

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (RNP) 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> PDX	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 10L	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> PORTLAND	<u>STATE</u> OR
<u>AIRPORT ELEVATION</u> 31	<u>TDZE</u> 30	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 10L	<u>DATED</u> 06/26/2014	<u>MAG VAR</u> 16E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ORIGINAL/AMENDMENT</u> 1A	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2010
		<u>ACTUAL EFFECTIVE DATE</u> 31 OCTOBER 2024	<u>CANCEL/SUSPEND</u>	

**TERMINAL ROUTES** THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 24-23.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MYCRO	IF	GAMBE		TF	FB	1.00	328.06	4.58	4000
GAMBE		TTIDE		RF	FB	1.00	(2.50 NM RADIUS CW (CFFWH))	5.88	2300
TTIDE		BLAZR	PFAF	TF	FB	1.00	102.93	0.97	2000
VOODU	IF	RIPPP		TF	FB	1.00	204.41	4.99	3500
RIPPP		TTIDE		RF	FB	1.00	(2.52 NM RADIUS CCW (CFFWG))	4.45	2300
BUXOM	IF	TRAYL		TF	FB	1.00	102.84	3.72	2300
TRAYL		TTIDE		TF	FB	1.00	102.90	2.03	2300
CIZZL	IF	DAYSS		TF	FB	1.00	283.19	3.99	4500
DAYSS		RIPPP		RF	FB	1.00	(2.51 NM RADIUS CCW (CFFWG))	3.46	3500
BLAZR	PFAF	RW10L	MAP	TF	FO	0.30	102.94	6.03	
RW10L	MAP	800 MSL		CA			102.94		800
800 MSL		BATYL		DF	FO	1.00			4400

**MISSED APPROACH**

**MAP:**

RNP: DA

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 4400 DIRECT BATYL AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4400.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT TTIDE														
3.	FAC:	102.94	PFAF:	BLAZR	DIST PFAF TO MAP:	DIST PFAF TO THLD:									
4.	MIN ALT:	TTIDE 2300, BLAZR 2000													
5.	DIST TO THLD FROM PFAF:	6.03	MM:	IM:	150 HAT:	335 HAT:	0.90	GS ANT:							
6.	MIN GP INCPT:	2000	GP ALT AT PFAF:	BLAZR 2000		OM:		MM:		IM:					
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	49.2							
8.	MSA FROM:	RW10L 5800													

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS. AUTHORIZATION REQUIRED. FROM DAYSS, RIPPP, OR GAMBE: RF.

NOTES:

CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -5°C OR ABOVE 54°C.  
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
CHART SPEED ICON IN PLANVIEW AT MYCRO: MAX 210 KIAS.  
CHART SPEED ICON IN PLANVIEW AT VOODU: MAX 210 KIAS.  
CHART SPEED ICON IN PLANVIEW AT CIZZL: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:



CHART KVUO IN PLANVIEW

HOLD N, RT, 165.00 INBOUND.  
CHART AT OR ABOVE 5000 AT MYCRO.  
CHART AT OR ABOVE 5000 AT VOODU.  
CHART AT OR ABOVE 6000 AT CIZZL.

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD

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
AUTHORIZATION REQUIRED															
RNP 0.30 DA	365	2600	335	365	2600	335	365	2600	335	365	2600	335			



