

**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> KEUG	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 34L	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> EUGENE	<u>STATE</u> OR		
<u>AIRPORT ELEVATION</u> 374	<u>TDZE</u> 368	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 34L	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 12/07/2017	<u>MAG VAR</u> 15E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 14 JULY 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
SHEDD	IAF	ANIFA		TF	FB	1.00	160.02	23.45	5300
VIDAS	IAF	ZASUK		TF	FB	1.00	218.38	9.72	5000
ZASUK		WHUMP		TF	FB	1.00	218.10	8.79	3700
DRAIN	IAF	UJOKU		TF	FB	1.00	005.13	10.94	4000
VAUGN	IAF	IBUSY		TF	FB	1.00	068.20	3.66	3500
ANIFA	IF	BUFON		TF	FB	1.00	160.09	2.81	3300
BUFON		CUPPY		RF	FB	1.00	(3.59 NM RADIUS CW (CFPMJ))	5.78	3000
CUPPY		DISSO		TF	FB	0.80	252.23	0.87	2700
DISSO		WIRLU		RF	FB	0.90	(3.44 NM RADIUS CW (CFPKB))	2.46	2400
WIRLU		ZIMKE		RF	FB	0.90	(3.44 NM RADIUS CW (CFPKB))	3.07	2000
WHUMP	IF	CUPPY		TF	FB	1.00	252.31	5.40	3000
IBUSY	IF	JURLO		TF	FB	1.00	068.25	3.08	2300
JURLO		KEBRE		RF	FB	1.00	(3.78 NM RADIUS CCW (CFVDJ))	2.77	2100
KEBRE		ZIMKE		RF	FB	1.00	(3.78 NM RADIUS CCW (CFVDJ))	2.77	2000
UJOKU	IF	ICACA		TF	FB	1.00	344.37	6.88	2900
ICACA		EGVEH		TF	FB	1.00	344.37	4.62	2100
EGVEH		ZIMKE		TF	FB	1.00	344.36	0.61	2000
ZIMKE	PFAF	RW34L	MAP	TF	FO	0.30	344.37	4.97	2000

QUALITY
15
CHECKED

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RW34L	MAP	1500 MSL		CA			344.37		
1500 MSL		VAUGN		DF	FO	1.00			4000

MISSED APPROACH

MAP:
RNP: DA

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 1500, THEN CLIMBING LEFT TURN TO 4000 DIRECT VAUGN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT ZIMKE					
3. FAC: 344.37	PFAF: ZIMKE		DIST PFAF TO MAP:		DIST PFAF TO THLD:
4. MIN ALT: ZIMKE 2000					
5. DIST TO THLD FROM PFAF: 4.97	MM:	IM:	150 HAT:	352 HAT: 0.95	GS ANT:
6. MIN GP INCPT: 2000	GP ALT AT PFAF : ZIMKE 2000			OM:	MM: IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 53.0		
8. MSA FROM: RW34L 5600					

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -6°C OR ABOVE 54°C.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SHEDD ON V23 NORTHBOUND AND ON V536 NORTHWEST BOUND.
CHART PLANVIEW NOTE AT SHEDD: (RNP 0.80).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VIDAS ON V121 EASTBOUND.
CHART PLANVIEW NOTE AT VIDAS: (RNP 0.80).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DRAIN ON V448 SOUTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VAUGN ON V495 SOUTHBOUND AND V121 SOUTHWEST BOUND.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.20 ALL CATS VISIBILITY TO RVR 5500; INCREASE RNP 0.30 CATS A,B VISIBILITY TO RVR 6000.
CHART SPEED ICON IN PLANVIEW AT BUFON: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT ANIFA: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT JURLO: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT CUPPY: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT IBUSY: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD SW, LT, 029.50 INBOUND.



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

ALTERNATE: NA ☐

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 0.20 DA	720	4500	352	720	4500	352	720	4500	352	720	4500	352			
RNP 0.30 DA	761	5000	393	761	5000	393	761	5000	393	761	5000	393			



