## 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 3D2	PROCEDURE NAME RNAV (GPS) RWY 32		ORIGINAL/AMENDMENT 1				<u>CITY</u> EPHRAIM		<u>STATE</u> WI	
AIRPORT ELEVATION 763	<u>TDZ</u> 763		<u>SUPERSEDE</u> RNAV (GPS) RW		<u>(</u>		<b>JAMENDMENT</b> DRIG-B	DATED 01/30/2020	MAG VAR 4W	<b>EPOCH YEAR</b> 2000
FACILITY RNAV	COORDINATES OF I		ACTUAL EFFECTIVE DATE 8 SEPTEMBER 2022		ROUTINE CANCEL/S			<u>USPEND</u>		
TERMINAL ROUTES										
FROM	FIX TYPE	<u>T0</u>	FIX TYPE	LEG TYPE	FO/FB	<u>RNP</u>	COURS	<u>E</u>	DISTANCE	ALTITUDE
ZUXIN		AQECY		TF	FB	1.00	010.73		19.63	3000
WARWF		AQECY		TF	FB	1.00	093.66		32.06	3000
MNM DME		AQECY		TF	FB	1.00	127.29		27.10	3000
AQECY	IAF	IDYID		TF	FB	1.00	050.29		6.32	2300
IDYID	IF	UYOXE		TF	FB	1.00	320.37		5.96	2300
UYOXE	FAF	RW32	MAP	TF	FO	0.30	320.30		4.74	
RW32	MAP	1120 MSL		CA			320.30			
1120 MSL		JULRI		DF	FB	1.00				
JULRI		MNM DME		TF	FO	1.00	272.83		16.64	3000

## MISSED APPROACH

MAP:

LNAV: RW32

### MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT JULRI AND ON TRACK 272.83 TO MNM DME AND HOLD.

## ALTERNATE MISSED APPROACH INSTRUCTIONS:

OWALITL 22 CHECKE

AIRPORT ID 3D2	PROCEDURE NAME RNAV (GPS) RWY 32	ORIGINAL/AMENDMEN 1	<u>EPHRAIM</u>	STATE WI	
PROFILE:					
1. PT SIDE OF COURSE	OUTBOUND	FT WITHIN MILES OF	(IAF)		
2. PROFILE STARTS AT IDYID					
<b>3. FAC:</b> 320.30	FAF: UYOXE	DIST FAF TO MAP: 4.74	DIST FAF TO THLD: 4.74		
4. MIN ALT: IDYID 2300, UYOXE	E 2300				
5. DIST TO THLD FROM FAF: 4.74	MM: IM:	150 HAT: GS ANT:			
6. MIN GP INCPT:	GP ALT AT FAF :	OM:	MM:	IM:	
7. GP ANGLE:	<b>34:1:</b> IS NOT CLEAR <b>20:1:</b> IS CL	EAR <b>TCH:</b>			
8. MSA FROM: RW32 2400					

#### PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

#### NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZUXIN ON V420 WESTBOUND. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

#### ADDITIONAL FLIGHT DATA:

HOLD N, RT, 174.00 INBOUND. FAS OBST: 870 AAO 450514N/0870731W. CHART VDP AT 1.08 NM TO RW32. UYOXE TO RW32: 3.00/40.

## MINIMUMS:

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

ALTERNATE: NA

STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:		Α			В			С			D			E	
FINAL TYPE	DA/MDA	<u>VIS</u>	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA
LNAV MDA	1120	1	357	1120	1	357	1120	1	357		NA				

QUALIT, 22 CHECKED

<u>AIRPORT ID</u>	PROCEDURE NAME	ORIGINAL/AMENDMENT	<u>CITY</u>	<u>STATE</u>	
3D2	RNAV (GPS) RWY 32	1	EPHRAIM	WI	

#### **CHANGES - REASONS**

1. INCORPORATED P-NOTAM AMENDMENTS: AMDT ORIG-A/ NOTAM 8/7957, AMDT ORIG-B/ NOTAM 9/7918.

2. AMENDED TDZE FROM 762 TO 763 - UPDATED AIRNAV DATA.

3. AMENDED TERMINAL ROUTES FROM MNM VOR/DME TO MNM DME - MNM VORMON.

4. AMENDED TERMINAL ROUTES ZUXIN TO AQECY RNP VALUES FROM 2.00 TO 1.00, COURSE FROM 013.06 TO 010.73 AND DISTANCE FROM 20.67 TO 19.63 - UPDATED TO CURRENT CRITERIA, AQECY FIX MOVED.

