

**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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RIVER	EIGHT	RIVR8.PDX	SEVEN	09/13/2005	20 SEP 2012

TYPE: SID

DP ROUTE DESCRIPTION:

TAKEOFF RUNWAYS 10L/R: CLIMBING LEFT TURN TO INTERCEPT AND PROCEED VIA THE PDX R-085 OR AS ASSIGNED, THENCE...
 TAKEOFF RUNWAY 21: CLIMBING RIGHT TURN HEADING 294 OR AS ASSIGNED, THENCE...
 TAKEOFF RUNWAY 28L: CLIMBING RIGHT TURN TO INTERCEPT AND PROCEED VIA THE PDX R-277 OR AS ASSIGNED, THENCE...
 TAKEOFF RUNWAY 28R: CLIMBING LEFT TURN TO INTERCEPT AND PROCEED VIA THE PDX R-277 OR AS ASSIGNED, THENCE...

...EXPECT RADAR VECTORS TO ASSIGNED ROUTE, EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL 5 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: TAKEOFF RWYS 28L/R FOR NOISE ABATEMENT INTERCEPT THE PDX VOR/DME R-277 AS SOON AS PRACTICABLE.
 NOTE: RADAR REQUIRED.

TAKEOFF MINIMUMS
 RWY 3, NA-ATC
 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



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TAKEOFF OBSTACLES NOTES:

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. MULTIPLE TREES, POLES BEGINNING 1098 FT FROM DER, 42 FT RIGHT OF CENTERLINE UP TO 75 FT AGL/329 FT MSL. TREES BEGINNING 2229 FT 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 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 OR LEAVING 3000 FEET, CONTINUE CLIMB TO ASSIGNED ALTITUDE AND PROCEED DIRECT TO BTG VORTAC, THENCE VIA (ASSIGNED ROUTE). IF PROCEEDING VIA BTG VORTAC R-355 CW R-145, A 340 FEET PER NM CLIMB GRADIENT IS REQUIRED TO 13800 FEET.

ALTERNATE LOST COMM PROCEDURES: WHEN BTG VORTAC IS OUT OF SERVICE: IF NO CONTACT WITH ATC LEAVING 3000 FEET, CONTINUE CLIMB TO ASSIGNED ALTITUDE DIRECT UBG VOR/DME.

ADDITIONAL FLIGHT DATA:

AIRPORTS SERVED:

PORTLAND INTL

PORTLAND, OR

COMMUNICATIONS:

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

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FIXES AND/OR NAVAIDS:

NAVAIDS: TOU, SEA, OLM, BTG, LTJ, DSD, EUG, UBG, YKM, OED. FIXES: CROWN, WOODD.

REMARKS:

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CHANGES:

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

REASONS:

1. UPDATED MAGVAR-2010 MAGVAR CHANGES 20E TO 16E.
2. OBSTACLES CLOSE IN TO RUNWAY 21 LISTED SEPARATELY BASED ON REQUEST FROM FPT. THE PREVIOUS GROUPING OF OBSTACLES CREATED TAKEOFF RESTRICTIONS FOR SOME AIRLINERS DEPARTING THE AIRPORT.