U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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 statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
GRANTS PASS, OR	GRANTS PASS		1

TAKEOFF MINIMUMS:

RWY 13, NA TERRAIN.
RWY 31, STANDARD WITH MINIMUM CLIMB OF 466 FT PER NM TO 4400.

TEXTUAL DEPARTURE PROCEDURES:

RWY 31 – CLIMB HEADING 319.51 AND RBG R-169 TO RBG VOR/DME BEFORE PROCEEDING ON COURSE .

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 31, TREES BEGINNING 188 FT FROM DER, 281 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1194 FT MSL. TREES BEGINNING 93 FT FROM DER, 283 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1194 FT MSL.

CONTROLLING OBSTACLES:

RWY 31: 3559 FT MSL AAO 423624.08N/1232917.48W.
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: 5437 FT MSL AAO 424133.00N/1231351.00W. 5433 FT MSL TOWER 424148.00N/1231343.00W.

REMARKS:

GUAI
1
CHEC

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

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City, State	Airport	Effective Date	Amdt. No.
GRANTS PASS, OR	GRANTS PASS	ROUTINE	1

DEVELOPED BY:

CATHERINE L. CHILDRESS AJV-354 09/27/2011

APPROVED BY:

DEZ SILAGYI AJV-354

COORDINATED WITH:

AOPA, NBAA, WESTERN FPO, AMGR, CASCADE APPCON, ZSE

CHANGES:

1. CHANGED RUNWAY FROM 12/30 TO 13/31.
2. DEPARTURE PROCEDURE CHANGED, REMOVED PASSING 5000 AND ADDED RBG R-169.
3. RWY 31 TAKEOFF MINIMUMS CHANGED: WEATHER MINIMUMS REMOVED AND CLIMB GRADIENT CHANGED FROM "360 FT PER NM TO 5000" TO "466 FT PER NM TO 4400".
4. ADDED VCOA FOR RWY 31.

REASONS:

1. RUNWAYS RENUMBERED.
2. POSITIVE COURSE GUIDANCE USED TO AVOID TERRAIN.
3. NEW CONTROLLING OBSTACLE.
4. MANDATORY CLIMB GRADIENT REQUIRED FOR OBSTACLES OUTSIDE 3 SM.

VCOA NOT ESTABLISHED AT ATC REQUEST DUE TO RBG R-162 UNSAT BELOW 6000.

02/06/2012: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 09/27/2011.

REMOVED VCOA PER FLIGHT CHECK AND ATC.

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

"INFO ONLY"

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	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	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	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	TEXTUAL DEPARTURE	1		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	1	KRBG	ROSEBURG	OR (US)
EN ROUTE	J143	1				(US)
EN ROUTE	J589	1				(US)
EN ROUTE	V121	1				(US)
EN ROUTE	V448	1				(US)
EN ROUTE	V495	1				(US)
IAP	ILS OR LOC DME Z RWY 16R			KEUG	EUGENE	OR (US)
IAP	ILS OR LOC Y RWY 16R			KEUG	EUGENE	OR (US)
IAP	ILS RWY 16R (CAT II)			KEUG	EUGENE	OR (US)
IAP	ILS RWY 16R (CAT III)			KEUG	EUGENE	OR (US)
IAP	VOR/DME OR TACAN RWY 16R			KEUG	EUGENE	OR (US)
IAP	VOR/DME OR TACAN RWY 34L			KEUG	EUGENE	OR (US)
IAP	VOR-A	1	1	KRBG	ROSEBURG	OR (US)
STAR	RAIDR (RNAV)			KOAK	OAKLAND	CA (US)
STAR	GOLDEN GATE	1		KSFO	SAN FRANCISCO	CA (US)
STAR	STINS	1		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:

QUALITY 1 CHECKED

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:

QUALITY CHECKED