

# RADIO FIX AND HOLDING DATA RECORD

NAME: GLARA STATE: OR COUNTRY: US ICAO REGION CODE: K1  
 LATITUDE/LONGITUDE: 451640.41N/1223611.35W 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	NEWBERG	UBG	VOR/DME	H	084.76	105.76	16.51	16.51	4000	17500
2	BATTLE GROUND	BTG	VORTAC	H	160.00	181.00	28.20	28.20	4000	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	S	BTG	VORTAC	160.00	340.00	L	1		4000	6000	5	14
2	S		WP	163.00	343.00	L		4	4000	6000	5	14

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	451557.00N/1223145.00W	1218	4E
1	310	AAO	445812.00N/1223109.00W	2664	4E
2	200	AAO	451557.00N/1223145.00W	1218	4E
2	310	AAO	445812.00N/1223109.00W	2664	4E

## REASON FOR NONSTANDARD HOLDING:

PAT 1 HIGH TERRAIN  
 PAT 2 HIGH TERRAIN

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	LOC RWY 17	KUAO	AURORA	OR (US)
2	GLARA RNAV	KUAO	AURORA	OR (US)

## REMARKS:

NEWBERG (FAC 1) AND BATTLE GROUND (FAC 2) USED TO ESTABLISH FIX COORDINATES  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GLARA RNAV		2	KUAO	AURORA	OR (US)
EN ROUTE	T304					(US)
EN ROUTE	V448	1, 2				(US)
EN ROUTE	V500	1, 2				(US)
IAP	LOC RWY 17		1	KUAO	AURORA	OR (US)
IAP	RNAV (GPS)-A			KTTD	PORTLAND	OR (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11 DATE OF REVISION: 01/05/2017

## REASON FOR REVISION:

PATTERNS: CHANGED PAT 2 RAD/CRS/BRG FROM 160.00 TO 163.00 AND CHANGED CRS INBOUND FROM 340.00 TO 343.00; KUAO AIRPORT  
 MAG VAR CHANGED 3 DEGREES FROM 18E TO 15E (MAG VAR EPOCH YR 2020).

DEVELOPED BY: DATE: 08/16/2016 OFFICE: AJV-5413 NAME: JOHN THORNTON

APPROVED BY: DATE: OFFICE: AJV-5430 NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION: NFDC  
 FPO: WST  
 ARTCC: ZSE  
 ATC FACILITY: PDX APCH CON  
 OTHER:

QUALITY  
2  
CHECKED