

RADIO FIX AND HOLDING DATA RECORD

NAME: CORVALLIS VOR/DME **STATE:** OR **COUNTRY:** US **ICAO REGION CODE:** K1
LATITUDE/LONGITUDE: 442958.45N/1231737.21W **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	MAA
1	CORVALLIS	CVO	VOR/DME	H						45000

FIX RESTRICTIONS:

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	SE	CVO	VOR/DME	154.00	334.00	R	1		3000	8000	4	8
2	E	CVO	VOR/DME	081.00	261.00	R	1		3400	17500	4	16
3	N	CVO	VOR/DME	356.60	176.60	R	1		4000	17500	4	16
4	SW	CVO	VOR/DME	212.37	032.37	R	1		3500	14000	4	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	442506.00N/1232121.00W	1359	2C
2	200	AAO	443134.00N/1232306.00W	1239	2C
2	310	AAO	443747.55N/1232108.46W	2355	2C
3	200	AAO	443747.55N/1232108.46W	2355	2C
4	200	AAO	442534.12N/1232804.36W	2319	2C

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	TAKEOFF/DEPARTURE	KS12	ALBANY	OR (US)
2	TAKEOFF/DEPARTURE	KCVO	CORVALLIS	OR (US)

REMARKS:

PAT 3 ATC REQUESTED.
 PRECIPITOUS TERRAIN EVALUATION COMPLETE.
 CVO FACILITY MAGVAR - E18/1995.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKEOFF/DEPARTURE		2	KS12	ALBANY	OR (US)
DP	CORVALLIS			KCVO	CORVALLIS	OR (US)
DP	SHEDD			KCVO	CORVALLIS	OR (US)
DP	TAKEOFF/DEPARTURE		2	KCVO	CORVALLIS	OR (US)
DP	EUGENE			KEUG	EUGENE	OR (US)
DP	REDMOND			KRDM	REDMOND	OR (US)
DP	SALEM			KSLE	SALEM	OR (US)
DP	ELMAA			KSEA	SEATTLE	WA (US)
EN ROUTE	J589					(US)
EN ROUTE	V481					(US)
EN ROUTE	V495					(US)
EN ROUTE	V536					(US)
IAP	VOR/DME OR GPS-A		4	KS12	ALBANY	OR (US)
IAP	ILS OR LOC RWY 17			KCVO	CORVALLIS	OR (US)
IAP	RNAV (GPS) 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 16L		1	KEUG	EUGENE	OR (US)
IAP	ILS OR LOC RWY 16R		1	KEUG	EUGENE	OR (US)
IAP	ILS RWY 16R (CAT II)		1	KEUG	EUGENE	OR (US)
IAP	ILS RWY 16R (CAT III)		1	KEUG	EUGENE	OR (US)
IAP	ILS RWY 16R (SA CAT I)			KEUG	EUGENE	OR (US)
IAP	RNAV (GPS) Y RWY 16L			KEUG	EUGENE	OR (US)
IAP	RNAV (GPS) Y RWY 16R			KEUG	EUGENE	OR (US)
IAP	RNAV (RNP) Z RWY 16L			KEUG	EUGENE	OR (US)
IAP	RNAV (RNP) Z RWY 16R			KEUG	EUGENE	OR (US)
IAP	ILS OR LOC Z RWY 31			KSLE	SALEM	OR (US)
IAP	LOC Y RWY 31			KSLE	SALEM	OR (US)
IAP	LOC/DME BC RWY 13			KSLE	SALEM	OR (US)
IAP	RNAV (GPS) RWY 31			KSLE	SALEM	OR (US)

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

QUALITY
18
CHECKED

COMPULSORY REPORTING POINT: NO**RECORD REVISION NUMBER: 19****DATE OF REVISION: 11/10/2016****REASON FOR REVISION:**

UPDATED FIX USE ADDED ILS RWY 16R (SA CAT I) AT KEUG.
MOVED HOLDING LIMITED TO ESTABLISHED PATTERNS TO FIX RESTRICTION.
UPDATED THE ILS OR LOC/DME RWY 16L/R TO ILS OR LOC RWY 16L/R AT KEUG.
UPDATED PATTERN 2 AND 3 TIME FROM 1 1/2 MINUTE TO 1.

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
18
CHECKED

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	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 TIME	LENGTH 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

QUALITY
18
CHECKED

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:**

RADIO FIX AND HOLDING DATA RECORD

NAME: FIPMA

STATE: OR

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 442258.69N/1231223.08W

TYPE: WP, 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	I-ADE	LOC/DME		343.39	359.39	16.15	16.15		3600	4800

FIX RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	N		WP	343.40	163.40	L		4	3600	14000	5	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	200' AAO	442550.00N/1231608.00W	679	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

REMARKS:

EUGENE (FAC 1) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 LAT/LONG DETERMINED BY ARC TANGENT OF I-ADE N COURSE (359.39T) AND DME 16.15 NM.
 I-ADE DME ANTENNA: 440649.77N/1231203.46W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 16L	1		KEUG	EUGENE	OR (US)
IAP	RNAV (GPS) Y RWY 16L		1	KEUG	EUGENE	OR (US)
IAP	RNAV (RNP) Z RWY 16L			KEUG	EUGENE	OR (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

REMOVED /DME FROM ILS OR LOC/DME PROCEDURE.
 MOVED HOLDING LIMITED TO ESTABLISHED PATTERN TO FIX RESTRICTION.

