4 AND "LNAV ONLY" CHART NOTE – NO LONGER REQUIRED
- PBN REQUIREMENTS NOTE: UPDATED FROM "RNP APCH" TO "RNP APCH - GPS" - UPDATED IAW 8260.19J PARA 8-6-8.D.5.A.1.
- UPDATED CHART NOTE FROM "...LNAV/VNAV NA BELOW -20°C ..." TO "...LNAV/VNAV NA BELOW -19°C ..." – UPDATED HISTORICAL WEATHER TEMPERATURES.
- UPDATED CHART NOTE FROM "FOR INOPERATIVE ALS, INCREASE LNAV CAT C/D VISIBILITY TO 1 1/8 SM" TO "FOR INOPERATIVE ALS, INCREASE LNAV CATS C AND D VISIBILITY TO 1 1/8 SM" – IAW 8260.19J PARA 8-6-12.0.
- 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 "94EB1A48" TO "2557F29C" – FPAP LATITUDE/LONGITUDE UPDATED FROM "434529.4620N/0875148.7930W" TO "434529.4645N/0875148.7980W".



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

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

01/08/2025

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
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KSBM
RW22
0
0
W22A
434642.3190N
0875037.9950W
+01907
434529.4645N
0875148.7980W
00050.2
F
03.00
106.75
0680
40.0
35.0

CRC REMAINDER

2557F29C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K5
+02264
+02264

