

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> EGV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> EAGLE RIVER	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 1642	<u>TDZE</u> 1642	<u>SUPERSEDED</u> RNAV (GPS) RWY 22	<u>DATED</u> 04/22/2021	<u>MAG VAR</u> 2W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 APRIL 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 1995
			<u>CANCEL/SUSPEND</u>	

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>
IWD VOR/DME		DINER		TF	FB	1.00	118.39	44.00	5000
DINER	IAF	KAVPE		TF	FB	1.00	148.89	9.14	3500
CINOP	IAF	KAVPE		TF	FB	1.00	265.79	8.24	3500
KAVPE	IF	NOLYI		TF	FB	1.00	227.52	6.11	3500
NOLYI	FAF	WEGPO/1.83 NM TO RW22		TF	FB	0.30	227.45	3.89	
WEGPO/1.83 NM TO RW22		RW22	MAP	TF	FO	0.30	227.45	1.83	
RW22	MAP	1966 MSL		CA		1.00	227.45		
1966 MSL		ZODOM		DF	FB	1.00			
ZODOM		RHI VOR/DME		TF	FO	1.00	201.31	16.28	3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW22

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT ZODOM AND ON TRACK 201.31 TO RHI VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
1. PT
2. PROFILE STARTS AT KAVPE
3. FAC: 227.45 FAF: NOLYI DIST FAF TO MAP: 5.72 DIST FAF TO THLD: 5.72
4. MIN ALT: KAVPE 3500, NOLYI 3500, WEGPO/1.83 NM TO RW22 2260
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 324 HAT: 0.90 GS ANT: MM: IM:
6. MIN GP INCPT: 3500 GP ALT AT PFAF: NOLYI 3500
7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 40.0
8. MSA FROM: RW22 4400



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ARV ALTIMETER SETTING.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.
CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 13 AND 31 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ARV ALTIMETER SETTING AND INCREASE LPV DA TO 2013 FEET; INCREASE LNAV/VNAV DA TO 2085 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/4 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM.
CHART PLANVIEW NOTES: PROCEDURE NA FOR ARRIVALS ON IWD VOR/DME AIRWAY RADIALS 059 CW 151.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 021.22 INBOUND.
FAS OBST: 1770 TREE 455621N/0891436W.
CHART VDP AT 1.15 NM TO RW22.
WAAS CHANNEL # 99304
REFERENCE PATH ID: W22A
LTP HAE: 467.4 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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	1966	1	324	1966	1	324	1966	1	324	1966	1	324			
LNAV/VNAV DA	2038	1 1/8	396	2038	1 1/8	396	2038	1 1/8	396	2038	1 1/8	396			
LNAV MDA	2040	1	398	2040	1	398	2040	1 1/8	398	2040	1 1/8	398			
CIRCLING	2120	1	478	2120	1	478	2260	1 3/4	618	2340	2 1/4	698			



