US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KOLER	WALVI (FO)	220.36 / 12.95	6200
WALVI (IF/IAF)	KUSHI (FB)	124.41 / 5.00	4700
KUSHI (FAF)	RW13 (MAP) (FO)	124.46 / 5.50	
RW13 (MAP)	3200 MSL	124.46	3200
3200 MSL	WALVI (FO)		6600

MISSED APPROACH

LNAV: RW13

CLIMB TO 3200 THEN CLIMBING RIGHT TURN TO 6600 DIRECT WALVI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6600.

ADDITIONAL FLIGHT DATA:

FAS OBST: 2247 AAO 423451N/1232658W

KUSHI TO RW13: 6.09/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW WALVI, RT, 124.41 INBOUND, 5700 FT. IN LIEU OF PT (IAF)
3. FAC: 124.46 FAF: KUSHI DIST FAF TO MAP: 5.50 THLD: 5.50
4. MIN. ALT: WALVI 5700, KUSHI 4700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: ____
8. MSA FROM: RW13 8300

MAG VAR: 17E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	2920	1 1/4	1794	2920	1 1/2	1794		NA			NA				

NOTES:
CHART NOTE: CIRCLING NA NORTHEAST OF RWY 13-31.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MEDFORD ALTIMETER SETTING AND INCREASE ALL MDA 580 FT.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1126 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GRANTS PASS, OR	GRANTS PASS	RNAV	RNAV (GPS)-A, ORIG	AMDT: NONE
				DATED

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**ROUTINE**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] **ZXI, CASCADE APP CON, AMGR, OREGON AERO DIV**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **ADOLFO URRUTIA (RODNEY TEMPLETON)**	FIFO **AJV-354**	DATE: **02/06/2012**
APPROVED BY		
NAME: **DEZ SILAGYI**	FIFO **AJV-354**	DATE:

CHANGES:

ORIGINAL

REASONS:

FPT REQUEST

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   KOLER K10    R   L N42460496W123173813                      E0154     NAR           KOLER
        SUSAEAENRT   KUSHI K10    W     N42351017W123281141                      E0154     NAR           KUSHI
        SUSAEAENRT   WALVI K10    W     N42390481W123322472                      E0154     NAR           WALVI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 3S8 K1A3S8     0     040YHN42303642W123231676E017001126         1800018000C    MNAR    GRANTS PASS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 3S8 K1FRNV-A AKOLER 010KOLERK1EA0E       IF                                          18000                B JC
        SUSAP 3S8 K1FRNV-A AKOLER 020WALVIK1EA0EY   020TF                    22040130    + 06200                         B JC
        SUSAP 3S8 K1FRNV-A AKOLER 030WALVIK1EA0EE AR   HF                    12440050    + 05700                         B JC
        SUSAP 3S8 K1FRNV-A R      010WALVIK1EA0E  I    IF                                + 05700     18000               B JC
        SUSAP 3S8 K1FRNV-A R      020KUSHIK1EA0E  F 051TF                    12440050    + 04700                RW13  K1PGB JC
        SUSAP 3S8 K1FRNV-A R      030RW13 K1PG0GY M 031TF                    12450055      01135             -609         B JC
        SUSAP 3S8 K1FRNV-A R      040         0  M     CA                    1245        + 03200                         B JC
        SUSAP 3S8 K1FRNV-A R      050WALVIK1EA0EY  R   DF                                + 06600                         B JC
        SUSAP 3S8 K1FRNV-A R      060WALVIK1EA0EE  R   HM                    12440050    + 06600                         B JC

