

**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> CLM	<u>PROCEDURE NAME</u> ILS OR LOC RWY 9	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> PORT ANGELES	<u>STATE</u> WA
<u>AIRPORT ELEVATION</u> 291	<u>TDZE</u> 285	<u>SUPERSEDED</u> ILS OR LOC RWY 9	<u>ORIGINAL/AMENDMENT</u> 3B	<u>DATED</u> 01/25/2024
<u>FACILITY</u> I-CLM	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 APRIL 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 16E
				<u>EPOCH YEAR</u> 2020
				<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>
JIGEB		YUCSU/I-CLM 17.51 DME		TF	FO	1.00	250.19	35.47	4700
WATTR		YUCSU/I-CLM 17.51 DME		TF	FO	1.00	258.77	38.92	4700
TOU VORTAC	IAF	YUCSU/TOU 29.63 DME	NOPT				080.71 (TOU)	29.63	4700
YUCSU/I-CLM 17.51 DME	IF/IAF	HUTUK/I-CLM 13.14 DME					088.57 (I-CLM)	4.37	3800
HUTUK/I-CLM 13.14 DME		OCUVI/I-CLM 11.03 DME					088.57 (I-CLM)	2.11	3200
OCUVI/I-CLM 11.03 DME		SESCO/I-CLM 7.26 DME					088.57 (I-CLM)	3.77	2300

MISSED APPROACH

MAP:

ILS: DA
LOC: 6.16 NM AFTER SESCO/I-CLM 7.26 DME OR AT I-CLM 1.10 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 5400 ON HEADING 030 AND CVV VOR/DME R-247 TO JIGEB/CVV 12.10 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5400.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- HOLD W YUCSU/I-CLM 17.51 DME, LT, 088.57 INBOUND, 4700 FT. IN LIEU OF PT (IAF), MAX 10000.
- FAC:** 088.57 **FAF:** SESCO/I-CLM 7.26 DME **DIST FAF TO MAP:** 6.16 **DIST FAF TO THLD:** 6.16
- MIN ALT:** YUCSU/I-CLM 17.51 DME 4700, HUTUK/I-CLM 13.14 DME 3800, OCUVI/I-CLM 11.03 DME 3200, SESCO/I-CLM 7.26 DME 2300, RESSY/I-CLM 3.99 DME 1260
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 1024
- MIN GS INCPT:** 2300 **GS ALT AT PFAF:** SESCO/I-CLM 7.26 DME 2300 **OM:** **MM:** **IM:**
- GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 54.2
- MSA FROM:** ARP KCLM 9200



PBN REQUIREMENTS NOTE:

RNAV 1 - GPS. FROM JIGEB OR WATTR.

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA S OF RWY 9-27.

CHART NOTE: CIRCLING RWY 13, 31 NA AT NIGHT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JIGEB ON T487 SOUTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WATTR ON T268 EASTBOUND AND T487 SOUTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TOU VORTAC ON V4 WESTBOUND AND T268 SOUTHWEST BOUND.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS-9 VISIBILITY TO 7/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 067.42 INBOUND.

CHART FAS OBST: 421 TREE (53-058619) 480716N/1233149W.

CHART 624 TERRAIN (53-066693) 480742N/1233545W.

CHART CYR 109 AND CYA 102.

CHART VDP AT 2.29 DME.

DISTANCE VDP TO THLD 1.19 NM.

CHART CIRCLING ICON.

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 800-2 1/4, 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
S-ILS 09	495	1/2	210	495	1/2	210	495	1/2	210	495	1/2	210			
S-LOC 09	720	1/2	435	720	1/2	435	720	3/4	435	720	3/4	435			
CIRCLING	800	1	509	800	1	509	800	1 1/2	509	1000	2 1/4	709			

