US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LEKIC (IAF)	COKEB (FB)	116.37 / 6.33	5000
PUW VOR/DME (IAF)	COKEB (FB)	173.75 / 9.09	5000
COKEB (IF)	JUGON (FB)	116.45 / 6.67	4000
JUGON (FAF)	RW12 (MAP) (FO)	116.54 / 6.26	
RW12 (MAP)	1748 MSL	116.54	
1748 MSL	DIPBA (FB)		
DIPBA	PETEZ (FO)	046.58 / 14.98	5700

MISSED APPROACH

LPV: DA

CLIMB TO 5700 DIRECT DIPBA AND ON TRACK 046.58 TO PETEZ AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5700.

ADDITIONAL FLIGHT DATA:
HOLD NE, LT, 237.88 INBOUND.
DISTANCE TO THLD FROM 378 HATH: 0.78 NM.
WAAS CHANNEL # 56500
REFERENCE PATH ID: W12A
LTP HAE: 399.2 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT COKEB
3. FAC: 116.54 FAF: ____ DIST FAF TO MAP: 6.26 THLD: ____
4. MIN. ALT: COKEB 5000, JUGON 4000
5. DIST TO THLD FROM OM: 6.26 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 4000 GS ALT AT: JUGON 4000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.87 TCH: 55.0 34:1 IS NOT CLEAR
8. MSA FROM: RW12 7600

MAG VAR: 15E EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1748	1	378	1748	1	378		NA			NA				

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT PUW VOR/DME ON V253 NORTHWEST BOUND.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1442 THRE: 1370 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LEWISTON, ID	LEWISTON-NEZ PERCE COUNTY	RNAV	RNAV (GPS) Y RWY 12, AMDT 2	AMDT: 1B
				DATED 07/29/2010

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[ ]	[X]	[X]	[X] ZSE, LWS ATCT, AMGR

FLIGHT CHECKED BY

NAME:	FIFO	DATE:
JAMES M. MEEK		06/19/2012

DEVELOPED BY

NAME:	FIFO	DATE:
ADOLFO URRUTIA (WES COMBS)	AJV-354	02/27/2012

APPROVED BY

NAME:		FIFO	DATE:
DEZ SILAGYI	MANAGER	AJV-354	09/10/2012

CHANGES:

1. CHANGED LEKIC FROM IF/IAF TO IAF; ADDED COKEB IF.
2. CHANGED ALTITUDE AT LEKIC FROM 6000 TO 5000.
3. ADDED IAF AT PUW VOR/DME.
4. CHANGED PFAF FROM SOYOV (4300/8.86 NM FROM RWT) TO JUGON (4000/6.26 FROM RWT); CHANGED APPROACH COURSE FROM 116.50 TO 116.54.
5. CHANGED GS FROM 3.00/40 TO 3.87/55; DISQUALIFIED CATS C AND D.
6. LOWERED LPV VISIBILITY FROM 1 1/4 TO 1.
7. CHANGED MISSED INSTRUCTIONS FROM "CLIMB TO 6000 DIRECT JESDO AND VIA TRACK 039.77 TO FIPGI AND LEFT TURN VIA TRACK 292.26 TO PUW VOR/DME AND HOLD" (HOLD SW, LT, 036.94) TO "CLIMB TO 5700 DIRECT DIPBA AND ON TRACK 046.58 TO PETEZ AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5700" (HOLD NE, LT, 237.88).
8. ADDED NOTE "VGSI AND RNAV GLIDEPATH NOT COINCIDENT."
9. ADDED NOTE "PROCEDURE NA FOR ARRIVAL AT PUW VOR/DME ON V253 NORTHWEST BOUND."

REASONS:

1-3. ATC REQUEST - MVA 5000, PUQ IAF TO ALLOW ARRIVALS FROM THE NE.
4-5. NEW CONTROLLING OBSTACLE IN FINAL AND MISSED; IAW 8260.3 PARA 3.2.2 (A)
6. IAW 8260.3 PARA 3.2.2E.
7. ATC REQUEST.
8. IAW 8260.19 PARA 855L (6)(N).
9. IAW 8260.19 PARA 805G (2).