5. AMENDED TERMINAL ROUTES WARWF TO AQECY RNP VALUES FROM 2.00 TO 1.00, COURSE FROM 092.07 TO 093.66 AND DISTANCE FROM 33.02 TO 32.06 - UPDATED TO CURRENT CRITERIA, AQECY FIX MOVED.

6. AMENDED TERMINAL ROUTES MNM DME TO AQECY RNP VALUES FROM 2.00 TO 1.00, COURSE FROM 124.60 TO 127.29 AND DISTANCE FROM 27.42 TO 27.10 - UPDATED TO CURRENT CRITERIA, AQECY FIX MOVED.

7. AMENDED TERMINAL ROUTES A QECY TO IDVID COURSE FROM 050.31 TO 050.29 AND DISTANCE FROM 5.00 TO 6.32 - UPDATED TO CURRENT CRITERIA, A QECY FIX MOVED.

8. AMENDED TERMINAL ROUTE IDVID TO UYOXE RNP FROM 0.50 TO 1.00 - UPDATED TO CURRENT CRITERIA.

9. AMENDED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3000 DIRECT JULRI AND ON TRACK 271.22 TO MNM VOR/DME AND HOLD" TO "CLIMB TO 3000 DIRECT JULRI AND ON TRACK 272.83 TO MNM DME AND HOLD" - MNM VORMON.

10. AMENDED PBN REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19I, 8-6-8.B.

11. REMOVED NOTE "CHART NOTE: USE DOOR COUNTY CHERRYLAND ALTIMETER SETTING; WHEN NOT RECEIVED, USE MENOMINEE ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET" - LOCAL WEATHER AVAILABLE WITH WMSCR.

12. ADDED "(VGSI ANGLE {ANGLE}/TCH {FEET})" TO VGSI NOTE - IAW 8260.19I, 8-6-9.M(1).

13. ADDED "CHART VDP AT 1.08 NM TO RW32" - IAW 8260.19I, 8-6-10.M.

14. AMENDED ADDITIONAL FLIGHT DATA FROM "FAS OBST: 979 AAO 450924N/0871153W" TO "FAS OBST: 870 AAO 450514N/0870731W" - UPDATED OBSTACLE EVALUATION.

15. AMENDED LNAV CAT A MDA/HAT FROM "1260/498" TO "1120/357" - UPDATED OBSTACLE EVALUATION.

16. AMENDED LNAV CAT C VISIBILITY FROM "1 1/4" TO "1" - UPDATED VISCHECK.

17. AMENDED ADDITIONAL FLIGHT DATA UYOXE TO RW32 FROM "3.04/40" TO "3.00/40" -- FIX UYOXE RELOCATED.

18. ADDED "20:1 IS CLEAR" -- IAW 8260.19I, 8-6-7.G(3)(A).

19. CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVAL AT WARWF ON V7-341-450 SOUTHBOUND" TO "PROCEDURE NA FOR ARRIVALS AT ZUXIN ON V420 WESTBOUND" --AIRWAYS REMOVED FROM FIX WARWF; TURN GREATER THAN 90 DEGREES IAW 8260.58B, 1-2-5.A(3).

20. CHANGED DISTANCE FAF TO MAP/THLD FROM "4.68" TO "4.74" -- FIX UYOXE RELOCATED.

21. ADDED "DISTANCE TO THLD FROM FAF: 4.74" -- IAW 8260.19I, 8-6-7.E.

### COORDINATED WITH:

A4A 🗌 ALPA 🗌 AOPA 🗶 APA 🗌	HAI NBAA X OTHER: ZM	IP, GRB APP CON, AMGR		
FLIGHT CHECKED BY SCOTT WIEBE	Digitally signed by JASON KRETSCHMER Jul 08, 2022	OFFICE FPO	<b>DATE</b> 06/28/2022	
DEVELOPED BY JASON KRETSCHMER (CURTIS MALONE)	Digitally signed by JASON KRETSCHMER	OFFICE AJV-A421	<b>DATE</b> 04/04/2022	
APPROVED BY MARLON ROBINSON	Jun 01, 2022 Digitally signed by	OFFICE AJV-A420	DATE	<u>TITLE</u> MANAGER
	JASON KRETSCHMER			
	Jun 01, 2022			