

RADIO FIX AND HOLDING DATA RECORD

NAME: BREAF

STATE: OR

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 450151.49N/1230554.25W

TYPE: 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	DH	173.82	194.82	20.00	20.00	2000	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	UBG	VOR/DME	173.82	353.82	R	1	4000 17500	5 17
2	S	UBG	VOR/DME	173.82	353.82	L	1	2800 17500	5 13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	452112.00N/1225839.00W	1805	4E
2	200	AAO	440345.00N/1230839.00W	1368	4B
2	310	AAO	445606.00N/1232354.00W	1500	4B

REASON FOR NONSTANDARD HOLDING:

PAT 2 AIR TRAFFIC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE OR (US)
2	SALEM	KSLE	SALEM	OR (US)

REMARKS:

HOLDING PATTERNS 1 & 2 REQUESTED BY AIR TRAFFIC.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MIN HOLDING ALT FOR PAT 2 BASED ON AIRSPACE.
MRA BASED ON 2000 FT FOR LOST COMM ON SALEM DP.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE OR (US)
DP	SALEM	1	2	KSLE	SALEM	OR (US)
EN ROUTE	V495	1	2			(US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

1/31/2024: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 11/13/2023.

1. FIX USED: DELETED DP SALEM (KSLE).
2. REQUIRED CHARTING: DELETED DP AND CONTROLLER LOW.

6/11/2024: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 11/13/2023.

- 1 PATTERNS: PAT 2: DECREASED MIN ALTITUDE FROM 4000 TO 2800.
2. CONTROLLING OBSTRUCTION: ADDED TWO OBSTACLES TO PAT 2 LEVEL HOLDING AND CLIMB-IN-HOLD.
3. FIX USE: ADDED KSLE DP SALEM.
4. REMARKS: ADDED MIN HOLDING ALT FOR PAT 2 BASED ON AIRSPACE.
5. REMARKS: ADDED MRA BASED ON 2000 FT FOR LOST COMM ON SALEM DP.
6. REQUIRED CHARTING: ADDED DP AND CONTROLLER LOW.
7. PROCEDURES REQUIRING CLIMB-IN-HOLD: ADDED SALEM DP.
8. FAC MRA CHANGED FROM 4000 TO 2000.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: STEVEN DOUGHERTY

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A421

NAME: DONALD LANIER

SIGNATURE:

QUALITY
8
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MAGOT

STATE: OR

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 444025.05N/1230044.98W

TYPE: 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	EUGENE	EUG	VORTAC	VH	000.19	015.19	34.38	34.38	2000	17500
2	CORVALLIS	CVO	VOR/DME	VH	031.00	049.00		15.95	2000	17500

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

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	NE	EUG	VORTAC	031.00	211.00	R	1		2800	9000	5	14

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	445157.00N/1225945.00W	1293	4B
1	310	AAO	445127.00N/1224251.00W	1510	4B

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	SALEM	KSLE	SALEM	OR (US)

REMARKS:

EUGENE (FAC 1) AND CORVALLIS (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MIN HOLDING ALT FOR PAT 1 BASED ON AIRSPACE.
MRA BASED ON 2000 FT FOR LOST COMM ON SALEM DP.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SALEM		1	KSLE	SALEM	OR (US)
EN ROUTE	V23	1, 2				(US)
IAP	RNAV (GPS) RWY 17			KCVO	CORVALLIS	OR (US)
IAP	VOR RWY 17	1, 2		KCVO	CORVALLIS	OR (US)
IAP	VOR-A	1, 2		KCVO	CORVALLIS	OR (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

- ADDING HOLDING PATTERN AND ASSOCIATED INFORMATION.
- HOLDING RESTRICTIONS: ADDED "HOLDING LIMITED TO ESTABLISHED PATTERN".
- PROCEDURES REQUIRING CLIMB-IN-HOLD: ADDED KSLE SALEM DP
- REMARKS: ADDED "PRECIPITOUS TERRAIN EVALUATION COMPLETED"
- FIX USE: ADDED KSLE SALEM DP.
- RQUIRED CHARTING: ADDED "DP".
- FIX MAKE-UP FACILITIES FAC 1 AND 2 CHANGED MRA FROM 3000 TO 2000.
- REMARKS: ADDED MIN HOLDING ALT FOR PAT 1 BASED ON AIRSPACE.
- REMARKS: ADDED MRA FOR FAC 1 AND 2 BASED ON 2000 FT FOR LOST COMM ON SALEM DP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A441

NAME: STEVEN DOUGHERTY

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A441

NAME: DONALD LANIER

SIGNATURE:

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