

RADIO FIX AND HOLDING DATA RECORD

NAME: BRELD

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 474057.11N/1203741.02W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	WENATCHEE	I-ADJ	LOC/DME		300.02	315.02	24.87	24.87		8700	9000
2	WENATCHEE	EAT	VOR/DME	VL	300.19	315.19	24.00	24.00		8700	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-ADJ	LOC/DME	R-300	25	8600	9000

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

WENATCHEE (FAC 1) AND WENATCHEE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
I-ADJ DME COORDINATES: 472326.6735N-1201137.4624W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS Z RWY 12	1		KEAT	WENATCHEE	WA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/11/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: THERON CYRUS

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Mar 25, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: COYYA

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 471441.15N/1194906.58W

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	EPHRATA	EPH	VORTAC	VH	222.75	243.75	17.98	17.98	5000	17500
2	WENATCHEE	EAT	VOR/DME	L	105.00	120.00	18.52	18.52	5000	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	E		WP	105.00	285.00	R		5	5000	8000	6	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	471915.00N/1194803.00W	3084	4B

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	80

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

EPHRATA (FAC 1) AND WENATCHEE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V336	1, 2				(US)
IAP	RNAV (RNP) Z RWY 32R			KMWH	MOSES LAKE	WA (US)
IAP	ILS Z RWY 12		1	KEAT	WENATCHEE	WA (US)
IAP	VOR-A	1, 2		KEAT	WENATCHEE	WA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

DELETED PAT 1 (CONVENTIONAL PAT).
ADDED PAT 1 (WP PAT) AND ASSOCIATED DATA.
CHANGED ILS Z RWY 12 HOLDING FROM CONVENTIONAL TO WP.
ADDED PRECIPITOUS TERRAIN (80) TO PAT 1.
ADDED "HOLDING LIMITED TO ESTABLISHED PATTERN" TO HOLDING RESTRICTIONS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: THERON CYRUS

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Mar 25, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: EWJOR

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 473432.63N/1202807.39W

TYPE: 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	FEET	MRA	MAA
1	WENATCHEE	I-ADJ	LOC/DME		300.02	315.02	15.76	15.77	95793	6800	6800

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-ADJ	LOC/DME	R-300	16	6800	6800

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-ADJ DME COORDINATES: 472326.6735N-1201137.4624W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS Z RWY 12	1		KEAT	WENATCHEE	WA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

FIX MOVED 0.52 NM NW FROM LAT/LONG: 473410.45N/1202734.66W TO: 473432.63N/1202807.39W.
CHANGED FAC 1 MRA/MAA FROM 6600/6600 TO 6800/6800.
CHANGED FAC 1 DIST FROM FAC (DME/NM/FEET) FROM: 15.24/15.25/92631 TO: 15.76/15.77/95793.
CHANGED FAC 1 ESV MIN/MAX ALTITUDE FROM: 6600/6600 TO 6800/6800.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: THERON CYRUS

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Mar 25, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: FITGA

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 472448.90N/1204757.85W

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 NM	FAC FEET	MRA	MAA
1	WENATCHEE	EAT	VOR/DME	VL	257.21	272.21	24.00	24.00		12000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (RNP) M RWY 12			KEAT	WENATCHEE	WA (US)
EN ROUTE	V120	1				(US)
IAP	ILS Z RWY 12	1		KEAT	WENATCHEE	WA (US)
IAP	VOR-B	1		KEAT	WENATCHEE	WA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, SPECIAL IAP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

ADDED KEAT - ILS Z RWY 12 TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: THERON CYRUS

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Mar 25, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: KADGE

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 473554.44N/1204321.79W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	WENATCHEE	EAT	VOR/DME	VL	285.00	300.00	24.00	24.00		10500	17500

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS Z RWY 12	1		KEAT	WENATCHEE	WA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/11/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: THERON CYRUS

APPROVED BY:

DATE:

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Mar 25, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: MODPE

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 471948.82N/1200622.82W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
ILS Z RWY 12

FAC

PAT

AIRPORT IDENT
KEAT

CITY
WENATCHEE

STATE
WA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/11/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: THERON CYRUS

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Mar 25, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: YOYUG

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 473326.03N/1203656.76W

TYPE: 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	FAC FEET	MRA	MAA
1	WENATCHEE	EAT	VOR/DME	VL	285.00	300.00	19.00	19.00		9100	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS Y RWY 12	1		KEAT	WENATCHEE	WA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

DELETED KEAT - ILS Z RWY 12 FROM FIX USE.
CHANGED FAC 1 CLASS FROM "L" TO "VL".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: THERON CYRUS

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Mar 25, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: ZARLO

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 473726.19N/1203226.38W

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	FAC FEET	MRA	MAA
1	WENATCHEE	I-ADJ	LOC/DME		300.02	315.02	19.88	19.88		7700	8100
2	WENATCHEE	EAT	VOR/DME	VL	300.22	315.22	19.01	19.01		7700	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-ADJ	LOC/DME	R-300	20	7700	8100

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

WENATCHEE (FAC 1) AND WENATCHEE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
I-ADJ DME COORDINATES: 472326.6735N-1201137.4624W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ZARLO (RNAV)			KEAT	WENATCHEE	WA (US)
IAP	ILS Y RWY 12	1		KEAT	WENATCHEE	WA (US)

REQUIRED CHARTING: DP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

DELETED KEAT - ILS Z RWY 12 FROM FIX USE.
CHANGED FAC 2 CLASS FROM "L" TO "VL".
CHANGED FAC 1 DME FROM 19.87 TO 19.88.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: THERON CYRUS

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Mar 25, 2024

