

**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> PSC	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 12	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> PASCO	<u>STATE</u> WA
<u>AIRPORT ELEVATION</u> 410	<u>TDZE</u> 401	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 12	<u>DATED</u> 11/13/2014	<u>MAG VAR</u> 15E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ORIGINAL/AMENDMENT</u> 1	<u>REQUIRED EFFECTIVE DATE</u> 10/02/2025	<u>EPOCH YEAR</u> 2015
		<u>ACTUAL EFFECTIVE DATE</u> 2 OCTOBER 2025	<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>
WATSY	IAF	CULRI		TF	FB	1.00	218.76	18.21	4000
CITYS	IAF	HUKAK		TF	FB	1.00	295.37	14.73	3200
NIALS	IAF	HILOB		TF	FB	1.00	132.02	11.58	3100
GINLE	IAF	HAAVD		TF	FB	1.00	300.68	13.95	3700
CULRI	IF	JUMAT		TF	FB	1.00	219.20	4.05	3000
JUMAT		WEDAV	PFAF	RF	FB	0.50	(2.55 NM RADIUS CCW (CFFML))	4.38	1900
HUKAK	IF	WIDAK		TF	FB	0.50	295.17	3.00	3000
WIDAK		JUMAT		RF	FB	0.50	(2.55 NM RADIUS CCW (CFFML))	3.38	3000
PAIDS	IF	YIZED		TF	FB	1.00	074.87	7.77	2700
YIZED		WEDAV	PFAF	RF	FB	0.50	(3.93 NM RADIUS CW (CFFMW))	3.13	1900
HILOB	IF	WEDAV	PFAF	TF	FB	1.00	120.59	7.96	1900
HAAVD	IF	KAFKA		TF	FB	1.00	300.51	3.94	3100
KAFKA		YIZED		RF	FB	1.00	(3.93 NM RADIUS CW (CFFMW))	9.23	2700
WEDAV	PFAF	RW12	MAP	TF	FO	0.30	120.68	4.56	
RW12	MAP	JIGPI		TF	FB	1.00	120.73	5.80	
JIGPI		ZEGRU		RF	FB	1.00	(4.54 NM RADIUS CCW (CFFMX))	4.42	3200
ZEGRU		CITYS		TF	FO	1.00	065.01	5.84	3200

MISSED APPROACH

MAP:

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3200 ON TRACK 120.73 TO JIGPI, LEFT TURN TO ZEGRU, AND ON TRACK 065.01 TO CITYS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT WEDAV														
3.	FAC:	120.68	PFAF:	WEDAV	DIST FAF TO MAP:	DIST FAF TO THLD:									
4.	MIN ALT:	WEDAV 1900													
5.	DIST TO THLD FROM PFAF:	4.56	MM:	IM:	150 HAT:	380 HAT:	1.05	GS ANT:							
6.	MIN GP INCPT:	1900	GP ALT AT PFAF:	WEDAV 1900		OM:		MM:		IM:					
7.	GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	52.9							
8.	MSA FROM:	RW12 4800													

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS, RF. AUTHORIZATION REQUIRED. FROM JUMAT, HUKAK, YIZED: MIN RNP 0.50

NOTES:

CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -14°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WATSY ON V357 NORTHBOUND, AND V204 NORTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PAIDS ON V204 WESTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NIALS ON V187/T317 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CITYS ON V520 EASTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GINLE ON V298 SOUTHEAST BOUND.
CHART SPEED ICON IN PLANVIEW AT CULRI: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT HUKAK: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT HILOB: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 272.44 INBOUND.