05/14/12: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/27/12:
1. CHANGED ARINC 8260-10 PAGES 3 AND 5 MISSED APPROACH ALTITUDE FROM 7500 TO 5700.

09/13/12: THIS IS AN CORRECTED COPY OF THE FORM APPROVED ON 09/10/12:
1. CHANGED ARINC 8260-10 PAGES PREVIOUS PROCEDURE AMDT NUMBER FROM 1 TO 1B.

QUALITY CHECKED 4

Bearings, headings, courses, 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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLWS
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	462254.4430N
LTP/FTP LONGITUDE	1170124.7295W
LTP/FTP ELLIPSOIDAL HEIGHT	+03992
FPAP LATITUDE	462155.2700N
FPAP LONGITUDE	1165948.5500W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.87
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	95C282A2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+04175
FPAP ORTHOMETRIC HEIGHT	+04175

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1442 THRE: 1370	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LEWISTON, ID	AIRPORT NAME:	RNAV	RNAV (GPS) Y RWY 12, AMDT 2	AMDT: 1B
	LEWISTON-NEZ PERCE COUNTY			DATED: 07/29/2010

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        PUW   K1010900VDLA N46402748W117132462    N46402748W117132462E0200027201     NARPULLMAN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   COKEB K10    W     N46312871W117152471                    E0150     NAR          COKEB
        SUSAEAENRT   DIPBA K10    W     N46190233W116550784                    E0149     NAR          DIPBA
        SUSAEAENRT   JUGON K10    W     N46270379W117081110                    E0150     NAR          JUGON
        SUSAEAENRT   LEKIC K10    C   L N46353967W117221725                    E0151     NAR          LEKIC
        SUSAEAENRT   PETEZ K10    C   L N46260823W116360516                    E0148     NAR          PETEZ

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLWSK1ALWS     0     065YHN46222820W117005540E015001442         1800018000C    MNAR    LEWISTON-NEZ PERCE COUNTY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLWSK1FR12-Y ALEKIC 010LEKICK1EA0E  A    IF                                                18000                 A JS
        SUSAP KLWSK1FR12-Y ALEKIC 020COKEBK1EA0EE B 010TF                    11640063    + 05000                                A JS
        SUSAP KLWSK1FR12-Y APUW   010PUW  K1D 0V  A    IF                                                18000                 A JS
        SUSAP KLWSK1FR12-Y APUW   020COKEBK1EA0EE B 010TF                    17380091    + 05000                                A JS
        SUSAP KLWSK1FR12-Y R      010COKEBK1EA0E  I    IF                                + 05000     18000                 A JS
        SUSAP KLWSK1FR12-Y R      020JUGONK1EA1E  F 051TF                    11650067    + 04000                  RW12  K1PGA JS
        SUSAP KLWSK1FR12-Y R      020JUGONK1EA2WALPV       N          N                                                        JS
        SUSAP KLWSK1FR12-Y R      030RW12 K1PG0GY M 031TF                    11650063      01425             -387          A JS
        SUSAP KLWSK1FR12-Y R      040         0  M     CA                    1165        + 01748                                A JS
        SUSAP KLWSK1FR12-Y R      050DIPBAK1EA0E       DF                                                                     A JS
        SUSAP KLWSK1FR12-Y R      060PETEZK1EA0EY   010TF                    0466        + 05700                                A JS
        SUSAP KLWSK1FR12-Y R      070PETEZK1EA0EE  L   HM                    23790050    + 05700                                A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLWSK1GRW12    0050021166 N46225444W117012473+1400    +0399201370000055100R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLWSK1PR12-Y RW12 001Y0000W12A0N4622544430W11701247295+039920387N4621552700W116594855001067512240005 50F40050095C282A2
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1442 THRE: 1370	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LEWISTON, ID	AIRPORT NAME: LEWISTON-NEZ PERCE COUNTY	RNAV	RNAV (GPS) Y RWY 12, AMDT 2	AMDT: 1B
				DATED: 07/29/2010

