

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

Bearings, headings, courses, tracks and radials are magnetic. Elevations 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
ROANOKE, VA	ROANOKE-BLACKSBURG RGNL/WOODRUM FIELD	15 AUGUST 2019	11A

TAKEOFF MINIMUMS:

RWY 34: NA – OBSTACLES.

RWY 6: STANDARD WITH MINIMUM CLIMB OF 585 FT PER NM TO 3000 OR 2600-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 16: STANDARD WITH MINIMUM CLIMB OF 340 FT PER NM TO 3300 OR 2600-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 24: STANDARD WITH MINIMUM CLIMB OF 365 FT PER NM TO 5100 OR 2600-3 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 6: CLIMB ON HEADING 057.72 TO 3200 BEFORE PROCEEDING ON COURSE.

RWY 16: CLIMB ON HEADING 155.92 TO 3000 BEFORE PROCEEDING ON COURSE.

RWY 24: CLIMB ON HEADING 237.73 TO 3000 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS ROANOKE-BLACKSBURG RGNL/WOODRUM FIELD AT OR ABOVE 3600 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 6: TREES AND BUSHES BEGINNING 88 FT FROM DER, 340 FT RIGHT OF CENTERLINE, UP TO 59 FT AGL/1159 FT MSL. TREES 238 FT FROM DER, 540 FT RIGHT OF CENTERLINE, UP TO 71 FT AGL/1171 FT MSL. TREES BEGINNING 1536 FT FROM DER, 298 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1219 FT MSL. TREES BEGINNING 2.7 NM FROM DER, 2645 FT LEFT OF CENTERLINE, UP TO 84 FT AGL/1864 FT MSL. TREES BEGINNING 2.8 NM FROM DER, 2912 FT LEFT OF CENTERLINE, UP TO 51 FT AGL/2271 FT MSL. TOWERS BEGINNING 2.9 NM FROM DER, 3455 FT LEFT OF CENTERLINE, UP TO 216 FT AGL/2407 FT MSL.

NOTE: RWY 16: SIGN 40 FT FROM DER, 252 FT LEFT OF CENTERLINE, 18 FT AGL/1144 FT MSL. TREES ON HILLTOP 1.1 NM FROM DER, 2211 FT LEFT OF CENTERLINE, UP TO 56 FT AGL/1336 FT MSL.

NOTE: RWY 24: SIGN 42 FT FROM DER, 249 FT LEFT OF CENTERLINE, 13 FT AGL/1154 FT MSL. TREE 2872 FT FROM DER, 1246 FT LEFT OF CENTERLINE, 92 FT AGL/1232 FT MSL.

CONTROLLING OBSTACLES:

RWY 6: 2407 FT MSL TOWER 372224.64N/0795535.79W (CLIMB GRADIENT). 3397 FT MSL AAO 372332.83N/0800212.19W (CLIMB-TO ALTITUDE).

RWY 16: 3771 FT MSL AAO 370702.56N/0800055.85W.

RWY 24: 4009 FT MSL TOWER 371156.00N/0800900.00W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 6/16: 3397 FT MSL AAO 372332.83N/0800212.19W. RWY 24: 3282 FT MSL AAO 372037.04N/0800410.41W.

VCOA: 3397 FT MSL AAO 372332.83N/0800212.19W.

REMARKS:

LETTER OF APPROVAL ON FILE FOR RWY 6, CG 585 FT/NM TO 3000.

FLIGHT INSPECTED BY: *Digitally signed by*
DAVID DANNER
JORGE A MALCUN
Apr 05, 2019

OFFICE SYMBOL: **DATE:**
FICO
4/3/19

DEVELOPED BY: *Digitally signed by*
DAVID DANNER
ROBERT HAMILTON (STEVEN E. WINNER)
Apr 05, 2019

OFFICE SYMBOL: **DATE:**
AJV-A422
02/01/2019

APPROVED BY: *Digitally signed by*
DAVID DANNER
JULIE A. MORGAN
Apr 05, 2019

OFFICE SYMBOL: **DATE:**
AJV-A42



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<u>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
ROANOKE, VA	ROANOKE-BLACKSBURG RGNL/WOODRUM FIELD	15 AUGUST 2019	11A

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:
ZDC, ROA APP CON, ROA ATCT, AMGR.

CHANGES - REASONS:

1. CHANGED RWY 24 TAKEOFF MINIMUMS FROM "STANDARD WITH MINIMUM CLIMB OF 242 FT PER NM TO 2800" TO "STANDARD WITH MINIMUM CLIMB OF 365 FT PER NM TO 5100" - REMOVAL OF DIXXY INT FROM PROCEDURE DUE TO FIX BECOMING DME ONLY. ROUTE CHANGED FROM USE OF I-SZK LDA LOCALIZER WEST COURSE TO DIXXY INT TO STRAIGHT OUT RWY HEADING.
2. CHANGED RWY 24 TEXTUAL DEPARTURE PROCEDURES FROM "CLIMB ON HEADING 237.73 AND ON I-SZK LDA LOCALIZER WEST COURSE TO 4200 TO DIXXY INT/I-SZK 15.25 DME BEFORE PROCEEDING ON COURSE." TO "CLIMB ON HEADING 237.73 TO 3000 BEFORE PROCEEDING ON COURSE." - REMOVAL OF DIXXY INT FROM PROCEDURE DUE TO FIX BECOMING DME ONLY. ROUTE CHANGED FROM USE OF I-SZK LDA LOCALIZER WEST COURSE TO DIXXY INT TO STRAIGHT OUT RWY HEADING.
3. CHANGED RWY 24 CONTROLLING OBSTACLE - ROUTE CHANGED FROM USE OF I-SZK LDA LOCALIZER WEST COURSE TO DIXXY INT TO STRAIGHT OUT RWY HEADING.