

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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> ILS OR LOC RWY 17	<u>ORIGINAL/AMENDMENT</u> 6	<u>CITY</u> CORVALLIS	<u>STATE</u> OR		
<u>AIRPORT ELEVATION</u> 250	<u>TDZE</u> 248	<u>SUPERSEDED</u> ILS OR LOC RWY 17	<u>ORIGINAL/AMENDMENT</u> 5A	<u>DATED</u> 04/22/2021	<u>MAG VAR</u> 15E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-CVO	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 APRIL 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 23-07.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CVO VOR/DME		SKIVE/CVO 13.17 DME					349.33	13.17	4300
MUFFE/13.17 DME CCW	IAF	SKIVE/CVO 13.17 DME	NOPT				13.17 DME ARC (CVO LR-359)		4300
WOUDS/13.17 DME CW	IAF	SKIVE/CVO 13.17 DME	NOPT				13.17 DME ARC (CVO LR-340)		4300
SKIVE/CVO 13.17 DME	IF/IAF	SHAVD/CVO 8.38 DME					171.96 (I-CVO)	4.80	2800
SHAVD/CVO 8.38 DME		ACVOL/CVO 6.87 DME					171.96 (I-CVO)	1.50	2400

MISSED APPROACH

MAP:

ILS: DA

LOC: 6.63 NM AFTER ACVOL/CVO 6.87 DME OR AT CVO 0.26 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 900 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 050 AND ON CVO VOR/DME R-081 TO SHEDD INT/EUG 22.07 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD N SKIVE, RT, 171.96 INBOUND, 4300 FT. IN LIEU OF PT (IAF), MAX 4700

3. FAF: 171.96 FAF: ACVOL/CVO 6.87 DME DIST FAF TO MAP: 6.63 DIST FAF TO THLD: 6.63

4. MIN ALT: SKIVE/CVO 13.17 DME 4300, SHAVD/CVO 8.38 DME 2800, ACVOL/CVO 6.87 DME 2400, COVOR/CVO 2.67 DME 1060

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 825

6. MIN GS INCPT: 2400 GS ALT AT PFAF: ACVOL/CVO 6.87 DME 2400 OM: MM: IM:

7. GS ANGLE: 3.00 34:1: 20:1: TCH: 44.5

8. MSA FROM: CVO VOR/DME 5300

EQUIPMENT REQUIREMENTS NOTE:

DME REQUIRED.

NOTES:

CHART NOTE: CIRCLING RWY 28 NA AT NIGHT.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 17 CAT C/D VISIBILITY TO 1 3/4 SM.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MUFFE ON V23 SOUTH BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WOULDs ON V287 SOUTH BOUND.

CHART NOTE: DME FROM CVO VOR/DME. DME USE REQUIRES SIMULTANEOUS RECEPTION OF I-CVO AND CVO DME.

ADDITIONAL FLIGHT DATA:

CHART CVO R-040 AT MUFFE

CHART CVO R-325 AT WOULDs

HOLD N, RT, 180.19 INBOUND.

CHART FAS OBST: 615 TREE (41-072273) 443233N/1231727W.

1080 AAO 443634N/1231704W.

CHART VDP AT 2.09 DME.

DISTANCE VDP TO THLD 1.84 NM.

CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 900-2 1/2

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 17	448	1/2	200	448	1/2	200	448	1/2	200	448	1/2	200			
S-LOC 17	880	1/2	632	880	1/2	632	880	1 3/8	632	880	1 3/8	632			
CIRCLING	880	1	630	880	1	630	920	1 3/4	670	1060	2 1/2	810			