CHANGES - REASONS

1. TERMINAL ROUTES: CHANGED CINOP TO KAVPE COURSE FROM "265.80" TO "265.79" – PFAF (NOLYI) MOVED 558 FT NE.
2. TERMINAL ROUTES: CHANGED KAVPE TO NOLYI DISTANCE FROM "6.20" TO "6.11" – PFAF (NOLYI) MOVED 558 FT NE.
3. TERMINAL ROUTES: ADDED NOLYI TO WEGPO/1.83 NM TO RW22, COURSE/DISTANCE 227.45/3.89 – PER FPT DIRECTION.
4. TERMINAL ROUTES: ADDED WEGPO/1.83 NM TO RW22, COURSE/DISTANCE 227.45/1.83 – PER FPT DIRECTION TO RETAIN/LOWER LNAV MDA.
5. TERMINAL ROUTES: CHANGED RW22 MAP FROM "1984 MSL" TO "1966 MSL" - UPDATED OBSTACLE EVALUATION.
6. TERMINAL ROUTES: CHANGED MAP TO ZODOM FROM "1984 MSL" TO "1966 MSL" - UPDATED OBSTACLE EVALUATION.
7. TERMINAL ROUTES: CHANGED FINAL COURSE/DISTANCE FROM 227.44/5.63 TO 227.45/5.72 - PFAF (NOLYI) MOVED 558 FT NE.
8. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 3500 DIRECT ZODOM AND VIA TRACK 201.31 TO RHI VOR/DME AND HOLD" TO "CLIMB TO 3500 DIRECT ZODOM AND ON TRACK 201.31 TO RHI VOR/DME AND HOLD" – UPDATED CRITERIA.
9. PROFILE LINE 3: CHANGED FAC FROM "227.44" TO "227.45" AND DISTANCE FAF TO MAP/THLD FROM "5.63" TO "5.72" – UPDATED PFAF LOCATION, MOVED 558 FEET NE.
10. PROFILE LINE 4: ADDED "WEGPO/1.83 NM TO RW22 2260" – ADDED SDF WEGPO.
11. PROFILE LINE 5: CHANGED "370 HAT: 1.05" TO "324 HAT: 0.90" – LPV HAT CHANGED FROM 370 TO 324.
12. PBN REQUIREMENTS NOTE: CHANGED FROM "RNP APCH" TO RNP APCH – GPS" – IAW 8260.19J, 4-5-3, D(5)(A)(1).
13. NOTES: CHANGED CHART NOTE FROM "BARO-VNAV AND VDP NA WHEN USING MINOCQUA-WOODRUFF ALTIMETER SETTING" TO "BARO-VNAV AND VDP NA WHEN USING ARV ALTIMETER SETTING" – IAW 8260.19J, 8-6-10, E(8).
14. NOTES: CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C OR ABOVE 45C" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C" – IAW 8260.19J, 8-6-10.R.
15. NOTES: ADDED "CIRCLING NA TO RWYS 13 AND 31" – UPDATED OBSTACLE EVALUATION, THIRD-PARTY SURVEY DID NOT FORMALLY INCLUDE RWY 13/31.
16. NOTES: UPDATED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MINOCQUA-WOODRUFF ALTIMETER SETTING AND INCREASE ALL DAS 47 FEET AND ALL MDAS 60 FEET, INCREASE LNAV CAT C VISIBILITY 1/4 SM, CAT D 1/8 SM" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ARV ALTIMETER SETTING AND INCREASE LPV DA TO 2013 FEET; INCREASE LNAV/VNAV DA TO 2085 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/4 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM" – UPDATED EVALUATION.
17. NOTES: DELETED CHART PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS ON IMT VOR/DME AIRWAY RADIALS 262 CW 351" – REMOVED IMT FEEDER FROM PROCEDURE.
18. ADDITIONAL FLIGHT DATA: CHANGED "HOLD SW, RT, 025.29 INBOUND" TO "HOLD S, RT, 021.22 INBOUND" – RE-ALIGNMENT OF SEGMENT.
19. ADDITIONAL FLIGHT DATA: CHANGED FAS OBSTACLE FROM "1751 TREE 455636N/0891501W" TO "1770 TREE 455621.00N/0891436.00W " – NEW OBSTACLE EVALUATION.
20. ADDITIONAL FLIGHT DATA: CHANGED "CHART: VDP AT 1.15 NM TO RW 22" TO "CHART VDP AT 1.15 NM TO RW22" – UPDATED CRITERIA REMOVES "*" (ASTERISK).
21. ADDITIONAL FLIGHT DATA: DELETED "LNAV ONLY" – UPDATED CRITERIA.
22. ADDITIONAL FLIGHT DATA: 7:1 OBSTACLE UPDATED AND MOVED TO PART C - 8260.19J 8-6-11.E(2).
23. ALTERNATE MINIMUMS: ADDED "CAT D 800-2 ¼" – 8260.19J, 8-6-12.B(5).
24. MINIMUMS: LOWERED LPV DA/VIS/HAT FROM "2012/1 1/4/370" TO "1966/1/324" – NEW CONTROLLING OBSTACLE, WITH FPT/OIT CONCURRENCE.
25. MINIMUMS: LOWERED LNAV/VNAV VIS FROM "1 1/2" TO "1 1/8" – IAW 8260.3E.1 TABLE 3-3-1.
26. MINIMUMS: LOWERED LNAV CAT D VIS FROM "1 1/4" TO "1 1/8" – IAW 8260.3E.1 TABLE 3-3-1.
27. FAS DATA: UPDATED FPAP LATITUDE/LONGITUDE FROM "455509.2300N/0891714.2800W" TO "455509.2385N/ 0891714.2825W" – TARGETS DERIVED AFTER PFAF (NOLYI) MOVED 558 FEET NE.
28. FAS DATA: CRC REMAINDER CHANGED FROM "C63BB8C3" TO "FD83E724" - UPDATED FPAP LATITUDE/LONGITUDE FROM "455509.2300N/0891714.2800W" TO "455509.2385N/ 0891714.2825W".

COORDINATED WITH:

A4A

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ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZMP, AMGR

FLIGHT CHECKED BY

MARC WEBBER

Digitally signed by

CASIMIR L TABAKA

Feb 28, 2025

OFFICE

AJF

DATE

02/27/2025

DEVELOPED BY

JOSEPH L. ZEDER (RONALD K. STROBACH)

Digitally signed by

CASIMIR L TABAKA

Feb 28, 2025

OFFICE

AJV-A432

DATE

07/17/2024

APPROVED BY

JOSEPH L. ZEDER

Digitally signed by

CASIMIR L TABAKA

Feb 28, 2025

OFFICE

AJV-A432

DATE

TITLE

MANAGER



AIRPORT ID
EGV

PROCEDURE NAME
RNAV (GPS) RWY 22

ORIGINAL/AMENDMENT
1

CITY
EAGLE RIVER

STATE
WI

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEGV
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	455611.8200N
LTP/FTP LONGITUDE	0891543.4470W
LTP/FTP ELLIPSOIDAL HEIGHT	+04674
FPAP LATITUDE	455509.2385N
FPAP LONGITUDE	0891714.2825W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	FD83E724
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+04991
FPAP ORTHOMETRIC HEIGHT	+04991

