

**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> KEZS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> SHAWANO	<u>STATE</u> WI		
<u>AIRPORT ELEVATION</u> 813	<u>TDZE</u> 811	<u>SUPERSEDED</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 04/02/2015	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 2 DECEMBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 024/30 CW 204/30	NOPT	024/8 CW 204/8		3500
2. 024/8 CW 204/8		ZASRU	IF/IAF	2700
3. 204/30 CW 024/30		ZASRU	IF/IAF	2900

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZASRU	IF/IAF	WIRIX		TF	FB	1.00	114.34	6.90	2200
WIRIX	FAF	GUHMU/1.90 NM TO RW12		TF	FB	0.30	114.45	2.32	
GUHMU/1.90 NM TO RW12		RW12	MAP	TF	FO	0.30	114.45	1.90	
RW12	MAP	1082 MSL		CA			114.45		
1082 MSL		HISAV		DF	FO	1.00			2500

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW12

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 DIRECT HISAV AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. PROFILE LINE 2: ADDED "MAX 6000" - IAW 8260.191 8-6-1 B(2).
2. REMOVED "LNAV ONLY" FROM NOTES SECTION - NO LONGER REQUIRED, IAW 8260.191 8-6-10 M.
3. PROFILE LINE 4: UPDATED FROM "TULHE 2500, SAYXE 2500, JILIN/2.50 NM TO RW26 1480" TO "TULHE 2500, SAYXE 2500, JILIN/2.50 NM TO RW26 1480" - * NO LONGER REQUIRED, IAW 8260.191 8-6-7D.
4. PROFILE LINE 7: ADDED 20:1 "IS NOT CLEAR" - IAW 8260.191 8-6-7 G(3)(A).
5. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" - IAW 8260.191 8-6-8 B(2).
6. NOTES: CHANGED CHART NOTE FROM "VISIBILITY REDUCTION BY HELICOPTERS NA" TO "RWY 12 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - IAW 8260.191 8-6-11 K.
7. NOTES: REMOVED AND MODIFIED CHART NOTES: "BARO-VNAV NA WHEN USING GREEN BAY ALTIMETER SETTING" AND "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREEN BAY ALTIMETER SETTING AND INCREASE ALL DA 77 FEET AND ALL MDA 80 FEET AND INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, AND LNAV AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE" AND MOVED UPDATED NOTES TO -9 - IAW 8260.191 8-7-1 D.
8. NOTES: CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C (4°F) OR ABOVE 39°C (102°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C" - IAW 8260.191 8-6-9 R.
9. NOTES: REMOVED CHART NOTE "DME/DME RNP-0.3 NA" - NO LONGER APPLICABLE.
10. NOTES: CHANGED CHART NOTES FROM "STRAIGHT-IN/CIRCLING RWY 12 PROCEDURE NA AT NIGHT" AND "CIRCLING TO RWY 35 NA AT NIGHT" TO "CHART NOTE: STRAIGHT-IN RWY 12 AND CIRCLING RWY 12, 35 NA AT NIGHT" - IAW 8260.191 8-6-11 O.
11. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "1038 TWR 444809N/0883630W" TO "1038 TOWER (55-022658) 444809N/0883630W" - IAW 8260.191 8-6-10 E.
12. ADDITIONAL FLIGHT DATA: ADDED NOTE "CHART CIRCLING ICON" - ADDED EXPANDED CIRCLING IAW 8260.191 8-6-10 S.
13. MINIMUMS: UPDATED CIRCLING CAT C MDA/HAA FROM "1440/627" TO "1680/867" - UPDATED SURVEY, NEW CONTROLLING OBSTACLE.
14. MINIMUMS: UPDATED CIRCLING CAT D MDA/HAA FROM "1560/747" TO "1680/867" - UPDATED SURVEY, NEW CONTROLLING OBSTACLE.
15. MINIMUMS: UPDATED LNAV/VNAV VISIBILITY FROM "2" TO "1 5/8" - IAW 8260.3D TABLE 3-3-7, UPDATED MINS.
16. MINIMUMS: UPDATED CIRCLING CAT C VISIBILITY FROM "1 3/4" TO "2 1/2" - IAW 8260.3D TABLE 3-3-7; UPDATED MINS.
17. MINIMUMS: UPDATED CIRCLING CAT D VISIBILITY FROM "2 1/2" TO "2 3/4" - IAW 8260.3D TABLE 3-3-7; UPDATED MINS.
18. ALTERNATE MINIMUMS: UPDATED FROM "STANDARD CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD - CAT C 900-2 1/2, CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.191 8-6-11.
19. DATA FIELD: UPDATED FPAP LAT/LONG FROM "444647.6300N/ 0883204.7400W" TO "444647.6280N/0883204.7380W" - FAS DATA UPDATED.
20. DATA FIELD: CRC REMAINDER CHANGED FROM "D470C942" TO "BFF7B4AE" - FPAP CHANGED, FAS DATA UPDATED.
21. CHANGES FROM P-NOTAM FOR ORIGA INCORPORATED INTO FORM - REQUIRED IAW 8260.191 8-3-4 C(3).
22. MOVED BARO-VNAV NA STATEMENT TO -9 - IAW 8260.191 8-6-9 F(3).

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZMP, GRB APP CON, AMGR

Digitally signed by

FLIGHT CHECKED BY

JOHN BORDY

OFFICE

FPO

DATE

09/01/2021

PATRICK MURRAY

Sep 08, 2021

Digitally signed by

DEVELOPED BY

JOHN BORDY

OFFICE

AJV-A422

DATE

06/22/2021

JOHN BORDY (JUDITH TUTTLE)

Sep 08, 2021

APPROVED BY

Digitally signed by

JOHN BORDY

OFFICE

AJV-A420

DATE

TITLE
MANAGER

MARLON ROBINSON

Sep 08, 2021



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEZS
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	444721.7590N
LTP/FTP LONGITUDE	0883400.2960W
LTP/FTP ELLIPSOIDAL HEIGHT	+02110
FPAP LATITUDE	444647.6280N
FPAP LONGITUDE	0883204.7380W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1560
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	BFF7B4AE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02470
FPAP ORTHOMETRIC HEIGHT	+02470

