

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.
WASHINGTON, DC	MANASSAS RGNL/HARRY P DAVIS FIELD	25 JUNE 2015	4A

**TAKEOFF MINIMUMS:**

RWY 16L, 16R, 34L, 34R, STANDARD.

**TEXTUAL DEPARTURE PROCEDURES:**

**VISUAL CLIMB OVER AIRPORT:**

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 16L,** TREES BEGINNING 1247 FT FROM DER, 178 FT LEFT OF CENTERLINE, UP TO 99 FT AGL/268 FT MSL. TREES BEGINNING 1810 FT FROM DER, 88 FT RIGHT OF CENTERLINE, UP TO 73 FT AGL/272 FT MSL. TREES BEGINNING 2618 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 84 FT AGL/293 FT MSL. TREES BEGINNING 3414 FT FROM DER, 14 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/284 FT MSL. TREES BEGINNING 3703 FT FROM DER, 145 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/299 FT MSL. TREES BEGINNING 4193 FT FROM DER, 1343 FT LEFT OF CENTERLINE, UP TO 82 FT AGL/311 FT MSL. TREES BEGINNING 4677 FT FROM DER, 313 FT RIGHT OF CENTERLINE, UP TO 89 FT AGL/303 FT MSL.

**NOTE: RWY 16R,** TREES BEGINNING 119 FT FROM DER, 473 FT RIGHT OF CENTERLINE, UP TO 32 FT AGL/221 FT MSL. TREES BEGINNING 749 FT FROM DER, ON CENTERLINE, UP TO 29 FT AGL/197 FT MSL. TREES BEGINNING 745 FT FROM DER, 85 FT RIGHT OF CENTERLINE, UP TO 33 FT AGL/212 FT MSL. TREES BEGINNING 588 FT FROM DER, 536 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/236 FT MSL.

**NOTE: RWY 34L,** TERRAIN AND SIGN BEGINNING 1 FT FROM DER, 392 FT RIGHT OF CENTERLINE, UP TO 5 FT AGL/192 FT MSL. TREES AND POLES BEGINNING 877 FT FROM DER, 616 FT LEFT OF CENTERLINE, UP TO 54 FT AGL/247 FT MSL. BUILDING AND TREES BEGINNING 1573 FT FROM DER, 249 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/252 FT MSL. TREES BEGINNING 1752 FT FROM DER, 187 FT RIGHT OF CENTERLINE, UP TO 39 FT AGL/238 FT MSL. TOWER AND TREES BEGINNING 2563 FT FROM DER, 182 FT LEFT OF CENTERLINE, UP TO 64 FT AGL/283 FT MSL. TREES BEGINNING 2563 FT FROM DER, 250 FT RIGHT OF CENTERLINE, UP TO 56 FT AGL/279 FT MSL.

**NOTE: RWY 34R,** TERRAIN, AIRFIELD LIGHT, AND SIGN BEGINNING 25 FT FROM DER, 92 FT RIGHT OF CENTERLINE, UP TO 7 FT AGL/196 FT MSL. AIRFIELD LIGHT AND VEGETATION BEGINNING 26 FT FROM DER, 78 FT LEFT OF CENTERLINE, UP TO 9 FT AGL/197 FT MSL. VEHICLES ON ROAD AND POLES BEGINNING 518 FT FROM DER, 595 FT RIGHT OF CENTERLINE, UP TO 24 FT AGL/215 FT MSL. TREES BEGINNING 1759 FT FROM DER, 448 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/238 FT MSL. TREES 1859 FT FROM DER, 828 FT RIGHT OF CENTERLINE, UP TO 39 FT AGL/248 FT MSL. TREES BEGINNING 2548 FT FROM DER, 828 FT LEFT OF CENTERLINE, UP TO 54 FT AGL/283 FT MSL. TREES BEGINNING 2653 FT FROM DER, 1082 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/280 FT MSL.

**CONTROLLING OBSTACLES:**



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**REMARKS:**

*Digitally signed by*  
**FLIGHT INSPECTED BY:** *JULIE A MORGAN*  
GABRIEL J PARKINSON Apr 29, 2015 FICO

04/15/2015

**REQUIRED EFFECTIVE DATE:**  
ROUTINE

**DEVELOPED BY:**

PETER GUIMOND *Digitally signed by*  
*PETER R GUIMOND* AJV-352  
Feb 06, 2015

02/06/2015

**APPROVED BY:**

ADOLFO URRUTIA AJV-352 *Digitally signed by*  
*JULIE A MORGAN*  
Apr 29, 2015

**COORDINATED WITH:**

ALPA, AOPA, NBAA, ZDC, POTOMAC APP CON, HEF TOWER, AMGR.

**CHANGES:**

AMENDED TAKEOFF OBSTACLE NOTES FOR ALL RUNWAYS.

**REASONS:**

GROUPED AND FORMATTED IAW CURRENT DOCUMENTATION POLICY.

