

**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> CENTRAL WISCONSIN	<u>AIRPORT ID</u> KCWA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> MOSINEE	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 1277	<u>TDZE</u> 1277	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 07/23/2015	<u>MAG VAR</u> 0E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 DECEMBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1985

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
EDGRR		DUGTE		TF	FO	1.00	054.04	11.70	3600
CULOG	IAF	DUGTE	NOPT	TF	FB	1.00	122.41	9.74	3600
ENETE	IAF	DUGTE	NOPT	TF	FB	1.00	242.79	7.99	3600
DUGTE	IF/IAF	FASEX		TF	FB	1.00	170.01	6.12	3100
FASEX	FAF	RW17	MAP	TF	FO	0.30	170.02	5.58	
RW17	MAP	1534 MSL		CA			170.02		
1534 MSL		LEERY		DF	FO	1.00			2900

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2900 DIRECT LEERY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- 2. HOLD N DUGTE, RT, 170.01 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 170.02 **FAF:** FASEX **DIST FAF TO MAP:** 5.58 **DIST FAF TO THLD:** 5.58
- 4. **MIN ALT:** DUGTE 3600, FASEX 3100
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **257 HAT:** 0.66 **GS ANT:**
- 6. **MIN GP INCPT:** 3100 **GP ALT AT FAF :** FASEX 3100 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 45.4
- 8. **MSA FROM:** RW17 3600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EDGRR ON V26 WESTBOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
 CHART VDP AT 1.12 NM TO RW17*
 *LNAV ONLY
 WAAS CHANNEL #53321
 REFERENCE PATH ID: W17A
 CHART FAS OBST: 1419 TREE 444721N/0894027W.
 HOLD S, RT, 350.07 INBOUND
 LTP HAE: 354.2 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
LPV DA	1534	1	257	1534	1	257	1534	1	257	1534	1	257			
LNAV/VNAV DA	1601	1 1/8	324	1601	1 1/8	324	1601	1 1/8	324	1601	1 1/8	324			
LNAV MDA	1680	1	403	1680	1	403	1680	1 1/8	403	1680	1 1/8	403			
CIRCLING	1740	1	463	1740	1	463	1740	1 1/2	463	1840	2	563			



CHANGES - REASONS

1. REPLACE NOTE: DME/DME RNP-0.3 NA WITH PBN REQUIREMENTS NOTE: RNP APCH - 8269.19H, 8-6-8
2. ADDED LINE 7, NOTE FROM "20:1 IS CLEAR" - IAW 8260.19H PARA 8-6-7.G.(3).
3. UPDATED CHART NOTE "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - REWORDING IAW 8260.19H PARA 8-6-11K(3).
4. REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CULOG ON V177 NORTHWEST BOUND AND CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ENETE ON V63 NORTHBOUND" - V177 AND V63 BEING CANCELLED.
5. ADDED "CHART CIRCLING ICON" - MATCH PREVIOUSLY FLIGHT CHECKED PROCEDURES: KCWA RNAV (GPS) RWY 8 AND KCWA ILS OR LOC RWY 8.
6. ADDED "CHART VDP: 1.12 NM TO RW17*" TO ADDITIONAL FLIGHT DATA - 20:1 IS CLEAR.
7. REMOVED FAHRENHEIT VALUES FROM UNCOMPENSATED BARO-VNAV NOTE AND AMENDED HIGH TEMP LIMIT FROM 35C TO 54C - FAHRENHEIT NO LONGER REQUIRED. HIGH TEMP RECOMPUTED IAW 8260.58A, 3-3-4A(1)(B).
8. ADDED "MAX 6000" TO HOLD-IN-LIEU ON LINE 2 - PER .19D PARA 8-6-7B (2).
9. AMENDED FEEDER SEGMENT RNP FROM 2.0 TO 1.0 - 8260.58A, TABLE 1-2-1.
10. AMENDED LNAV/VNAV DA/HAT FROM 1600/323 TO 1601/324 - NEW CONTROLLING OBSTACLE IDENTIFIED.
11. REMOVED ALL NOTES REFERENCING BACK-UP ALTIMETER SETTING - LOCAL WEATHER ON WMSCR, NOTES MOVED TO FORM 8260-9 FOR CONTINGENCY USE.
12. INCORPORATED CHANGES FROM AMDT 1A AND AMDT 1B - 8260.19H, PARA 8-3-4C(2).

8/27/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 7/23/19.
8260-3 ADDED ROUTINE TO REQUIRED EFFECTIVE DATE.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZMP, CWA ATCT, AMGR.

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE Digitally signed by **DATE**

DAVID TEFFETELLER

Aug 27, 2019

DEVELOPED BY

KWEKU DONKOR

Digitally signed by

DAVID TEFFETELLER

Aug 27, 2019

OFFICE **DATE**
AJV-A433 07/02/2019

APPROVED BY

GEORGE DAVIS

Digitally signed by
DAVID TEFFETELLER

Aug 27, 2019

OFFICE **DATE** **TITLE**
AJV-A430 **MANAGER**



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCWA
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	444651.7880N
LTP/FTP LONGITUDE	0894031.9490W
LTP/FTP ELLIPSOIDAL HEIGHT	+03542
FPAP LATITUDE	444524.0400N
FPAP LONGITUDE	0894010.3200W
THRESHOLD CROSSING HEIGHT (TCH)	00045.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	548BD06D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03893
FPAP ORTHOMETRIC HEIGHT	+03893

