

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
GRAPHIC DEPARTURE PROCEDURES (DP)

Bearings, headings, courses, tracks and radials are magnetic. Elevations 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.

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
CRATER	ONE	CRATR1.LMT	NONE		31 OCTOBER 2024

TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DP ROUTE DESCRIPTION:

**RWY 14:** CLIMB ON HEADING 144.22 TO 6500 THEN CLIMBING RIGHT TURN TO INTERCEPT LMT VORTAC R-181 TO LMT VORTAC, THENCE....

**RWY 26:** CLIMB ON HEADING 256.42 TO 6000 THEN CLIMBING RIGHT TURN TO INTERCEPT LMT VORTAC R-306 TO LMT VORTAC, THENCE....

**RWY 32:** CLIMB ON HEADING 324.23 TO 6700 THEN CLIMBING LEFT TURN TO INTERCEPT LMT VORTAC R-277 TO LMT VORTAC, THENCE....

....CONTINUE CLIMB IN LMT VORTAC HOLDING PATTERN (HOLD WEST, RIGHT TURNS, 070.00 INBOUND) TO CROSS LMT VORTAC AT OR ABOVE MEA FOR DIRECTION OF FLIGHT BEFORE PROCEEDING ON COURSE.

**VCOA:** RWY 14, 26, 32: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS LMT VORTAC AT OR ABOVE 7100, CONTINUE CLIMB IN LMT VORTAC HOLDING PATTERN (HOLD WEST, RIGHT TURNS, 070.00 INBOUND) TO CROSS LMT VORTAC AT OR ABOVE MEA FOR DIRECTION OF FLIGHT BEFORE PROCEEDING ON COURSE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
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PBN REQUIREMENT NOTES:

EQUIPMENT REQUIREMENT NOTES:

PROCEDURAL DATA NOTES:

TAKEOFF MINIMUMS:

**RWY 8:** NA - OBSTACLES.

**RWY 14:** STANDARD WITH MINIMUM CLIMB OF 305 FT/NM TO 7100, OR 3200-3 FOR VCOA.

**RWY 26:** STANDARD WITH MINIMUM CLIMB OF 370 FT/NM TO 7200, OR 3200-3 FOR VCOA.

**RWY 32:** STANDARD WITH MINIMUM CLIMB OF 380 FT/NM TO 6600, OR 3200-3 FOR VCOA.

TAKEOFF OBSTACLES NOTES:

**NOTE: RWY 14:** LIGHT POLE 1 FT FROM DER, 84 FT RIGHT OF CENTERLINE, 2 FT AGL/4097 FT MSL. LIGHT POLE 2 FT FROM DER, 84 FT LEFT OF CENTERLINE, 2 FT AGL/4097 FT MSL. TREE 3095 FT FROM DER, 1279 FT RIGHT OF CENTERLINE, 4195 FT MSL. TREE 3107 FT FROM DER, 1240 FT LEFT OF CENTERLINE, 4183 FT MSL.

**NOTE: RWY 26:** POLE 3 FT FROM DER, 283 FT LEFT OF CENTERLINE, 5 FT AGL/4094 FT MSL. LIGHT POLE 10 FT FROM DER, 89 FT RIGHT OF CENTERLINE, 2 FT AGL/4093 FT MSL. BUILDING 172 FT FROM DER, 499 FT RIGHT OF CENTERLINE, 21 FT AGL/4113 FT MSL. VEHICLE ON ROAD 254 FT FROM DER, 127 FT LEFT OF CENTERLINE, 4102 FT MSL. RAILROAD 550 FT FROM DER, 236 FT LEFT OF CENTERLINE, 4117 FT MSL. TREE, RAILROAD BEGINNING 593 FT FROM DER, 63 FT LEFT OF CENTERLINE, UP TO 4137 FT MSL. RAILROAD BEGINNING 725 FT FROM DER, 23 FT RIGHT OF CENTERLINE, UP TO 4117 FT MSL. TERRAIN 1.3 NM FROM DER, 2644 FT LEFT OF CENTERLINE, 4308 FT MSL. RIDGELINE BEGINNING 1.4 NM FROM DER, 2226 FT LEFT OF CENTERLINE, UP TO 4379 FT MSL.