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 0.11 DA	781	1	380	781	1	380	781	1	380	781	1	380			
RNP 0.30 DA	883	1 3/8	482	883	1 3/8	482	883	1 3/8	482	883	1 3/8	482			



CHANGES - REASONS

1. INCREASED RNP 0.11 DA/HAT FROM 769/367 TO 781/380; DECREASED VISIBILITY ALL CATS FROM 1 1/4 TO 1 SM. – NEW CONTROLLING OBSTACLE; IAW 8260.3F TABLE 3-3-1.
2. INCREASED RNP 0.30 HAT FROM 481 TO 482; DECREASED VISIBILITY ALL CATS FROM 1 5/8 TO 1 3/8 SM. - TDZE CHANGED FROM 401 TO 402; IAW 8260.3F TABLE 3-3-1.
3. UPDATED WP PAIDS FROM IAF TO IF; DISTANCE TO YIZED FROM 7.70 TO 7.77; ALTITUDE FROM 2800 TO 2700. – IF YIZED MOVED FOR RF LEG; PER FPT REQUEST.
4. UPDATED INITIAL CITYS COURSE/DISTANCE FROM 295.60/15.62 TO 295.37/14.73. – IF HUKAK MOVED FOR RF LEG WIDAK.
5. REMOVED INITIAL GINLE – MOJUY; INTERMEDIATE MOJUY TO OTAVY, OTAVY TO WIDAK. – PER ATC/FPT REQUEST.
6. ADDED INITIAL GINLE – HAAVD, INTERMEDIATE HAAVD – KAFKA, KAFKA – YIZED. - PER ATC/FPT REQUEST.
7. UPDATED INTERMEDIATE HUKAK – WIDAK COURSE/DISTANCE FROM 295.95/3.00 TO 295.17/3.00. - IF HUKAK MOVED FOR RF LEG WIDAK.
8. UPDATED INTERMEDIATE SD WIDAK – JUMAT COURSE FROM “2.60 NM RADIUS CCW (CFFML)” TO “2.55 NM RADIUS CCW (CFFML)”; DISTANCE FROM 3.49 TO 3.38. – WIDAK AND JUMAT MOVED TO ACCOMMODATE RF LEG.
9. UPDATED INTERMEDIATE CULRI - JUMAT COURSE/DISTANCE FROM 219.08/3.99 TO 219.20/4.05. - JUMAT MOVED TO ACCOMMODATE RF LEG.
10. UPDATED INTERMEDIATE SD JUMAT - WEDAV COURSE FROM “2.60 NM RADIUS CCW (CFFML)” TO “2.55 NM RADIUS CCW (CFFML)”; DISTANCE FROM 4.46 TO 4.38. - WIDAK AND JUMAT MOVED TO ACCOMMODATE RF LEG.
11. UPDATED INTERMEDIATE SD YIZED - WEDAV COURSE FROM “4.08 NM RADIUS CW (CFFMW)” TO “(3.93 NM RADIUS CW (CFFMW)”; DISTANCE FROM 3.25 TO 3.13. - YIZED MOVED TO ACCOMMODATE RF LEG; PFAF WEDAV MOVED TO ACCOMMODATE 3.00/52.9 GPA/TCH.
12. UPDATED INTERMEDIATE HILOB - WEDAV DISTANCE FROM 6.04 TO 7.96; FINAL WEDAV - RW12 DISTANCE FROM 4.55 TO 4.56. – PFAF WEDAV MOVED TO ACCOMMODATE 3.00/52.9 GPA/TCH.
13. UPDATED MISSED APPROACH RW12 – JIGPI COURSE/DISTANCE FROM 120.74/5.77 TO 120.73/5.80; JIGPI – ZEGRU DISTANCE FROM 4.15 TO 4.42; ZEGRU – CITYS DISTANCE FROM 5.86/5.84. – JIGPI/ZEGRU MOVED TO ACCOMMODATE RF LEG TO ZEGRU.
14. UPDATED MISSED APPROACH INSTRUCTIONS FROM “CLIMB TO 3200 ON TRACK 120.74 TO JIGPI, LEFT TURN TO ZEGRU, AND ON TRACK 065.01 TO CITYS AND HOLD.” – WP JIGPI MOVED. ON TRACK 120.73 TO JIGPI, LEFT TURN TO ZEGRU, AND ON TRACK 065.01 TO CITYS AND HOLD.” – WP JIGPI MOVED.
