

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.
NEWPORT NEWS, VA	NEWPORT NEWS/WILLIAMSBURG INTL	26 MAY 2016	1

**TAKEOFF MINIMUMS:**

STANDARD.

**TEXTUAL DEPARTURE PROCEDURES:**

**VISUAL CLIMB OVER AIRPORT:**

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 2,** REIL 15 FT FROM DER, 150 FT LEFT OF CENTERLINE, 43 FT MSL. TREE AND AIRPORT SIGN BEGINNING 21 FT FROM DER, 259 FT LEFT OF CENTERLINE, UP TO 50 FT MSL. TREES BEGINNING 45 FT FROM DER, 386 FT RIGHT OF CENTERLINE, UP TO 51 FT MSL. TREES BEGINNING 212 FT FROM DER, 375 FT RIGHT OF CENTERLINE, UP TO 53 FT MSL. TREE 366 FT FROM DER, 597 FT RIGHT OF CENTERLINE, 55 FT MSL. TREE 439 FT FROM DER, 487 FT RIGHT OF CENTERLINE, 56 FT MSL. TREE 689 FT FROM DER, 652 FT RIGHT OF CENTERLINE, 60 FT MSL. POLE 840 FT FROM DER, 625 FT LEFT OF CENTERLINE, 78 FT MSL. POLES BEGINNING 840 FT FROM DER, 522 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/80 FT MSL. TREES BEGINNING 898 FT FROM DER, 723 FT RIGHT OF CENTERLINE, UP TO 124 FT MSL. TREE AND POLE BEGINNING 935 FT FROM DER, 427 FT LEFT OF CENTERLINE, UP TO 131 FT MSL. TREES BEGINNING 1067 FT FROM DER, 253 FT RIGHT OF CENTERLINE, UP TO 135 FT MSL. TREE AND POLE BEGINNING 1183 FT FROM DER, 498 FT RIGHT OF CENTERLINE, UP TO 140 FT MSL. TREES BEGINNING 1399 FT FROM DER, 428 FT LEFT OF CENTERLINE, UP TO 150 FT MSL. TREES BEGINNING 1629 FT FROM DER, 413 FT RIGHT OF CENTERLINE, UP TO 151 FT MSL. TREE AND T-L TOWER BEGINNING 1704 FT FROM DER, 47 FT LEFT OF CENTERLINE, UP TO 156 FT MSL. T-L TOWERS AND TREES BEGINNING 3347 FT FROM DER, 5 FT LEFT OF CENTERLINE, UP TO 163 FT MSL.

**NOTE: RWY 7,** SIGNS BEGINNING 55 FT FROM DER, 282 FT LEFT OF CENTERLINE, UP TO 8 FT AGL/42 FT MSL. TREE 368 FT FROM DER, 588 FT LEFT OF CENTERLINE, 73 FT MSL. TREE 1557 FT FROM DER, 906 FT RIGHT OF CENTERLINE, 95 FT MSL. TREES BEGINNING 1557 FT FROM DER, 904 FT RIGHT OF CENTERLINE, UP TO 96 FT MSL. TREE 2279 FT FROM DER, 932 FT RIGHT OF CENTERLINE, 99 FT MSL. TREES BEGINNING 2477 FT FROM DER, 909 FT RIGHT OF CENTERLINE, UP TO 110 FT MSL. TREE 3535 FT FROM DER, 1395 FT LEFT OF CENTERLINE, 140 FT MSL. TREES BEGINNING 3535 FT FROM DER, 1291 FT LEFT OF CENTERLINE, UP TO 141 FT MSL. TREES BEGINNING 3884 FT FROM DER, 965 FT LEFT OF CENTERLINE, UP TO 144 FT MSL. TREES BEGINNING 3927 FT FROM DER, 315 FT LEFT OF CENTERLINE, UP TO 147 FT MSL. TREES BEGINNING 3958 FT FROM DER, 235 FT LEFT OF CENTERLINE, UP TO 153 FT MSL. TREE 4288 FT FROM DER, 454 FT RIGHT OF CENTERLINE, 154 FT MSL. T-L TOWERS BEGINNING 5621 FT FROM DER, 1337 FT LEFT OF CENTERLINE, UP TO 189 FT MSL.

