

**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.

<u>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
BLACKSBURG, VA	VIRGINIA TECH/MONTGOMERY EXECUTIVE	10 SEPTEMBER 2020	6

TAKEOFF MINIMUMS:

RWY 31: STANDARD.

RWY 13: 400 - 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 460 FT PER NM TO 2600.

TEXTUAL DEPARTURE PROCEDURES:

RWY 13: CLIMBING RIGHT TURN TO HEADING 200.00 TO 3400 BEFORE PROCEEDING ON COURSE.

RWY 31: CLIMBING LEFT TURN TO HEADING 235.00 TO 4100 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 13: TREES, LIGHTING, SIGN BEGINNING ABEAM DER, 71 FT RIGHT OF CENTERLINE, UP TO 2187 FT MSL. TERRAIN 69 FT FROM DER, 497 FT LEFT OF CENTERLINE, 2134 FT MSL. TREE, TERRAIN BEGINNING 82 FT FROM DER, 209 FT LEFT OF CENTERLINE, UP TO 2180 FT MSL. TREES, TERRAIN BEGINNING 261 FT FROM DER, 216 FT LEFT OF CENTERLINE, UP TO 2184 FT MSL. TREES BEGINNING 775 FT FROM DER, 294 FT LEFT OF CENTERLINE, UP TO 2212 FT MSL. TREES, ANTENNA BEGINNING 891 FT FROM DER, 256 FT LEFT OF CENTERLINE, UP TO 2216 FT MSL. TREE 2907 FT FROM DER, 50 FT RIGHT OF CENTERLINE, 2195 FT MSL. TREE 3068 FT FROM DER, 73 FT RIGHT OF CENTERLINE, 2201 FT MSL. TREE 3114 FT FROM DER, 190 FT RIGHT OF CENTERLINE, 2208 FT MSL. TREE 4019 FT FROM DER, 1535 FT LEFT OF CENTERLINE, 2226 FT MSL. TREE 4324 FT FROM DER, 1403 FT LEFT OF CENTERLINE, 2228 FT MSL. TREE 4362 FT FROM DER, 1533 FT LEFT OF CENTERLINE, 2233 FT MSL. TREE 4370 FT FROM DER, 1248 FT LEFT OF CENTERLINE, 2238 FT MSL. TREE 4466 FT FROM DER, 1637 FT LEFT OF CENTERLINE, 2240 FT MSL. TREES BEGINNING 4472 FT FROM DER, 1157 FT LEFT OF CENTERLINE, UP TO 2260 FT MSL. TREES BEGINNING 5031 FT FROM DER, 1039 FT LEFT OF CENTERLINE, UP TO 2269 FT MSL. TREE 5059 FT FROM DER, 1538 FT LEFT OF CENTERLINE, 2288 FT MSL. TREES BEGINNING 5186 FT FROM DER, 1256 FT LEFT OF CENTERLINE, UP TO 2307 FT MSL. TREES BEGINNING 5214 FT FROM DER, 1591 FT LEFT OF CENTERLINE, UP TO 2314 FT MSL. TREES BEGINNING 5336 FT FROM DER, 1199 FT LEFT OF CENTERLINE, UP TO 2327 FT MSL. TREES BEGINNING 5366 FT FROM DER, 1693 FT LEFT OF CENTERLINE, UP TO 2343 FT MSL. TREES BEGINNING 5411 FT FROM DER, 1149 FT LEFT OF CENTERLINE, UP TO 2356 FT MSL. TREES BEGINNING 5535 FT FROM DER, 1150 FT LEFT OF CENTERLINE, UP TO 2366 FT MSL. TREES BEGINNING 5668 FT FROM DER, 1097 FT LEFT OF CENTERLINE, UP TO 2404 FT MSL. TREES BEGINNING 5816 FT FROM DER, 1264 FT LEFT OF CENTERLINE, UP TO 2414 FT MSL. TREES BEGINNING 5862 FT FROM DER, 1018 FT LEFT OF CENTERLINE, UP TO 2435 FT MSL. TREES BEGINNING 5960 FT FROM DER, 1178 FT LEFT OF CENTERLINE, UP TO 2453 FT MSL. TREES, BUILDING, TERRAIN, TRANSMISSION LINE BEGINNING 5983 FT FROM DER, 855 FT LEFT OF CENTERLINE, UP TO 2459 FT MSL. TREE 1.2 NM FROM DER, 1203 FT LEFT OF CENTERLINE, 2322 FT MSL.

