

**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>
RUTHERFORDTON, NC	RUTHERFORD CO - MARCHMAN FIELD	28 FEBRUARY 2019	4

TAKEOFF MINIMUMS:

RWY 1: STANDARD WITH MINIMUM CLIMB OF 290 FPNM TO 2900 OR 2900-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY19: STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 1: CLIMBING RIGHT TURN HEADING 180 TO 4000 BEFORE PROCEEDING ON COURSE.

RWY 19: CLIMB HEADING 188.61 TO 3600 BEFORE PROCEEDING ON OCURSE.

VISUAL CLIMB OVER AIRPORT:

OBTAIN ATC APPROVAL FOR CLIMB IN VISUAL CONDITIONS WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS RUTHERFORD CO - MARCHMAN FIELD AT OR ABOVE 3800 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 01, TREE, NAVAID BEGINNING 6 FT FROM DER, 250 FT LEFT OF CENTERLINE, UP TO 1139 FT MSL. TREE 315 FT FROM DER, 478 FT RIGHT OF CENTERLINE, 1151 FT MSL. TREE 1985 FT FROM DER, 988 FT RIGHT OF CENTERLINE, 1166 FT MSL.

NOTE: RWY 19, TREE 28 FT FROM DER, 329 FT LEFT OF CENTERLINE, 1080 FT MSL.

TREE 489 FT FROM DER, 455 FT RIGHT OF CENTERLINE, 26 FT AGL/1088 FT MSL.

CONTROLLING OBSTACLES:

RWY 1: 2460 FT MSL AAO 352923.77N/0814947.62W

VCOA: 6884 FT MSL AAO 354553.64N/0821553.82W (VCOA DIVERSE), 1420 FT MSL AAO 352822.05N/0815236.69W (VCA).

OBSTACLE MANDATING ROUTE DEVELOPMENT RWY 1, 19: 6884 FT MSL AAO 354553.64N/0821553.82W.

REMARKS:

RWY 1/19 DEPARTURE ROUTES EVALUATED AS SINGLE HEADING SECTOR DEPARTURES.

FLIGHT INSPECTED BY:

Digitally signed by

KEVIN RIESE

DONALD H LANIER

Dec 21, 2018

OFFICE SYMBOL:

FICO

DATE:

12/18/18

DEVELOPED BY:

Digitally signed by

LIAM DONAHUE

LIAM DONAHUE

Nov 06, 2018

OFFICE SYMBOL:

AJV-5431

DATE:

10/22/2018

APPROVED BY:

Digitally signed by

PATRICK MULQUEEN

DONALD H LANIER

Dec 21, 2018

OFFICE SYMBOL:

AJV-5430

DATE:

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A

ALPA

AOPA

APA

HAI

NBAA



OTHER:

ZTL, GSP APP CON, AMGR

QUALITY
3
CHECKED

CHANGES - REASONS:

1. CHANGED TAKEOFF MINIMUMS RWY 1 FROM: STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 2600 OR 2900-3 FOR VCOA. TO: STANDARD WITH MINIMUM CLIMB OF 290 FPNM TO 2900 OR 2900-3 FOR CLIMB IN VISUAL CONDITIONS. - NEW DEPARTURE ROUTE.

2. CHANGED TAKEOFF MINIMUMS RWY 19 FROM STANDARD WITH MINIMUM CLIMB OF 205 FT PER NM TO 3100 OR 2900-3 FOR VCOA. TO: STANDARD. - NEW SURVEY DATA AND TARGETS RUN.

3. CHANGED TEXTUAL DEPARTURE PROCEDURE RWY 1 FROM: CLIMBING RIGHT TURN HEADING 130 TO INTERCEPT 200 COURSE TO FRT NDB. ADF REQUIRED. TO: CLIMBING RIGHT TURN HEADING 180 TO 4000 BEFORE PROCEEDING ON COURSE. - ATC REQUEST (FRT NDB SCHEDULED FOR DECOMMISSIONING.)

4. RAISED BEFORE PROCEEDING ON COURSE ALTITUDE IN TEXTUAL DEPARTURE PROCEDURE FOR RWY 19 FROM 3100 TO 3600. - NEW DIVERSE CLEARANCE CALCULATIONS.

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- 5. UPDATED TAKEOFF OBSTACLE NOTES. - NEW SURVEY DATA.
- 6. RWY 1/19 DEPARTURE ROUTES EVALUATED AS SINGLE HEADING SECTOR DEPARTURES. - ASSIST FUTURE SPECIALIST.
- 7. UPDATED CONTROLLING OBSTACLES. - NEW MAP STUDY AND SURVEY DATA.

