

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
VOR STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.23**

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> KALW	<u>PROCEDURE NAME</u> VOR RWY 20	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> WALLA WALLA	<u>STATE</u> WA		
<u>AIRPORT ELEVATION</u> 1194	<u>TDZE</u> 1194	<u>SUPERSEDED</u> VOR RWY 20	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 04/30/2015	<u>MAG VAR</u> 14E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> ALW	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 SEPTEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> 09/08/2022	<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>
ALW VOR/DME		TRINA LOM/ALW 6.66 DME	FAF/IAF				023.01	6.66	5200
BUTOC/ALW 15.02 DME CW	IAF	HODIM/ALW 15.02 DME	NOPT				15.02 DME ARC		3800
HODIM/ALW 15.02 DME	IF	TRINA LOM/ALW 6.66 DME					203.01	8.36 (ALW R-023)	3200

**MISSED APPROACH**

**MAP:**

ALW VOR/DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2300 THEN CLIMBING RIGHT TURN TO 5100 DIRECT TRINA LOM/ALW 6.66 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5100

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT L SIDE OF COURSE 023.01 OUTBOUND 4900 FT WITHIN 10 MILES OF TRINA LOM (IAF)
- 2.
3. FAC: 203.01 FAF: TRINA LOM/ALW 6.66 DME DIST FAF TO MAP: DIST FAF TO THLD: 5.65
4. MIN ALT: TRINA LOM/ALW 6.66 DME 3200, JOSBO/ALW 4.00 DME 2140\*
8. MSA FROM: ALW VOR/DME 001-181 7600, 181-271 5000, 271-001 3500

**EQUIPMENT REQUIREMENTS NOTES:**

ADF REQUIRED.

**NOTES:**

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
\*2260 WHEN USING PENDLETON ALTIMETER SETTING.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE JOSBO FIX MINIMUMS S-20 CATS C/D VISIBILITY TO 1 5/8 SM



**ADDITIONAL FLIGHT DATA:**  
HOLD NE, RT, 203.01 INBOUND.  
CHART FAS OBST: 1499 TREE 460811N/1181452W.  
CHART 1800 POLE 460836N/1181330W.  
CHART VDP AT 2.63 DME  
DISTANCE VDP TO THLD 1.61 NM.  
CHART ALW R-008 AT BUTOC.  
FAC 399 FT R OF RWY C/L EXTENDED 3000 FT FROM THLD.  
CHART CIRCLING ICON.  
TRINA LOM TO RW20: 3.26/50.

**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
S-20	2140	4000	946	2140	4000	946	2140	2	946	2140	2	946			
CIRCLING	2140	1 1/4	946	2140	1 1/4	946	2140	2 3/4	946	2300	3	1106			
JOSBO FIX MINIMUMS (DME REQUIRED)															
S-20	1760	2400	566	1760	2400	566	1760	1 1/4	566	1760	1 1/4	566			
CIRCLING	1760	1	566	1820	1	626	2120	2 3/4	926	2300	3	1106			



