

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> KALW	<u>PROCEDURE NAME</u> ILS OR LOC RWY 20	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> WALLA WALLA	<u>STATE</u> WA		
<u>AIRPORT ELEVATION</u> 1194	<u>TDZE</u> 1194	<u>SUPERSEDED</u> ILS Z OR LOC/DME RWY 20	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 11/13/2014	<u>MAG VAR</u> 14E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> I-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>
RENGO/MQG 40.63 DME		HOLOW INT/ALW 17.82 DME					246.46	8.04 (MQG R-246)	6200
HOLOW INT/ALW 17.82 DME	IAF	RIRRO/ALW 12.32 DME					202.18	5.51 (I-ALW)	4600
BUTOC/PSC 40.00 DME	IAF	RIRRO/ALW 12.32 DME					117.00 & 202.19	3.90 (HDG) & 1.98 (I-ALW)	4600
RIRRO/ALW 12.32 DME	IF	ZALBI/ALW 8.72 DME					202.19	3.60 (I-ALW)	3600
ZALBI/ALW 8.72 DME		COSUV/ALW 7.16 DME					202.19	1.56 (I-ALW)	3200

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: ALW 1.02 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 346 AND ALW VOR/DME R-314 TO BACUN INT/ALW 15.36 DME AND HOLD

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 356 AND PSC VOR/DME R-070 TO BUTOC/PSC 40.00 DME AND HOLD, CONTINUE CLIMB IN HOLD TO 5000



PROFILE:

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

2. PROFILE STARTS AT RIRRO

3. FAC: 202.19                      FAF: COSUV/ALW 7.16 DME                      DIST FAF TO MAP:                      DIST FAF TO THLD: 6.14

4. MIN ALT:                      RIRRO/ALW 12.32 DME 4600, ZALBI/ALW 8.72 DME 3600, COSUV/ALW 7.16 DME 3200, HIVOP/ALW 4.03 DME 2400

5. DIST TO THLD FROM FAF: 6.14                      MM:                      IM:                      150 HAT:                      GS ANT: 1050

6. MIN GS INCPT: 3200                      GS ALT AT PFAF : COSUV/ALW 7.16 DME 3200                      OM:                      MM:                      IM:

7. GS ANGLE: 3.00                      34:1:                      20:1:                      TCH: 49.9

8. MSA FROM: ALW VOR/DME 001-181 7600, 181-271 5000, 271-001 3500

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: DME FROM ALW VOR/DME. SIMULTANEOUS RECEPTION OF I-ALW AND ALW VOR/DME DME REQUIRED.  
CHART NOTE: # RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING PENDLETON ALTIMETER SETTING)  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 20 CAT C/D VISIBILITY TO 2 1/2 SM

ADDITIONAL FLIGHT DATA:

CHART AL LOM IN HALF-TONE  
HOLD NW, RT, 134.26 INBOUND.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W BUTOC/PSC 40.00 DME, RT, 070.30 INBOUND.  
CHART FAS OBST: 1719 TREE 460821N/1181338W.  
CHART 1800 POLE 460836N/1181330W.  
CHART VDP AT 3.31 DME  
DISTANCE VDP TO THLD 2.30 NM.  
CHART IN PLANVIEW: BUTOC/PSC 40.00 DME.  
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA    ☐

ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT C 1000-2 3/4, CAT D 1200-3, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

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-ILS 20#	1394	2400	200	1394	2400	200	1394	2400	200	1394	2400	200			
S-LOC 20	1980	2400	786	1980	4000	786	1980	1 3/4	786	1980	1 3/4	786			
CIRCLING	1980	1	786	1980	1 1/4	786	2120	2 3/4	926	2300	3	1106			



