

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:** NO CHANGE

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	H	280.86	299.86	54.31	54.31		10000	45000
2	OLYMPIA	OLM	VORTAC	H	318.00	337.00	59.33	59.33		10000	45000
3	TATOOSH	TOU	VORTAC	H	096.14	118.14	52.73	52.73		15000	45000
4	VICTORIA	YYJ	VOR/DME	H	162.61	179.61	50.87	50.87		15000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SEA	VORTAC	R-281	55	100	450
OLM	VORTAC	R-318	60	100	450
TOU	VORTAC	R-096	53	150	162

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	TEMPLATES MIN MAX
1	W	SEA	VORTAC	280.86	100.86	R		10 18000 28000	17 23

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ATOME (RNAV)			KSEA	SEATTLE	WA (US)
DP	BANGR (RNAV)			KSEA	SEATTLE	WA (US)
EN ROUTE	T263					(US)
EN ROUTE	J523	1, 2	1			WA (US)
STAR	ARRIE	1, 2, 3, 4		KTCM	TACOMA	WA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 06/22/2017

REASON FOR REVISION:

ADDED T263 AND ATOME (RNAV) SID TO FIX USE.
ADDED ENROUTE LOW TO REQUIRED CHARTING.

DEVELOPED BY: **DATE:** 01/17/2017 **OFFICE:** AJV-5423 **NAME:** DANIEL OLSON (HEIDI SNIDER)

APPROVED BY: **DATE:** **OFFICE:** AJV-5420 **NAME:** JULIE MORGAN

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: HOQUIAM VORTAC

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 465649.35N/1240857.37W

TYPE:

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	FAC FEET	MRA	MAA
1	HOQUIAM	HQM	VORTAC	H							45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

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	HQM	VORTAC	240.00	060.00	R	1	1600 14000	4 10
2	SW	HQM	VORTAC	242.00	062.00	R	1	1600 14000	4 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	WINDMILL (53-020850)	464728.80N/1240343.90W	829	5E
1	200	200' AAO	465239.00N/1240648.00W	260	4E
2	200	200' AAO	465239.00N/1240648.00W	260	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS BELOW 2500 FT
AIRWAY RADIALS UNPLANNED HOLDING APPROVED AT OR ABOVE 2500 FT

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOQUIAM (HQM) VORTAC 1995/E19.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PAINE			KPAE	EVERETT	WA (US)
DP	YELM			KOLM	OLYMPIA	WA (US)
DP	KENT			KBFI	SEATTLE	WA (US)
DP	NEEDLE			KBFI	SEATTLE	WA (US)
DP	ATOME (RNAV)			KSEA	SEATTLE	WA (US)
DP	BANGR (RNAV)			KSEA	SEATTLE	WA (US)
DP	ELMAA			KSEA	SEATTLE	WA (US)
DP	HAROB (RNAV)			KSEA	SEATTLE	WA (US)
DP	SEATTLE			KSEA	SEATTLE	WA (US)
EN ROUTE	CONTROL 1418					(US)
EN ROUTE	J34					(US)
EN ROUTE	J501					(US)
EN ROUTE	J70					(US)
EN ROUTE	T257					(US)
EN ROUTE	V112					(US)
EN ROUTE	V204					(US)
EN ROUTE	V27					(US)
IAP	ILS OR LOC/DME RWY 24		1	KHQM	HOQUIAM	WA (US)
IAP	VOR RWY 6		2	KHQM	HOQUIAM	WA (US)
IAP	HI TACAN RWY 14			KNUW	OAK HARBOR	WA (US)
IAP	HI TACAN RWY 32			KNUW	OAK HARBOR	WA (US)
IAP	HI TACAN RWY 7			KNUW	OAK HARBOR	WA (US)
IAP	HI TACAN Y RWY 25			KNUW	OAK HARBOR	WA (US)
IAP	HI TACAN Z RWY 25			KNUW	OAK HARBOR	WA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

1. UPDATED FIX USE, ADDED T257 AND ATOME (RNAV) SID.
2. ADDED KNUW SIAPS TO FIX USE.
3. HOQUIAM (HQM) VORTAC MAGVAR TO REMARK.

DEVELOPED BY: DATE: 03/20/2017

OFFICE: AJV-5431

NAME: TRACEY STILES

APPROVED BY: DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:**NFDC****FPO: WST****ARTCC: ZSE****ATC FACILITY:****OTHER:**