

**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 ID</u> KCVO	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 3A	<u>CITY</u> CORVALLIS	<u>STATE</u> OR		
<u>AIRPORT ELEVATION</u> 250	<u>TDZE</u> 250	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 3	<u>DATED</u> 09/13/2018	<u>MAG VAR</u> 15E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 OCTOBER 2021	<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>
CVO VOR/DME		DERAY		TF	FO	1.00	171.56	11.76	3700
EUG VORTAC	IAF	DERAY	NOPT	TF	FB	1.00	323.30	11.89	3700
DERAY	IF/IAF	WENKA		TF	FB	1.00	351.94	3.90	2500
WENKA		ACOTY		TF	FB	1.00	351.95	2.11	1900
ACOTY	FAF	CESDO/2.52 NM TO RW35		TF	FB	0.30	351.95	2.50	
CESDO/2.52 NM TO RW35		RW35	MAP	TF	FO	0.30	351.95	2.52	
RW35	MAP	1000 MSL		CA					1000
1000 MSL		DERAY		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 4000 DIRECT DERAY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S DERAY, RT, 351.94 INBOUND, 3700 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 351.95FAF: ACOTYDIST FAF TO MAP: 5.02DIST FAF TO THLD: 5.02

4. MIN ALT: DERAY 3700, WENKA 2500, ACOTY 1900, CESDO/2.52 NM TO RW35 1100

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.63GS ANT:

6. MIN GP INCPT: 1900GP ALT AT FAF : ACOTY 1900OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 51.0

8. MSA FROM: RW35 5300

PBN REQUIREMENTS NOTE:

RNP APCH - GPS

NOTES:

CHART NOTE: CIRCLING RWY 28 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CVO VOR/DME AIRWAY RADIALS 081 CW 217.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON EUG VORTAC AIRWAY RADIALS 292 CW 015.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 380 TOWER (41-000246) 442829N/1231818W.
600 AAO 442401N/1231858W.
CHART VDP AT 1.06 NM TO RW35
WAAS CHANNEL # 69517
REFERENCE PATH ID: W35A
CHART CIRCLING ICON.
LTP HAE: 53.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	500	3/4	250	500	3/4	250	500	3/4	250	500	3/4	250			
LNAV/VNAV DA	551	7/8	301	551	7/8	301	551	7/8	301	551	7/8	301			
LNAV MDA	640	1	390	640	1	390	640	1 1/8	390	640	1 1/8	390			
CIRCLING	720	1	470	740	1	490	920	1 3/4	670	1080	2 3/4	830			



CHANGES - REASONS

1. ADDITIONAL FLIGHT DATA NOTE CHANGED LTP HAE: FROM "53.5 M" TO "53.1 M" - UPDATED SURVEY DATA.
2. ADDED CHART NOTE: CIRCLING RWY 28 NA AT NIGHT. - 20:1 PENETRATIONS TO RWY 28.
3. ALTERNATE MINIMUMS: ADDED "CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE." - LOCAL WEATHER ON WMSCR.
4. INCREASED CIRCLING CAT B CMDA/HAA FROM "720/470" TO "740/490" - NEW CONTROLLING OBSTACLE; INCORPORATED NOTAM 9/7160.
5. CHANGED FAS DATA LTP/FTP LATITUDE FROM "442914.5950N" TO "442914.6000N" - UPDATED SURVEY DATA.
6. CHANGED FAS DATA LTP/FTP LONGITUDE FROM "1231737.7200W" TO "1231737.7160W" - UPDATED SURVEY DATA.
7. CHANGED FAS DATA LTP/FTP ELLIPSOIDAL HEIGHT FROM "+00535" TO "+00531" - UPDATED SURVEY DATA.
8. CHANGED FAS DATA FPAP LATITUDE FROM "443043.0365N" TO "443043.0410N" - UPDATED SURVEY DATA.
9. CHANGED FAS DATA FPAP LONGITUDE FROM "1231722.6320W" TO "1231722.6250W" - UPDATED SURVEY DATA.
10. CRC REMAINDER CHANGED FROM "2C6274F5" TO "3372B549" - DUE TO LTP/FTP LAT/LONG, FPAP LAT/LONG AND LTP FTP ELLIPSOIDAL HEIGHT CHANGE.
11. UPDATED EQUIPMENT REQUIREMENT NOTE FROM "RNP APCH" TO "RNP APCH - GPS" - 8260.19I 8-6-8 B(2).
12. REMOVED * LNAV ONLY FROM ADDITIONAL FLIGHT DATA AND LINE 4 - 8260.19I 8-6-7D: 8260.19I 8-6-10M.
13. UPDATED MISSED APPROACH FROM CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3700 DIRECT DERAY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3700 TO CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 4000 DIRECT DERAY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000 - 8260.3D 17-7-3, NEW EVALUATION.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** CASCADE APCH, ZSE, AMGR, OREGON AERO.

FLIGHT CHECKED BY

Digitally signed by

OFFICE

DATE

DANIEL C FAVORITE

DONALD H LANIER

FICO

06/22/2021

Jun 24, 2021

DEVELOPED BY

Digitally signed by

OFFICE

DATE

DONALD H. LANIER (MICAH HILLEY)

DONALD H LANIER

AJV-A431

12/08/2020

Jun 24, 2021

APPROVED BY

LONNIE EVERHART *Digitally signed by*

OFFICE

DATE

TITLE
MANAGER

DONALD H LANIER

Jun 24, 2021

AJV-A430

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCVO
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	442914.6000N
LTP/FTP LONGITUDE	1231737.7160W
LTP/FTP ELLIPSOIDAL HEIGHT	+00531
FPAP LATITUDE	443043.0410N
FPAP LONGITUDE	1231722.6250W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0952
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	3372B549

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+00759
FPAP ORTHOMETRIC HEIGHT	+00759