U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
GNATS	SIX	GNATS6.GNATS	FIVE	09 FEB 12	

TYPE: SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 14: CLIMBING RIGHT TURN ON HEADING 350.00 TO INTERCEPT BEARING 272 FROM MEF NDB TO GNATS INT. THENCE...
TAKEOFF RWY 32: CLIMB ON HEADING 322.77 TO 1800 THEN CLIMBING LEFT TURN ON HEADING 250.00 TO INTERCEPT BEARING 272 FROM MEF NDB TO GNATS INT. THENCE...

...VIA (TRANSITION) OR (ASSIGNED ROUTE). MAINTAIN 11000 OR ASSIGNED LOWER ALTITUDE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
COPPO	GNATS6.COPPO	GNATS INT	OLECY	216.01 (OED R-216)	9.23	6200		
		OLECY	COPPO	OED 15.00 DME ARC CCW		7400		
DREWS	GNATS6.DREWS	GNATS INT	MERLI INT	271.61 (MEF BRG-272)	10.91	6600		
		MERLI INT	DREWS	OED 15.00 DME ARC CW		7500		
HANDY	GNATS6.HANDY	GNATS INT	OLECY	216.01 (OED R-216)	9.23	6200		
		OLECY	HANDY	OED 15.00 DME ARC CCW		7400		
KOLER	GNATS6.KOLER	GNATS INT	MERLI INT	271.61 (MEF BRG-272)	10.91	6600		
		MERLI INT	KOLER INT	334.15 (RBG R-154)	17.42	8000	7500	
MOURN	GNATS6.MOURN	GNATS INT	MERLI INT	271.61 (MEF BRG-272)	10.91	6600		
		MERLI INT	UZEHE	OED 15.00 DME ARC CW		7500		
		UZEHE	MOURN INT	333.25 (OED R-333)	16.00	7000		
TALEM	GNATS6.TALEM	GNATS INT	OLECY	216.01 (OED R-216)	9.23	6200		
		OLECY	LIPWO	OED 15.00 DME ARC CCW		7400		
		LIPWO	TALEM	156.55 (OED R-157)	5.00	10000		

QUALITY CHECKED

GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
GNATS	SIX	GNATS6.GNATS	FIVE	09 FEB 12	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

TAKEOFF RWY 14: STANDARD WITH A MINIMUM CLIMB OF 435 FT PER NM TO 4800.
TAKEOFF RWY 32: STANDARD WITH A MINIMUM CLIMB OF 400 FT PER NM TO 6800.
CHART NOTE: ADF AND DME REQUIRED

TAKEOFF OBSTACLES NOTES:

CONTROLLING OBSTACLES:

RWY 14: 4039 FT MSL AAO 422051.31N/1230139.26W

RWY 32: 4694 FT MSL AAO 424204.60N/1225616.60W.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART V-495 (MERLI TO KOLER)
CHART V-122 (OED 15.00 DME OUTBOUND)
CHART V-23 (OED 15 DME OUTBOUND TO TALEM)
CHART V-23-121 (OED 15 DME OUTBOUND TO MOURN)

AIRPORTS SERVED:

ROGUE VALLEY INTL – MEDFORD, OR

QUALITY CHECK

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
GNATS	SIX	GNATS6.GNATS	FIVE	09 FEB 12	

COMMUNICATIONS:

ATIS, GND CON, MFR TWR, CASCADE APP / DEP CON, SEATTLE CENTER, CTAF

FIXES AND/OR NAVAIDS:

REMARKS:

WAIVER SUBMITTED FOR USE OF DME ARC ON SID

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
GNATS	SIX	GNATS6.GNATS	FIVE	09 FEB 12	

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:
ROUTINE

DEVELOPED BY:

ADOLFO URRUTIA (DANA MITCHELL) — AJV-354 — 03/20/2012

APPROVED BY:

DEZ SILAGYI — AJV-354

COORDINATED WITH:

ALPA, AOPA, APA, NBAA, ATA, ZSE, CASCADE APP/DEP CON, MFR TWR, ARPT MGR, OR AERO DIV

CHANGES:

1. REMOVED REFERENCE TO RWY 09 / 27.
2. RWY 14 CG INCREASED FROM 430' PER NM TO 435' PER NM.
3. UPDATED CONTROLLING OBSTACLES.

