

**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 statute miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PORTLAND	EIGHT	PTLD8.BTG	SEVEN	01/15/2009	20 SEP 2012

**TYPE:** SID

**DP ROUTE DESCRIPTION:**

TAKEOFF RWY 3: CLIMB HEADING 029.00 TO 600, THENCE...  
 TAKEOFF RWY 10L: CLIMB HEADING 103.03 TO 500, THENCE...  
 TAKEOFF RWY 10R: CLIMB HEADING 103.01 TO 500, THENCE...  
 TAKEOFF RWY 21: CLIMB HEADING 209.02 TO 500, THENCE...  
 TAKEOFF RWY 28L: CLIMB HEADING 283.03 TO 800, THENCE...  
 TAKEOFF RWY 28R: CLIMB HEADING 283.04 TO 800, THENCE...

...VIA ASSIGNED HEADING EXPECT RADAR VECTORS TO ASSIGNED ROUTE/FIX. MAINTAIN 3000, EXPECT FILED ALTITUDE FIVE MINUTES AFTER DEPARTURE

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes

**PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:**

NOTE: RADAR REQUIRED.

TAKEOFF MINIMUMS  
 RWY 3, STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 2900  
 RWY10L, STANDARD WITH MINIMUM CLIMB OF 450 FT PER NM TO 2900  
 RWY10R, STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 2900  
 RWY21, STANDARD WITH MINIMUM CLIMB OF 450 FT PER NM TO 2900  
 RWY28L, STANDARD WITH MINIMUM CLIMB OF 375 FT PER NM TO 2900  
 RWY28R, STANDARD WITH MINIMUM CLIMB OF 350 FT PER NM TO 2900



**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 statute miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PORTLAND	EIGHT	PTLD8.BTG	SEVEN	01/15/2009	<b>20 SEP 2012</b>

**TAKEOFF OBSTACLES NOTES:**

**NOTE:** RWY 3, SIGN 1 FT FROM DER, 133 FT LEFT OF CENTERLINE, 5 FT AGL/28 FT MSL. VEHICLE ON ROAD 1363 FT FROM DER, 795 FT LEFT OF CENTERLINE, 15 FT AGL/76 FT MSL. VEHICLE ON ROAD 1675 FT FROM DER, 5 FT RIGHT OF CENTERLINE, 15 FT AGL/76 FT MSL. MULTIPLE TREES, TOWERS BEGINNING 1.2 NM FROM DER, 278 FT LEFT OF CENTERLINE, UP TO 85 FT AGL/463 FT MSL. MULTIPLE TREES, BUILDING, ELECTRICAL SYSTEM AND POLE BEGINNING 1.3 NM FROM DER, 63 FT RIGHT OF CENTERLINE, UP TO 85 FT AGL/430 FT MSL. TREE 1.7 NM FROM DER, 8 FT RIGHT OF CENTERLINE, 85 FT AFL/413 FT MSL.

**NOTE:** RWY 10L, VEHICLES ON ROAD BEGINNING ABEAM DER, 376 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/78 FT MSL. TREES BEGINNING 1201 FT FROM DER, 753 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/95 FT MSL.

**NOTE:** RWY 10R, POLE 1996 FT FROM DER, 759 FT RIGHT OF CENTERLINE, 54 FT AGL/74 FT MSL.

**NOTE:** RWY 21, LIGHT ON DME 354 FT FROM DER, 255 FT LEFT OF CENTERLINE, 23 FT AGL/37 FT MSL. MULTIPLE TREES, POLES, TOWER BEGINNING 1327 FT FROM DER, 23 FT LEFT OF CENTERLINE, UP TO 93 FT AGL/328 MSL. MUTIPLE TREES, POLES BEGINNING 1098 FT FROM DER, 42 FT RIGHT OF CENTERLINE UP TO 75 FT AGL/329 FT MSL. TREES BEGINNING 2229 FR FROM DER, ON CENTERLINE, UP TO 75 FT AGL/190 FT MSL.

**NOTE:** RWY 28L, TREES 1873 FT FROM DER, 837 FT LEFT OF CENTERLINE, UP TO 75 FT AGL/95 FT MSL.

**NOTE:** RWY 28R, BUILDING, ANTENNAS, VEHICLES ON ROAD BEGINNING 130 FT FROM DER, 257 FT RIGHT OF CENTERLINE, UP TO 27 FT AGL/58 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 3: 390 FT MSL TREE 453649.18N/1223459.37W, 2049 FT MSL TOWER 453057.00N/1224403.00W. RWY 10L: 670 FT MSL TOWER 453247.69N/1223357.34W, 959 FT MSL AAO 453532.44N/1222623.97W, 2049 FT MSL TOWER 453057.00N/1224403.00W. RWY 10R: 670 FT MSL TOWER 453247.69N/1223357.34W, 2049 FT MSL TOWER 453057.00N/1224403.00W. RWY 21: 2049 FT MSL TOWER 453057.00N/1224403.00W. RWY 28L: 2049 FT MSL TOWER 453057.00N/1224403.00W. RWY 28R: 2049 FT MSL TOWER 453057.00N/1224403.00W.

**LOST COMMUNICATIONS PROCEDURES:**

IF NO CONTACT WITH ATC WITHIN 10 NM OF AIRPORT, CONTINUE CLIMB TO ASSIGNED ALTITUDE AND PROCEED DIRECT BTG VORTAC. CONTINUE CLIMB VIA BTG R-329 WITHIN 10 NM TO CROSS BTG VORTAC BTG R-355 CW R-055 OR R-085 CW R-115 AT OR ABOVE 5000 FEET. CONTINUE CLIMB ON COURSE.

**ADDITIONAL FLIGHT DATA:**

CHART BTG VORTAC R-055, R-085, R-115, R-329.

**AIRPORTS SERVED:**

PORTLAND INTL PORTLAND, OR

**COMMUNICATIONS:**

PORTLAND TOWER, PORTLAND DEP CON, PORTLAND ATIS, PORTLAND CLEARANCE DELIVERY

**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 statute miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PORTLAND	EIGHT	PTLD8.BTG	SEVEN	01/15/2009	20 SEP 2012

**FIXES AND/OR NAVAIDS:**

CHART TOU, SEA, OLM, YKM, PDT, ONP, EUG, DSD, IMB, OTH, OED, LMT, LKV, BTG VORTACS. AST, UBG, LTJ VOR/DME'S.

**REMARKS:**

**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 statute miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PORTLAND	EIGHT	PTLD8.BTG	SEVEN	01/15/2009	20 SEP 2012

**CHANGES:**

1. INCREASED ALL HEADINGS 4 DEGREES.
2. RE-GROUPED/REWORDED TAKEOFF OBSTACLE NOTES FOR RUNWAYS 3 AND 21.

**REASONS:**

1. UPDATED MAGVAR-2010 MAGVAR CHANGES 20E TO 16E.
2. OBSTACLES CLOSE IN TO THE RUNWAYS LISTED SEPARATELY BASED ON REQUEST FROM FPT. THE PREVIOUS GROUPING OF OBSTACLES CREATED TAKEOFF RESTRICTIONS FOR SOME AIRLINERS DEPARTING THE AIRPORT.