CHANGES - REASONS

1. REPLACED INITIAL LEG SHEDD TO JALBU WITH SHED TO ANIFA IN TERMINAL ROUTES. - FPT/ATC REQUEST.
2. REPLACED INITIAL LEG VIDAS TO ZUPON WITH VIDAS TO ZASUK TO WHUMP IN TERMINAL ROUTES. - FPT/ATC REQUEST.
3. REPLACED INITIAL LEG VAUGN TO JURLO WITH VAUGN TO IBUSY IN TERMINAL ROUTES. - FPT/ATC REQUEST.
4. REPLACED INTERMEDIATE LEGS JALBU TO WUSAR TO ZIVLI TO WIRLU TO ZIMKE WITH ANIFA TO BUFON TO CUPPY TO DISSO TO WIRLU TO ZIMKE IN TERMINAL ROUTES. - FPT/ATC REQUEST.
5. REPLACED INTERMEDIATE LEGS JURLO TO KEBRE TO ZIMKE WITH IBUSY TO JURLO TO KEBRE TO ZIMKE IN TERMINAL ROUTES. FPT/ATC REQUEST.
6. REPLACED INTERMEDIATE LEGS ZUPON TO ZIVLI TO WIRLU TO ZIMKE WITH WHUMP TO CUPPY TO DISSO TO WIRLU TO ZIMKE IN TERMINAL ROUTES. - FPT/ATC REQUEST.
7. INTERMEDIATE WIRLU TO ZIMKE CHANGED FROM RNP 0.40 TO RNP 0.90. - FPT REQUEST.
8. INTERMEDIATE WIRLU TO ZIMKE RNP, COURSE, DISTANCE AND ALTITUDE CHANGED FROM RNP 0.40, (5.14 NM RADIUS CW (CFPKB))/3.64, 1800 TO RNP 0.90, (3.44 NM RADIUS CW (CFPKB))/3.07, 2000. - WIRLU FIXED MOVED.
9. INTERMEDIATE JURLO TO KEBRE RNP, COURSE, DISTANCE AND ALTITUDE CHANGED FROM RNP 0.50, (4.56 NM RADIUS CCR (CFPGT))/3.32, 2100 TO RNP 1.0, (3.78 NM RADIUS CCW (CFVDJ))/2.77, 2100. - BOTH FIXES MOVED.
10. INTERMEDIATE KEBRE TO ZIMKE RNP, COURSE, DISTANCE, AND ALTITUDE CHANGED FROM RNP 0.50 (4.44NM RADIUS CCW (CFVDJ))/3.28, 1800 TO RNP 1.0, (3.78 NM RADIUS CCW (CFVDJ))/2.77, 2000. - KEBRE FIX MOVED.
11. INTERMEDIATE UJOKU TO ICACA RNP AND COURSE CHANGED FROM 0.50, 343.37 TO RNP 1.0, 344.37 - MAGVAR UPDATE.
12. INTERMEDIATE ICACA TO EGVEH RNP AND COURSE CHANGED FROM 0.50, 343.37 TO RNP 1.0, 344.37 - MAGVAR UPDATE.
13. INTERMEDIATE EGVEH TO ZIMKE RNP,COURSE, DISTANCE, AND ALTITUDE CHANGED FROM RNP 0.50, 343.37, 1.24, AND 1800 TO RNP 1.0 344.37, 0.62, AND 2000. - FAF MOVED TO ACCOMMODATE 3.00 GP AT 2000 FT.
14. FINAL ZIMKE TO RW34L COURSE AND DISTANCE CHANGED FROM 343.37, 4.34 TO 344.37, 4.97. - NEW FAF POSITION.
15. MISSED APPROACH CA LEG CHANGED FROM 343.37 TO 344.37. - NEW FINAL APPROACH COURSE.
16. PROFILE LINE 3 PFAF: ADDED ZIMKE. - COMPLIANCE WITH 8260.19I.
17. PROFILE LINE 4 CHANGED MIN ALT: ZIMKE 1800 TO ZIMKE 2000. - NEW ALTITUDE.
18. PROFILE LINE 5 DIST THLD FROM PFAF: 4.34 CHANGED TO DIST THLD FROM PFAF 4.97. - PFAF MOVED.
19. PROFILE LINE 5 ADDED 352 HAT: .95 - 8260.19I COMPLIANCE.
20. PROFILE LINE 6 CHANGED MIN GS INCPT: 1800, GS ALT AT: ZIMKE 1800 TO MIN GP INCPT: 2000 GP ALT AT PFAF: ZIMKE 2000. - NEW PFAF ALTITUDE.
21. PROFILE LINE 7 ADDED 20:1 IS CLEAR. - 8260.19I COMPLIANCE.
22. PROFILE LINE 8 MSA CHANGED FROM 5900 TO 5600. - NEW EVAL.
