

**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>AIRPORT</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
GREENVILLE MUNI	3B1	GREENVILLE	ME	3	17 JUNE 2021

TAKEOFF MINIMUMS:

RWY 3: 900-2 3/4 WITH MINIMUM CLIMB OF 340 FEET PER NM TO 3800, OR 2000-3 FOR VCOA.
RWY 14: STANDARD WITH MINIMUM CLIMB OF 300 FEET PER NM TO 3500, OR 2000-3 FOR VCOA.
RWY 21: 300-1 WITH MINIMUM CLIMB OF 330 FEET PER NM TO 3600, OR 2000-3 FOR VCOA.
RWY 32: STANDARD WITH MINIMUM CLIMB OF 430 FEET PER NM TO 4200, OR 2000-3 FOR VCOA.

TEXTUAL DEPARTURE PROCEDURES:

RWY 3: CLIMB ON HEADING 027.38 TO 4000 BEFORE PROCEEDING ON COURSE.
RWY 14: CLIMB ON HEADING 135.35 TO 3000 BEFORE PROCEEDING ON COURSE.
RWY 32: CLIMB ON HEADING 315.36 TO 2300 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 GREENVILLE MUNI AIRPORT AT OR ABOVE 3300 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3, VEHICLES ON ROAD 293 FT FROM DER, ACROSS CENTERLINE, 15 FT AGL/1415 FT MSL.

TREES BEGINNING 1.3 NM FROM DER, 1611 FT LEFT OF CENTERLINE, UP TO 1620 FT MSL.

TREES BEGINNING 1.4 NM FROM DER, 1279 FT LEFT OF CENTERLINE, UP TO 1689 FT MSL.

TREES BEGINNING 1.4 NM FROM DER, 1230 FT LEFT OF CENTERLINE, UP TO 1699 FT MSL.

TREE 1.5 NM FROM DER, 1977 FT LEFT OF CENTERLINE, 1760 FT MSL.

TREES BEGINNING 1.5 NM FROM DER, 1569 FT LEFT OF CENTERLINE, UP TO 1785 FT MSL.

TREES BEGINNING 1.6 NM FROM DER, 2067 FT LEFT OF CENTERLINE, UP TO 1839 FT MSL.

TREE 1.6 NM FROM DER, 2646 FT LEFT OF CENTERLINE, 1863 FT MSL.

TREE 1.7 NM FROM DER, 1548 FT LEFT OF CENTERLINE, 1867 FT MSL.

TREES BEGINNING 1.7 NM FROM DER, 793 FT LEFT OF CENTERLINE, UP TO 1887 FT MSL.

TREES BEGINNING 1.8 NM FROM DER, 345 FT LEFT OF CENTERLINE, UP TO 1946 FT MSL.

TREES BEGINNING 1.8 NM FROM DER, 465 FT LEFT OF CENTERLINE, UP TO 1965 FT MSL.

TREES BEGINNING 1.9 NM FROM DER, 1005 FT LEFT OF CENTERLINE, UP TO 2022 FT MSL.

TREES BEGINNING 1.9 NM FROM DER, 303 FT RIGHT OF CENTERLINE, UP TO 1762 FT MSL.

TREES BEGINNING 2 NM FROM DER, 349 FT LEFT OF CENTERLINE, UP TO 2059 FT MSL.

TREE 2 NM FROM DER, 1336 FT LEFT OF CENTERLINE, 2125 FT MSL.

TREE BEGINNING 2 NM FROM DER, 29 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/2174 FT MSL.

TREE 2.1 NM FROM DER, 464 FT RIGHT OF CENTERLINE, 1862 FT MSL.

TREE 2.1 NM FROM DER, 1189 FT LEFT OF CENTERLINE, 100 FT AGL/2213 FT MSL.

TREE 2.2 NM FROM DER, 227 FT LEFT OF CENTERLINE, 100 FT AGL/1980 FT MSL.

NOTE: RWY 14, TREES BEGINNING 909 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1508 FT MSL.

TREES BEGINNING 1428 FT FROM DER, 76 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1511 FT MSL.

NOTE: RWY 21, TREES BEGINNING 801 FT FROM DER, 699 FT LEFT OF CENTERLINE, 100 FT AGL/1541 FT MSL.

TREES BEGINNING 836 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1551 FT MSL.

TREES BEGINNING 1136 FT FROM DER, 537 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1534 MSL.

NOTE: RWY 32, VEHICLES ON ROAD 43 FT FROM DER, 488 FT RIGHT OF CENTERLINE, 1394 FT MSL.

TREES BEGINNING 62 FT FROM DER, 337 FT LEFT OF CENTERLINE, UP TO 1423 FT MSL.

TOWER 70 FT FROM DER, 337 FT RIGHT OF CENTERLINE, 42 FT AGL/1422 FT MSL.

TREE 135 FT FROM DER, 533 FT RIGHT OF CENTERLINE, 1427 FT MSL.

