

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</u> MAHLON SWEET FIELD	<u>AIRPORT ID</u> KEUG	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 34R	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> EUGENE	<u>STATE</u> OR	
<u>AIRPORT ELEVATION</u> 374	<u>TDZE</u> 374	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 34R	<u>ORIGINAL/AMENDMENT</u> 3A	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 15E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 13 SEPTEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> 09/13/2018	<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>
EUG VORTAC		NIBPI		TF	FO	2.00	161.48	17.37	4000
CHEEZ		PEBIC		TF	FB	2.00	273.02	6.79	5400
VAUGN		NIBPI		TF	FO	2.00	108.90	13.13	4200
PEBIC	IAF	NIBPI	NOPT	TF	FB	1.00	280.74	5.35	4000
CURTI	IAF	NIBPI	NOPT	TF	FB	1.00	328.29	8.78	4000
DRAIN	IAF	NIBPI	NOPT	TF	FB	1.00	008.15	11.37	4000
NIBPI	IF/IAF	SEYOK		TF	FB	1.00	344.38	6.88	2700
SEYOK		ZOPNO		TF	FB	1.00	344.39	2.78	2300
ZOPNO		ICAVA		TF	FB	1.00	344.39	2.47	2000
ICAVA	FAF	JUGIX/2.20 NM TO RW34R		TF	FB	0.30	344.39	2.75	
JUGIX/2.20 NM TO RW34R		RW34R	MAP	TF	FO	0.30	344.39	2.20	
RW34R	MAP	636 MSL		CA			344.39		
636 MSL		KIBKE		DF	FB	1.00			
KIBKE		ALFOR		TF	FO	1.00	006.73	6.04	3000



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	636	7/8	262	636	7/8	262	636	7/8	262	636	7/8	262			
LNAV/VNAV DA	661	7/8	287	661	7/8	287	661	7/8	287	661	7/8	287			
LNAV MDA	780	1	406	780	1	406	780	1 1/8	406	780	1 1/8	406			
CIRCLING	820	1	446	840	1	466	1000	1 3/4	626	1140	2 1/2	766			

CHANGES - REASONS

1. ADDED PBN EQUIPMENT REQUIREMENT NOTES "RNP APCH" - EQUIPMENT REQUIREMENTS NOTE APPLIED PER 8260.58A, CHANGE 1.
2. DELETED CHART NOTE "DME/DME RNP-0.3 NA" - 8260.19H, PARA 1-1-5F(14), REMOVED THE REQUIREMENT FOR THIS NOTE.
3. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -9C (16F) OR ABOVE 54C (130F)" TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10C OR ABOVE 54C" - UPDATED NOTE REMOVED REQUIREMENT FOR FAHRENHEIT VALUES AND ADJUSTED TEMPERATURE VALUES FOUND USING MOST RECENT 5 CONSECUTIVE YEARS DATA (2013-2017).
4. ADDED 20:1 CLEAR TO LINE 7 - STATUS OF BOTH 20:1 AND 34:1 SURFACES ARE NOW REQUIRED TO BE SHOWN.
5. FEEDER (EUG VORTAC) INBOUND COURSE CHANGED FROM "160.48" TO "161.48" - MAG VAR UPDATED FROM -16 TO -15.
6. FEEDER (CHEEZ) INBOUND COURSE CHANGED FROM "272.02" TO "273.02" - MAG VAR UPDATED FROM -16 TO -15.
7. FEEDER (VAUGN) INBOUND COURSE CHANGED FROM "107.90" TO "108.90" - MAG VAR UPDATED FROM -16 TO -15.
8. IAF (PEBIC) INBOUND COURSE CHANGED FROM "279.74" TO "280.74" - MAG VAR UPDATED FROM -16 TO -15.
9. IAF (CURTI) INBOUND COURSE CHANGED FROM "327.29" TO "328.29" - MAG VAR UPDATED FROM -16 TO -15.
10. IAF (DRAIN) INBOUND COURSE CHANGED FROM "007.15 TO "008.15" - MAG VAR UPDATED FROM -16 TO -15.
11. IF/IAF (NIBPI) INBOUND COURSE CHANGED FROM "343.38" TO "344.38" - MAG VAR UPDATED FROM -16 TO -15.
12. IF-SDF (SEYOK) INBOUND COURSE CHANGED FROM "343.39" TO "344.39" - MAG VAR UPDATED FROM -16 TO -15.
13. IF-SDF (ZOPNO) INBOUND COURSE CHANGED FROM "343.39" TO "344.39" - MAG VAR UPDATED FROM -16 TO -15.
14. FAF (ICAVA) INBOUND COURSE CHANGED FROM "343.39" TO "344.39" - MAG VAR UPDATED FROM -16 TO -15.
15. FAF-SDF (JUGIX) INBOUND COURSE CHANGED FROM "343.39" TO "344.39" - MAG VAR UPDATED FROM -16 TO -15.
16. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 3000 DIRECT KIBKE AND ON TRACK 006 TO ALFOR AND HOLD" TO "CLIMB TO 3000 DIRECT KIBKE THEN ON TRACK 007 TO ALFOR AND HOLD" - MAG VAR UPDATED FROM -16 TO -15.
17. MSA ALTITUDE/OBSTACLE/DISTANCE/BEARING CHANGED FROM "5900/AAO 4838 (6A)/28.5/117" TO "5800/AAO 4594 (3F)/28.4/118 " - UPDATED CONTROLLING OBSTACLE ALLOWED FOR 100 FOOT DECREASE IN ALTITUDE.
18. LNAV/VNAV DA/HAT/VIS CHANGED FROM "675/301/1" TO "661/287/7/8" - UPDATED OBSTACLE ACCURACY CODE REMOVED 20 FOOT AC ADJUSTMENT FROM "2C" TO "1A"
19. ADDED MAX HOLDING ALTITUDE 6000 AT NIBPI - UPDATED FORMS NOW SHOW MAXIMUM ALTITUDE ALLOWABLE AT HOLD-IN-LIEU FIX.
20. MOVED SDF (JUGIX) LOCATION FROM "2.25 NM" TO "2.20 NM" AND CHANGED ALTITUDE FROM "1140" TO "1120"- 8260.54A REQUIRES SDF LOCATION TO BE IN 0.10 NM INCREMENTS. MOVING ALLOWED LOWER ALTITUDE.
21. FAF LOCATION CHANGED FROM "4.64 NM" TO "4.95 NM" - DUE TO PRIOR SEGMENT ALTITUDE MINIMA, THE FAF NEEDED TO BE MOVED TO MAINTAIN 3.00 DEGREE DESCENT GRADIENT.
22. FAF ALTITUDE CHANGED FROM "1900" TO "2000" - PRIOR SEGMENT MINIMUM ALTITUDE MANDATED FAF ALTITUDE CHANGED.
23. MISSED APPROACH HOLDING FIX (ALFOR) INBOUND COURSE CHANGED FROM "179.19" TO 180.19" - MAG VAR UPDATED FROM -16 TO -15.

PDF EDIT 5/14/18: JAMES LAFFERTY, CHANGED LNAV/VNAV MISSED APPROACH PENETRATION FROM "TREE (LPV'S)" TO " ANTENNA (LNAV/VNAV'S)".

PDF EDIT 5/14/18: JAMES LAFFERTY, REMOVED LPV MISSED APPROACH PENETRATION FROM LNAV MISSED APPROACH SECTION.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZSE, EUG ATCT, ARPT MGR

FLIGHT CHECKED BY

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Jun 19, 2018

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Aug 07, 2018

DATE

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05/14/2018

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TITLE

MANAGER