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

Bearings, headings, courses, 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 in feet RVR.

```
        SUSAP KLWSK1PR12-Y RW12 002E      +04175+04175LPV       56500

                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLWSK1SRW12 K1PG                0   18018007625                                                                  M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1442 THRE: 1370	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LEWISTON, ID	AIRPORT NAME: LEWISTON-NEZ PERCE COUNTY	RNAV	RNAV (GPS) Y RWY 12, AMDT 2	AMDT: 1B
				DATED: 07/29/2010

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	LEKIC	LEKIC	010	IAF	IF		FB					
	LEKIC	COKEB	020		TF		FB	1.0	116.4(131.4T)	006.3	AA 05000	
	PUW	PUW	010	IAF	IF		FB					
	PUW	COKEB	020		TF		FB	1.0	173.8(188.8T)	009.1	AA 05000	
		COKEB	010	FACF	IF		FB				AA 05000	
		JUGON	020	FAF	TF		FB	0.5	116.5(131.5T)	006.7	AA 04000	
		RW12	030	MAP	TF		FO	0.3	116.5(131.5T)	006.3	AT 01425	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		116.5(131.5T)		AA 01748	
	DIPBA	050		DF		FB					
	PETEZ	060		TF		FO	1.0	046.6(061.6T)		AA 05700	
	PETEZ	070		HM	L	FO		237.9(252.9T)	005.0	AA 05700	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PUW	N464027.48	W1171324.62	N4640.458	W11713.410
	COKEB	N463128.71	W1171524.71	N4631.479	W11715.412
	DIPBA	N461902.33	W1165507.84	N4619.039	W11655.131
	JUGON	N462703.79	W1170811.10	N4627.063	W11708.185
	LEKIC	N463539.67	W1172217.25	N4635.661	W11722.288
	PETEZ	N462608.23	W1163605.16	N4626.137	W11636.086
	RW12	N462254.44	W1170124.73	N4622.907	W11701.412

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW12	01370	55

CITY AND STATE	ELEVATION: **1442** **THRE: 1370**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LEWISTON, ID	AIRPORT NAME: **LEWISTON-NEZ PERCE COUNTY**	**RNAV**	**RNAV (GPS) Y RWY 12, AMDT 2**	AMDT: **1B**
				DATED: **07/29/2010**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INITIAL	LEKIC	COKEB	1. AAO	463012.37N/1171733.00W	3019 (2C)	1000	AT761 PR220	5000
			2. TERRAIN	463012.37N/1171733.00W	2819 (2800)		AS1500	4300
INITIAL	PUW VOR/DME	COKEB	3. AAO	463335.41N/1171144.25W	3139 (2C)	1000	AT713 PR148	5000
			4. TERRAIN	462335.41N/1171144.25W	2939 (2900)		AS1500	4400
INTERMEDIATE	COKEB	JUGON	5. AAO	462804.07N/1170821.47W	3204 (2C)	500	PR188	3900
			6. TERRAIN	462804.07N/1170821.47W	3004 (3000)		AS1000	4000
FINAL: LPV	JUGON	RW12	7. TREE (KLWSL011)	462258.69N/1170132.73W	1390 (1B)	23.36:1	AC10 XP55	1748/378
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA	PETEZ				ASC		5700
			8. AAO	462415.40N/1163319.02W	3612 (4E)	1000	SA-286	4400
ELEV:	1482		9. TERRAIN	462443.08N/1163354.63W	3018 (3000)		AS1500	4500

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	
CATEGORY B	1.5 NM	450	
CATEGORY C	1.7 NM	450	
CATEGORY D	2.3 NM	550	
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: **RW12**

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	220/ 26.6	6600 (6C)	7600					

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
LEWISTON, ID	ELEVATION: 1442 AIRPORT NAME: LEWISTON-NEZ PERCE COUNTY	RNAV	RNAV (GPS) Y RWY 12, AMDT 2	ANM

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZSE ARTCC LWS TOWER		N W S	OTHER: ASOS LAWRS	SOURCE: KLWS / KPUW