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 3S8 K1GRW13    0040011245 N42305188W123233338+0800    +0310301095000040075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 3S8 K1SRW13 K1PG               0   18018008325                                                                          M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1126 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GRANTS PASS, OR	AIRPORT NAME: GRANTS PASS	RNAV	RNAV (GPS)-A, ORIG	AMDT: NONE
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	KOLER	KOLER	010		IF		FB					
	KOLER	WALVI	020		TF		FO	2.0	220.4(237.4T)	013.0	AA 06200	
	KOLER	WALVI	030	IAF	HF	R	FO		124.4(141.4T)	005.0	AA 05700	
		WALVI	010	FACF	IF		FB				AA 05700	
		KUSHI	020	FAF	TF		FB	0.5	124.4(141.4T)	005.0	AA 04700	
		RW13	030	MAP	TF		FO	0.3	124.5(141.5T)	005.5	AT 01135	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		124.5(141.5T)		AA 03200	
	WALVI	050		DF	R	FO				AA 06600	
	WALVI	060		HM	R	FO		124.4(141.4T)	005.0	AA 06600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	KOLER	N424604.96	W1231738.13	N4246.083	W12317.636
	KUSHI	N423510.17	W1232811.41	N4235.170	W12328.190
	WALVI	N423904.81	W1233224.72	N4239.080	W12332.412
	RW13	N423051.88	W1232333.38	N4230.865	W12323.556

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	01095	40

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1126 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GRANTS PASS, OR	AIRPORT NAME: GRANTS PASS	RNAV	RNAV (GPS)-A, ORIG	AMDT: NONE
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	KOLER	WALVI	1. AAO	424402.46N/1231717.73W	4119 (2C)	2000		6200
			2. TERRAIN	424402.46N/1231717.73W	3919 (3900)		AS1500	5400
INTERMEDIATE	WALVI (IF/IAF)	KUSHI	3. AAO	423623.55N/1233018.10W	3759 (2C)	500	PR250 RA138	4700
			4. TERRAIN	423623.55N/1233018.10W	3559 (3600)		AS1000	4600
FINAL: LNAV	KUSHI	RW13	5. AAO	423451.36N/1232657.66W	2247 (2C)	250	PR140 MA280	2920
2. HOLD-IN-LIEU-OF-PT	WALVI		6. AAO	423611.50N/1233840.80W	4278 (6C)	1000	PR360	5700
			7. TERRAIN	423611.50N/1233840.80W	4078 (4100)		AS1500	5600
3. MISSED APPROACH — MAP:	RW13	WALVI	3. AAO	423623.55N/1233018.10W	3759 (2C)	ASC		6600
			3. AAO	423623.55N/1233018.10W	3759 (2C)	1000	PR290	5100
ELEV:	2680		4. TERRAIN	423623.55N/1233018.10W	3759 (3800)		AS1500	5300
			8. TREE	422920.34N/1232340.70W	1539 (2C)	300	SI	2920
			9. TREE	422907.31N/1232154.85W	1579 (2C)	300	SI	2920

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	ACTUAL
CATEGORY A	1.3 NM	350	1794
CATEGORY B	1.5 NM	450	1794
CATEGORY C	1.7 NM	450	
CATEGORY D	2.3 NM	550	
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW13

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	155/ 24.5	7248 (2C)	8300					

CITY AND STATE	ELEVATION: 1126 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
GRANTS PASS, OR	GRANTS PASS	RNAV	RNAV (GPS)-A, ORIG	ANM

QUALITY CHECKED

FAA Form 8260 - 9 / April 2006 (Computer Generated)

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
CASCADE APP CON OTH CTAF		N W S	OTHER: CTAF	SOURCE: K3S8 / KMFR
		F A A		DISTANCE: 0 / 24.27
		A / C		HOURS REMOTE OPERATION: 24 / BACKUP
SATISFACTORY ON:				
X V H F X U H F H F	LOCATION: K3S8			ADJUSTMENT: 0 / 580

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
		HIRL
	X	MIRL 31, 13 (PCL)
	X	REIL 31 (PCL), 13 (PCL)
		TDZ
		C/LINE
	X	OTHER (SPECIFY) VASI-4R 31 (PCL)

6. RUNWAY MARKINGS	BASIC	BSC-F 31, 13
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	

8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: ADOLFO URRUTIA (RODNEY TEMPLETON)	DATE: 02/06/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

VDP NOT ESTABLISHED - CIRCLING ONLY.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

UNABLE TO VERIFY VISUAL SURFACES DUE TO LACK OF SURVEYS.