REASONS:

1. RWY CLOSED PERMANENTLY.
2. OBSTACLE EVALUATION.
3. OBSTACLE EVALUATION.

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
GNATS	SIX	GNATS6.GNATS	FIVE	09 FEB 12	

ARINC PACKET - 424-18 - SID

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        CIC   K2010980VDT  N39472337W121504990    N39472337W121504990E0160002150     NARCHICO
        SUSAD        OED   K1011360VTHA N42284647W122544656    N42284647W122544656E0190020832     NARROGUE VALLEY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   COPPO K10    R     N42134626W122543683                      E0152     NAR           COPPO
        SUSAEAENRT   DREWS K10    R   H N42434470W122532272                      E0154     NAR           DREWS
        SUSAEAENRT   GNATS K10    R   L N42252853W123010997                      E0153     NAR           GNATS
        SUSAEAENRT   HANDY K10    R   H N42140689W122502807                      E0152     NAR           HANDY
        SUSAEAENRT   KOLER K10    R   L N42460496W123173813                      E0154     NAR           KOLER
        SUSAEAENRT   LIPWO K10    R   L N42134885W122531256                      E0152     NAR           LIPWO
        SUSAEAENRT   MERLI K10    R   L N42284468W123151339                      E0154     NAR           MERLI
        SUSAEAENRT   MOURN K10    R   L N42592993W123002823                      E0155     NAR           MOURN
        SUSAEAENRT   OLECY K10    R   L N42200894W123112069                      E0153     NAR           OLECY
        SUSAEAENRT   TALEM K10    C   L N42084970W122524150                      E0152     NAR           TALEM
        SUSAEAENRT   UZEHE K10    R   L N42433855W122573124                      E0154     NAR           UZEHE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMFRK1AMFR     0     088YHN42222720W122522460E016001335         1800018000C    MNAR    ROGUE VALLEY INTL - MEDFORD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMFRK1DGNATS61RW14  010         0        CA                    1428        + 01735     18000
        SUSAP KMFRK1DGNATS61RW14  020         0    R   VIY                   3500
        SUSAP KMFRK1DGNATS61RW14  030GNATSK1EA0EE      CF CIC K2      3258166727200060D
        SUSAP KMFRK1DGNATS61RW32  010         0        VA                    3228        + 01800     18000
        SUSAP KMFRK1DGNATS61RW32  020         0        VI                    2500
        SUSAP KMFRK1DGNATS61RW32  030GNATSK1EA0EE      CF CIC K2      3258166727200040D
        SUSAP KMFRK1DGNATS63COPPO 010GNATSK1EA0E       IF                                          18000
        SUSAP KMFRK1DGNATS63COPPO 020OLECYK1EA0E       TF OED K1      2160015021600092D
        SUSAP KMFRK1DGNATS63COPPO 030COPPOK1EA0EE  L   AF OED K1      160501502160    D
        SUSAP KMFRK1DGNATS63DREWS 010GNATSK1EA0E       IF                                          18000
        SUSAP KMFRK1DGNATS63DREWS 020MERLIK1EA0E       TF OED K1      2510015127160109D
        SUSAP KMFRK1DGNATS63DREWS 030DREWSK1EA0EE  R   AF OED K1      344901502510    D
        SUSAP KMFRK1DGNATS63HANDY 010GNATSK1EA0E       IF                                          18000
        SUSAP KMFRK1DGNATS63HANDY 020OLECYK1EA0E       TF OED K1      2160015021600092D
        SUSAP KMFRK1DGNATS63HANDY 030HANDYK1EA0EE  L   AF OED K1      148701502160    D
```

QUALITY 1 CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
GNATS	SIX	GNATS6.GNATS	FIVE	09 FEB 12	