15. LINE 5: UPDATED DIST TO THLD FROM OM: 4.55 TO DIST TO THLD FROM PFAF: 4.56; ADDED DISTANCE TO THLD FROM 380 HAT: 1.05. REMOVED "DISTANCE TO THLD FROM 367 HAT: 0.98 NM" FROM ADDITIONAL FLIGHT DATA. – IAW 8260.19J 8-6-7 E; RNP 0.11 DA INCREASED; FORMS UPDATED.
16. LINE 7: UPDATED 34:1 IS CLEAR TO 34:1 IS NOT CLEAR; ADDED 20:1 IS CLEAR; . – 34:1 PENETRATIONS FOUND; NO 20:1 PENETRATIONS FOUND.
17. LINE 8: UPDATED MSA FROM RW12 4900 TO RW12 4800. - NEW OBSTACLES EVALUATION COMPLETED.
18. ADDED PBN REQUIREMENTS: RNP AR APCH - GPS, RF. AUTHORIZATION REQUIRED. FROM JUMAT, HUKAK, YIZED: MIN RNP 0.50 – IAW 8260.19J 8-6-8 D AND IMPLEMENTATION LETTER.
19. REMOVED CHART NOTES: RF REQUIRED; GPS REQUIRED. – REQUIRED NOTES MOVED TO PBN REQUIREMENTS.
20. UPDATED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -14°C (7F) OR ABOVE 54°C (130F) TO -14°C OR ABOVE 54°C. - FAHRENHEIT REMOVED IAW 8260.19J.
21. REMOVED CHART PLANVIEW NOTES: AT OTAVY: MAX 180 KIAS; AT WIDAK: MAX 180 KIAS; AND AT JUMAT: MAX 180 KIAS. - RESTRICTIONS WERE NO LONGER REQUIRED DUE TO THE CHANGE IN MAXIMUM BANK ANGLE CRITERIA.
22. ADDED CHART SPEED ICON IN PLANVIEW: AT CULRI: MAX 210 KIAS; AT HUKAK: MAX 210 KIAS; AND AT HILOB: MAX 210 KIAS. – ATC REQUEST.
23. REMOVED CHART PLANVIEW NOTE AT WATSY/PAIDS/CITYS: (RNP 0.50). – REQUIRED NOTES MOVED TO PBN REQUIREMENTS NOTES.
24. ADDITIONAL FLIGHT DATA: DELETED “ROUTE TYPE: A, H,” “ROUTE TYPE QUALIFIER 1: F” AND “ROUTE TYPE QUALIFIER 2: S.” – NO LONGER A DOCUMENTATION REQUIREMENT.
25. REMOVED ADDITIONAL FLIGHT DATA: #TCH 449.3 (DO NOT CHART). - NO LONGER A DOCUMENTATION REQUIREMENT.
26. UPDATED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS FROM "AT WATSY ON V357 NORTHBOUND, AND ARRIVALS ON V204 NORTHBOUND" TO "AT WATSY ON V357 NORTHBOUND, AND V204 NORTHBOUND." - IAW 8260.19J 8-2-5 G.
27. UPDATED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NIALS FROM "ON V187 NORTHWEST BOUND" TO "ON V187/T317 NORTHWEST BOUND." - T ROUTE ADDED TO NIALS.

8/8/25: THIS IS AN UPDATE COPY OF THE FORM DEVELOPED ON 4/21/2025:
ADDED 10/2/2025 TO REQUIRED EFFECTIVE DATE.

COORDINATED WITH:

A4A

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ALPA

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AOPA

☒

APA

☒

HAI

☐

NBAA

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OTHER: ZSE, PSC APP CON, PSC ATCT, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by
CASIMIR L TABAKA
Aug 08, 2025

OFFICE

AJV-A432

DATE

04/21/2025

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by
CASIMIR L TABAKA
Aug 08, 2025

OFFICE

AJV-A430

DATE

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
Aug 08, 2025

OFFICE

DATE

TITLE
MANAGER

