

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</u> EAGLE RIVER UNION | <u>AIRPORT ID</u> KEGV | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 22 | <u>ORIGINAL/AMENDMENT</u> ORIG-B | <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SUPERSEDED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>ORIGINAL/AMENDMENT</u> ORIG-A | <u>DATED</u> 03/02/2017 | <u>MAG VAR</u> 2W |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018 | <u>REQUIRED EFFECTIVE DATE</u> ROUTINE | <u>CANCEL/SUSPEND</u> | <u>EPOCH YEAR</u> 1995 |

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 | 2.00 | 118.39 | 44.00 | 5000 |
| IMT VOR/DME | | CINOP | | TF | FB | 2.00 | 299.84 | 35.52 | 5000 |
| DINER | IAF | KAVPE | | TF | FB | 1.00 | 148.89 | 9.14 | 3500 |
| CINOP | IAF | KAVPE | | TF | FB | 1.00 | 265.80 | 8.24 | 3500 |
| KAVPE | IF | NOLYI | | TF | FB | 1.00 | 227.52 | 6.20 | 3500 |
| NOLYI | FAF | RW22 | MAP | TF | FO | 0.30 | 227.44 | 5.63 | |
| RW22 | MAP | 2012 MSL | | CA | | | 227.44 | | |
| 2012 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 VIA TRACK 201.31 TO RHI VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT KAVPE

3. FAC: 227.44 FAF: NOLYI DIST FAF TO MAP: 5.63 DIST FAF TO THLD: 5.63

4. MIN ALT: KAVPE 3500, NOLYI 3500

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 370 HAT: 1.05 GS ANT: MM: IM:

6. MIN GP INCPT: 3500 GP ALT AT FAF : NOLYI 3500 OM: MM: IM:

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 APPROACH

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MINOCQUA-WOODRUFF ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C OR ABOVE 45C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: 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.
CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTES: PROCEDURE NA FOR ARRIVALS ON IWD VOR/DME AIRWAY RADIALS 059 CW 151. PROCEDURE NA FOR ARRIVALS ON IMT VOR/DME AIRWAY RADIALS 262 CW 351.

ADDITIONAL FLIGHT DATA:

CHART: 1862 TREE 460045N/0891051W
CHART: VDP AT 1.15 NM TO RW 22*
*LNAV ONLY
WAAS CHANNEL #99304
REFERENCE PATH ID: W22A
CHART FAS OBST: 1751 TREE 455636N/0891501W.
HOLD SW, RT, 025.29 INBOUND
LTP HAE: 467.4 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 | 2012 | 1 1/4 | 370 | 2012 | 1 1/4 | 370 | 2012 | 1 1/4 | 370 | 2012 | 1 1/4 | 370 | | | |
| LNAV/VNAV DA | 2038 | 1 1/2 | 396 | 2038 | 1 1/2 | 396 | 2038 | 1 1/2 | 396 | 2038 | 1 1/2 | 396 | | | |
| LNAV MDA | 2040 | 1 | 398 | 2040 | 1 | 398 | 2040 | 1 1/8 | 398 | 2040 | 1 1/4 | 398 | | | |
| CIRCLING | 2120 | 1 | 478 | 2120 | 1 | 478 | 2120 | 1 1/2 | 478 | 2200 | 2 | 558 | | | |



CHANGES - REASONS

- 1. ALL REFERENCES TO IWD VORTAC CHANGED TO IWD VOR/DME - TACR PROJECT
- 2. CHANGED "CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA" TO "CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - CURRENT VERSION PER 8260.19 H CHAPTER 8.
- 3. ADDED RNP APPROACH TO PBN REQUIREMENTS NOTE- 8260.19H CHAPTER 8.
- 4. ADDED CHART NOTE: 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. - 8260.19H CHAPTER 8.
- 5. ADDED CHART VDP AT 1.15 NM TO RW 22* *LNAV ONLY - 8260.19H CHAPTER 8.
- 6. UPDATED LNAV CART C VISIBILITY FROM 1 TO 1 1/8 - APPLIED NEW VISIBILITY CRITERIA

PDF EDIT: CORRECTED MISSED SEGMENT, REMOVED PENETRATION FROM LPV AND VNAV SEGMENTS - KNOWN SIAP ISSUE PER QC.

8/21/2018: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 7/11/2018.

- 1. CHANGED THRE TO TDZE.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZMP, AMGR

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.

DEVELOPED BY

LONNIE EVERHART (LORRI DOWNEY)

APPROVED BY

LONNIE EVERHART

OFFICE

OFFICE

AJV-5400

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DATE

DATE

07/11/2018

DATE

Digitally signed by
ROBERT G HAMILTON
Aug 16, 2018

Digitally signed by
ROBERT G HAMILTON
Aug 16, 2018

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Aug 16, 2018

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

| DATA FIELD | DATA |
|--|---------------|
| 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 | 455509.2300N |
| FPAP LONGITUDE | 0891714.2800W |
| 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 | C63BB8C3 |
| | |
| ADDITIONAL PATH POINT RECORD INFORMATION | |
| ICAO CODE | K5 |
| LTP ORTHOMETRIC HEIGHT | +04991 |
| FPAP ORTHOMETRIC HEIGHT | +04991 |