```
SUSAP KMFRK1DGNATS63KOLER 010GNATSK1EA0E       IF                                      18000
SUSAP KMFRK1DGNATS63KOLER 020MERLIK1EA0E       TF                    27160109
SUSAP KMFRK1DGNATS63KOLER 030KOLERK1EA0EE      TF                    33420174
SUSAP KMFRK1DGNATS63MOURN 010GNATSK1EA0E       IF                                      18000
SUSAP KMFRK1DGNATS63MOURN 020MERLIK1EA0E       TF OED K1      2510015127160109D
SUSAP KMFRK1DGNATS63MOURN 030UZEHEK1EA0E   R   AF OED K1      333301502510    D
SUSAP KMFRK1DGNATS63MOURN 040MOURNK1EA0EE      TF                    33330160
SUSAP KMFRK1DGNATS63TALEM 010GNATSK1EA0E       IF                                      18000
SUSAP KMFRK1DGNATS63TALEM 020OLECYK1EA0E       TF OED K1      2160015021600092D
SUSAP KMFRK1DGNATS63TALEM 030LIPWOK1EA0E   L   AF OED K1      156601502160    D
SUSAP KMFRK1DGNATS63TALEM 040TALEMK1EA0EE      TF                    15660050
```

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMFRK1GRW14     0088001428 N42231038W122524507+0500    +0370101294000058150IIMFR1
        SUSAP KMFRK1GRW32     0088003228 N42214936W122520261-0500    +0382601335000050150R
```

QUALITY CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
GNATS	SIX	GNATS6.GNATS	FIVE	09 FEB 12	

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW14		010		CA		FB		142.8()		AA 01735	
	RW14		020		VI	R	FB		350.0()			
	RW14	GNATS	030		CF		FB		272.0()	006.0		
	RW32		010		VA		FB		322.8()		AA 01800	
	RW32		020		VI		FB		250.0()			
	RW32	GNATS	030		CF		FB		272.0()	004.0		
	COPPO	GNATS	010		IF		FB					
	COPPO	OLECY	020		TF		FB		216.0()	009.2		
	COPPO	COPPO	030		AF	L	FB		216.0()			
	DREWS	GNATS	010		IF		FB					
	DREWS	MERLI	020		TF		FB		271.6()	010.9		
	DREWS	DREWS	030		AF	R	FB		251.0()			
	HANDY	GNATS	010		IF		FB					
	HANDY	OLECY	020		TF		FB		216.0()	009.2		
	HANDY	HANDY	030		AF	L	FB		216.0()			
	KOLER	GNATS	010		IF		FB					
	KOLER	MERLI	020		TF		FB		271.6()	010.9		
	KOLER	KOLER	030		TF		FB		334.2()	017.4		
	MOURN	GNATS	010		IF		FB					
	MOURN	MERLI	020		TF		FB		271.6()	010.9		
	MOURN	UZEHE	030		AF	R	FB		251.0()			
	MOURN	MOURN	040		TF		FB		333.3()	016.0		
	TALEM	GNATS	010		IF		FB					
	TALEM	OLECY	020		TF		FB		216.0()	009.2		
	TALEM	LIPWO	030		AF	L	FB		216.0()			
	TALEM	TALEM	040		TF		FB		156.6()	005.0		

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
CIC	N394723.37	W1215049.90	N3947.390	W12150.832
OED	N422846.47	W1225446.56	N4228.775	W12254.776
COPPO	N421346.26	W1225436.83	N4213.771	W12254.614
DREWS	N424344.70	W1225322.72	N4243.745	W12253.379
GNATS	N422528.53	W1230109.97	N4225.476	W12301.166
HANDY	N421406.89	W1225028.07	N4214.115	W12250.468
KOLER	N424604.96	W1231738.13	N4246.083	W12317.636
LIPWO	N421348.85	W1225312.56	N4213.814	W12253.209
MERLI	N422844.68	W1231513.39	N4228.745	W12315.223
MOURN	N425929.93	W1230028.23	N4259.499	W12300.471
OLECY	N422008.94	W1231120.69	N4220.149	W12311.345
TALEM	N420849.70	W1225241.50	N4208.828	W12252.692
UZEHE	N424338.55	W1225731.24	N4243.643	W12257.521