	X	F A A		DISTANCE: 0 / 22.51
SATISFACTORY ON:		A / C		HOURS REMOTE OPERATION:
X V H F X U H F H F	LOCATION: KLWS			ADJUSTMENT: 0 / 0

4. MONITOR STATUS	PRIMARY NAVAID:		
	MONITOR POINT:		
	HRS OPTN:	CAT 1	
		CAT 3	

	ALS
	(S) SALS
X	MALSR 26 (PCL)
X	HIRL 08, 26
X	MIRL 12, 30
X	REIL 12 (PCL), 08 (PCL)
	TDZ
	C/LINE
X	OTHER (SPECIFY) VASI-4R 30 PAPI-4L 12, 26 VASI-4L 08

5. APPROACH & RUNWAY LIGHTING

6. RUNWAY MARKINGS	BASIC	BSC-G 12, 30
	ALL WEATHER	PIR-G 26
	INSTRUMENT	NPI-G 08
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	

8. GLIDE PATH	GP ANGLE: 3.87	ELEV RWY THRESHOLD: 1369.9
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 55.0

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: ADOLFO URRUTIA (WES COMBS)	DATE: 02/27/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

VDP NOT ESTABLISHED - PRECISION PATH PROCEDURE.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS, VOLUME 1, VISUAL PORTION OF FINAL PENETRATIONS:
34:1
1390 TREE (KLWSL011) 462258.69N/1170132.73W (5.25)
1393 TREE (KLWSL013) 462257.80N/1170137.82W (2.16)
1393 TREE (KLWSL014) 462300.88N/1170133.91W (2.10)
1398 TREE (KLWSL017) 462259.06N/1170140.28W (0.88)
1397 TREE (KLWSL016) 462303.03N/1170134.60W (0.78)

SEE ATTACHED AIRSPACE LETTER.

LNAV/VNAV NOT DEVELOPED PER FPT REQUEST.

LNAV NOT DEVELOPED DUE TO OBSTACLES WITHIN 2NM OF PFAF LOCATION CAUSING A 3.87 GPA.

LPV SLOPE 23.36:1

VGSI DATA: 3.00/45

KLWS WEATHER IS ON SERVICE A.

BACKUP ALTIMETER NOT ADDED DUE TO REDUNDANT PRIMARY SOURCES (LAWRS).

45' TREES USED FOR VEGETATION PER AMGR.

TAA NOT DEVELOPED PER FPT.

OBSTACLE #9 3434 FT INTO SECONDARY AREA.

XP 55 - MATCHING CURRENT DA. WITHOUT THE XP, A 20 FT MA ADJ WOULD BE NECESSARY.

RADIO FIX AND HOLDING DATA RECORD

NAME: COKEB **STATE:** WA **COUNTRY:** US

LATITUDE/LONGITUDE: 463128.71N/1171524.71W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 12			KLWS	LEWISTON	ID (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/27/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (WES COMBS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZSE
ATC FACILITY: LWS ATCT
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DIPBA **STATE:** ID **COUNTRY:** US

LATITUDE/LONGITUDE: 461902.33N/1165507.84W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 12			KLWS	LEWISTON	ID (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/27/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (WES COMBS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZSE
ATC FACILITY: LWS ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: JUGON **STATE:** WA **COUNTRY:** US

LATITUDE/LONGITUDE: 462703.79N/1170811.10W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

REMARKS:
FIX COORDINATES ESTABLISHED IAW 8260.54A FORMULA 2-16B.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y R12			KLWS	LEWISTON	ID (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/27/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (WES COMBS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZSE
ATC FACILITY: LWS ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: PETEZ **STATE:** ID **COUNTRY:** US

LATITUDE/LONGITUDE: 462608.23N/1163605.16W **TYPE:** WP, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	NEZ PERCE	MQG	VOR/DME	L	053.65	073.65	11.59	11.59		5500	17500