CHANGES - REASONS

1. TERMINAL ROUTES: DELETED 3 FEEDER SEGMENTS CVV VOR/DME TO ELWHA LOM, JIGEB TO ELWHA LOM, AND ELWHA LOM TO YUCSU - DECOMMISSION OF ELWHA LOM AND PROCEDURE REDESIGN, PER FPT.
2. TERMINAL ROUTES: ADDED 2 NEW RNAV FEEDER SEGMENTS JIGEB TO YUCSU AND WATTR TO YUCSU - PROCEDURE REDESIGN WITH PBN TRANSITIONS, PER FPT.
3. TERMINAL ROUTES: INITIAL SEGMENT FROM TOU VORTAC TO YUCSU, SPECIFIED COURSE GUIDANCE FROM TOU - TO CLARIFY COURSE GUIDANCE USED.
4. TERMINAL ROUTES: INTERMEDIATE SEGMENT FROM YUCSU TO HUTUK, CHANGED BOTH FIX MAKE-UPS FROM TOU DME TO I-CLM DME, AND INCREASED MINIMUM ALTITUDE FROM 3600 TO 3800 - ADDITION OF NEW I-CLM DME, AND NEW OBSTACLE AND PRECIPITOUS TERRAIN EVALUATION.
5. TERMINAL ROUTES: INTERMEDIATE SEGMENT FROM HUTUK TO OCUVI, CHANGED BOTH FIX MAKE-UPS FROM TOU DME TO I-CLM DME, DELETED PFAF FROM FIX TYPE, AND LOWERED MINIMUM ALTITUDE FROM 3500 TO 3200 - ADDITION OF NEW I-CLM DME, NEW COMBINED PFAF/FAF SESCO, AND TO MEET DESCENT GRADIENT REQUIREMENTS IN ALL INTERMEDIATE SEGMENTS.
6. TERMINAL ROUTES: INTERMEDIATE SEGMENT FROM OCUVI, CHANGED OCUVI FIX MAKE-UP FROM TOU DME TO I-CLM DME, CHANGED "TO" POINT FROM ELWHA LOM TO SESCO, CHANGED DISTANCE FROM 3.31 TO 3.77 NM, AND LOWERED MINIMUM ALTITUDE FROM 2500 TO 2300 - NEW COMBINED PFAF/FAF SESCO.
7. MISSED APPROACH: CHANGED LOC MAP IDENTIFIER FROM "6.62 NM AFTER ELWHA LOM" TO "6.16 NM AFTER SESCO/7.26 DME OR AT I-CLM 1.10 DME" - NEW FAF SESCO AND ADDITION OF NEW I-CLM DME.
8. DELETED ALTERNATE MISSED APPROACH - LOSS OF COURSE GUIDANCE FROM DECOMMISSION OF ELWHA LOM, AND LACK OF OTHER SUITABLE FACILITIES.
9. PROFILE LINE 2: ADDED YUCSU FIX MAKE-UP I-CLM 17.51 DME - NEW FIX MAKE-UP WITH NEW I-CLM DME.
10. PROFILE LINE 3: CHANGED FAF FROM ELWHA LOM TO SESCO, DELETED PFAF OCUVI, CHANGED DIST FAF TO MAP FROM 6.62 TO 6.16, AND CHANGED DIST FAF TO THLD FROM 6.62 TO 6.16 - NEW COMBINED FAF/PFAF SESCO.
11. PROFILE LINE 4: INCREASED MINIMUM ALTITUDE AT HUTUK FROM 3600 TO 3800, DECREASED MINIMUM ALTITUDE AT OCUVI FROM 3500 TO 3200, DELETED ELWHA LOM, ADDED NEW FAF SESCO, AND ADDED NEW FINAL SDF RESSY - NEW OBSTACLE EVALUATION, REPLACED FAF ELWHA LOM WITH SESCO, AND ADDED NEW FINAL STEPDOWN FIX RESSY.
12. PROFILE LINE 5: DELETED DIST TO THLD FROM OM 6.62 - DECOMMISSION OF ELWHA LOM.
13. PROFILE LINE 6: CHANGED MIN GS INCPT FROM 3500 TO 2300, CHANGED GS ALT AT PFAF FROM "OCUVI 3500" TO "SESCO 2300", AND DELETED GS ALT AT OM 2483 - DECOMMISSION OF ELWHA LOM AND NEW PFAF SESCO.
14. PROFILE LINE 8: CHANGED MSA FROM "ELWHA LOM 075-240 9000, 240-345 4900, 345-075 3800" TO "ARP KCLM 9200" - DECOMMISSION OF ELWHA LOM AND LACK OF OTHER SUITABLE FACILITIES.
15. PBN REQUIREMENTS NOTE: ADDED "RNAV 1 - GPS. FROM JIGEB OR WATTR" - ADDITION OF PBN TRANSITIONS WITH RNAV FEEDERS FROM JIGEB AND WATTR.
16. EQUIPMENT REQUIREMENTS NOTES: DELETED "ADF REQUIRED FOR LOC ONLY" AND "ADF REQUIRED FOR PROCEDURE ENTRY AT JIGEB AND CVV VOR/DME" - DECOMMISSION OF ELWHA LOM AND DELETION OF CONVENTIONAL FEEDER SEGMENTS.
