

RADIO FIX AND HOLDING DATA RECORD

NAME: CFFWX

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 463224.86N/1170732.95W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 12

FAC

PAT

AIRPORT IDENT
KLWS

CITY
LEWISTON

STATE
ID (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/12/2021

REASON FOR REVISION:

CHANGED CNF FIX NAME FROM CUGEM TO CFFWX.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

Digitally signed by

DONALD H LANIER

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZSE

ATC FACILITY: SEA APP CON

OTHER:

Mar 24, 2021

QUALITY
24
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CFLJN

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 463057.08N/1170641.67W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 12

FAC

PAT

AIRPORT IDENT
KLWS

CITY
LEWISTON

STATE
ID (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/12/2021

REASON FOR REVISION:

CHANGED CNF FIX NAME FROM KEDGY TO CFLJN.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

Digitally signed by

DONALD H LANIER

Mar 24, 2021

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZSE

ATC FACILITY: SEA APP CON

OTHER:

QUALITY
24
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CFNQJ

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 461919.77N/1171049.03W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 12

FAC

PAT

AIRPORT IDENT
KLWS

CITY
LEWISTON

STATE
ID (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/12/2021

REASON FOR REVISION:

CHANGED CNF FIX NAME FROM SAWJE TO CFNQJ.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

Digitally signed by

DONALD H LANIER

Mar 24, 2021

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZSE

ATC FACILITY: SEA APP CON

OTHER:

QUALITY
24
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RADIO FIX AND HOLDING DATA RECORD

NAME: CFTTH

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 463324.75N/1170814.60W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 12

FAC

PAT

AIRPORT IDENT
KLWS

CITY
LEWISTON

STATE
ID (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/12/2021

REASON FOR REVISION:

CHANGED CNF FIX NAME FROM HEPEL TO CFTTH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

Digitally signed by
DONALD H LANIER

DISTRIBUTION:

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

Mar 24, 2021

QUALITY
24
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CFTVF

STATE: ID

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 462403.61N/1165120.07W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 12

FAC

PAT

AIRPORT IDENT
KLWS

CITY
LEWISTON

STATE
ID (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/12/2021

REASON FOR REVISION:

CHANGED CNF FIX NAME FROM CODUT TO CFTVF.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

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DONALD H LANIER

Mar 24, 2021

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZSE

ATC FACILITY: SEA APP CON

OTHER:

QUALITY
24
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CFTWT

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 463300.42N/1170725.00W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 12

FAC

PAT

AIRPORT IDENT
KLWS

CITY
LEWISTON

STATE
ID (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/12/2021

REASON FOR REVISION:

CHANGED CNF FIX NAME FROM RENLE TO CFTWT.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

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DISTRIBUTION:

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

Mar 24, 2021

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24
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RADIO FIX AND HOLDING DATA RECORD

NAME: OFINO STATE: ID COUNTRY: US ICAO REGION CODE: K1
 LATITUDE/LONGITUDE: 463119.36N/1160954.90W TYPE: WP, INT, 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	MRA	MAA
1	NEZ PERCE	MQG	VOR/DME	L	053.65	073.65	30.41	30.41	5500	17500
2	MULLAN PASS	MLP	VOR/DME	H	186.00	201.00		60.03	8500	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MLP	VOR/DME	R-186	61	8500	17500

HOLDING: HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SW	MQG	VOR/DME	233.65	053.65	L	1		8500	14000	11	12
2	SW		WP	238.65	058.65	L		5	6000	14000	6	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	463527.80N/1162339.80W	4340	6A
2	200	AAO	463457.00N/1162227.00W	3796	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	220
2	200	280

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUESTED
 PAT 1 ATC REQUESTED

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

REMARKS:

NEZ PERCE (FAC 1) AND MULLAN PASS (FAC 2) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 1 FOR ATC USE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T276					(US)
EN ROUTE	T317					(US)
EN ROUTE	V187	1, 2				(US)
IAP	RNAV (RNP) RWY 30			KLWS	LEWISTON	ID (US)
IAP	RNAV (RNP) Z RWY 12		2	KLWS	LEWISTON	ID (US)
IAP	RNAV (RNP) Z RWY 26			KLWS	LEWISTON	ID (US)
IAP	RNAV (RNP) Z RWY 8		2	KLWS	LEWISTON	ID (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 DATE OF REVISION: 08/12/2021

REASON FOR REVISION:

1. REMOVED AIRSPACE DOCKET: 17-ANM-24.
 2. CHANGED PAT 2 HOLDING OBST FROM 3813 AAO TO 3796 AAO.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: RICHARD CHRISTENSEN

APPROVED BY: DATE: OFFICE: AJV-A430 NAME: LONNIE EVERHART

SIGNATURE: Digitally signed by
 DONALD H LANIER
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NFDC
FPO: WST
ARTCC: ZSE
ATC FACILITY: LWS ATCT
OTHER:

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