QUALITY CHECKED 1

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
GNATS	SIX	GNATS6.GNATS	FIVE	09 FEB 12	

RW14	N422310.38	W1225245.07	N4223.173	W12252.751
RW32	N422149.36	W1225202.61	N4221.823	W12252.044

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW14	01294	58
RW32	01335	50

QUALITY CHECKED 1

RADIO FIX AND HOLDING DATA RECORD

NAME: COPPO **STATE:** OR **COUNTRY:** US

LATITUDE/LONGITUDE: 421346.26N/1225436.83W **TYPE:** DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	ROGUE VALLEY	OED	VORTAC	H	160.54	179.54	15.00	15.00		9000	45000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRUTE	1		KMFR	MEDFORD	OR (US)
DP	GNATS	1		KMFR	MEDFORD	OR (US)

REQUIRED CHARTING: DP, CONTROLLER

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. UPDATED MRA/MAA

DEVELOPED BY: **DATE:** 04/10/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DANA MITCHELL)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZSE
ATC FACILITY: MFR ATCT, CASCADE APP CONTROL
OTHER:

QUALITY CHECK

RADIO FIX AND HOLDING DATA RECORD

NAME: DREWS **STATE:** OR **COUNTRY:** US

LATITUDE/LONGITUDE: 424344.70N/1225322.72W **TYPE:** DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	ROGUE VALLEY	OED	VORTAC	H	344.94	003.94	15.00	15.00		7500	45000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRUTE	1		KMFR	MEDFORD	OR (US)
DP	GNATS	1		KMFR	MEDFORD	OR (US)
EN ROUTE	J1	1				(US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. CHANGED MRA TO 7500 FROM 7000

DEVELOPED BY: **DATE:** 04/10/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DANA MITCHELL)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

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

QUALITY CHECK

RADIO FIX AND HOLDING DATA RECORD

NAME: GNATS **STATE:** OR **COUNTRY:** US

LATITUDE/LONGITUDE: 422528.53N/1230109.97W **TYPE:** INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	ROGUE VALLEY	OED	VORTAC	H	216.15	235.15	5.77	5.77		3500	17500
2	MEDFORD	MEF	NDB	MH	271.62	287.62		6.55		3500	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GNATS	1, 2		KMFR	MEDFORD	OR (US)
EN ROUTE	V122	1, 2				(US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. UPDATED ATC FACILITY

DEVELOPED BY: **DATE:** 04/11/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DANA MITCHELL)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZSE
ATC FACILITY: MFR ATCT, CASCADE APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HANDY **STATE:** OR **COUNTRY:** US

LATITUDE/LONGITUDE: 421406.89N/1225028.07W **TYPE:** DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	ROGUE VALLEY	OED	VORTAC	H	148.68	167.68	15.00	15.00		9000	45000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRUTE	1		KMFR	MEDFORD	OR (US)
DP	GNATS	1		KMFR	MEDFORD	OR (US)
EN ROUTE	J1-126	1				(US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. CHANGED MRA FORM 10000 TO 9000

DEVELOPED BY: **DATE:** 04/10/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DANA MITCHELL)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZSE
ATC FACILITY: MFR ATCT, CASCADE APP CON
OTHER:

QUALITY CHECK

RADIO FIX AND HOLDING DATA RECORD

NAME: LIPWO **STATE:** OR **COUNTRY:** US

LATITUDE/LONGITUDE: 421348.85N/1225312.56W **TYPE:** DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	ROGUE VALLEY	OED	VORTAC	H	156.55	175.55	15.00	15.00		9000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRUTE	1		KMFR	MEDFORD	OR (US)
DP	GNATS	1		KMFR	MEDFORD	OR (US)
EN ROUTE	V23	1				OR (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. CHANGED MRA FROM 10000 TO 9000

