

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> LMT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> KLAMATH FALLS	<u>STATE</u> OR
<u>AIRPORT ELEVATION</u> 4095	<u>TDZE</u> 4091	<u>SUPERSEDED</u> RNAV (GPS) RWY 14	<u>DATED</u> 07/21/2016	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 OCTOBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 14E <u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MIXUP	IAF	SUCOT		TF	FB	1.00	127.46	9.77	8400
SPRAG	IAF	SUCOT		TF	FB	1.00	213.59	12.46	8400
SUCOT	IF	PIMTE		TF	FB	1.00	144.14	5.94	7000
PIMTE	FAF	BOPHI/7.24 NM TO RW14		TF	FB	0.30	144.17	1.17	
BOPHI/7.24 NM TO RW14		FUFPO/4.71 NM TO RW14		TF	FB	0.30	144.17	2.53	
FUFPO/4.71 NM TO RW14		RW14	MAP	TF	FO	0.30	144.17	4.71	
RW14	MAP	4495 MSL		CA			144.17		
4495 MSL		HAXIG		DF	FB	1.00			
HAXIG		MUREX		TF	FO	1.00	170.85	14.30	9400

MISSED APPROACH

MAP:

LPV: DA
LNAV: RW14

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 9400 DIRECT HAXIG AND TRACK 170.85 TO MUREX AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9400.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. PROFILE STARTS AT SUCOT
3. FAC: 144.17

FAF: PIMTE

DIST FAF TO MAP: 8.40

DIST FAF TO THLD: 8.40
4. MIN ALT: SUCOT 8400, PIMTE 7000, BOPHI/7.24 NM TO RW14 6600, FUFPO/4.71 NM TO RW14 5740
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

558 HAT: 1.48

GS ANT:
6. MIN GP INCPT: 7000

GP ALT AT PFAF: PIMTE 7000

OM:

MM:

IM:
7. GP ANGLE: 3.20

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 53.1
8. MSA FROM: RW14 9500



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CATS C AND D VISIBILITY TO 2 1/2 SM.
CHART NOTE: CIRCLING NA FOR CAT D NE OF RWY 14-32.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MIXUP ON V452 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SPRAG ON V25 NORTHBOUND.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 344.00 INBOUND.
FAS OBST: 4538 AAO 421342N/1214527W.
5689 AAO 421730N/1214700W, 5017 AAO 421454N/1214606W.
CHART VDP AT 2.27 NM TO RW14.
WAAS CHANNEL # 58001
REFERENCE PATH ID: W14A
LTP HAE: 1224.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B 900-2, CAT C 1400-3, CAT D 1600-3

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	4650	1 3/8	559	4650	1 3/8	559	4650	1 3/8	559	4650	1 3/8	559			
LNAV MDA	4920	3/4	829	4920	1	829	4920	2	829	4920	2	829			
CIRCLING	4920	1 1/4	825	4980	1 1/4	885	5420	3	1325	5680	3	1585			