QUALITY
16
CHECKED

CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED ROUTES CONTAINING SL NDB AND LWG NDB - NAVAIDS BEING DECOMMISSIONED
2. TERMINAL ROUTES: REMOVED ROUTES CONTAINING FIXES BREA, CRAAF AND MAGOT - MAKE-UP NAVAIDS BEING DECOMMISSIONED
3. TERMINAL ROUTES: CHANGED SEGMENT CVO VOR/DME TO LWGNDB/CVO 6.91 FROM "CVO VOR/DME TO LWG NDB/CVO 6.91 DME 350.20 6.91 4000" TO "CVO VOR/DME TO SKIVE/CVO 13.17 DME NOPT 349.33 13.17 4300" - ATC REQUEST
4. TERMINAL ROUTES: ADDED SEGMENT "MUFFE/13.17 DME CCW IAF SKIVE/CVO 13.17 DME NOPT 13.17 DME ARC 4300" - ATC REQUEST
5. TERMINAL ROUTES: ADDED SEGMENT "WOUDS/13.17 DME CW IAF SKIVE/CVO 13.17 DME NOPT 13.17 DME ARC 4300" - ATC REQUEST
6. TERMINAL ROUTES: ADDED SEGMENT "SKIVE/CVO 13.17 DME IF/IAF SHAVD/CVO 8.38 DME 171.96 8.38 2800" - ATC REQUEST
7. TERMINAL ROUTES: ADDED SEGMENT "SHAVD/CVO 13.17 DME DRAPE/CVO 6.87 FAF DME 171.96 6.36 2400" - ATC REQUEST
8. MAP: CHANGED FROM "LOC: 6.67 NM AFTER LWG NDB OR AT CVO 0.26 DME" TO "6.63 NM AFTER DRAPE/CVO 6.87 DME OR AT CVO 0.26 DME" - LWG NDB REMOVED/NEW FAF FIX
9. ALTERNATE MISSED APPROACH: REMOVED ALTERNATE MISSED APPROACH - LWG NDB DECOMMISSIONING AND NO ALTERNATE MISSED REQUESTED BY ATC
10. PROFILE LINE 1: REMOVED PT - NAVAID DECOMMISSIONING
11. PROFILE LINE 2: ADDED: "HOLD SKIVE, RT, 171.96 INBOUND, 4300 FT. IN LIEU OF PT(IAF), MAX 4700 - ATC REQUESTED HOLD IN LIEU ENTRY
12. PROFILE LINE 3: CHANGED FAF FROM "LWG NDB/CVO 6.91 DME" TO "DRAPE/CVO 7.65 DME" - REDESIGNED FINAL, NEW FAF FIX
13. PROFILE LINE 4: CHANGED FROM "ZIKDO/CVO 8.13 DME 2800, LWG NDB/CVO 6.91 DME 2500" TO "SKIVE/CVO 13.17 DME 4300, SHAVD/CVO 8.38 DME 2800, DRAPE/CVO 6.87 DME 2400, COVOR/CVO 2.67 DME 1060" - REDESIGN PROCEDURE PER ATC AND ASSIGNED NEW FIXES
14. PROFILE LINE 6: REMOVED "MIN GS INCPT: 2800" AND CHANGED FROM "GS ALT AT ZIKDO/CVO 8.13 DME 2800" TO "GS ALT AT PFAF: DRAPE/CVO 6.87 DME 2400" - DESIGNED COINCIDENT FAF/PFAF AND RENAMED FAF
15. PROFILE LINE 8: MSA CHANGED FROM "LWG NDB 058-148 4900, 148-328 5300, 328-058 3900" TO "CVO VOR/DME 5300" - NEW CONTROLLING OBSTACLES/NEW MSA CENTER POINT FACILITY
16. EQUIPMENT REQUIREMENTS NOTES: REMOVED "ADF REQUIRED FOR PROCEDURE ENTRY" AND "ADF REQUIRED FOR LOC ONLY" AND ADDED "DME REQUIRED" - REMOVED NDB
17. NOTES: REMOVED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA" - PRIMARY ALTIMETER ON WMSCR
18. NOTES: ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MUFFE ON V23 SOUTH BOUND" AND "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WOUDS ON V287 SOUTH BOUND" - TURNS ARE GREATER THAN 120 DEGREES FROM AIRWAY TO IAF
19. NOTES: CHANGED CHART NOTE FROM "FOR INOPERATIVE ALS, INCREASE S-LOC 17 CAT C/D VISIBILITY TO 2 SM" TO "FOR INOPERATIVE ALS, INCREASE S-LOC 17 CAT C/D VISIBILITY TO 1 3/4 SM" - NEW VISIBILITY CALCULATION