DEVELOPED BY: **DATE:** 04/10/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DANA MITCHELL)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

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

QUALITY CHECK

RADIO FIX AND HOLDING DATA RECORD

NAME: MERLI

STATE: OR **COUNTRY:** US

LATITUDE/LONGITUDE: 422844.68N/1231513.39W

TYPE: INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	ROSEBURG	RBG	VOR/DME	L	154.08	174.08		42.41		8000	17500
2	ROGUE VALLEY	OED	VORTAC	H	251.00	270.00	15.13	15.13		8000	17500
3	MEDFORD	MEF	NDB	MH	271.61	287.61		17.46		8000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
RBG	VOR/DME	R-154	43	6300	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:
ROSEBURG (FAC1) AND ROGUE VALLEY (FAC2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GNATS	1, 2, 3		KMFR	MEDFORD	OR (US)
EN ROUTE	V495	1, 2				(US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 11/15/2012

REASON FOR REVISION:
1. ADDED MEDFORD NDB TO FAC LIST
2. UPDATED MRA FOR ALL 3 FACILITIES
3. UPDATED FIX USE
4. UPDATED ATC FACILITY

08/24/12: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/11/12.
1. CHANGED ROSENBURG VOR/DME MRA FROM 6500 TO 8000.
2. CHANGED MEDFORD NDB MRA FROM 6500 TO 8000.

DEVELOPED BY: **DATE:** 04/11/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DANA MITCHELL)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

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

FAA FORM 8260-2 / AUG 2009

RADIO FIX AND HOLDING DATA RECORD

NAME: MOURN **STATE:** OR **COUNTRY:** US

LATITUDE/LONGITUDE: 425929.93N/1230028.23W **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	DIST FROM FAC FEET	MRA	MAA
1	ROGUE VALLEY	OED	VORTAC	H	333.25	352.25	31.00	31.00		7000	17500
2	ROSEBURG	RBG	VOR/DME	L	106.96	126.96		18.98		7000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
ROGUE VALLEY (FAC1) AND ROSEBURG (FAC2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRUTE	1, 2		KMFR	MEDFORD	OR (US)
DP	GNATS	1, 2		KMFR	MEDFORD	OR (US)
EN ROUTE	V23-121	1, 2				(US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. ADDED FAC1 AND FAC2 USED TO ESTABLISH COORDINATES.

DEVELOPED BY: **DATE:** 04/10/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DANA MITCHELL)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

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

QUALITY CHECK

RADIO FIX AND HOLDING DATA RECORD

NAME: ROGUE VALLEY VORTAC **STATE:** OR **COUNTRY:** US

LATITUDE/LONGITUDE: 422846.47N/1225446.56W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	ROGUE VALLEY	OED	VORTAC	H							45000

FIX RESTRICTIONS:
MCA V287 7000 SOUTHEAST BOUND
MCA V23 7000 SOUTHEAST BOUND
MCA V595 5100 NORTHBOUND
SPECIAL ILS Z RWY 14, KMFR, MEDFORD, OR

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	OED	VORTAC	156.62	336.62	R	1-1 1/2		7000	45000	8	29
2	SE	OED	VORTAC	145.00	325.00	R	1-1 1/2		7600	45000	8	29
3	NW	OED	VORTAC	333.26	153.26	R	1-1 1/2		6600	45000	8	29
4	SE		WP	147.80	327.80	R		7	7800	45000	9	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	421218.09N/1225357.00W	5388	4E
2	230	AAO	421742.00N/1224148.00W	4721	4E
2	310	AAO	420742.00N/1224627.00W	7214	4E
3	230	AAO	424204.60N/1225916.60W	4856	6C
3	310	AAO	424534.70N/1230720.10W	5304	6C
4	230	AAO	421806.00N/1224318.00W	4669	4E
4	310	AAO	420705.60N/1224622.20W	7455	6C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	224
2	230	203
2	310	299
3	230	162
3	310	266
4	230	203
4	310	266