CHANGES - REASONS

1. TERMINAL ROUTES: CHANGED INITIAL SEGMENT NAME / COURSE / DISTANCE / ALTITUDE FROM "MIXUP TO PIKYI / 123.72 / 9.37 / 8300" TO "MIXUP TO SUCOT / 127.46 / 9.77 / 8400" - MAG VAR UPDATE, IF NAME AND POSITION CHANGE, NEW CONTROLLING OBSTACLE.
2. TERMINAL ROUTES: CHANGED INITIAL SEGMENT NAME / COURSE / DISTANCE / ALTITUDE FROM "SPARG TO PIKYI / 212.43 / 12.31 / 8400" TO "SPRAG TO SUCOT / 213.59 / 12.46 / 8400" - MAG VAR UPDATE, IF NAME AND POSITION CHANGE, NEW CONTROLLING OBSTACLE.
3. TERMINAL ROUTES: CHANGED INTERMEDIATE SEGMENT NAME / COURSE / DISTANCE FROM "PIKYI TO CUTOK / 141.17 / 6.01" TO "SUCOT TO PIMTE / 114.14 / 5.94 - MAG VAR UPDATE, IF AND FAF NAME AND POSITION CHANGE.
4. TERMINAL ROUTES: CHANGED FINAL SEGMENT FAF TO SDF, NAME / COURSE/ DISTANCE FROM "CUTOK TO FOVMI/7.20 NM TO RW14 / 141.17 / 1.56" TO "PIMTE TO BOPHI/7.24 NM TO RW14 / 144.17 / 1.17" - MAG VAR UPDATE, FAF AND SDF NAME AND POSITION CHANGE.
5. TERMINAL ROUTES: CHANGED FINAL SDF TO SDF, NAME / COURSE / DISTANCE FROM "FOVMI/7.20 NM TO RW14 TO HOKBI/5.80 NM TO RW14 / 141.17 / 1.40" TO "BOPHI/7.24 NM TO RW14 TO FUFPO/4.71 NM TO RW14 / 144.17 . 2.53" - MAG VAR UPDATE, SDFS NAME AND POSITION CHANGE.
6. TERMINAL ROUTES: REMOVED FINAL SDF "HOKBI/5.80 NM TO RW14 TO WILLK/4.80 NM TO RW14" - SDF REMOVED.
7. TERMINAL ROUTES: CHANGED FINAL SDF TO RWY, NAME / COURSE / DISTANCE FROM "WILLK/4.80 NM TO RW14 TO RW14 / 141.17 / 4.80" TO "FUFPO/4.71 NM TO RW14 TO RW14 / 144.17 / 4.71" - MAG VAR CHANGE, SDF NAME AND POSITION CHANGE.
8. TERMINAL ROUTES: ADDED MISSED APPROACH CA LEG "RW14 TO 4495 MSL COURSE 144.17" - IAW 8260.58C.
9. TERMINAL ROUTES: CHANGED MISSED APPROACH SEGMENT FROM "RW14 TO LAGYI" TO "RW14 TO HAXIG" - FIX MOVED 1.5NM SOUTH, NAME CHANGE AND POSITION.
10. TERMINAL ROUTES: CHANGED MISSED APPROACH SEGMENT NAME / COURSE / DISTANCE / ALTITUDE FROM "LAGYI TO MUREX / 165.38 / 15.7 / 9300" TO "HAXIG TO MUREX / 170.85 / 14.30 / 9400" - NAME CHANGE AND POSITION, NEW CONTROLLING OBSTACLE.
11. MISSED APPROACH INSTRUCTION CHANGED FROM "CLIMB TO 9300 DIRECT LAGYI AND VIA TRACK 165.38 TO MUREX AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9300" TO "CLIMB TO 9400 DIRECT HAXIG AND TRACK 170.85 TO MUREX AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9400" - FIX NAME AND POSITION CHANGE, NEW CONTROLLING OBSTACLE.
12. PROFILE LINE 2: CHANGED PROFILE STARTS AT FROM "PIKYI" TO "SUCOT" - NEW IF FIX NAME.
13. PROFILE LINE 3: CHANGED FAC / FAF / DIST FAF TO MAP / DIST FAF TO THLD FROM "141.17 / CUTOK / 8.76 / 8.76" TO "144.17 / PIMTE / 8.40 / 8.40" - MAG VAR UPDATE, NEW FAF NAME AND POSITION.
14. PROFILE LINE 4: CHANGED MIN ALT: FROM "PIKYI 8300, CUTOK 7000, FOVMI/7.20 NM TO RW14 6480*, HOKBI/5.80 NM TO RW14 6000*, WILLK/4.80 NM TO RW14 5680*" TO "SUCOT 8400, PIMTE 7000, BOPHI/7.24 NM TO RW14 6600, FUFPO/4.71 NM TO RW14 5740" - NEW IF/FAF/SDFS NAME AND POSITIONS, * DELETED.
15. PROFILE LINE 5: CHANGED "544 HAT: 1.55" TO "588 HAT: 1.48" - NEW HAT AND DISTANCE.
16. PROFILE LINE 6: CHANGED GP ALT AF PFAF: FROM "CUTOK" TO "PITME 7000" - NEW PFAF NAME, IAW 8260.19 8-6-7 F.
17. PROFILE LINE 7: CHANGED GP ANGLE / 34:1 / 20:1 / TCH FROM "3.00 / IS NOT CLEAR / (BLANK) / 50.0" TO "3.20 / IS CLEAR / 53.1" - UPDATED GP AND TCH, 34:1 AND 20:1 CLEAR.
18. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" - 8260.19I PARA 8-6-8.
19. NOTES: REMOVED CHART NOTE "DME/DME RNP-0.3 NA" -UPDATED PBN REQUIREMENTS NOTE.
20. NOTES: REMOVED CHART NOTE " *LNAV" - IAW 8260.19I 1-1-5.F(12).
21. NOTES: CHANGED CHART NOTE FROM "INOP TABLE DOES NOT APPLY TO LPV ALL CATS, AND LNAV CATS B AND C" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CATS C AND D VISIBILITY TO 2 1/2 SM" - IAW 8260.19I, 8-6-11.O(3)(D).
22. NOTES: REMOVED CHART NOTE "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA" - 34:1 IS CLEAR.
23. NOTES: CHANGED CHART PLANVIEW NOTE: FROM "PROCEDURE NA FOR ARRIVALS AT MIXUP VIA V452 NORTHWEST BOUND" TO "PROCEDURE NA FOR ARRIVALS AT MIXUP ON V452 NORTHWEST BOUND" - IAW 8260.19I 8-2-5 E (2).
24. NOTES: CHANGED CHART PLANVIEW NOTE: FROM "PROCEDURE NA FOR ARRIVALS AT SPRAG VIA V25 NORTHBOUND" TO "PROCEDURE NA FOR ARRIVALS AT SPRAG ON V25 NORTHBOUND" - IAW 8260.19I 8-2-5 E (2).
25. NOTES: UPDATED CHART NOTE: FROM "CIRCLING NA FOR CAT D EAST OF RWY 14-32" TO "CIRCLING NA FOR CAT D NE OF RWY 14-32" - IAW 8260.19 8-6-12.
26. ADDITIONAL FLIGHT DATA: CHANGED CHART VDP FROM "CHART VDP AT 2.45 NM TO RW14" TO "CHART VDP AT 2.43 NM TO RW14" - FAF RELOCATED BASED ON GPA/TCH CALCULATION.
27. NOTES: ADDED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - NEW AIRNAV DATA, VGSI AND RNAV NOT COINCIDENT.
28. ADDITIONAL FLIGHT DATA: CHANGED FAS OBST FROM "FAS OBST: 5009 AAO 421505.58N/1214606.64W" TO "FAS OBST: 4538 AAO 421342N/1214527W" - NEW EVALUATION.
29. ADDITIONAL FLIGHT DATA: ADDED "5689 AAO 421730N/1214700W, 5017 AAO 421454N/1214606W" - NEW EVALUATION, 7:1 OBSTACLE, IAW 8260.19I 8-6-10.
30. ADDITIONAL FLIGHT DATA: CHANGED LTP HAE FROM "1224.2 M" TO "1224.1 M" - UPDATED AIRNAV DATA.
31. ADDITIONAL FLIGHT DATA: REMOVED "CHART FAS OBST: 4732 TOWER 421256N/1214757W" - NEW EVALUATION, 7:1 OBSTACLE, IAW 8260.19I 8-6-10.
32. CHANGED ALTERNATE MINIMUMS FROM "STANDARD; CAT A, B 900-2, CAT C 900-2 3/4, CAT D 1000-3" TO "STANDARD; CAT A, B 900-2, CAT C 1400-3, CAT D 1600-3" - IAW 8260.19I, 8-6-11B(5)&(6).
33. MINIMUMS: CHANGED LPV ALL CATS DA/HAT/VIS FROM "4635 / 544 / 2" TO "4650 / 559 / 1 3/8" - NEW MISSED OBSTACLE, VISIBILITY UPDATE IAW 8260.3E TABLE 3-3-1.
34. MINIMUMS: CHANGE LNAV VIS FROM "CAT B 3/4, CAT C 2 1/2, CAT D 2 3/4" TO "CAT B 1, CAT C 2, CAT D 2" - IAW 8260.3E TABLE 3-3-1.
35. MINIMUMS: CHANGE CIRCLING VIS FROM "CAT A 1" TO "CAT A 1 1/4" AND MDA/HAA "CAT D 5660 / 1565" TO "CAT D 5680 / 1585" - IAW 8260.3E TABLE 3-3-1 AND NEW CONTROLLING OBSTACLE.
36. UPDATE CRC REMAINDER FROM "5CFA48BB" TO "E8975047" - TCH CHANGED.

