

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV - 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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
KPWM	RNAV (RNP) Z RWY 29	ORIG	PORTLAND	ME		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
76	56				15W	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>			
RNAV		16 APRIL 2026	ROUTINE			

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>
ENE VOR/DME		NAXIE		TF	FB	1.00	071.25	12.92	3000
KAYCC		NAXIE		TF	FB	1.00	103.93	21.52	3000
SLAMZ	IAF	SAPPE		TF	FB	1.00	335.46	5.32	3000
TAATE	IAF	SAPPE		TF	FB	1.00	244.49	5.00	3000
NAXIE	IAF	BANTE		TF	FB	1.00	095.01	5.00	3000
SAPPE	IF	WAGUM		TF	FB	1.00	296.24	4.93	2200
BANTE	IF	DITAC		TF	FB	1.00	095.09	4.00	3000
DITAC		CELOV		RF	FB	1.00	2.20 NM RADIUS CCW (CFQJR)	3.05	2800
CELOV		WAGUM		RF	FB	1.00	2.20 NM RADIUS CCW (CFQJR)	3.05	2200
WAGUM	PFAF	DREMM*		TF	FB	0.30	296.17	0.78	
DREMM		GOMTE*		RF	FB	0.30	2.00 NM RADIUS CW (CFCMV)	0.99	
GOMTE		OVAYA*		RF	FB	0.30	1.35 NM RADIUS CCW (CFEKW)	2.12	
OVAYA		FAWER*		RF	FB	0.30	1.24 NM RADIUS CW (CFFCM)	1.21	
FAWER		RW29	MAP	TF	FO	0.30	290.32	1.30	
RW29	MAP	306 MSL		CA			290.32		
306 MSL		BUXTO		DF	FO	1.00			3000

MISSED APPROACH

MAP:

RNP 0.10: DA
RNP 0.13: DA

RNP 0.30: DA

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 3000 DIRECT BUXTO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.
ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

PROFILE:

- | | | | | | |
|-------|----------------|----------|-----------|----------|-------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
|-------|----------------|----------|-----------|----------|-------|
2. PROFILE STARTS AT WAGUM
3. FAC: * PFAF: WAGUM DIST PFAF TO MAP: DIST PFAF TO THLD:
4. MIN ALT: WAGUM 2200
5. DIST TO THLD FROM PFAF: 6.40 MM: IM: 150 HAT: 250 HAT: 0.65
6. MIN GP INCPT: 2200 GP ALT AT PFAF: WAGUM 2200, DREMM 1941, GOMTE 1616, OVAYA 918, FAWER 520 MM: IM:
7. GP ANGLE: 3.10 34:1: IS CLEAR 20:1: IS CLEAR TCH: 50.0
8. MSA FROM: RW29 3600

PBN REQUIREMENTS NOTES:
RNP AR APCH - GPS, RF. AUTHORIZATION REQUIRED.
EQUIPMENT REQUIREMENTS NOTES:

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -15C OR ABOVE 54C.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.10 ALL CATS VISIBILITY TO 4000.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.13 ALL CATS VISIBILITY TO 6000.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 3/8 SM.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART NOTE: PROCEDURE NA FOR AIRCRAFT WITH WINGSPAN GREATER THAN 136 FEET.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART PLANVIEW NOTE AT DITAC: DO NOT EXCEED 200 KIAS UNTIL WAGUM.
CHART NOTE: PROCEDURE NA FOR ARRIVALS ON ENE VOR/DME AIRWAY T295 SOUTHWESTBOUND.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 110.15 INBOUND.

MINIMUMS:
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT
ALTERNATE: NA ☐ STANDARD.

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<u>CATEGORY:</u>															
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>A VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>B VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>C VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>D VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>E VIS</u>	<u>HAT/HAA</u>
RNP 0.10 DA	306	2400	250	306	2400	250	306	2400	250	306	2400	250			
RNP 0.13 DA	438	3500	382	438	3500	382	438	3500	382	438	3500	382			
RNP 0.30 DA	533	5000	477	533	5000	477	533	5000	477	533	5000	477			

AUTHORIZATION REQUIRED

CHANGES - REASONS:
ORIGINAL PROCEDURE

COORDINATED WITH:
A4A ☐ ALPA ☐ AOPA ☐ APA ☐ HAI ☐ NBAA ☐ OTHER: ZAN

FLIGHT CHECKED BY
RICHARD JOHNSON

DEVELOPED BY
CHRIS SHEHI

APPROVED BY
ALEC SEYBOLD

Richard G Johnson Jr
Digitally signed by Richard G Johnson Jr
Date: 2025.09.18 08:17:20 -06'00'

Chris Shehi
Digitally signed by Chris Shehi
Date: 2025.10.23 06:47:26 -07'00'

Alec Seybold
Digitally signed by Alec Seybold
Date: 2025.10.23 09:20:16 -08'00'

OFFICE
FLIGHT TECH
ENGINEERING

OFFICE
FLIGHT TECH
ENGINEERING

OFFICE
FLIGHT TECH
ENGINEERING

DATE
09/18/2025

DATE
10/23/2025

DATE
10/23/2025

TITLE
CHIEF DESIGNER