

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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> KLWS	<u>PROCEDURE NAME</u> RNAV (RNP) RWY 30	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> LEWISTON	<u>STATE</u> ID	
<u>AIRPORT ELEVATION</u> 1442	<u>TDZE</u> 1439	<u>SUPERSEDED</u> RNAV (RNP) RWY 30	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 15E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 24 MARCH 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	



TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 22-05.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ALW VOR/DME		LEZLE		TF	FB	1.00	070.51	47.53	8700
LEZLE	IAF	KODKE		TF	FB	1.00	072.79	14.12	6900
KODKE		FESEX		TF	FB	1.00	073.03	7.73	6900
FESEX		OHAXI		RF	FB	1.00	(6.30 NM RADIUS CCW (CFFRG))	7.46	6200
OXLEY	IAF	OVQON		TF	FB	1.00	005.26	11.72	6600
OVQON		OHAXI		TF	FB	1.00	005.38	8.95	6200
OHAXI		EZHUS		RF	FB	1.00	(5.41 NM RADIUS CCW (CFFRH))	4.91	5400
FERDI	IAF	KUPEC		TF	FB	1.00	313.37	6.00	6100
KUPEC		EZHUS		TF	FB	1.00	313.49	5.04	5400
EZHUS		UDAGE		RF	FB	1.00	(4.80 NM RADIUS CCW (CFFSB))	5.40	5300
OFINO	IAF	UDAGE		TF	FB	0.50	225.09	21.70	5300
PUW VOR/DME	IAF	EVOYO		TF	FB	1.00	095.28	20.39	6000
EVOYO		ODTIF		TF	FB	1.00	095.56	7.01	5300
ODTIF		COSFU		RF	FB	1.00	(5.98 NM RADIUS CW (CFFRP))	6.29	5300
COSFU		UDAGE		RF	FB	1.00	(5.00 NM RADIUS CW (CFFRJ))	8.11	5300
JETTS	IAF	UYOCU		TF	FB	1.00	155.74	23.91	6600
UYOCU		COSFU		TF	FB	1.00	155.94	8.54	5300
UDAGE	IF	LIMBY		TF	FB	0.80	248.87	4.00	4900

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
LIMBY		*SEGHA	PFAF	TF	FB	0.80	248.80	5.88	3900
SEGHA	PFAF	*ZEBEL		TF	FB	0.30	248.70	1.42	
ZEBEL		*ILVEC		RF	FB	0.30	(3.00 NM RADIUS CW (CFFRM))	2.52	
ILVEC		RW30	MAP	TF	FB	0.30	296.68	3.64	
RW30	MAP	HERAG		TF	FB	0.30	296.63	0.78	
HERAG		VESZY		RF	FB	1.00	(6.00 NM RADIUS CCW (CFGBJ))	4.18	
VESZY		ISEKE		RF	FB	1.00	(6.00 NM RADIUS CCW (CFGBJ))	24.82	
ISEKE		UHSIV		TF	FO	1.00	019.64	10.60	6000

MISSED APPROACH

MAP:
RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6000 ON TRACK 296.63 TO HERAG THEN LEFT TURN TO VESZY THEN LEFT TURN TO ISEKE AND TRACK 19.64 TO UHSIV AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT UDAGE
- FAC: * PFAF: SEGHA DIST PFAF TO MAP: DIST PFAF TO THLD:
- MIN ALT: UDAGE 5300, LIMBY 4900, SEGHA 3900
- DIST TO THLD FROM PFAF: 7.46 MM: IM: 150 HAT: 342 HAT: 0.91 GS ANT:
- MIN GP INCPT: 3900 GP ALT AT PFAF: SEGHA 3900, ZEBEL 3448, ILVEC 2647 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 45.0
- MSA FROM: RW30 7600

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -12C OR ABOVE 54C.
 CHART NOTE: MISSED APPROACH REQUIRES RNP LESS THAN RNP 1.00.
 CHART PLANVIEW NOTE AT ODTIF: DO NOT EXCEED 210 KIAS UNTIL UDAGE.
 CHART PLANVIEW NOTE AT FESEX: DO NOT EXCEED 210 KIAS UNTIL UDAGE.
 CHART PLANVIEW NOTE: AT ALW, OXLEY, FERDI, OFINO, PUW, JETTS: (RNP 0.30). ←

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 230.00 INBOUND.