07/01/2024: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/10/2024.

1. REMOVED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - VGSI ANGLE/TCH CHANGED FROM 3.00/49.9 TO 3.20/53.3, NOW COINCIDENT WITH DESIGN ANGLE/TCH.
2. ADDITIONAL FLIGHT DATA: CHANGED CHART VDP FROM "CHART VDP 2.43 NM TO RW14" TO "CHART VDP AT 2.27 NM TO RW14" - VGSI ANGLE/TCH CHANGED FROM 3.00/49.9 TO 3.20/53.3.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZSE, LMT APP CON, LMT ATCT, AMGR

FLIGHT CHECKED BY
WENDI SUEMI GIMA

Digitally signed by

RAKE MCGRAW

Jul 02, 2024

OFFICE

FIOG

DATE

06/14/2024

DEVELOPED BY
DANIEL WESTON

Digitally signed by

DANIEL L WESTON

Jul 02, 2024

OFFICE

AJV-A422

DATE

04/10/2024

APPROVED BY
RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

Jul 02, 2024

OFFICE

AJV-A422

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLMT
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	421009.1375N
LTP/FTP LONGITUDE	1214425.4595W
LTP/FTP ELLIPSOIDAL HEIGHT	+12241
FPAP LATITUDE	420834.6285N
FPAP LONGITUDE	1214334.7245W
THRESHOLD CROSSING HEIGHT (TCH)	00053.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.20
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	E8975047

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+12469
FPAP ORTHOMETRIC HEIGHT	+12469

