

RADIO FIX AND HOLDING DATA RECORD

NAME: EUGENE VORTAC **STATE:** OR **COUNTRY:** US **ICAO REGION CODE:** K1

LATITUDE/LONGITUDE: 440715.24N/1231322.19W **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	MRA FEET	MAA
1	EUGENE	EUG	VORTAC	H						45000

FIX RESTRICTIONS:

MCA V121 3700 NORTHEAST BOUND
MCA V269 3800 NORTHEAST BOUND
HOLDING LIMITED TO ESTABLISHED PATTERNS.

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	N	EUG	VORTAC	355.00	175.00	R	1		3400	17500	4	16
2	SW	EUG	VORTAC	204.00	024.00	R	1		4000	17500	4	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	440751.00N/1231845.00W	962	4E
1	310	AAO	441251.00N/1225915.00W	3291	4A
2	200	AAO	440057.00N/1232221.00W	1293	4E

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF MINIMUMS	KEUG	EUGENE	OR (US)
1	EUGENE SID	KEUG	EUGENE	OR (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
THE CONTROLLING OBSTACLE IN THE PTN 1, CIH (HOLDING PATTERN 12) IS IN THE SECONDARY AREA (AAO 3307, 441251.00N/1225912.00W PRIMARY EQ ELEV 2335).
THE MCA/A ARE BEING EVALUATED TO ENSURE THEY MEET CRITERIA.
EUG VORTAC MAGVAR: 20E, EPOCH YEAR 1980

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SHED			KCVO	CORVALLIS	OR (US)
DP	EUGENE SID		1	KEUG	EUGENE	OR (US)
DP	TAKEOFF MINIMUMS		1	KEUG	EUGENE	OR (US)
DP	KINGSLEY			KLMT	KLAMATH FALLS	OR (US)
DP	BERNI (RNAV)			KHIO	PORTLAND	OR (US)
DP	REDMOND			KRDM	REDMOND	OR (US)
DP	SALEM			KSLE	SALEM	OR (US)
DP	SEATTLE			KSEA	SEATTLE	WA (US)
EN ROUTE	J126					(US)
EN ROUTE	J143					(US)
EN ROUTE	V121					(US)
EN ROUTE	V23					(US)
EN ROUTE	V269					(US)
EN ROUTE	V448					(US)
EN ROUTE	V452					(US)
EN ROUTE	V481					(US)
IAP	ILS OR LOC RWY 17			KCVO	CORVALLIS	OR (US)
IAP	RNAV (GPS) RWY 35			KCVO	CORVALLIS	OR (US)
IAP	VOR-A			KCVO	CORVALLIS	OR (US)
IAP	VOR/DME RWY 17			KCVO	CORVALLIS	OR (US)
IAP	VOR/DME RWY 35			KCVO	CORVALLIS	OR (US)
IAP	ILS OR LOC RWY 16L			KEUG	EUGENE	OR (US)
IAP	ILS OR LOC RWY 16R			KEUG	EUGENE	OR (US)
IAP	ILS RWY 16R (CATII)			KEUG	EUGENE	OR (US)
IAP	ILS RWY 16R (CATIII)			KEUG	EUGENE	OR (US)
IAP	ILS RWY 16R (SA CAT I)			KEUG	EUGENE	OR (US)
IAP	RNAV (GPS) Y RWY 34L			KEUG	EUGENE	OR (US)
IAP	RNAV (GPS) Y RWY 34R			KEUG	EUGENE	OR (US)
IAP	VOR A		2	KEUG	EUGENE	OR (US)
IAP	VOR OR TACAN RWY 16R			KEUG	EUGENE	OR (US)
IAP	VOR OR TACAN RWY 34L			KEUG	EUGENE	OR (US)
STAR	MOXEE			KPDX	PORTLAND	OR (US)

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



COMPULSORY REPORTING POINT: NO**RECORD REVISION NUMBER: 20****DATE OF REVISION: 11/10/2016****REASON FOR REVISION:**

UPDATED FIX USE, ADDED ILS RWY 16R (SA CAT I) AT KEUG, REMOVED THE NDB RWY 17 AT KCVO, UPDATED PROCEDURE NAME OF THE ILS AT KCVO TO ILS OR LOC RWY 17. REMOVED THE LOC/DME RWY 31 AT KRDM AND THE LOC/DME RWY 31 AT KSLE. REMOVED DME FROM ALL EUG APPROACHES.