**NOTE: RWY 32:** VEHICLE ON ROAD 139 FT FROM DER, 534 FT RIGHT OF CENTERLINE, 4097 FT MSL. TREES BEGINNING 2623 FT FROM DER, 741 FT LEFT OF CENTERLINE, UP TO 4191 FT MSL. TREE 4572 FT FROM DER, 220 FT LEFT OF CENTERLINE, 4206 FT MSL. TREE 4641 FT FROM DER, 199 FT LEFT OF CENTERLINE, 4208 FT MSL.



**CONTROLLING OBSTACLES:**  
**RWY 14:** 5259 FT MSL AAO 420326.34N/1214235.46W (CLIMB GRADIENT), 6719 FT MSL AAO 420601.76N/1213807.74W (CLIMB-TO ALTITUDE).  
**RWY 26:** 6719 FT MSL AAO 420601.76N/1213807.74W (CLIMB GRADIENT) (CLIMB-TO ALTITUDE).  
**RWY 32:** 5659 FT MSL AAO 421545.71N/1214528.70W (CLIMB GRADIENT), 6159 FT MSL AAO 421750.64N/1214703.20W (CLIMB-TO ALTITUDE).  
**OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 14, 26, 32:** 8399 FT MSL AAO 421853.58N/1220514.69W.  
**VISUAL CLIMB AREA OBSTACLE:** 6499 FT MSL AAO 420628.88N/1213832.36W.  
**OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE:** 6719 FT MSL AAO 420601.76N/1213807.74W.

**MSA:**  
MSA FROM LMT VORTAC, 9400.

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**  
**CHART:** HOLDING PATTERN AT LMT VORTAC, HOLD W, RT, 070.00 INBOUND.  
**AIRPORT MV:** KLMT 14E/2025.

**AIRPORTS SERVED:**

AIRPORT ID	CITY	STATE
KLMT	KLAMATH FALLS	OR

**COMMUNICATIONS:**  
**CHART:** ATIS, GROUND CONTROL, KINGSLEY TOWER, ZSE CENTER.

**FIXES AND/OR NAVAIDS:**

**REMARKS:**  
100 FT VEGETATION HEIGHT USED, PER FPT.  
RWY 14 CLIMB-TO ALTITUDE CONTROLLING OBSTACLE IS IN CLIMB-IN-HOLD AREA.  
RWY 26 CLIMB GRADIENT/CLIMB-TO ALTITUDE CONTROLLING OBSTACLE IS IN CLIMB-IN-HOLD AREA.  
VCOA VCA PRECIPITOUS TERRAIN ADJUSTMENT 134 FT.

<b>FLIGHT INSPECTED BY</b> WENDI S GIMA	<b>SIGNATURE</b>	<i>Digitally signed by</i> <b>RAKE MCGRAW</b> Jun 21, 2024	<b>OFFICE</b> FPO	<b>DATE</b> 06/14/2024	
<b>DEVELOPED BY</b> JOHN BORDY (RICHARD BRUCE)	<b>SIGNATURE</b>	<i>Digitally signed by</i> <b>RAKE MCGRAW</b> Jun 21, 2024	<b>OFFICE</b> AJV-A33	<b>DATE</b> 03/25/2024	
<b>APPROVED BY</b> JOHN BORDY	<b>SIGNATURE</b>	<i>Digitally signed by</i> <b>RAKE MCGRAW</b> Jun 21, 2024	<b>OFFICE</b> AJV-A33	<b>DATE</b>	<b>TITLE</b> MANAGER

**REQUIRED EFFECTIVE DATE**  
ROUTINE

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** AMGR, KINGSLEY APP CON, ZSE.



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CRATER	ONE	CRATR1.LMT	NONE		31 OCTOBER 2024

**CHANGES - REASONS:**