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NE		WP	057.88	237.88	L		5	5700	6000	6	14

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	462030.00N/1163754.00W	3914	4E
1	310	AAO	463527.80N/1162339.80W	4340	6C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	212
1	310	265

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) Y RWY 08	KLWS	LEWISTON	ID (US)
1	RNAV (GPS) Y RWY 12	KLWS	LEWISTON	ID (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V187	1				(US)
IAP	RNAV (GPS) Y RWY 08		1	KLWS	LEWISTON	ID (US)
IAP	RNAV (GPS) Y RWY 12		1	KLWS	LEWISTON	ID (US)
IAP	RNAV (GPS) Y RWY 26			KLWS	LEWISTON	ID (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
ADDED HOLDING/CIH
UPDATED FIX USE

DEVELOPED BY: **DATE:** 02/24/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (WES COMBS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZSE
ATC FACILITY: LWS ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: PULLMAN VOR/DME **STATE:** WA **COUNTRY:** US

LATITUDE/LONGITUDE: 464027.48N/1171324.62W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	PULLMAN	PUW	VOR/DME	L							17500

FIX RESTRICTIONS:
SPECIAL TLS RWY 5, KPUW, PULLMAN/MOSCOW, ID, WA

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SW	PUW	VOR/DME	211.94	031.94	L	1-1 1/2		4700	17500	5	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	463912.00N/1170936.00W	3065	4E
1	310	AAO	463804.60N/1170516.70W	3646	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	110

REASON FOR NONSTANDARD HOLDING:
PAT 1 HIGH TERRAIN TO SOUTH

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR RWY 6	KPUW	PULLMAN/MOSCOW, ID	WA (US)
1	TAKE-OFF MINIMUM AND DEPARTURE PROCEDURES	KPUW	PULLMAN/MOSCOW, ID	WA (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	POTOR			KLWS	LEWISTON	ID (US)
DP	TRI CITIES			KPSC	PASCO	WA (US)
DP	TAKE-OFF MINIMUM AND DEPARTURE PROCEDURES		1	KPUW	PULLMAN/MOSCOW, ID	WA (US)
DP	SPOKANE			KGEG	SPOKANE	WA (US)
DP	FELTS			KSFF	SPOKANE	WA (US)
DP	WALLA WALLA			KALW	WALLA WALLA	WA (US)
EN ROUTE	V253					(US)
EN ROUTE	V536					(US)
IAP	RNAV (GPS) Y RWY 12			KLWS	LEWISTON	ID (US)
IAP	RNAV (RNP) RWY 30			KLWS	LEWISTON	ID (US)
IAP	RNAV (RNP) Z RWY 12			KLWS	LEWISTON	ID (US)
IAP	VOR RWY 8			KLWS	LEWISTON	ID (US)
IAP	TLS RWY 5			KPUW	PULLMAN/MOSCOW, ID	WA (US)
IAP	VOR RWY 6		1	KPUW	PULLMAN/MOSCOW, ID	WA (US)
IAP	RNAV (RNP) Y RWY 24			KPUW	PULLMAN/MOSCOW,ID	WA (US)
IAP	RNAV (RNP) Z RWY 24			KPUW	PULLMAN/MOSCOW,ID	WA (US)
STAR	ZOOMR			KGEG	SPOKANE	WA (US)

REQUIRED CHARTING: DP, STAR, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
LAT/LONG UPDATED FROM 464027.50N/1171324.60W TO464027.48N/1171324.62W;AVNIS FACILITY RECORD.
ADDED CLIMB IN HOLD TO PAT 1.
INCREASED PAT 1 MIN HOLDING ALT FROM 4400 TO 4700; CLIMB IN HOLD LVL SFC OBSTACLE.
REMOVED PAT 2; NO LONGER REQUIRED.
UPDATED FIX USE.

DEVELOPED BY:	**DATE:** 02/06/2012	**OFFICE:** AJV-354	**NAME:** KEITH SHYKES
APPROVED BY:	**DATE:**	**OFFICE:** AJV-354	**NAME:** DEZ SILAGYI
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZSE
ATC FACILITY: SEA APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: LEKIC **STATE:** WA **COUNTRY:** US