TREE, VEHICLES ON ROAD BEGINNING 178 FT FROM DER, 316 FT RIGHT OF CENTERLINE, UP TO 1437 FT MSL.

TREES BEGINNING 185 FT FROM DER, 348 FT LEFT OF CENTERLINE, UP TO 1428 FT MSL.

CONTROLLING OBSTACLES:

RWY 3: 3737 FT MSL AAO 453415.00N/0692339.00W (CLIMB GRADIENT/CLIMB GRADIENT TERMINATION ALTITUDE), 2213 FT MSL TREE 453006.00N/0693257.00W (CEILING), 1980 FT MSL TREE 453015.00N/0693239.00W (VISIBILITY).

RWY 14: 2867 FT MSL AAO 452457.00N/0692212.00W.

RWY 21: 3380 FT MSL AAO 452903.00N/0694242.00W (CLIMB GRADIENT/CLIMB GRADIENT TERMINATION ALTITUDE), 1551 FT MSL TREE 452724.00N/0693309.00W (CEILING) 1534 FT MSL TREE 452721.00N/0693309W (VISIBILITY).

RWY 32: 3380 FT MSL AAO 452903.00N/0694242.00W.

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 3, 14: 3737 FT MSL AAO 453415.00N/0692339.00W, RWY 32: 1997 FT MSL TREE 452930.00N/0693400.00W



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ALL RUNWAYS: VCOA: VISUAL CLIMB AREA OBSTACLE: 2213 FT MSL TREE 453006.00N/0693257.00W, OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 3380 FT MSL AAO 452903.00N/0694242.00W

REMARKS:

98 FT VERTICAL ACCURACY CODE (4E) ADJUSTMENT APPLIED TO VCOA CLIMB TO ALTITUDE OBSTACLE.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED IN THE VCOA.

FLIGHT INSPECTED BY

DANIEL KIRBY

Digitally signed by **OFFICE**

JON DENTON FICO

Mar 08, 2021

DATE

1/26/2021

DEVELOPED BY

ANDREW HENNING (THERON CYRUS)

Digitally signed by

JON DENTON

Mar 08, 2021

OFFICE

AJV-A432

DATE

06/08/2020

APPROVED BY

LONNIE EVERHART

JON DENTON

Mar 08, 2021

OFFICE

AJV-A430

DATE

TITLE

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZBW, BGR FSS, AMGR

CHANGES - REASONS:

1. ADDED TAKEOFF OBSTACLE NOTES (ALL RWYS) - NEW OBSTACLE EVALUATION.
2. CHANGED RWY 3 TAKEOFF MINIMUMS FROM: 1000-3 TO: 900-2 3/4 WITH MINIMUM CLIMB OF 340 FEET PER NM TO 3800 - NEW OBSTACLE EVALUATION.
3. CHANGED RWY 3 TEXTUAL DEPARTURE PROCEDURES INSTRUCTIONS FROM: CLIMBING LEFT TURN HEADING 005 TO 3000 BEFORE PROCEEDING ON COURSE TO: CLIMB ON HEADING 027.38 TO 4000 BEFORE PROCEEDING ON COURSE - NEW OBSTACLE EVALUATION.
4. ADDED VCOA (ALL RUNWAYS) - REQUIRED BY NEW OBSTACLE EVALUATION.
5. CHANGED RWY 14 TAKEOFF MINIMUMS FROM: STANDARD TO: STANDARD WITH MINIMUM CLIMB OF 300 TO 3500, OR 2000-3 FOR VCOA - NEW OBSTACLE EVALUATION.
6. CHANGED RWY 14 TEXTUAL DEPARTURE PROCEDURES INSTRUCTIONS FROM: CLIMB RUNWAY HEADING TO 3000 BEFORE PROCEEDING ON COURSE TO: CLIMB ON HEADING 135.35 TO 3000 BEFORE PROCEEDING ON COURSE - NEW OBSTACLE EVALUATION.
7. CHANGED RWY 21 TAKEOFF MINIMUMS FROM: 300-1 TO: 300-1 WITH MINIMUM CLIMB OF 330 TO 3600 - NEW OBSTACLE EVALUATION.
8. DELETED RWY 21 TEXTUAL DEPARTURE PROCEDURES INSTRUCTIONS: CLIMB RUNWAY HEADING TO 3000 BEFORE PROCEEDING ON COURSE - REQUIRED BY NEW OBSTACLE EVALUATION.
9. CHANGED RWY 32 TAKEOFF MINIMUMS FROM: 300-1 TO: STANDARD WITH MINIMUM CLIMB OF 430 TO 4200, OR 2000-3 FOR VCOA - NEW OBSTACLE EVALUATION.
10. CHANGED RWY 32 TEXTUAL DEPARTURE PROCEDURES INSTRUCTIONS FROM: CLIMBING RIGHT TURN HEADING 005 TO 3000 BEFORE PROCEEDING ON COURSE TO: CLIMB ON HEADING 315.36 TO 2300 BEFORE PROCEEDING ON COURSE - REQUIRED BY NEW OBSTACLE EVALUATION.