23. PBN REQUIREMENTS NOTE: RNP AR APCH - GPS. ADDED. - 8260.58B COMPLIANCE.
24. CHART NOTE: CHANGED FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -9C (16F) OR ABOVE 54C (130F) TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -6C OR ABOVE 54C. - NEW HISTORICAL DATA.
25. CHART NOTE: GPS REQUIRED DELETED. - 8260.19I COMPLIANCE.
26. CHART NOTE ADDED, FOR INOPERATIVE ALS, INCREASE RNP 0.20 ALL CATS VISIBILITY TO RVR 5500; INCREASE RNP 0.30 CATS A,B VISIBILITY TO RVR 6000. - NEW EVALUATION.
27. CHART PLANVIEW NOTES RF REQUIRED REMOVED FROM SHEDD IAF, VIDAS IAF, VAUGN IAF. - 8260.19I COMPLIANCE.
28. CHART PLANVIEW NOTE: AT SHED: (RNP 0.40) CHANGED TO (RNP 0.80). - 8260.19I COMPLIANCE.
29. CHART PLANVIEW NOTE: AT VIDAS: (RNP 0.40) CHANGED TO (RNP 0.80). - 8260.19I COMPLIANCE.
30. CHART PLANVIEW NOTE: AT DRAIN: (RNP 0.30) REMOVED. - SEGMENT CHANGED TO (RNP 1.00)
31. CHART PLANVIEW NOTE: AT VAUGN: (RNP 0.50) REMOVED. - SEGMENT CHANGED TO (RNP 1.00).
32. CHART SPEED ICON IN PLANVIEW AT ANIFA: MAX 210 KIAS ADDED. - TO ACCOMMODATE VECTOR LENGTH OF SEGMENT AND BANK ANGLE.
33. CHART SPEED ICON IN PLANVIEW AT BUFON: MAX 210 KIAS ADDED. - TO ACCOMMODATE BANK ANGLE.
34. CHART SPEED ICON IN PLANVIEW AT CUPPY: MAX 210 KIAS ADDED. - TO ACCOMMODATE BANK ANGLE.
35. CHART SPEED ICON IN PLANVIEW AT IBUSY: MAX 210 KIAS ADDED. - TO ACCOMMODATE BANK ANGLE.
36. CHART SPEED ICON IN PLANVIEW AT JURLO: MAX 210 KIAS ADDED. - TO ACCOMMODATE BANK ANGLE.
37. ADDITIONAL FLIGHT DATA: DISTANCE TO THLD 391 HAT: 1.07 REMOVED. - 8260.19I COMPLIANCE.
38. ADDITIONAL FLIGHT DATA: NOTE # TCH 418.5 MSL (DO NOT CHART) REMOVED. - 8260.19I COMPLIANCE.
39. ADDITIONAL FLIGHT DATA: NOTE ROUTE TYPE: A, H REMOVED. - 8260.19I COMPLIANCE.
40. ADDITIONAL FLIGHT DATA: NOTE ROUTE TYPE QUALIFIER 1: F REMOVED. - 8260.19I COMPLIANCE.
41. ADDITIONAL FLIGHT DATE: NOTE ROUTE TYPE QUALIFIER 2: S REMOVED. - 8260.19I COMPLIANCE.
42. ADDED RNP 0.20 LINE OF MINIMA. - FPT/ATC REQUEST.
43. UPDATED RNP 0.30 LINE OF MINIMA DA/HAT, VISIBILITY FROM 759/391 5000 TO 761/393 5000. - NEW EVAL.
44. THIS AMENDMENT WILL CANCEL NOTAM 1/2670.



AIRPORT ID
KEUG

PROCEDURE NAME
RNAV (RNP) Z RWY 34L

ORIGINAL/AMENDMENT
2

CITY
EUGENE

STATE
OR

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZSE, CASCADE APP/DEP CON, AMGR, EUG ATCT

FLIGHT CHECKED BY

DANIEL C FAVORITE

Digitally signed by
CASIMIR L TABAKA

OFFICE

FPO

DATE

04/21/2022

DEVELOPED BY

JOHN KEEFER

Digitally signed by
CASIMIR L TABAKA
Mar 15, 2022

OFFICE

AJV-A432

DATE

02/09/2022

APPROVED BY

LONNIE EVERHART

Digitally signed by
CASIMIR L TABAKA
Mar 15, 2022

OFFICE

AJV-A430

DATE

TITLE
MANAGER