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	VOR/DME-C	KMFR	MEDFORD	OR (US)
2	LOC/DME BC-B	KMFR	MEDFORD	OR (US)
3	EAGLE	KMFR	MEDFORD	OR (US)
3	ILS OR LOC/DME RWY 14	KMFR	MEDFORD	OR (US)
3	VOR-A	KMFR	MEDFORD	OR (US)
3	JACKSON	KMFR	MEDFORD	OR (US)
3	ILS Z RWY 14	KMFR	MEDFORD	OR (US)
4	RNAV (GPS)-D	KMFR	MEDFORD	OR (US)

REMARKS:
PAT 1 ENROUTE
PAT 1 230 AIRSPEED EQ ELEV 4419' - OBS 10833' INTO SECONDARY.
PAT 2 310 AIRSPEED EQ ELEV 6296' - OBS 9305' INTO SECONDARY.
PAT 4 310 AIRSPEED EQ ELEV 6497' - OBS 10300' INTO SECONDARY.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	EUGENE			KEUG	EUGENE	OR (US)
DP	KINGSLEY			KLMT	KLAMATH FALLS	OR (US)
DP	BRUTE			KMFR	MEDFORD	OR (US)
DP	EAGLE		3	KMFR	MEDFORD	OR (US)
DP	JACKSON		3	KMFR	MEDFORD	OR (US)
DP	PORTLAND			KPDX	PORTLAND	OR (US)
DP	RIVER			KPDX	PORTLAND	OR (US)
DP	REDMOND			KRDM	REDMOND	OR (US)
EN ROUTE	J1					(US)
EN ROUTE	J126					(US)
EN ROUTE	J501					(US)

QUALITY CHECKED 3

EN ROUTE	V121				(US)
EN ROUTE	V122				(US)
EN ROUTE	V23	2			(US)
EN ROUTE	V287				(US)
EN ROUTE	V448				(US)
EN ROUTE	V595				(US)
IAP	ILS OR LOC/DME RWY 14	3	KMFR	MEDFORD	OR (US)
IAP	ILS Z RWY 14	3	KMFR	MEDFORD	OR (US)
IAP	LOC/DME BC-B	2	KMFR	MEDFORD	OR (US)
IAP	RNAV (GPS)-D	4	KMFR	MEDFORD	OR (US)
IAP	VOR-A	3	KMFR	MEDFORD	OR (US)
IAP	VOR/DME RWY 14	3	KMFR	MEDFORD	OR (US)
IAP	VOR/DME-C	2	KMFR	MEDFORD	OR (US)
STAR	MOXEE		KHIO	PORTLAND	OR (US)
STAR	MOXEE		KPDX	PORTLAND	OR (US)
STAR	MOXEE		KTTD	PORTLAND	OR (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. UPDATED CONTROLLING OBS ACCURACY CODES.
2. ADDED PRECIP TERRAIN ADJ FOR 310 PATTERNS.
3. PAT 1 MIN HOLDING CHANGED FROM 7800 TO 7000; PAT 3 CHANGED FROM 6400 TO 6600.

DEVELOPED BY: **DATE:** 04/10/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DANA MITCHELL)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: UZEHE **STATE:** OR **COUNTRY:** US

LATITUDE/LONGITUDE: 424338.55N/1225731.24W **TYPE:** DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	ROGUE VALLEY	OED	VORTAC	H	333.25	352.25	15.00	15.00		7000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRUTE	1		KMFR	MEDFORD	OR (US)
DP	GNATS	1		KMFR	MEDFORD	OR (US)
EN ROUTE	V23-121	1				(US)
IAP	VOR/DME RWY 14	1		KMFR	MEDFORD	OR (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. RAISED MRA FROM 6500 TO 7000.