17. NOTES: ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JIGEB ON T487 SOUTHEAST BOUND" - LIMIT TURN TO 90 DEGREES AT JIGEB FROM NEW AIRWAY T487.
18. NOTES: ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WATTR ON T268 EASTBOUND AND T487 SOUTHEAST BOUND" - LIMIT TURN TO 90 DEGREES AT WATTR FROM T268 AND NEW AIRWAY T487.
19. NOTES: CHANGED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TOU VORTAC ON V4 WESTBOUND" TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TOU VORTAC ON V4 WESTBOUND AND T268 SOUTHWEST BOUND" - LIMIT TURN TO 120 DEGREES AT TOU VORTAC FROM T268, AS WELL AS V4.
20. NOTES: DELETED "CHART NOTE: DME FROM TOU VORTAC. SIMULTANEOUS RECEPTION OF I-CLM AND TOU DME REQUIRED" - NO LONGER REQUIRED WITH ADDITION OF NEW I-CLM DME.
21. NOTES: CHANGED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC-9 CAT C/D VISIBILITY TO 1 3/4 SM" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS-9 VISIBILITY TO 7/8 SM" - LOWER LOC MDA AND NEW VISIBILITY EVALUATION.
22. ADDITIONAL FLIGHT DATA: DELETED "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW WATTR INT/49.38 DME, RT, 130.08 INBOUND" AND "CHART IN PLANVIEW: WATTR INT/49.38 DME" - DELETION OF ALTERNATE MISSED APPROACH PROCEDURE.
23. ADDITIONAL FLIGHT DATA: REPLACED "FAS OBST: 600 AAO 480743N/1233548W" WITH "CHART FAS OBST: 421 TREE (53-058619) 480716N/1233149W" - NEW LOC FINAL CONTROLLING OBSTACLE.
24. ADDITIONAL FLIGHT DATA: DELETED "1250 AAO 480900N/1234012W" - AAO 7:1 OBSTACLES NO LONGER DOCUMENTED IN ADDITIONAL FLIGHT DATA OR CHARTED.
25. ADDITIONAL FLIGHT DATA: ADDED "CHART 624 TERRAIN (53-066693) 480742N/1233545W" - NEW 7:1 OBSTACLE ON FINAL STEPDOWN SEGMENT AT RESSI.
26. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 2.29 DME" AND "DISTANCE VDP TO THLD 1.19 NM" - ADDITION OF NEW I-CLM DME ALLOWS CHARTING OF VDP.
27. ADDED ALTERNATE MINIMUMS - FINAL FACILITY I-CLM ILS NOW HAS 24-HOUR REMOTE MONITORING (CAT I).
28. MINIMUMS: LOWERED S-ILS 9 DA/HAT FROM 496/211 TO 495/210 - NEW OBSTACLE EVAL AND PER FPT REQUEST.
29. MINIMUMS: LOWERED S-LOC 9 MDA/HAT FROM 900/615 TO 720/435 - ADDITION OF FINAL STEPDOWN FIX AND NEW OBSTACLE EVAL.
30. MINIMUMS: LOWERED S-LOC 9 VISIBILITY CAT C/D FROM 1 3/8 TO 3/4 SM - LOWER LOC MDA AND NEW VISIBILITY EVAL.
31. MINIMUMS: LOWERED CIRCLING MDA/HAA CAT A/B/C FROM 900/609 TO 800/509 - LOWER LOC MDA.
32. MINIMUMS: LOWERED CIRCLING VISIBILITY CAT C FROM 1 3/4 TO 1 1/2 - LOWER CAT C MDA/HAA AND NEW VISIBILITY EVALUATION.

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZSE, SEA FSS, NUW APP CON, AMGR

FLIGHT CHECKED BY

THOMAS E MOLOKIE

Digitally signed by

RAKE MCGRAW

Feb 24, 2025

OFFICE

AJF

DATE

01/14/2025

DEVELOPED BY

RICHARD BRUCE

Digitally signed by

RICHARD A BRUCE

Dec 04, 2024

OFFICE

AJV-A422

DATE

12/04/2024

APPROVED BY

BEV L BORDY

Digitally signed by

RAKE MCGRAW

Feb 24, 2025

OFFICE

AJV-A420

DATE

TITLE

MANAGER

