

**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>
NORTH WILKESBORO, NC	WILKES COUNTY	20 JUNE 2019	1A

**TAKEOFF MINIMUMS:**

**RWY 1:** STANDARD WITH MINIMUM CLIMB OF 330 FT PER NM TO 5000 OR 2000-3 FOR CLIMB IN VISUAL CONDITIONS.

**RWY 19:** STANDARD WITH MINIMUM CLIMB OF 230 FT PER NM TO 3200 OR 2000-3 FOR CLIMB IN VISUAL CONDITIONS.

**TEXTUAL DEPARTURE PROCEDURES:**

**RWY 19:** CLIMB HEADING 186.65 TO 3200 BEFORE PROCEEDING ON COURSE.

**VISUAL CLIMB OVER AIRPORT:**

**ALL RUNWAYS:** OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS WILKES COUNTY AIRPORT AT OR ABOVE 3200 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 1:** TREES BEGINNING 2 FT FROM DER, 309 FT RIGHT OF CENTERLINE, UP TO 1344 FT MSL. TREE 44 FT FROM DER, 447 FT LEFT OF CENTERLINE, 1351 FT MSL. TREE 65 FT FROM DER, 501 FT LEFT OF CENTERLINE, 1352 FT MSL. TREES BEGINNING 171 FT FROM DER, 495 FT LEFT OF CENTERLINE, UP TO 1364 FT MSL. TREES BEGINNING 294 FT FROM DER, 468 FT LEFT OF CENTERLINE, UP TO 1367 FT MSL. TREES, BUILDING BEGINNING 324 FT FROM DER, 263 FT RIGHT OF CENTERLINE, UP TO 1358 FT MSL. TREE 425 FT FROM DER, 405 FT RIGHT OF CENTERLINE, 1367 FT MSL. TREE 484 FT FROM DER, 491 FT RIGHT OF CENTERLINE, 1378 FT MSL. TREES BEGINNING 520 FT FROM DER, 263 FT RIGHT OF CENTERLINE, UP TO 1379 FT MSL. TREES, POLE BEGINNING 587 FT FROM DER, 188 FT LEFT OF CENTERLINE, UP TO 1370 FT MSL. TREES BEGINNING 760 FT FROM DER, 263 FT RIGHT OF CENTERLINE, UP TO 1381 FT MSL. TREES BEGINNING 1014 FT FROM DER, 146 FT RIGHT OF CENTERLINE, UP TO 1389 FT MSL. TREE 1417 FT FROM DER, 537 FT LEFT OF CENTERLINE, 1374 FT MSL. TREE 1452 FT FROM DER, 641 FT LEFT OF CENTERLINE, 1384 FT MSL. TREES BEGINNING 1528 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 1403 FT MSL. TREES, POLES BEGINNING 2154 FT FROM DER, 423 FT LEFT OF CENTERLINE, UP TO 1421 FT MSL. TREES, POLE BEGINNING 2369 FT FROM DER, 357 FT LEFT OF CENTERLINE, UP TO 1423 FT MSL. TREES BEGINNING 2784 FT FROM DER, 497 FT RIGHT OF CENTERLINE, UP TO 1393 FT MSL. TREES BEGINNING 3436 FT FROM DER, 726 FT RIGHT OF CENTERLINE, UP TO 1406 FT MSL. TREES BEGINNING 3646 FT FROM DER, 1115 FT RIGHT OF CENTERLINE, UP TO 1413 FT MSL. TREE 4982 FT FROM DER, 1807 FT LEFT OF CENTERLINE, 1428 FT MSL. TREES BEGINNING 5360 FT FROM DER, 187 FT RIGHT OF CENTERLINE, UP TO 1443 FT MSL. TREE 5510 FT FROM DER, 363 FT RIGHT OF CENTERLINE, 1448 FT MSL. TREE 5558 FT FROM DER, 430 FT RIGHT OF CENTERLINE, 1451 FT MSL. TREES BEGINNING 5517 FT FROM DER, 290 FT RIGHT OF CENTERLINE, UP TO 1460 FT MSL.