LATITUDE/LONGITUDE: 463539.67N/1172217.25W **TYPE:** WP, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	PULLMAN	PUW	VOR/DME	L	211.94	231.94	7.78	7.78		6000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V536	1				(US)
IAP	RNAV (GPS) Y RWY 12			KLWS	LEWISTON	ID (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
REMOVED FAC 2, NO LONGER REQUIRED FOR WP DESCRIPTION.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 07/22/2009 **OFFICE:** AVN-130 **NAME:** KEITH SHYKES

APPROVED BY: **DATE:** 05/06/2010 **OFFICE:** AVN-130 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZSE
ATC FACILITY: SEA APP CON
OTHER:

INFO ONLY

CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **LEWISTON** STATE: **ID**

AIRPORT NAME: **LEWISTON-NEZ PERCE COUNTY** ID: **KLWS**

PROCEDURE: **RNAV (GPS) Y RWY 12** AMDT: **2**

DOCKET # :
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **5.54**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **0.22**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **131.54**
4. High Terrain in **FINAL** segment containing 1000' point **2679**
5. Distance from **THLD** to 1500' point **11.94**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **4**
7. True Course of **INTERMEDIATE** segment containing 1500' point **131.45**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **3004**
9. Threshold Coordinates (if straight-in) ... **462254.44N** / **1170124.73W**
10. ARP Coordinates ..... **462228.20N** / **1170055.40W**
11. Runway Approach End and distance furthest from ARP.....RWY **26**
    Distance **0.59** NM
12. FAF Coordinates ..... **462703.79N** / **1170811.10W**
    (Click to Select)

REMARKS: Approach/Drawing attached.

RADIO FIX AND HOLDING DATA RECORD

NAME: FIPGI **STATE:** ID **COUNTRY:** US

LATITUDE/LONGITUDE: 462601.47N/1164544.28W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** CANCEL

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 12			KLWS	LEWISTON	ID (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 02/24/2012

REASON FOR REVISION:
CANCELLATION.

DEVELOPED BY: **DATE:** **OFFICE:** **NAME:**

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZSE
ATC FACILITY: LWS ATCT
OTHER:

CANCELLED

RADIO FIX AND HOLDING DATA RECORD

NAME: JESDO **STATE:** ID **COUNTRY:** US

LATITUDE/LONGITUDE: 462022.98N/1165718.72W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** CANCEL

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 12			KLWS	LEWISTON	ID (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 02/27/2012

REASON FOR REVISION:
CANCELLATION.

DEVELOPED BY: **DATE:** **OFFICE:** **NAME:**

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZSE
ATC FACILITY: SEA APP CON
OTHER:

CANCELLED

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SOYOV **STATE:** WA **COUNTRY:** US

LATITUDE/LONGITUDE: 462846.88N/1171059.60W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** CANCEL

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
USED RNP PFAF FORMULA

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 12			KLWS	LEWISTON	ID (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 02/27/2012

REASON FOR REVISION:
CANCELLATION.

DEVELOPED BY: **DATE:** **OFFICE:** **NAME:**

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZSE
ATC FACILITY: SEA APP CON
OTHER:

CANCELLED

QUALITY CHECKED