DEVELOPED BY: **DATE:** 04/10/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DANA MITCHELL)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZSE
ATC FACILITY: CASCADE APP CON
OTHER: MFR ATCT

QUALITY CHECK

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: KOLER **STATE:** OR **COUNTRY:** US

LATITUDE/LONGITUDE: 424604.96N/1231738.13W **TYPE:** INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	ROGUE VALLEY	OED	VORTAC	H	296.84	315.84	24.17	24.17		8000	17500
2	ROSEBURG	RBG	VOR/DME	L	154.08	174.08		24.99		8000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GNATS	1, 2		KMFR	MEDFORD	OR (US)
EN ROUTE	V287	1, 2				(US)
EN ROUTE	V495	1, 2				OR (US)
IAP	RNAV (GPS)-A			K3S8	GRANTS PASS	OR (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:**

REASON FOR REVISION:
1. REMOVED NAD 83 REMARK
2. UPDATED FIX USE FORMAT AND ADDED GRANTS PASS, OR GPS-A
3. ADDED 'DIST FROM NM' DATA TO FACILITIES 1 AND 2
4. REMOVED BACK-UP FACILITY

DEVELOPED BY: **DATE:** 02/17/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (RODNEY TEMPLETON)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZSE
ATC FACILITY: MFR ATCT
OTHER:

INFO ONLY RADIO FIX AND HOLDING DATA RECORD

NAME: OLECY **STATE:** OR **COUNTRY:** US

LATITUDE/LONGITUDE: 422008.94N/1231120.69W **TYPE:** DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	ROGUE VALLEY	OED	VORTAC	H	216.01	235.01	15.00	15.00		8000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GNATS	1		KMFR	MEDFORD	OR (US)
EN ROUTE	V122	1				(US)
IAP	VOR/DME RWY 14	1		KMFR	MEDFORD	OR (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 09/23/2010

REASON FOR REVISION:
1. REMOVED REMARK 'CANCEL (LIHZE) CNF AND REPLACE WITH OLECY ON GNATS DP; FIX AND CNF ARE AT SAME LOCATION.'
2. ADDED 'DIST FROM NM' 15.00 TO FACILITY 1
3. UPDATED FIX USE FORMAT

DEVELOPED BY: **DATE:** 04/09/2010 **OFFICE:** AVN-130 **NAME:** ADOLFO URRUTIA (CHRISTOPHER COX)

APPROVED BY: **DATE:** 07/26/2010 **OFFICE:** AVN-130 **NAME:** DEZ SILAGYI

SIGNATURE:

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

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: ROSEBURG VOR/DME **STATE:** OR **COUNTRY:** US

LATITUDE/LONGITUDE: 431056.72N/1232108.06W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	ROSEBURG	RBG	VOR/DME	L							45000

FIX RESTRICTIONS:
MCA V121 5700 EASTBOUND

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	N	RBG	VOR/DME	343.00	163.00	R	1-1 1/2		5000	17500	5	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	431012.00N/1231745.00W	2274	4E
1	310	AAO	430709.95N/1231438.28W	3439	2C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	310	146

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TEXTUAL DEPARTURE	KRBG	ROSEBURG	OR (US)

REMARKS:
OTH VORTAC BACKUP FACILITY FOR V121 AND IS WITHIN SERVICE VOLUME.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	EUGENE			KEUG	EUGENE	OR (US)
DP	TEXTUAL DEPARTURE			K3S8	GRANTS PASS	OR (US)
DP	KINGSLEY			KLMT	KLAMATH FALLS	OR (US)
DP	BRUTE			KMFR	MEDFORD	OR (US)
DP	GNATS			KMFR	MEDFORD	OR (US)
DP	NORTH BEND			KOTH	NORTH BEND	OR (US)
DP	TEXTUAL DEPARTURE		1	KRBG	ROSEBURG	OR (US)
EN ROUTE	J143					(US)
EN ROUTE	J589					(US)
EN ROUTE	V121					(US)
EN ROUTE	V448					(US)
EN ROUTE	V495					(US)
IAP	VOR-A		1	KRBG	ROSEBURG	OR (US)
STAR	RAIDR (RNAV)			KOAK	OAKLAND	CA (US)
STAR	GOLDEN GATE			KSFO	SAN FRANCISCO	CA (US)
STAR	STINS			KSFO	SAN FRANCISCO	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 11/18/2010