**NOTE: RWY 19:** TREES BEGINNING 33 FT FROM DER, 321 FT RIGHT OF CENTERLINE, UP TO 1262 FT MSL. TREES BEGINNING 135 FT FROM DER, 475 FT LEFT OF CENTERLINE, UP TO 1298 FT MSL. TREES BEGINNING 173 FT FROM DER, 326 FT RIGHT OF CENTERLINE, UP TO 1266 FT MSL. TREE 990 FT FROM DER, 652 FT LEFT OF CENTERLINE, 1304 FT MSL. TREE 1037 FT FROM DER, 469 FT RIGHT OF CENTERLINE, 1274 FT MSL.

**CONTROLLING OBSTACLES:**

**RWY 1:** 3920 FT MSL AAO 362234.63N/0811330.96W.

**RWY 19:** 2667 FT MSL TOWER 360434.00N/0810742.00W.

**RWY 1/19 (VCOA):** 1912 FT MSL AAO 361652.44N/0810753.83W (VCA). 3920 FT MSL AAO 362234.63N/0811330.96W (DIVERSE).

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 19 - 3920 FT MSL AAO 362234.63N/0811330.96W

**REMARKS:**

RWY 1 CLIMB GRADIENT (330 FT PER NM) ROUNDED UP FOR PUBLICATION.

RWY 19 CLIMB GRADIENT (230 FT PER NM) ROUNDED UP FOR PUBLICATION.

**FLIGHT INSPECTED BY:**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

**OFFICE SYMBOL:**

**DATE:**

*Digitally signed by*

**CASIMIR L TABAKA**

Mar 21, 2019

Austin Lee Gotcher

Digitally signed by Austin Lee Gotcher  
Date: 2019.03.14 07:48:05 -05'00'

**OFFICE SYMBOL:**

AJV-A422

**DATE:**

02/12/2019

**APPROVED BY:**

MARLON ROBINSON

*Digitally signed by*

**CASIMIR L TABAKA**

Mar 20, 2019

**OFFICE SYMBOL:**

AJV-A420

**DATE:**

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FLIGHT STANDARDS SERVICE  
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NORTH WILKESBORO, NC	WILKES COUNTY	20 JUNE 2019	1A

**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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**OTHER:**  
ZTL, AMGR.

**CHANGES - REASONS:**

1. UPDATED TAKEOFF OBSTACLE NOTES. - NEW TAKEOFF OBSTACLE EVALUATION CONDUCTED IN TARGETS USING OBSTACLE GROUPER TOOL VERSION 5.5.0.
2. RWY 1 CONTROLLING OBSTACLE CHANGED FROM 3931 FT MSL AAO 362236.00N/0811333.00W TO 3920 FT MSL AAO 362234.63N/0811330.96W. - NEW TERRAIN STUDY AND APPLICATION OF AAO.
3. RWY 1/19 (VCOA) CONTROLLING OBSTACLES CHANGED FROM 1851 FT MSL AAO 361651.00N/0810754.00W (VCA). 3931 FT MSL AAO 362236.00N/0811333.00W (DIVERSE) TO 1912 FT MSL AAO 361652.44N/0810753.83W (VCA). 3920 FT MSL AAO 362234.63N/0811330.96W (DIVERSE). - NEW TERRAIN STUDY AND APPLICATION OF AAO.
4. OBSTACLE MANDATING ODP ROUTE DEVELOPMENT FOR RWY 19 CHANGED FROM 3931 FT MSL AAO 362236.00N/0811333.00W TO 3920 FT MSL AAO 362234.63N/0811330.96W. - NEW TERRAIN STUDY AND APPLICATION OF AAO.
5. ADDED ZTL AND AMGR TO COORDINATED WITH: OTHER: BLOCK. - IAW 8260.46F APPENDIX D - 1.15.