

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> ATW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> APPLETON	<u>STATE</u> WI		
<u>AIRPORT ELEVATION</u> 918	<u>TDZE</u> 918	<u>SUPERSEDED</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 03/26/2020	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 27 NOVEMBER 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 25-24.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GRB VORTAC		SOMBE		TF	FB	1.00	251.78	23.67	2600
OSH VORTAC		TISIE		TF	FB	1.00	328.37	20.01	2600
TISIE	IAF	ARALE	NOPT	TF	FB	1.00	027.92	5.00	2600
SOMBE	IAF	ARALE	NOPT	TF	FB	1.00	208.00	5.00	2600
ARALE	IF/IAF	ZOGLO		TF	FB	1.00	117.96	6.10	2600
ZOGLO	FAF	HODNO/1.70 NM TO RW12		TF	FB	0.30	118.05	3.35	
HODNO/1.70 NM TO RW12		RW12	MAP	TF	FO	0.30	118.05	1.70	
RW12	MAP	1118 MSL		CA			118.05		
1118 MSL		APESE		DF	FO	1.00			2700

MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW12

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 2700 DIRECT APESE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

2. HOLD NW ARALE, RT, 117.96 INBOUND, 2600 IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 118.05

4. MIN ALT: ARALE 2600, ZOGLO 2600, HODNO/1.70 NM TO RW12 1500

5. DIST TO THLD FROM OM:

6. MIN GP INCPT: 2600

7. GP ANGLE: 3.00

8. MSA FROM: RW12 3100

FAF: ZOGLO

MM: ZOGLO

GP ALT AT PFAF: ZOGLO 2600

34:1: IS CLEAR

20:1: IS CLEAR

FT WITHIN

150 HAT:

TCH: 50.0

MILES OF (IAF)

DIST FAF TO MAP: 5.05

200 HAT: 0.47

OM:

DIST FAF TO THLD: 5.05

GS ANT: MM:

IM:



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT (VGSi ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON GRB VORTAC AIRWAY RADIALS 182 CW 320.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON OSH VORTAC AIRWAY RADIALS 337 CW 023.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 298.30 INBOUND.
CHART FAS OBST: 1014 TREE (55-100577) 441604N/0883145W.
CHART VDP AT 0.97 NM TO RW12.
WAAS CHANNEL # 82716
REFERENCE PATH ID: W12A
LTP HAE: 243.4 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	1118	3/4	200	1118	3/4	200	1118	3/4	200	1118	3/4	200			
LNAV/VNAV DA	1280	1	362	1280	1	362	1280	1	362	1280	1	362			
LNAV MDA	1280	1	362	1280	1	362	1280	1	362	1280	1	362			
CIRCLING	1340	1	422	1380	1	462	1400	1 1/2	482	1480	2	562			



CHANGES - REASONS

1. CHANGED LNAV MDA FROM 1240/HAT 322 TO MDA 1280/HAT 362 - NEW CONTROLLING OBSTACLE TREE (55-100577) 1014 MSL AC 1A 441604.11N/0883144.68W, CANCELS NOTAM 5/4633.
2. CHANGED PBN REQUIREMENTS NOTE FROM DME/DME RNP-0.3 NA TO RNP APCH-GPS - IAW 8260.19 8-6-8.
3. CHANGED UNCOMPENSATED BARO-VNAV NOTE FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F) TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C - IAW 8260.19 8-6-10 R.
4. CHANGED BACKUP ALTIMETER NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREEN BAY-AUSTIN STRAUBEL INTL ALTIMETER SETTING AND INCREASE ALL DA 81 FEET AND ALL MDA 100 FEET. INCREASE LPV AND LNAV/VNAV ALL CATS AND LNAV CAT C/D VISIBILITY 1/4 MILE" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GRB ALTIMETER SETTING AND INCREASE LPV DA TO 1199 FEET AND ALL VISIBILITIES 1/8 SM, INCREASE LNAV/VNAV DA TO 1410 FEET AND ALL VISIBILITIES 1/4 SM, INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM" - IAW 8260.19 8-6-12 N 1 A, MOVED NOTE TO PART C GENERAL REMARKS.
5. MOVED NOTE BARO-VNAV AND VDP NA WHEN USING GREEN BAY-AUSTIN STRAUBEL INTL ALTIMETER SETTING - TO PART C GENERAL REMARKS.
6. ADDED 20:1 IS CLEAR - IAW 8260.19 8-6-7 G 3.
7. CHANGED VDP FROM 0.90NM TO RW12 TO 0.97 NM TO RW12 - IAW 8260.19 8-6-11 M.
8. CRC CHANGED FROM CC429A8E TO AF10A704 - LTP/FTP LATITUDE/LONGITUDE CHANGED FROM 441540.2250N/0883147.0350W TO 441540.2255N/0883147.0380W, FPAP LATITUDE/LONGITUDE CHANGED FROM 441500.9900N/0882955.7400W TO 441500.9960N/0882955.7255W, LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM +02436 TO +02434, LTP ORTHOMETRIC HEIGHT/FPAP ORTHOMETRIC HEIGHT CHANGED FROM +02799 TO +02798.
9. REMOVED *LNAV ONLY NOTE IAW 8260.19 8-6-10, NOT NEEDED.
10. CHANGE PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS ON GRB VORTAC AIRWAY RADIALS 269 CW 286" TO "PROCEDURE NA FOR ARRIVALS ON GRB VORTAC AIRWAY RADIALS 182 CW 320" - IAW 8260.19 8-2-5 E.
11. CHANGE PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS ON OSH VORTAC AIRWAY RADIALS 307 CW 337" TO "PROCEDURE NA FOR ARRIVALS ON OSH VORTAC AIRWAY RADIALS 337 CW 023" - IAW 8260.19 8-2-5 E.
12. CHANGED LNAV/VNAV VISIBILITY FROM 1 1/2 TO 1 1/8 - NEW TARGETS EVALUATION.

09/22/25: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/15/25.

1. CHANGED LNAV/VNAV DA FROM 1329/HAT 411 TO DA 1280/HAT 362 - MATCH LNAV/VNAV MINS TO LNAV MINS.

2. LNAV/VNAV VISIBILITY CHANGED FROM 1 1/8 TO 1 - IAW 8260.3G TABLE 3-3-1.

COORDINATED WITH:

A4A

☒

ALPA

☐

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZMP, ATW ATCT, AMGR

FLIGHT CHECKED BY
SHAWN DOUGLAS MAXWELL

Digitally signed by

OFFICE

RAKE MCGRAW

FIOG

DATE

09/10/2025

Oct 02, 2025

DEVELOPED BY
ALLAN WILL (ARTHUR ULVESTAD)

Digitally signed by

OFFICE

RAKE MCGRAW

AJV-A33

DATE

06/02/2025

Oct 02, 2025

APPROVED BY
KYLE THOMPSON

Digitally signed by

OFFICE

RAKE MCGRAW

AJV-A33

DATE

TITLE

MANAGER

Oct 02, 2025



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KATW
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	441540.2255N
LTP/FTP LONGITUDE	0883147.0380W
LTP/FTP ELLIPSOIDAL HEIGHT	+02434
FPAP LATITUDE	441500.9960N
FPAP LONGITUDE	0882955.7255W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
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)	35.0
CRC REMAINDER	AF10A704

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02798
FPAP ORTHOMETRIC HEIGHT	+02798