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

ALTERNATE: NA STANDARD

<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>
AUTHORIZATION REQUIRED															
RNP 0.30 DA	1781	1	342	1781	1	342	1781	1	342	1781	1	342			



CHANGES - REASONS

1. CHANGED INITIAL FROM LEZE TO FESEX TO LEZLE TO KODKE AND ADDED SEGMENT FROM KODKE TO FESEX. - ACCOMMODATE A 0.24 DEGREE COURSE CHANGE.
2. ADDED STEP-DOWN FIX, OVQON TO OXLE TO OHAXI INITIAL SEGMENT. - ALLOW FOR STEP-DOWN FROM 6600 TO 6200.
3. CHANGED RF INITIAL SEGMENT FROM OHAXI TO EZHUS TURN RADIUS FROM 5.40 TO 5.41 AND CHANGED CENTER FIX FROM CMGAP TO CFFRH. - TARGETS VS IAPA CALCULATIONS.AND CNF FIXES MUST BEGIN WITH CF. (FAAO 8260.19I PARAGRAPH 2-10-4 A (4)) .
4. ADDED STEP-DOWN AT KUPEC TO FERDI TO EZHUS INITIAL SEGMENT. - ALLOW STEP-DOWN FROM 6600 TO 5400.
5. ADDED STEP-DOWN AT EVOYO TO PUW VOR/DME TO ODTIF INITIAL SEGMENT. - ALLOW STEP-DOWN FROM 6000 TO 5300.
6. ADDED STEP-DOWN AT UYOCU TP INITIAL SEGMENT FROM JETTS TO COSFU. - ALLOW STEP-DOWN FROM 6600 TO 5300.
7. CHANGED DISTANCE FROM ILVEC TO RW30 FROM 3.60 TO 3.64. - GPA AND TCH CHANGED.
8. CHANGED MISSED SEGMENT RW30 TO HERAG DISTANCE FROM 0,82 TO 0.78. - DIFFERENCE BETWEEN IAPA AND TARGETS CALCULATIONS.
9. CHANGED SEGMENT DISTANCE FROM ISEKE TO MQG VOR/DME FROM 9.59 TO 9.58. - DIFFERENCE BETWEEN IAPA AND TARGETS CALCULATIONS.
10. CHANGED CENTER FIX ON RF LEG FROM FESEX TO OHAXI FROM AXYUT TO CFFRG. - CNF FIXES MUST BEGIN WITH CF AND CANNOT CONTAIN Y. (FAAO 8260.19I PARAGRAPH 2-10-4 A (4)) .
11. CHANGED CENTER FIX ON RF LEG FROM EZHUS TO UDAGE FROM AWVIJ TO CFFSB. - CNF FIXES MUST BEGIN WITH CF. (FAAO 8260.19I PARAGRAPH 2-10-4 A (4)) .
12. CHANGED TURN RADIUS FOR RF SEGMENT FROM ODTIF TO COSFU FROM 6.00 TO 5.98 AND CENTER FIX FROM AYEXE TO CFFRP. - DIFFERENCE BETWEEN IAPA AND TARGETS CALCULATIONS AND CNF FIXES MUST BEGIN WITH CF AND CANNOT CONTAIN Y. (FAAO 8260.19I PARAGRAPH 2-10-4 A (4)) .
13. CHANGED CENTER FIX FOR RF SEGMENT FROM COSFU TO UDAGE FROM CLYMN TO CFFRJ. - CNF FIXES MUST BEGIN WITH CF AND CANNOT CONTAIN Y. (FAAO 8260.19I PARAGRAPH 2-10-4 A (4)) .
14. CHANGED CENTER FIX FOR RF SEGMENT FROM ZEBEL TO ILVEC FROM CEXEB TO CFFRM. - CNF FIXES MUST BEGIN WITH CF. (FAAO 8260.19I PARAGRAPH 2-10-4 A (4)) .
15. CHANGED CENTER FIX FOR RF SEGMENT FROM HERAG TO VESZY FROM XIWVA TO CFGBJ. - CNF FIXES MUST BEGIN WITH CF. (FAAO 8260.19I PARAGRAPH 2-10-4 A (4)) .
16. CHANGED CENTER FIX FOR RF SEGMENT FROM VESZY TO ISEKE FROM XIWVA TO CFFZZ. - CNF FIXES MUST BEGIN WITH CF. (FAAO 8260.19I PARAGRAPH 2-10-4 A (4)) .
