

**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.
RICHMOND, VA	RICHMOND EXECUTIVE-CHESTERFIELD COUNTY	2 MAY 2013	4

**TAKEOFF MINIMUMS:**

RWY 15, 33: STANDARD

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 33: CLIMB HEADING 316.11 TO 2000 BEFORE TURNING RIGHT.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 15, VEHICLES ON ROADWAY AND TREES BEGINNING ABEAM DER, 260 FT RIGHT OF CENTERLINE, UP TO 59 FT AGL/260 FT MSL. TREES BEGINNING 99 FT FROM DER, 266 FT LEFT OF CENTERLINE, UP TO 57 FT AGL/258 FT MSL.

NOTE: RWY 33, RISING TERRAIN, TREES AND POLE BEGINNING 62 FT FROM DER, 29 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/278 FT MSL. TREES BEGINNING 1844 FT FROM DER, 660 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/306 FT MSL.

**CONTROLLING OBSTACLES:**

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 33: 1587 FT MSL TOWER 373045.56N/0773604.76W.