CHANGES - REASONS

1. AMENDED PROCEDURE NAME FROM "ILS Z OR LOC/DME RWY 20" TO "ILS OR LOC RWY 20" - ASSOCIATED "Y" PROCEDURE CANCELLED AND REMOVED /DME IAW 8260.3D 1-6-2 A
2. AMENDED MAGVAR FROM "20E" TO "14E" AND EPOCH YEAR FROM "1980" TO "2025" - I-ALW MAGVAR UPDATED TO 14E AND 8260.19 8-6-2 K (MAGVAR) AND L (EPOCH YEAR)
3. AMENDED TERMINAL ROUTE SEGMENT FEEDER SEGMENT POINT FROM "RENGO INT/MQG 40.63 DME" TO "RENGO/MQG 40.63 DME" - FIX WAS NOT AN INTERSECTION FIX
4. AMENDED TERMINAL ROUTE INITIAL SEGMENT HOLOW TO RIRRO HEADING FROM "196.18" TO "202.18" - I-ALW MAGVAR UPDATED TO 14E
5. AMENDED TERMINAL ROUTE IAF SEGMENT BUTOC TO RIRRO SECOND HEADING FROM "196.19" TO "202.19" - I-ALW MAGVAR UPDATED TO 14E
6. AMENDED TERMINAL ROUTE INTERMEDIATE SEGMENT RIRRO TO ZALBI HEADING FROM 196.19" TO "202.19" - I-ALW VOR/DME MAGVAR UPDATED TO 14E
7. AMENDED INTERMEDIATE SD SEGMENT ZALBI TO COVUS HEADING FROM "196.19" TO" 202.19" - I-ALW MAGVAR UPDATED TO 14E
8. AMENDED PRIMARY MA FROM "CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 4000 HEADING 340 AND ALW VOR/DME R-308 TO BACUN INT/ALW 15.36 DME AND HOLD, OR AS DIRECTED BY ATC," TO "CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 4000 HEADING 346 AND ALW VOR/DME R-314 TO BACUN INT/ALW 15.36 DME AND HOLD" - AMENDED TO CURRENT FORMAT
9. AMENDED ALTERNATE MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 4600 ON HEADING 350 AND PSC VOR/DME R-070 TO BUTOC/PSC 40 DME AND HOLD" TO "CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 356 AND PSC VOR/DME R-070 TO BUTOC/PSC 40 DME AND HOLD, CONTINUE CLIMB IN HOLD TO 5000" - NEW CLIMB-IN-HOLD LEVEL SURFACE OBSTACLE. FPT/ATC NOTIFIED
10. AMENDED PROFILE LINE 2 FROM "FAC: 196.19" TO "202.19" - UPDATED I-ALW MAGVAR TO 14E AND 8260.19I 8-6-7 C(1)(A)
11. AMENDED PROFILE LINE 5 TO ADD "DIST TO THLD FROM FAF: 6.14" - 8260.19I 8-6-7 E
12. AMENDED PROFILE LINE 8 FROM "ALW VOR/DME 355-175 7600, 175-265 5000, 265-355 3500" TO "ALW VOR/DME 001-181 7600, 181-271 5000, 271-001 3500" - UPDATED ALW VOR/DME MAGVAR TO 14E AND 8260.19I 8-6-7 H(2)
13. AMENDED EQUIPMENT REQUIREMENTS NOTES TO ADD "DME REQUIRED" AND DELETED IT FROM NOTES - RELOCATED IAW 8260.19I 8-6-8 A(2)(A)
14. AMENDED NOTES TO DELETE "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PENDLETON ALTIMETER SETTING AND INCREASE ALL DA AND ALL MDA 120 FEET, INCREASE S-ILS 20 VISIBILITY TO RVR 3200, INCREASE S-LOC 20 CAT A VISIBILITY 3/8 MILE, CAT C AND D VISIBILITY 1/4 MILE AND CIRCLING CAT A AND C/D VISIBILITY 1/4 MILE", "CHART NOTE: VDP NA WHEN USING PENDLETON ALTIMETER SETTING", AND "CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING PENDLETON ALTIMETER SETTING, INCREASE S-ILS 20 ALL CATS VISIBILITY TO 5000 RVR" - RELOCATED TO FORM 8260-9 FOR CONTINGENCY PURPOSES
15. AMENDED NOTE FROM "CHART NOTE: # RVR 1800 AUTHORIZED WITH USE OF FD OR HUD TO DA" TO "CHART NOTE: # RVR 1800 AUTHORIZED WITH USE OF FD OR HUD TO DA (NA WHEN USING PENDLETON ALTIMETER SETTING)" - ADDED IAW 8260.19I 8-6-11 K(1)
16. AMENDED NOTE FROM "CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 20 CAT C/D VISIBILITY 3/4 MILE" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC CAT C/D VISIBILITY TO 2 1/2 SM" - 8260.19I 8-6-11 O(3)(D)
17. AMENDED ADDITIONAL FLIGHT DATA TO DELETE "CHART ALW R-016 AT HOLOW" - NO LONGER NEEDED
18. AMENDED ADDITIONAL FLIGHT DATA FROM "CHART VDP AT 3.31 DME\*" TO DELETED ASTERISK AND "\*"LOC ONLY" - DELETED IAW 8260.19I 1-1-5 F(12)
19. AMENDED ADDITIONAL FLIGHT DATA FROM "2050 AAO 461034N/1181023W" AND "1806 AAO 460844N/1181354W" TO "CHART 1800 POLE 460836N/1181338W" - NEW FINAL 7:1 OBSTACLE IDENTIFIED AND 8260.19I 8-6-10 E(1)
20. AMENDED ADDITIONAL FLIGHT DATA TO DELETE "CHART (CFFNW) AT INTERSECTION OF BUTOC DR LEG AND INTERMEDIATE COURSE" - NOTE NO LONGER NEEDED IAW 8260.19I 2-10-4 A(4)
21. AMENDED ALTERNATE MINIMUMS FROM "ILS: CAT A, B 8002, CAT C 1000-2 3/4, CAT D 1200-3", "LOC: STANDARD - CAT C 1000-2 3/4, CAT D 1200-3", AND "# @ NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE, LOC: STANDARD - CAT C 1000-2 3/4, CAT D 1200-3 - NA WHEN LOCAL WEATHER NOT AVAILABLE" - UPDATED TO CURRENT FORMAT IAW 8260.19I 8-6-11 B(6) AND ATTACHMENT 4 - CRITERIA CLARIFICATION, 5(B)(1) OF THE IMPLEMENTATION MEMO FOR FAA ORDER 8260.19I - FLIGHT PROCEDURES AND AIRSPACE DATED JUNE 29, 2020

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

OFFICE

DATE

DEVELOPED BY

KELLY J CARLSON

Jul 05, 2022

MARK D ADAMS

Jul 26, 2022

OFFICE

AJV-A412

DATE

04/08/2022

APPROVED BY

MARK ADAMS

Digitally signed by

MARK D ADAMS

Jul 25, 2022

OFFICE

AJV-A412

DATE

TITLE

MANAGER