RAISED MINIMUM HOLDING FROM 3000 TO 3400 BASED ON 3291 AAO (CLIMB-IN-HOLD) OBSTACLE.

MOVED HOLDING LIMITED TO ESTABLISHED PATTERNS TO FIX RESTRICTION.

ADDED FACILITY MAGVAR TO REMARKS.

MODIFIED PATTERN 1 LEG LENGTH TO 1 MINUTE.

DEVELOPED BY: **DATE:** 04/18/2016**OFFICE:** AJV-5433**NAME:** RONALD SALPINO**APPROVED BY:** **DATE:****OFFICE:** AJV-5430**NAME:** LONNIE EVERHART**SIGNATURE:****DISTRIBUTION:****NFDC****FPO:** WST**ARTCC:** ZSE**ATC FACILITY:** EUG**OTHER:**

QUALITY
11
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MALBN

STATE: OR

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 441722.35N/1230424.05W

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 NM	FAC FEET	MRA	MAA
1	EUGENE	EUG	VORTAC	H	012.47	032.47	12.00	12.00		5000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE OR (US)
IAP	VOR OR TACAN RWY 16R	1		KEUG	EUGENE	

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

UPDATED FIX USE, CHANGED VOR/DME OR TACAN RWY 16R TO VOR OR TACAN RWY 16R.

DEVELOPED BY: DATE: 08/05/2016 OFFICE: AJV-5433 NAME: RONALD SALPINO

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

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZSE
ATC FACILITY: CASCADE APP CON, EUG ATCT
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: MOHWK **STATE:** OR **COUNTRY:** US **ICAO REGION CODE:** K1

LATITUDE/LONGITUDE: 440830.81N/1225648.01W **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 NM	FAC FEET	MRA	MAA
1	EUGENE	EUG	VORTAC	H	063.88	083.88	12.00	12.00		6000	17500

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	NE	EUG	VORTAC	063.88	243.88	L	4	5000 10000	5 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	200' AAO	440912.00N/1224253.00W	3463	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE OR (US) OR (US)
EN ROUTE	V21					
IAP	VOR OR TACAN RWY 16R			KEUG	EUGENE	

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 11/10/2016

REASON FOR REVISION:

UPDATED FIX USE. REMOVED DME FROM THE PROCEDURE NAME.

DEVELOPED BY: **DATE:** 08/05/2016 **OFFICE:** AJV-5433 **NAME:** RONALD SALPINO

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

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZSE
ATC FACILITY: CASCADE APP/DEP CON
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: WEBST

STATE: OR

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 441130.74N/1231232.32W

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 NM	FAC FEET	MRA	MAA
1	EUGENE	EUG	VORTAC	H	347.99	007.99	4.30	4.30	26128	1500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE OR (US)
IAP	VOR OR TACAN RWY 16R			KEUG	EUGENE	

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

UPDATED FIX USE. REMOVED /DME FROM PROCEDURE NAME.

DEVELOPED BY:

DATE: 08/05/2016

OFFICE: AJV-5433

NAME: RONALD SALPINO

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZSE
ATC FACILITY: CASCADE APP/DEP CON, EUG ATCT
OTHER:

QUALITY
11
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WEKOS

STATE: OR

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 441908.25N/1231102.79W

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 NM	FAC FEET	MRA	MAA
1	EUGENE	EUG	VORTAC	H	347.99	007.99	12.00	12.00		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE OR (US)
IAP	VOR OR TACAN RWY 16R			KEUG	EUGENE	

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

UPDATED FIX USE. REMOVED /DME FOR PROCEDURE NAME.

DEVELOPED BY:

DATE: 08/05/2016

OFFICE: AJV-5433

NAME: RONALD SALPINO

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZSE
ATC FACILITY: CASCADE APP CON, EUG ATCT
OTHER:

QUALITY
11
CHECKED