20. ADDITIONAL FLIGHT DATA: REMOVED "CHART IN PLANVIEW (CFFSK) AT 444359N/1231506W." - REMOVED PT SEGMENT AND CNF FIX
21. ADDITIONAL FLIGHT DATA: REMOVED "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N LWG NDB, LT, 171.97 INBOUND" - LWG NDB DECOMMISSIONING/NO ALT MA REQUESTED BY ATC
22. ADDITIONAL FLIGHT DATA: CHANGED FROM "1040 AAO 443634/1231703W." TO "1080 AAO 443634N/1231704W." - NEW AAO EXEMPT OBSTACLE AT FAF
23. ADDITIONAL FLIGHT DATA: ADDED "CHART FAS OBST: 615 TREE (41-072273) 443233N/1231727W" - NEW FAS OBSTACLE
24. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART VDP AT 2.45 DME*, DISTANCE VDP TO THLD 2.20 NM, *LOC ONLY" TO "CHART VDP AT 2.09 DME, DISTANCE VDP TO THLD 1.84 NM" - NEW S-LOC MDA AND IAW 8260.191, 1-1-5. F (12).
25. ADDITIONAL FLIGHT DATA: ADDED "CHART CVO R-040 AT MUFFE, AND CHART CVO R-325 AT WOUDS" - ADDED IAF DME ARCS
26. ALTERNATE MINIMUMS: CHANGED FROM "ILS: STANDARD; LOC: STANDARD - CAT C 800-2 1/4, CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE." TO "ILS: STANDARD; LOC: STANDARD - CAT D 900-2 1/2" - NEW VISIBILITY CALCULATIONS/NO BACK-UP ALTIMETER
27. LANDING MINIMUMS: S-LOC 17 MDA/HAT CHANGED FROM ALL CATS "MDA 1000/HAT 752" TO ALL CATS "MDA 880/HAT 632" - NEW SURVEY/NEW CONTROLLING OBSTACLES
28. LANDING MINIMUMS: S-LOC 17 VISIBILITIES CHANGED FROM "CAT A 1/2 SM, CAT B 3/4 SM, CAT C/D 1 3/4 SM" TO "CAT A 1/2 SM, CAT B 1/2 SM CAT C/D 1 3/8 SM" - NEW VISIBILITY CALCULATIONS
29. LANDING MINIMUMS: CIRCLING MDA/HAA CHANGED FROM "CAT A/B/C MDA 1000/HAA 750" TO "CAT A/B MDA 880/HAA 630, CAT C MDA 920/HAA 670" - NEW S-LOC MDA
30. LANDING MINIMUMS: CIRCLING MDA/HAA CHANGED FROM "CAT D MDA 1080/HAA 830" TO "CAT D MDA 1060/HAA 810" - NEW CONTROLLING OBSTACLE
31. LANDING MINIMUMS: CIRCLING VISIBILITIES CHANGED FROM "CAT A 1 SM, CAT B 1 1/4 SM, CAT C 2 1/4 SM, CAT D 2 3/4 SM" TO "CAT A 1 SM, CAT B 1 SM, CAT C 1 3/4 SM, CAT D 2 1/2 SM" - NEW VISIBILITY CALCULATIONS
32. NOTES: ADDED "CHART NOTE: DME FROM CVO VOR/DME. DME USE REQUIRES SIMULTANEOUS RECEPTION OF I-CVO AND CVO DME." - DME IS NOT PAIRED WITH ILS (LOC IS 111.900 AND DME CHANNEL IS 101X)

01/27/2023: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 01/19/2023.

1. REPLACED THE FIX NAME "DRAPE/CVO 6.87 DME" WITH THE FIX NAME "ACVOL/CVO 6.87 DME" ALL LOCATIONS.



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZSE, CASCADE APP CON, AMGR

FLIGHT CHECKED BY
TROY ELLEN DEVINE

Digitally signed by
CASIMIR L TABAKA
Feb 01, 2023

OFFICE
FIOG

DATE
01/11/2023

DEVELOPED BY
APRIL SARMENTO

Digitally signed by
CASIMIR L TABAKA
Feb 01, 2023

OFFICE
AJV-A432

DATE
09/14/2022

APPROVED BY
JOHNNIE BAKER

Digitally signed by
CASIMIR L TABAKA
Feb 01, 2023

OFFICE
AJV-A430

DATE

TITLE
MANAGER