SEE ATTACHED AIRSPACE LETTER.
RASS PRESSURE PATTERNS NOT THE SAME
HIGH TERRAIN 4403, LOW TERRAIN 787
RA = 562.

STRAIGHT-IN MINIMA NOT PUBLISHED DUE TO EXCESSIVE DESCENT GRADIENT.
AVERAGE VEGETATION HEIGHT: 100 FT.
TAA NOT DEVELOPED PER FPT.

QUALITY CHECKED

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:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KUSHI **STATE:** OR **COUNTRY:** US

LATITUDE/LONGITUDE: 423510.17N/1232811.41W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS)-A			K3S8	GRANTS PASS	OR (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
1. FIX MOVED 5302 FT SOUTHWEST, LAT/LONG UPDATED.
2. REMOVED FAC 1.
3. UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/31/2012 **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: CASCADE APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WALVI **STATE:** OR **COUNTRY:** US

LATITUDE/LONGITUDE: 423904.81N/1233224.72W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

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	NW		WP	304.41	124.41	R		5	5700	8000	6	9
2	NW		WP	304.41	124.41	R		10	6600	8000	15	15

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	423611.50N/1233840.80W	4278	6C
2	310	AAO	423713.89N/1235015.70W	5199	2C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	380

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS)-A	K3S8	GRANTS PASS	OR (US)

REMARKS:
PRECIPITOUS TERAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS)-A		1	K3S8	GRANTS PASS	OR (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/27/2012 **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: CASCADE APP CON
OTHER:

QUALITY CHECKED 9

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **GRANTS PASS** STATE: **OR**

AIRPORT NAME: **GRANTS PASS** ID: **K3S8**

PROCEDURE: **RNAV (GPS) A** AMDT: **ORIG**

DOCKET # :
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **MAP** to 1000' point **2.50**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **141.46**
4. High Terrain in **FINAL** segment containing 1000' point **2294**
5. Distance from **MAP** to 1500' point **3.90**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.20**
7. True Course of **FINAL** segment containing 1500' point **141.46**
8. High Terrain in **FINAL** segment containing 1500' point **2294**
9. Threshold Coordinates (if straight-in) ... **423051.88N** / **1232333.38W**
10. ARP Coordinates ..... **423036.42N** / **1232316.76W**
11. Runway Approach End and distance furthest from ARP.....RWY **13/31**
    Distance **0.33** NM
12. FAF Coordinates ..... **426510.17N** / **1232811.41W**
    (Click to Select)

RADIO FIX AND HOLDING DATA RECORD

CANCELLED
BY
DATE

NAME: ROKSY **STATE:** OR **COUNTRY:** US

LATITUDE/LONGITUDE: 424002.49N/1233026.02W **TYPE:** WP

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

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	TOSHE					331.53	10.00				17500

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

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	NW		WP	314.47	134.47	R	1	6	5200	11000	7	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	200' AAO (KLA045)	424303.00N/1233544.00W	4217	2C

REMARKS:
HOLDING LIMITED TO ESTABLISHED PATTERN.
BLOCK 7: ADVERSE ASSUMPTION OBSTACLE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	JOSEPHINE COUNTY/GRANTS PASS - GPS-A			K3S8	GRANTS PASS	OR (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 06/09/1999

REASON FOR REVISION:
BLOCKS 2B & 4B: MINIMUM HOLDING UPDATED AND 175 KTS HOLDING DELETED PER AFS 420 LTR DTD 6/8/98.
BLOCK 7: NEW CONTROLLING OBSTACLE IDENTIFIED BASED ON NEW CRITERIA

DEVELOPED BY: **DATE:** 06/09/1999 **OFFICE:** AVN-120 **NAME:** GEORGE REESE

APPROVED BY: **DATE:** **OFFICE:** AVN-120 **NAME:** LARRY STROUT

SIGNATURE:

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

QUALITY CHECKED