

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 475247.61N/1232833.00W 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	MRA	MAA
1	SEATTLE	SEA	VORTAC	VH	280.86	299.86	54.31	54.31	15000	45000
2	OLYMPIA	OLM	VORTAC	VH	318.00	337.00	59.33	59.33	10000	45000
3	TATOOSH	TOU	VORTAC	VH	096.14	118.14	52.73	52.73	15000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SEA	VORTAC	R-281	55	10000	14800
OLM	VORTAC	R-318	60	10000	14700
TOU	VORTAC	R-096	53	15000	16200

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES DME	MIN	MAX	MIN	MAX
1	W	SEA	VORTAC	280.86	100.86	R	1 1/2	18000	28000	18	23	

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:
SEATTLE (FAC 1) AND OLYMPIA (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CBAIN (RNAV)			KBFI	SEATTLE	WA (US)
DP	NRVNA (RNAV)			KBFI	SEATTLE	WA (US)
DP	BANGR (RNAV)			KSEA	SEATTLE	WA (US)
DP	ISBRG (RNAV)			KSEA	SEATTLE	WA (US)
EN ROUTE	J523	1, 2, 3	1			(US)
EN ROUTE	T263	1, 2, 3				(US)
STAR	ARRIE	2, 3		KTCM	TACOMA	WA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

1. REMOVED FAC 4 VICTORIA (YYJ) AND REFORMATED NUMBERS IN FIX MAKE-UP FACILITIES AND FIX USE.
2. CHANGED FAC 2 OLYMPIA (OLM) CLASS FROM "H" TO "VH" IN FIX MAKE-UP FACILITIES.
3. REMOVED SEA VORTAC FROM ARRIE IN FIX USE.

INITIATED BY: DATE: ORGANIZATION: NAME:
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: ROBERT SWINSON
APPROVED BY: DATE: 12/26/2024 OFFICE: AJV-A432 NAME: CASIMIR TABAKA

SIGNATURE:
JOSEPH L ZEDER
Aug 22, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: EMDEN

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 472552.70N/1231122.52W

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	OLYMPIA	OLM	VORTAC	VH	318.00	337.00	30.00	30.00		10000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ARRIE	1		KTCM	TACOMA	WA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

1. CHANGED FAC 1 OLYMPIA (OLM) CLASS FROM "H" TO "VH" IN FIX MAKE-UP FACILITIES.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: ROBERT SWINSON

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
JOSEPH L ZEDER

Aug 22, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WAKEN

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 471353.02N/1230349.59W

TYPE: 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	OLYMPIA	OLM	VORTAC	VH	318.00	337.00	16.95	16.95		5000	17500
2	MCCHORD	TCM	TACAN	T	267.00	282.00	24.61	24.61		5000	12200

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ARRIE	1, 2		KTCM	TACOMA	WA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

1. CHANGED FAC 1 OLYMPIA (OLM) CLASS FROM "H" TO "VH" IN FIX MAKE-UP FACILITIES.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: ROBERT SWINSON

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
JOSEPH L ZEDER
Aug 22, 2024

