

RADIO FIX AND HOLDING DATA RECORD

NAME: ALDER

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 464917.62N/1222451.19W

TYPE: WP, INT, 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	SEATTLE	SEA	VORTAC	VH	167.67	186.67	37.09	37.09		4000	45000
2	OLYMPIA	OLM	VORTAC	VH	095.00	114.00	21.99	21.99		5300	45000
3	MCCHORD	TCM	TACAN	T	157.70	172.70	19.73	19.73		5300	12200

FIX RESTRICTIONS:

MCA V204 5800 EASTBOUND
MCA V495 9000 SOUTHBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	N	SEA	VORTAC	167.67	167.67	R	1		5300	10000	4	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	175	AAO	464354.00N/1222709.00W	3816	4E
1	230	AAO	464245.00N/1222606.00W	4000	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	230
1	175	210

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF MINIMUMS	KPLU	PUYALLUP	WA (US)

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKEOFF MINIMUMS	1, 2	1	KPLU	PUYALLUP	WA (US)
DP	CBAIN (RNAV)			KBFI	SEATTLE	WA (US)
DP	NRVNA (RNAV)			KBFI	SEATTLE	WA (US)
DP	OZWLD (RNAV)			KSEA	SEATTLE	WA (US)
DP	ALDER	2, 3		KTCM	TACOMA	WA (US)
DP	MOCAA (RNAV)			KTCM	TACOMA	WA (US)
DP	TAKE-OFF MINIMUMS	1		KTCM	TACOMA	WA (US)
EN ROUTE	J1	1, 2				(US)
EN ROUTE	J189	1, 2				(US)
EN ROUTE	V204	1, 2				(US)
EN ROUTE	V495	1, 2				(US)
IAP	RNAV (GPS) RWY 33			KGRF	FORT LEWIS/TACOMA	WA (US)
IAP	RNAV (GPS) RWY 35			KPLU	PUYALLUP	WA (US)
IAP	ILS OR LOC RWY 34	2, 3		KTCM	TACOMA	WA (US)
IAP	ILS RWY 34 (CAT II)	2, 3		KTCM	TACOMA	WA (US)
IAP	RNAV (GPS) RWY 34			KTCM	TACOMA	WA (US)
IAP	TACAN RWY 34	2, 3		KTCM	TACOMA	WA (US)
IAP	RNAV (GPS) RWY 24			KTDO	TOLEDO	WA (US)
STAR	ADYMS (RNAV)			KTCM	TACOMA	WA (US)
STAR	WHYTE	1, 2		KTCM	TACOMA	WA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14

DATE OF REVISION: 04/17/2025

REASON FOR REVISION:



1. UPDATED FIX MAKE-UP SEA AND OLM CLASS FROM "H" TO "VH".
2. UPDATED HOLDING RESTRICTION FROM "1. HOLDING LIMITED TO ESTABLISHED PATTERN" TO "HOLDING LIMITED TO ESTABLISHED PATTERN".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

*Digitally signed by***RAKE MCGRAW**

Mar 04, 2025

QUALITY
26
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ARWEL STATE: WA COUNTRY: US ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 465538.76N/1221723.99W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	S		WP	179.62	359.62	L	4	3800	3800	5	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	465400.00N/1221306.00W	2540	4B

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	210

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 35		1	KPLU	PUYALLUP	WA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/17/2025

REASON FOR REVISION:

1. FIX MOVED 546.92 FEET SOUTH FROM "465544.16N/1221723.90W" TO "465538.76N/1221723.99".
2. UPDATED CONTROLLING OBSTRUCTION FROM "AAO 465401.17N/1221307.35W 2535 2C" TO "AAO 465400.00N/1221306.00W 2540 4B".
3. UPDATED PRECIPITOUS TERRAIN ADDITION FROM "220" TO "210".
4. REMOVED REMARK "IPDS CALCULATED COORDINATES: 465544.158N/1221723.903W".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

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RAKE MCGRAW

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QUALITY
26
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BANFO STATE: WA COUNTRY: US ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 470014.97N/1221719.54W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (GPS) RWY 35			KPLU	PUYALLUP	WA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 04/17/2025

REASON FOR REVISION:

1. FIX MOVED 5.61 FT EAST FROM "470014.98N/1221719.61W" TO "470014.97N/1221719.54W".
2. REMOVED REMARK "IPDS CALCULATED COORDINATES: 470014.980N/1221719.614W".

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A422	NAME: DANIEL WESTON
APPROVED BY:	DATE: 03/13/2025	OFFICE: AJV-A422	NAME: RAKE MCGRAW

SIGNATURE: *Digitally signed by*
RAKE MCGRAW
Mar 04, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: HULK1

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 465532.67N/1222444.05W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 35

FAC

PAT

AIRPORT IDENT
KPLU

CITY
PUYALLUP

STATE
WA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/17/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 03/13/2025

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QUALITY
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CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PULLI

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 470256.20N/1221717.06W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 35

FAC

PAT

AIRPORT IDENT
KPLU

CITY
PUYALLUP

STATE
WA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/17/2025

REASON FOR REVISION:

1. REMOVED REMARK "IPDS CALCULATED COORDINATES 470256.197N/1221717.059W".
2. REMOVED REMARK "FIX MOVED 3.00 NM SOUTH ON IAP FROM THLD TO UN-NAMED SDF PER AIR TRAFFIC REQUEST TO UTILIZE PULLI DUE TO PROXIMITY OF CITY OF PUYALLUP, WA".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

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Mar 04, 2025

QUALITY
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CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TREWS

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 465533.60N/1221054.50W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 35

FAC

PAT

AIRPORT IDENT
KPLU

CITY
PUYALLUP

STATE
WA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/17/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 03/13/2025

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