CHANGES - REASONS

1. IAF CIZZL, VODOU AND MYCRO CHANGED FROM IAF'S TO IF'S. - ATC REQUEST.
2. TERMINAL ROUTE FROM CIZZL TO DAYSS COURSE CHANGED FROM 283.18 TO 283.19. - DAYSS MOVED FOR TANGENCY.
3. NOTE CHANGED FROM GPS REQUIRED TO PBN REQUIREMENTS NOTE:RNP AR APCH - GPS. AUTHORIZATION REQUIRED. FROM DAYSS, RIPPP, OR GAMBE: RF. - 8260.19J.
4. REMOVED NOTE RADAR REQUIRED - NO LONGER REQUIRED.
5. REMOVED CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 5500. - INOP TABLE NOW APPLIES.
6. REMOVED NOTE CHART PLANVIEW NOTE AT VODOU: (RNP 0.40), CHART PLANVIEW NOTE AT CIZZL: (RNP 0.40), CHART PLANVIEW NOTE AT BUXOM: (RNP 0.40) AND CHART PLANVIEW NOTE AT MVCRO: (RNP 0.40). - RNP IS NOW STANDARD FOR THESE LEGS.
7. REMOVED ADDITIONAL FLIGHT DATA CHART FAS OBST: 45 NATURAL HIGH POINT 453558N/1223632W - RNP DOES NOT HAVE A FAS OBSTACLE.
8. REMOVED ADDITIONAL FLIGHT DATA DISTANCE TO THLD FROM 335 HATH: 0.90 NM. - NOW CAPTURED IN PROFILE.
9. REMOVED ADDITIONAL FLIGHT DATA #TCH 79.0 MSL (DO NOT CHART) - NOW CAPTURED IN PROFILE.
10. ADDITIONAL FLIGHT DATA CHANGED FROM CHART CHART MANDATORY 5000 AT VODOU AND MYCRO AND CHART MINIMUM 5000 AT CIZZL TO CHART AT OR ABOVE 5000 AT MYCRO AND VODOU AND CHART AT OR ABOVE 6000 AT CIZZL. - ATC REQUEST.
11. REMOVED FROM NOTES: CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS, CHART PLANVIEW NOTE ADJACENT TO CIZZL IAF: RF REQUIRED, CHART PLANVIEW NOTE ADJACENT TO MYCRO IAF: RF REQUIRED AND CHART PLANVIEW NOTE ADJACENT TO VODOU IAF: RF REQUIRED - UPDATED AND INCORPORATED INTO THE PBN REQUIREMENTS NOTE.
12. REMOVED FROM ADDITIONAL FLIGHT DATA: ROUTE TYPE: A,H, ROUTE TYPE QUALIFIER1: F, ROUTE TYPE QUALIFIER2: S - NO LONGER REQUIRED, 8260.19J.
13. PROFILE LINE 2 CHANGED FROM PROFILE STARTS AT BLAZR TO TTIDE. - TTIDE NOW THE START OF THE PROFILE.
14. PROFILE LINE 4 ADDED MIN ALT: TTIDE 2300. - TTIDE NOW PART OF THE PROFILE VIEW.
15. CHART NOTE CHANGED FROM CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 10R, EXCEPT FOR ARRIVALS AT CIZZL, VODOU, AND MVCRO TO SIMULTANEOUS APPROACH AUTHORIZED. - ATC REQUEST.
16. CHART NOTE CHANGED FROM CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -6C (22F) OR ABOVE 54C (130F) TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -5°C OR ABOVE 54°C. - NEW NOTE FORMAT IAW 8260.19J.

9/12/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 9/4/2024.

1. REMOVED ADDITIONAL FLIGHT DATA NOTE: CHART LOC RWY 10R.

COORDINATED WITH:

A4A

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ALPA

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AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER:ZSE, PDX ATCT, ARPT MGR, ST AERO

FLIGHT CHECKED BY

WENDI S GIMA

Digitally signed by

JOSEPH L ZEDER

Sep 04, 2024

OFFICE

FPO

DATE

08/21/2024

DEVELOPED BY

TYLER MITCHELL

Digitally signed by

TYLER D MITCHELL

Jul 17, 2024

OFFICE

AJV-A432

DATE

05/31/2024

APPROVED BY

CASIMIR L. TABAKA

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JOSEPH L ZEDER

Sep 04, 2024

OFFICE

AJV-A432

DATE

10/31/2024

TITLE

MANAGER

