

**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><br>KPCZ       | <u>PROCEDURE NAME</u><br>RNAV (GPS) RWY 10 | <u>ORIGINAL/AMENDMENT</u><br>2B               | <u>CITY</u><br>WAUPACA                    | <u>STATE</u><br>WI         |                      |                           |
| <u>AIRPORT ELEVATION</u><br>840 | <u>TDZE</u><br>840                         | <u>SUPERSEDED</u><br>RNAV (GPS) RWY 10        | <u>ORIGINAL/AMENDMENT</u><br>2A           | <u>DATED</u><br>07/16/2020 | <u>MAG VAR</u><br>1W | <u>EPOCH YEAR</u><br>1995 |
| <u>FACILITY</u><br>RNAV         | <u>COORDINATES OF FACILITIES</u>           | <u>ACTUAL EFFECTIVE DATE</u><br>22 APRIL 2021 | <u>REQUIRED EFFECTIVE DATE</u><br>ROUTINE | <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> |
|-----------------------|-----------------|-----------------------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| COMTS                 |                 | BRUNR                 |                 | TF              | FO           | 1.00       | 246.44        | 29.49           | 2800            |
| LIMME                 |                 | BRUNR                 |                 | TF              | FO           | 1.00       | 300.92        | 29.25           | 2800            |
| HAMTN                 |                 | JOMOR                 |                 | TF              | FB           | 1.00       | 005.65        | 28.06           | 2800            |
| JOMOR                 | IAF             | BRUNR                 | NOPT            | TF              | FB           | 1.00       | 004.21        | 12.00           | 2800            |
| RROBB                 | IAF             | BRUNR                 | NOPT            | TF              | FB           | 1.00       | 146.67        | 14.29           | 2800            |
| BRUNR                 | IF/IAF          | CUTTS                 |                 | TF              | FB           | 1.00       | 094.22        | 7.69            | 2700            |
| CUTTS                 | FAF             | GWIZZ/2.10 NM TO RW10 |                 | TF              | FB           | 0.30       | 094.35        | 3.61            |                 |
| GWIZZ/2.10 NM TO RW10 |                 | RW10                  | MAP             | TF              | FO           | 0.30       | 094.35        | 2.10            |                 |
| RW10                  | MAP             | 1090 MSL              |                 | CA              |              |            | 094.35        |                 |                 |
| 1090 MSL              |                 | WWEGA                 |                 | DF              | FO           | 1.00       |               |                 | 2800            |

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW10

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2800 DIRECT WWEGA AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
22  
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD W BRUNR, RT, 094.22 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 094.35FAF: CUTTSDIST FAF TO MAP: 5.71DIST FAF TO THLD: 5.71

4. MIN ALT: BRUNR 2800, CUTTS 2700, GWIZZ/2.10 NM TO RW10 1540\*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.66GS ANT:

6. MIN GP INCPT: 2700GP ALT AT FAF : CUTTS 2700OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM: RW10 2800

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 274.66 INBOUND.  
CHART FAS OBST: 1069 TREE 441947N/0890340W.  
CHART VDP AT 1.56 NM TO RW10\*  
\*LNAV ONLY.  
WAAS CHANNEL # 63120  
REFERENCE PATH ID: W10A  
CHART CIRCLING ICON.  
LTP HAE: 219.7 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   | HAT/HAA | DA/MDA | VIS   | HAT/HAA | DA/MDA | VIS   | HAT/HAA | DA/MDA | VIS | HAT/HAA |
| LPV DA       | 1090   | 3/4   | 250     | 1090   | 3/4   | 250     | 1090   | 3/4   | 250     | 1090   | 3/4   | 250     |        |     |         |
| LNAV/VNAV DA | 1384   | 1 5/8 | 544     | 1384   | 1 5/8 | 544     | 1384   | 1 5/8 | 544     | 1384   | 1 5/8 | 544     |        |     |         |
| LNAV MDA     | 1380   | 1     | 540     | 1380   | 1     | 540     | 1380   | 1 1/2 | 540     | 1380   | 1 1/2 | 540     |        |     |         |
| CIRCLING     | 1380   | 1     | 540     | 1420   | 1     | 580     | 1420   | 1 1/2 | 580     | 1500   | 2     | 660     |        |     |         |



**CHANGES - REASONS**

1. REMOVED CHART NOTE: CIRCLING TO RWY 28 NA AT NIGHT - 20:1 PENETRATION ON RWY 28, 862 TREE (55-029977) VERIFIED DISMANTLED 04/30/2019.
2. ADDED 250 HAT: 0.66 TO PROFILE LINE 5 - IAW 8260.191 8-6-7E(3).
3. LOWERED LPV VISIBILITY ALL CATS FROM 7/8 SM TO 3/4 SM, LNAV/VNAV ALL CATS FROM 1 7/8 SM TO 1 5/8 SM - UPDATED VISIBILITY CHECK IAW 8260.3D TABLES 3-3-1 AND 3-3-6.
4. REMOVED CHART PLANVIEW NOTES: PROCEDURE NA FOR ARRIVALS AT COMTS ON V55 EASTBOUND, PROCEDURE NA FOR ARRIVALS AT LIMME ON V63 SOUTHEAST BOUND, PROCEDURE NA FOR ARRIVALS AT HAMTN ON V177 SOUTHBOUND - ROUTES NO LONGER EXIST.

**COORDINATED WITH:**

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

**FLIGHT CHECKED BY**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

**OFFICE**

**DATE**

**DEVELOPED BY**

DONALD H. LANIER (RICHARD CHRISTENSEN)

*Digitally signed by*

**DONALD H LANIER**

Jan 05, 2021

*Digitally signed by*

**DONALD H LANIER**

Jan 05, 2021

**OFFICE**

AJV-A431

**DATE**

11/17/2020

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*

**DONALD H LANIER**

Jan 05, 2021

**OFFICE**

AJV-A430

**DATE**

**TITLE**  
MANAGER

FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u>                        | <u>DATA</u>   |
|------------------------------------------|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KPCZ          |
| RUNWAY                                   | RW10          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W10A          |
| LTP/FTP LATITUDE                         | 442000.1155N  |
| LTP/FTP LONGITUDE                        | 0890158.4150W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +02197        |
| FPAP LATITUDE                            | 441954.7535N  |
| FPAP LONGITUDE                           | 0885954.5030W |
| 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                            | 1168          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 50.0          |
| CRC REMAINDER                            | C112A7EA      |

ADDITIONAL PATH POINT RECORD INFORMATION

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K5     |
| LTP ORTHOMETRIC HEIGHT  | +02560 |
| FPAP ORTHOMETRIC HEIGHT | +02560 |