17. CHANGED DISTANCE TO THLD FROM OM IN LINE 5 FROM 7.42 TO 7.46. - DIFFERENCE BETWEEN IAPA AND TARGETS CALCULATIONS.
18. CHANGED ANGLE/TCH FROM 3.00/47 TO 3.00/45. - MATCH VGSI.
19. ADDED 20:1 IS CLEAR TO LINE 7 OF PROFILE VIEW. - IAW FAAO 8260.19I PARAGRAPH 8-6-7.
20. ADDED PBN EQUIPMENT REQUIREMENTS NOTE: RNP AR APCH - GPS. - IAW FAAO 8260.19I PARAGRAPH 8-6-8.
21. LOWERED VISIBILITY FROM 1 1/8 TO 1. - NEW 8260.3E CHAPTER 3 CRITERIA.
22. DELETED CHART NOTE: GPS AND RF REQUIRED. - REPLACED BY EQUIPMENT REQUIREMENTS NOTE.
23. CHANGED UPPER LIMIT FROM 46C TO 54C AND DELETED DEGREES F FROM UNCOMPENSATED BARO- VNAV SYSTEMS NOTE. - NEW TEMPERATURE DATA AND FAAO 8260.19I.
24. CHANGED TDZE FROM 1442 TO 1439. - RUNWAY CONSTRUCTION AND NEW SURVEY.
25. CHANGED HAT FROM 336 TO 342. - RUNWAY CONSTRUCTION AND NEW SURVEY LOWERS TDZE 3 FT.
26. CHANGED INTERMEDIATE DISTANCE FROM LIMBY TO SEGHA FROM 6.00 TO 5,88. - NEW SEGHA LOCATION.
27. CHANGED FINAL SEGMENT FROM SGHA TO ZEBEL FROM 1.30 TO 1.42. - NEW SEGHA LOCATION.
28. CHANGED GP AT ZEBEL FROM 3481 TO 3448 AND AT ILVEC FROM 2666 TO 2647 - ACHIEVE A 3.00 GPA.
29. CHANGED MISSED APPROACH HOLDING POINT FROM MQG VDME TO FIX UHSIV - MQG NAVAID DOES NOT MEET CRITERIA.
30. DELETED ROUTE TYPE QUALIFIER ENTRIES FROM ADDITIONAL FLIGHT DATA. - NO LONGER REQUIRED.
31. DELETED # TCH 1488.6 MSL (DO NOT CHART) FROM ADDITIONAL FLIGHT DATA. - NO LONGER REQUIRED.
32. MOVED DISTANCE TO THLD FROM 336 HAT: 91 NM TO PROFILE VIEW AND CHANGED HAT FROM 336 TO 342. - IAW FAAO 8260.19I AND RUNWAY CONSTRUCTION AND NEW SURVEY LOWERS TDZE 3 FT.
33. CHANGED CHART PLANVIEW NOTE: AT ODTIF, COSFU, EZHUS, OHAXI, AND FESEX: MAX 210 KIAS. TO CHART PLANVIEW NOTE AT ODTIF: DO NOT EXCEED 210 KIAS UNTIL UDAGE AND CHART PLANVIEW NOTE AT FESEX: DO NOT EXCEED 210 KIAS UNTIL UDAGE. - IAW FAAO 8260.19I PARAGRAPH 8-6-9 L.
34. MSA CHANGED FROM 7700 TO 7600 - APPLIED FAAO 8260.3E PARAGRAPH 2-3-2 CRITERIA (6539 AAO (4E) PLUS 1000 ROC = 7539 ROUNDED UP TO 7600.)

11/19/22: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/04/21.

1. CHANGED FINAL SEGMENT FROM ILVEC TO RW30 FROM FO TO FB.
2. CHANGED COMPUTER NAMED FIX ON RF LEG FROM VESZY TO ISEKE FROM CFFZZ TO CFGBJ.

02/01/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/21/21.

1. CHANGED JETS TO JETTS IN PLANVIEW NOTE.



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** AMGR, ZSE

FLIGHT CHECKED BY
JOEL FEWENS HAWKLEY

Digitally signed by
DONALD H LANIER
Feb 01, 2022

OFFICE
FIOG

DATE
12/17/2021

DEVELOPED BY
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MANAGER