**NOTE: RWY 20,** AIRPORT SIGN 41 FT FROM DER, 310 FT RIGHT OF CENTERLINE, 39 FT MSL. BUSH 96 FT FROM DER, 290 FT LEFT OF CENTERLINE, 52 FT MSL. TREES BEGINNING 1038 FT FROM DER, 489 FT LEFT OF CENTERLINE, UP TO 90 FT MSL. TREES BEGINNING 2779 FT FROM DER, 1002 FT RIGHT OF CENTERLINE, UP TO 111 FT MSL.

**NOTE: RWY 25,** TREE 357 FT FROM DER, 563 FT RIGHT OF CENTERLINE, 48 FT MSL. TREE 539 FT FROM DER, 594 FT RIGHT OF CENTERLINE, 59 FT MSL. TREES BEGINNING 623 FT FROM DER, 550 FT RIGHT OF CENTERLINE, UP TO 71 FT MSL. TREE 719 FT FROM DER, 580 FT RIGHT OF CENTERLINE, 79 FT MSL. TREES BEGINNING 776 FT FROM DER, 581 FT RIGHT OF CENTERLINE, UP TO 86 FT MSL. TREES BEGINNING 853 FT FROM DER, 600 FT RIGHT OF CENTERLINE, UP TO 91 FT MSL. TREES BEGINNING 1021 FT FROM DER, 587 FT RIGHT OF CENTERLINE, UP TO 97 FT MSL. TREE 1046 FT FROM DER, 672 FT RIGHT OF CENTERLINE, 112 FT MSL. TREE 1121 FT FROM DER, 726 FT RIGHT OF CENTERLINE, 115 FT MSL. TREE 1121 FT FROM DER, 745 FT RIGHT OF CENTERLINE, 119 FT MSL. TREES BEGINNING 1125 FT FROM DER, 335 FT RIGHT OF CENTERLINE, UP TO 123 FT MSL. TREE 3437 FT FROM DER, 1126 FT RIGHT OF CENTERLINE, 139 FT MSL.

**CONTROLLING OBSTACLES:**

QUALITY  
3  
CHECKED

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**REMARKS:**

**FLIGHT INSPECTED BY:**

*Digitally signed by*  
BOB S PRESSLER **ADOLFO D URRUTIA** FICO  
Mar 03, 2016

02/25/2016

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**DEVELOPED BY:**

*Digitally signed by*  
PETER GUIMOND **PETER R GUIMOND** AJV-5413  
Dec 14, 2015

12/14/2015

**APPROVED BY:**

*Digitally signed by*  
MARLON ROBINSON **ADOLFO D URRUTIA** AJV-5410  
Mar 03, 2016

**COORDINATED WITH:**

ATA, ALPA, APA, AOPA, NBAA, ZDC, ORF APP CON, PHF ATCT, ARPT MGR

**CHANGES:**

1. AMENDED RWY 20 TAKEOFF MINIMUMS FROM 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 255 FT PER NM TO 300 TO READ STANDARD.
2. AMENDED TAKEOFF OBSTACLE NOTES FOR ALL RUNWAYS.

**REASONS:**

1. THE CONTROLLING OBSTACLE FOR THE CLIMB GRADIENT (227 MSL STACK, 370629.00N/0763007.00W) HAS BEEN REMOVED FROM THE DATABASE AND NO LONGER IS DEPICTED ON THE SECTIONAL CHART.
2. NEW OBSTACLE STUDY USING OBSTACLE SURVEY ADDED SINCE LAST AMENDMENT. GROUPED AND FORMATTED IN ACCORDANCE WITH CURRENT DOCUMENTATION POLICY.

QUALITY  
3  
CHECKED