DEVELOPED BY:

DATE: 07/01/2016

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
 OTHER:

QUALITY
 18
 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HULTA STATE: OR COUNTRY: US ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 440916.71N/1231210.98W TYPE: WP, 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	I-ADE	LOC/DME		343.39	359.39	2.45	2.45		720	2000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 16L	1		KEUG	EUGENE	OR (US)
IAP	RNAV (GPS) Y RWY 16L			KEUG	EUGENE	OR (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

REMOVE /DME FROM THE ILS OR LOC/DME RWY 16L PROCEDURE IN FIX USE

DEVELOPED BY: DATE: 07/01/2016 OFFICE: AJV-5433 NAME: RONALD SALPINO

APPROVED BY: DATE: OFFICE: AJV-5433 NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

QUALITY
18
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SAGIN STATE: OR COUNTRY: US ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 435124.34N/1231018.46W TYPE: WP, 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	152.04	172.04	16.00	16.00		4000	17500

FIX RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

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	SE		WP	156.04	336.04	R		5	5200	14000	6	11
2	SE	EUG	VORTAC	152.04	332.04	R	1		5200	14000	6	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	200' AAO	434410.41N/1230923.54W	2319	2C
1	310	200' AAO	433256.70N/1230007.20W	4180	6A
2	200	200' AAO	434410.41N/1230923.54W	2319	2C
2	310	200' AAO	433256.70N/1230007.20W	4180	6A

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) Y RWY 16L	KEUG	EUGENE	OR (US)
2	ILS OR LOC RWY 16L	KEUG	EUGENE	OR (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V23	1				(US)
IAP	ILS OR LOC RWY 16L	1	2	KEUG	EUGENE	OR (US)
IAP	RNAV (GPS) Y RWY 16L		1	KEUG	EUGENE	OR (US)
IAP	RNAV (RNP) Z RWY 16L			KEUG	EUGENE	OR (US)
IAP	RNAV (RNP) Z RWY 16R			KEUG	EUGENE	OR (US)
IAP	RNAV (RNP) Z RWY 34R			KEUG	EUGENE	OR (US)
IAP	VOR OR TACAN RWY 34L	1		KEUG	EUGENE	OR (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

REMOVE /DME FROM THE ILS OR LOC/DME RWY 16L AND VOR/DME OR TACAN RWY 34L PROCEDURE IN FIX USE. MOVED HOLDING LIMITED TO ESTABLISHED PATTERNS TO FIX RESTRICTION.

DEVELOPED BY: DATE: 07/01/2016 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
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: SHEDD STATE: OR COUNTRY: US ICAO REGION CODE: K1
 LATITUDE/LONGITUDE: 442832.88N/1230517.61W 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 NM	FAC FEET	MRA	MAA
1	EUGENE	EUG	VORTAC	H	355.19	015.19	22.07	22.07		3000	17500
2	CORVALLIS	CVO	VOR/DME	H	081.11	099.11	8.94	8.94		3000	17500

FIX RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

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	N	EUG	VORTAC	355.19	175.19	R	1-1 1/2	3000 17500	5 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	442809.00N/1230124.00W	926	4E

REMARKS:

EUGENE (FAC 1) AND CORVALLIS (FAC 2) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SHEDD DEPARTURE	1, 2		KCVO	CORVALLIS	OR (US)
EN ROUTE	V23	1, 2				(US)
EN ROUTE	V536	1, 2				(US)
IAP	ILS OR LOC RWY 17	1, 2	1	KCVO	CORVALLIS	OR (US)
IAP	VOR-A	2	1	KCVO	CORVALLIS	OR (US)
IAP	VOR/DME RWY 17	2	1	KCVO	CORVALLIS	OR (US)
IAP	VOR/DME RWY 35	2		KCVO	CORVALLIS	OR (US)
IAP	ILS OR LOC RWY 16L	1		KEUG	EUGENE	OR (US)
IAP	RNAV (GPS) Y RWY 16L			KEUG	EUGENE	OR (US)
IAP	RNAV (GPS) Y RWY 16R			KEUG	EUGENE	OR (US)
IAP	RNAV (RNP) Z RWY 16L			KEUG	EUGENE	OR (US)
IAP	RNAV (RNP) Z RWY 16R			KEUG	EUGENE	OR (US)
IAP	RNAV (RNP) Z RWY 34L			KEUG	EUGENE	OR (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

ADDED 22.07 DME DIST FROM FAC 1.
 UPDATED HOLDING PATS 1 CONTROLLING OBS FROM 1059 TO 926 AAO.
 REMOVED KCVO RNAV (GPS) RWY 17 FROM FIX USE AND REMOVED HOLDING PAT 2.
 REMOVED KCVO RNAV (GPS) RWY 35 FROM FIX USE AND REMOVED HOLDING PAT 3.
 REMOVE /DME FROM THE ILS OR LOC/DME RWY 16L PROCEDURE IN FIX USE.
 MOVED HOLDING LIMITED TO ESTABLISHED PATTERN TO FIX RESTRICTION.

DEVELOPED BY: DATE: 07/01/2016 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
 OTHER:

QUALITY
 18
 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZUNAX

STATE: OR

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 441254.36N/1231214.21W

TYPE: WP, 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	I-ADE	LOC/DME		343.39	359.39	6.08	6.08	36944	2000	4800

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-ADE DME ANTENNA: 440649.77N/1231203.46W.
RNAV FORMULA USED TO DETERMINE PFAF LOCATION.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE OR (US)
IAP	ILS OR LOC RWY 16L	1		KEUG	EUGENE	

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

REMOVED /DME FROM PROCEDURE TITLE.

DEVELOPED BY:

DATE: 07/01/2016

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
OTHER:

QUALITY
18
CHECKED