**CHANGES - REASONS**

1. AMENDED MAGVAR FROM "20E" TO "14E" AND EPOCH YEAR FROM "1980" TO "2025" - ALW MAGVAR UPDATED TO 14E AND 8260.19 8-6-2 K (MAGVAR) AND L (EPOCH YEAR)
2. AMENDED TERMINAL ROUTE FEEDER SEGMENT ALW VOR/DME TO TRINA LOM COURSE FROM "017.01" TO "023.01" - ALW VOR/DME MAGVAR UPDATED TO 14E
3. AMENDED TERMINAL ROUTE INTERMEDIATE SEGMENT HODIM TO TRINA LOM COURSE FROM "197.01" TO "203.01" AND DISTANCE FROM "8.36 (ALW R-197)" TO "8.36 (ALW R-023)" - CORRECTING THE WALLA WALLA (ALW) VOR/DME RADIAL USED AND ALW VOR/DME MAGVAR UPDATED TO 14E
4. AMENDED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 2300 THEN CLIMBING RIGHT TURN TO 4000 DIRECT TRINA LOM AND HOLD, OR AS DIRECTED BY ATC" TO "CLIMB TO 2300 THEN CLIMBING RIGHT TURN TO 5100 DIRECT TRINA LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5100" - REMOVED "OR AS DIRECTED BY ATC" AND NEW HOLDING LEVEL SURFACE CONTROLLING OBSTACLE IDENTIFIED INCREASING HOLDING ALTITUDE; COORDINATED WITH FPT/ATC
5. DELETED ALTERNATE MISSED APPROACH INSTRUCTIONS - UNABLE TO BUILD AND EVALUATE SAFELY AS PUBLISHED; WFPT NOTIFIED AND CONCURRED
6. AMENDED PROFILE LINE 1 FROM HEADING "017.01 OUTBOUND" TO "023.01 OUTBOUND" - ALW MAGVAR UPDATED TO 14E AND 8260.19I 8-6-7 A
7. AMENDED PROFILE LINE 3 FROM "FAC: 197.01" TO "FAC: 203.01" - ALW VOR/DME MAGVAR UPDATED TO 14E AND 8260.19I 8-6-7 C(1)(C)
8. AMENDED PROFILE LINE 4 FROM "JOSBO/ALW 4.00 DME 2120\*" TO "JOSBO/ALW 4.00 DME 2140\*" - ALTITUDE INCREASED TO MAINTAIN PUBLISHED SD FIX MINIMUMS FOR 1800 POLE (53-030196) WHICH REQUIRES 2138.53 MIN FIX ALT
9. AMENDED PROFILE LINE 8 FROM ALW VOR/DME 175-265 5000, 265-355 3500, 355-175 7600" TO "ALW VOR/DME 001-181 7600, 181-271 5000, 271-001 3500" - ALW VOR/DME MAGVAR UPDATED TO 14E
10. AMENDED EQUIPMENT REQUIREMENTS NOTES TO ADD "ADF REQUIRED" AND DELETED "CHART NOTE: ADF REQUIRED" FROM NOTES AND "CHART PLANVIEW NOTE: ADF OR DME REQUIRED" FROM ADDITIONAL FLIGHT DATA - AMENDED AND RELOCATED IAW 8260.19I 8-6-8 A(1)(C) AND ATTACHMENT 4 - CRITERIA CLARIFICATION, ATTACHMENT 4, #2(B) OF THE IMPLEMENTATION MEMO FOR FAA ORDER 8260.19I - FLIGHT PROCEDURES AND AIRSPACE DATED JUNE 29, 2020
11. AMENDED NOTES FROM "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT" TO "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - UPDATED TO CURRENT FORMAT IAW 8260.19I 8-6-9 M(2)
12. AMENDED NOTES TO DELETE "CHART NOTE: VDP NA WITH PENDLETON ALTIMETER SETTING" - RELOCATED TO FORM 8260-9 FOR CONTINGENCY PURPOSES
13. AMENDED NOTES TO DELETE "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PENDLETON ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET. INCREASE S-20 VISIBILITY CAT B 1/4 MILE, CAT C AND D 1/2 MILE. INCREASE JOSBO FIX MINIMUMS S-20 VISIBILITY CAT C AND D 1/4 MILE, CIRCLING VISIBILITY CAT A AND C 1/4 MILE, AND CAT B 1/2 MILE" - RELOCATED TO FORM 8260-9 FOR CONTINGENCY PURPOSES
14. AMENDED NOTES FROM "CHART PROFILE NOTE: \*2240 WHEN USING PENDLETON ALTIMETER SETTING" TO "\*2260 WHEN USING PENDLETON ALTIMETER SETTING" - AMENDED AND ASSOCIATED WITH PROFILE LINE 4 IAW 8260.19I 8-6-7 D(6)(B)
15. AMENDED ADDITIONAL FLIGHT DATA TO DELETE "2080 AAO 460934N/1181040W" AND "1860 AAO 460841N/1181325W" - NO LONGER NEEDED
16. AMENDED ADDITIONAL FLIGHT DATA TO ADD "CHART 1800 POLE (53-030196) 460836N/1181330W" - 8260.19 8-6-10 E(1)
17. AMENDED ADDITIONAL FLIGHT DATA FROM "HOLD N, RT, 197.01 INBOUND" TO "HOLD NE, RT, 203.01 INBOUND" - ALW NDB MAGVAR UPDATED TO 14E AND 8260.19I 8-6-10 B(1)
18. AMENDED ADDITIONAL FLIGHT DATA TO DELETE "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD ALW VOR/DME, LT, 014.91 INBOUND" - ALTERNATE MA INSTRUCTIONS DELETED
19. AMENDED ADDITIONAL FLIGHT DATA FROM "FAC 398 FT R OF C/L EXTENDED 3000 FROM THLD" TO "FAC 399 FT R OF C/L EXTENDED 3000 FROM THLD" - DISTANCE CHANGED AND IAW 8260.19I 8-6-10 G(2)
20. AMENDED ADDITIONAL FLIGHT DATA FROM "CHART ALW R-002 TO BUTOC" TO "CHART ALW R-008 AT BUTOC" - ALW VOR/DME MAGVAR UPDATED TO 14E AND 8260.19I 8-6-10 Q
21. AMENDED ALTERNATE MINIMUMS FROM "CAT A, B 100-2, CAT C 1000-3, CAT D 1100-3" TO "NA" - ALW NDB UNMONITORED IAW 8260.19I 2-4-7 B
22. AMENDED S-20 MINIMUMS FROM "MDA 2120/HAT 926" TO "MDA 2140/HAT 946" - INCREASED TO CROSS 7:1 EXCLUDED OBSTACLE 1800 POLE (53-030196) AND RETAIN JOSBO FIX MINIMUMS
23. INCREASED CIRCLING CATS A/B/C MINIMUMS FROM "MDA 2120/HAA 926" TO "MDA 2140/HAA 946" - INCREASED TO MATCH S-20 STRAIGHT-IN MINIMUMS
24. AMENDED CIRCLING CAT C VISIBILITY FROM "3" TO "2 3/4" - IAW 8260.3E TABLE 3-3-7
25. AMENDED JOSBO FIX MINIMUMS CIRCLING CAT C MINIMUMS FROM "MDA 2080/HAA 886" TO "MDA 2120/HAA 926" - NEW CIRCLING CAT C CONTROLLING OBSTACLE
26. AMENDED CIRCLING CAT D AND JOSBO FIX MINIMUMS CIRCLING CAT D MINIMUMS FROM "MDA 2240/HAA 1046" TO "MDA 2300/HAA 1106" - NEW CIRCLING CAT D CONTROLLING OBSTACLE

**COORDINATED WITH:**

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

**FLIGHT CHECKED BY**

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE  
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

*Digitally signed by*

**DEVELOPED BY**

KELLY CARLSON

**KELLY J CARLSON**

Jul 05, 2022

**APPROVED BY**

MARK ADAMS

*Digitally signed by*

**MARK D ADAMS**

Jul 25, 2022

**OFFICE****OFFICE**

AJV-A412

**OFFICE**

AJV-A412

**DATE****DATE**

04/12/2022

**DATE**

**TITLE**  
MANAGER

QUALITY  
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CHECKED