NOTE: RWY 31: POLE 22 FT FROM DER, 168 FT RIGHT OF CENTERLINE, 52 FT AGL/2149 FT MSL. POLE 92 FT FROM DER, 75 FT LEFT OF CENTERLINE, 40 FT AGL/2140 FT MSL. POLE 139 FT FROM DER, 61 FT RIGHT OF CENTERLINE, 57 FT AGL/2150 FT MSL. TREE 157 FT FROM DER, 487 FT LEFT OF CENTERLINE, 2149 FT MSL. POLE 402 FT FROM DER, 600 FT RIGHT OF CENTERLINE, 73 FT AGL/2157 FT MSL. POLES, TREES BEGINNING 571 FT FROM DER, 28 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/2162 FT MSL.

CONTROLLING OBSTACLES:

RWY 13: 2459 FT MSL TREE 371208.31N/0802258.52W (CLIMB GRADIENT/CLIMB-TO ALTITUDE/CEILING), 2322 FT MSL TREE 371158.38N/0802244.76W (VISIBILITY).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 13: 3186 FT MSL AAO 371406.00N/0800944.00W.

RWY 31: 4620 FT MSL AAO 372133.00N/0803121.00W.

REMARKS:

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FLIGHT INSPECTED BY:

PENDING

Digitally signed by

JOHN BORDY

Jun 01, 2020

OFFICE SYMBOL:

DATE:

DEVELOPED BY:

ROBERT HAMILTON (AUSTIN GOTCHER)

Digitally signed by

JOHN BORDY

Jun 01, 2020

OFFICE SYMBOL:

AJV-5422

DATE:

09/11/2018

APPROVED BY:

JULIE MORGAN

Digitally signed by

JOHN BORDY

Jun 01, 2020

OFFICE SYMBOL:

AJV-5420

DATE:

REQUIRED EFFECTIVE DATE:

09/10/2020

COORDINATED WITH:

A4A

ALPA

AOPA

APA

HAI

NBAA



OTHER:

ZTL, AMGR, ROA DEP CON

CHANGES - REASONS:

1. RWY NUMBERS CHANGED FROM RWY 12 AND 30 TO 13 AND 31 - MAGVAR CHANGED FROM 6W 1985 TO 8W 2020.
2. RWY 13 VISIBILITY INCREASED FROM 1 1/4 TO 1 1/2. - NEW CONTROLLING OBSTACLE DRIVING HIGHER VISIBILITY.
3. RWY 13 CLIMB GRADIENT LOWERED FROM 500 TO 460 AND CLIMB-TO ALTITUDE FROM 2700 TO 2600 - NEW CONTROLLING OBSTACLES/NEW CRITERIA IN 8260.46F.
4. RWY 13 TEXTUAL DEPARTURE INSTRUCTIONS CHANGED FROM "RWY 12: CLIMBING RIGHT TURN DIRECT PSK VORTAC TO 3500 BEFORE PROCEEDING ON COURSE." TO "RWY 13: CLIMBING RIGHT TURN TO HEADING 200.00 TO 3400 BEFORE PROCEEDING ON COURSE." - PSK VORTAC DECOMMISSIONING AND NEW OBSTACLE CONTROLLING THE CLIMB-TO ALTITUDE.
5. RWY 31 TEXTUAL DEPARTURE INSTRUCTIONS CHANGED FROM "RWY 30: CLIMBING LEFT TURN DIRECT PSK VORTAC TO 4100 BEFORE PROCEEDING ON COURSE." TO "RWY 31: CLIMBING LEFT TURN TO HEADING 235.00 TO 4100 BEFORE PROCEEDING ON COURSE." - PSK VORTAC DECOMMISSIONING AND NEW OBSTACLES IDENTIFIED.
6. UPDATED TAKEOFF OBSTACLE NOTES AND CONTROLLING OBSTACLES - NEW SURVEY/OBSTACLE DATA.

06/01/2020: THIS IS A UPDATED COPY OF THE FORM APPROVED ON 10/12/2018.

1. CHANGED EFFECTIVE DATES FROM 06/20/19 TO 09/10/2020.