REASON FOR REVISION:
UPDATED FIX USE IAW 8260.19D
REMOVED UNPLANNED HOLDING AND HOLDING PATTERN 2.
RAISED MINIMUM HOLDING FROM 3300 TO 5000.
RAISED MINIMUM HOLDING TEMPLATE FROM 4 TO 5.
REMOVED DME LEG LENGTH FROM HOLDING.
ADDED 310K OBSTRUCTION TO PATTERN 1 FOR RBG C-I-H.
MOVED NOTE HOLDING LIMITED TO ESTABLISHED PATTERNS FROM REMARKS TO RESTRICTIONS.

DEVELOPED BY:	**DATE:** 01/11/2010	**OFFICE:** AVN-130	**NAME:** VICTOR NASO
APPROVED BY:	**DATE:** 09/13/2010	**OFFICE:** AVN-130	**NAME:** DEZ SILAGYI
	SIGNATURE:		

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

INFO ONLY RADIO FIX AND HOLDING DATA RECORD

NAME: TALEM **STATE:** OR **COUNTRY:** US

LATITUDE/LONGITUDE: 420849.70N/1225241.50W **TYPE:** WP, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	ROGUE VALLEY	OED	VORTAC	H	156.55	175.55	20.00	20.00		10000	17500

HOLDING: **HOLDING TYPE OF ACTION:** CANCEL

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRUTE	1		KMFR	MEDFORD	OR (US)
DP	GNATS	1		KMFR	MEDFORD	OR (US)
EN ROUTE	V23	1				(US)
IAP	RNAV (RNP) Z RWY 14			KMFR	MEDFORD	OR (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 09/23/2010

REASON FOR REVISION:
1. REMOVED PATS 1/2 AND ASSOCIATED NOTES
2. ADDED 'DIST FROM NM' 20 TO FACILITY 1
3. UPDATED FIX USE FORMAT

DEVELOPED BY: **DATE:** 04/09/2010 **OFFICE:** AVN-130 **NAME:** ADOLFO URRUTIA (CHRISTOPHER COX)

APPROVED BY: **DATE:** 07/26/2010 **OFFICE:** AVN-130 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZSE
ATC FACILITY: MFR ATCT
OTHER:

US Department of Transportation
Federal Aviation Administration

FLIGHT PROCEDURES STANDARDS WAIVER

FLIGHT STANDARDS USE ONLY

CONTROL NO:

1. Flight Procedure Identification:

Medford, OR
Rogue Valley Intl (MFR)
GNATS SIX

2. Waiver Required and Applicable Standard:

Use the 8260.3 Vol 1 criteria to develop a 8260.3 Vol 4 departure procedure, as there is no standard criteria for departure procedure development using DME arcs.

3. Reason for Waiver *(Justification for nonstandard treatment)*:

The Departure procedure is utilizing the 8260.3, Vol 1, Chap 2, Par. 232 criteria to develop a 8260.3, Vol 4 Departure Procedure Route. The Departure procedure is requested by Air Traffic Control.

4. Equivalent Level of Safety Provided:

1. The 8260.3 Vol 1, Chap 2, Par. 232, 2-4-4-2 width dimentions are sufficient to provide adequate obstacle avoidance.

5. How Relocation or Additional Facilities Will Affect Waiver Requirement:

NONE

6. Coordination With User Organizations *(Specify)*:

AJV-354 _____

7. SUBMITTED BY

DATE:	Office Identification:	Title:	Signature:
	AJV-35	Terminal Products Group	Gregory Yamamoto

FAA FORM 8260 - 1 / July 2003 (computer generated)

8. CONTINUATION
Comments:

9. AFS ACTION		
		Approved
		Disapproved
		Not Required

Comments:		
Date:	Routing Symbol:	Signature: