

**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>
CLAREMONT, NH	CLAREMONT MUNI	5 DECEMBER 2019	3

TAKEOFF MINIMUMS:

RWY 11, 29: 3100-3 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

RWY 11, 29: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS CLAREMONT MUNI AT OR ABOVE 3500 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 11, TERRAIN 10 FT FROM DER, 8 FT RIGHT OF CENTERLINE, 543 FT MSL.
TREES AND VEGETATION BEGINNING 21 FT FROM DER, 73 FT LEFT OF CENTERLINE, UP TO 571 FT MSL.
TREES BEGINNING 44 FT FROM DER, 120 FT RIGHT OF CENTERLINE, UP TO 613 FT MSL.
TREE 1835 FT FROM DER, 63 FT LEFT OF CENTERLINE, 602 FT MSL.
TREE 1923 FT FROM DER, 16 FT LEFT OF CENTERLINE, 619 FT MSL.
TREES BEGINNING 1965 FT FROM DER, 14 FT RIGHT OF CENTERLINE, UP TO 619 FT MSL.
TREES BEGINNING 2250 FT FROM DER, 123 FT RIGHT OF CENTERLINE, UP TO 636 FT MSL.
TREES BEGINNING 2294 FT FROM DER, 16 FT RIGHT OF CENTERLINE, UP TO 642 FT MSL.
TREES BEGINNING 2946 FT FROM DER, 35 FT LEFT OF CENTERLINE, UP TO 640 FT MSL.
TREES BEGINNING 2954 FT FROM DER, 29 FT RIGHT OF CENTERLINE, UP TO 645 FT MSL.
TREES BEGINNING 3362 FT FROM DER, 285 FT RIGHT OF CENTERLINE, UP TO 660 FT MSL.
TREE 1.4 NM FROM DER, 2369 FT RIGHT OF CENTERLINE, 768 FT MSL.
TREES BEGINNING 1.4 NM FROM DER, 1996 FT RIGHT OF CENTERLINE, UP TO 832 FT MSL.
TREES BEGINNING 1.5 NM FROM DER, 1803 FT RIGHT OF CENTERLINE, UP TO 943 FT MSL.
TREE 1.6 NM FROM DER, 2488 FT LEFT OF CENTERLINE, 802 FT MSL.
TREES BEGINNING 1.6 NM FROM DER, 2880 FT LEFT OF CENTERLINE, UP TO 838 FT MSL.
TREE 1.8 NM FROM DER, 3005 FT LEFT OF CENTERLINE, 855 FT MSL.
TREE 1.9 NM FROM DER, 2902 FT LEFT OF CENTERLINE, 856 FT MSL.
TREES BEGINNING 1.9 NM FROM DER, 2004 FT LEFT OF CENTERLINE, UP TO 888 FT MSL.
TREES BEGINNING 2 NM FROM DER, 1102 FT LEFT OF CENTERLINE, UP TO 899 FT MSL.
TREE 2 NM FROM DER, 2839 FT LEFT OF CENTERLINE, 1093 FT MSL.
TREES BEGINNING 2 NM FROM DER, 325 FT LEFT OF CENTERLINE, UP TO 1117 FT MSL.
TREES BEGINNING 2.1 NM FROM DER, 1477 FT LEFT OF CENTERLINE, UP TO 1134 FT MSL.
TREES BEGINNING 2.4 NM FROM DER, 2994 FT LEFT OF CENTERLINE, UP TO 1136 FT MSL.

NOTE: RWY 29, TERRAIN 1 FT FROM DER, 1 FT RIGHT OF CENTERLINE, 533 FT MSL.
TREE 3 FT FROM DER, 321 FT LEFT OF CENTERLINE, 573 FT MSL.
TREE, POLE AND TRANSMISSION LINE BEGINNING 11 FT FROM DER, 47 FT RIGHT OF CENTERLINE, UP TO 587 FT MSL.
TREES BEGINNING 324 FT FROM DER, 126 FT LEFT OF CENTERLINE, UP TO 590 FT MSL.
TREE 1910 FT FROM DER, 108 FT RIGHT OF CENTERLINE, 588 FT MSL.
TREE 1973 FT FROM DER, 198 FT RIGHT OF CENTERLINE, 600 FT MSL.
TREES BEGINNING 1980 FT FROM DER, 29 FT RIGHT OF CENTERLINE, UP TO 611 FT MSL.
TREES BEGINNING 2040 FT FROM DER, 124 FT LEFT OF CENTERLINE, UP TO 608 FT MSL.
TREE 2074 FT FROM DER, 168 FT RIGHT OF CENTERLINE, 617 FT MSL.
TREES BEGINNING 2079 FT FROM DER, 67 FT RIGHT OF CENTERLINE, UP TO 628 FT MSL.
TREE 2125 FT FROM DER, 183 FT LEFT OF CENTERLINE, 634 FT MSL.
TREES BEGINNING 2137 FT FROM DER, 80 FT LEFT OF CENTERLINE, UP TO 648 FT MSL.
TREE 2190 FT FROM DER, 190 FT RIGHT OF CENTERLINE, 652 FT MSL.
TREE 2220 FT FROM DER, 89 FT RIGHT OF CENTERLINE, 663 FT MSL.
TREE 2224 FT FROM DER, 199 FT LEFT OF CENTERLINE, 652 FT MSL.
TREE 2236 FT FROM DER, 309 FT RIGHT OF CENTERLINE, 686 FT MSL.
TREES BEGINNING 2238 FT FROM DER, 96 FT LEFT OF CENTERLINE, UP TO 665 FT MSL.
TREES BEGINNING 2304 FT FROM DER, 18 FT LEFT OF CENTERLINE, UP TO 668 FT MSL.
TREE 2334 FT FROM DER, 214 FT RIGHT OF CENTERLINE, 695 FT MSL.
TREES BEGINNING 2338 FT FROM DER, 112 FT LEFT OF CENTERLINE, UP TO 675 FT MSL.
TREE 2344 FT FROM DER, 356 FT RIGHT OF CENTERLINE, 713 FT MSL.
TREES BEGINNING 2359 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 719 FT MSL.
TREE 2427 FT FROM DER, 222 FT LEFT OF CENTERLINE, 678 FT MSL.
TREES BEGINNING 2465 FT FROM DER, 101 FT LEFT OF CENTERLINE, UP TO 684 FT MSL.
TREES BEGINNING 2570 FT FROM DER, 15 FT LEFT OF CENTERLINE, UP TO 705 FT MSL.
TREES BEGINNING 3525 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 720 FT MSL.
TREES BEGINNING 3582 FT FROM DER, 129 FT LEFT OF CENTERLINE, UP TO 712 FT MSL.
TREE 3601 FT FROM DER, 443 FT RIGHT OF CENTERLINE, 737 FT MSL.

QUALITY
20
CHECKED

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TREES BEGINNING 3640 FT FROM DER, 145 FT RIGHT OF CENTERLINE, UP TO 738 FT MSL.
TREES BEGINNING 3667 FT FROM DER, 17 FT LEFT OF CENTERLINE, UP TO 720 FT MSL.
TREES BEGINNING 3710 FT FROM DER, 149 FT RIGHT OF CENTERLINE, UP TO 753 FT MSL.
TREES BEGINNING 3813 FT FROM DER, 19 FT RIGHT OF CENTERLINE, UP TO 761 FT MSL.
TREES AND AGRICULTURAL EQUIPMENT BEGINNING 3928 FT FROM DER, 75 FT RIGHT OF CENTERLINE, UP TO 778 FT MSL.
TREES BEGINNING 4019 FT FROM DER, 53 FT LEFT OF CENTERLINE, UP TO 724 FT MSL.
TREE 4028 FT FROM DER, 436 FT RIGHT OF CENTERLINE, 781 FT MSL.
TREES BEGINNING 4032 FT FROM DER, 46 FT RIGHT OF CENTERLINE, UP TO 789 FT MSL.
TREES BEGINNING 4122 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 734 FT MSL.
TREES BEGINNING 4583 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 807 FT MSL.
TREE 4804 FT FROM DER, 128 FT LEFT OF CENTERLINE, 744 FT MSL.
TREES BEGINNING 4824 FT FROM DER, 24 FT LEFT OF CENTERLINE, UP TO 745 FT MSL.
TREES BEGINNING 4927 FT FROM DER, 63 FT LEFT OF CENTERLINE, UP TO 749 FT MSL.
TREES BEGINNING 5041 FT FROM DER, 15 FT RIGHT OF CENTERLINE, UP TO 840 FT MSL.
TREES BEGINNING 5067 FT FROM DER, 84 FT LEFT OF CENTERLINE, UP TO 752 FT MSL.
TREES BEGINNING 5168 FT FROM DER, 92 FT LEFT OF CENTERLINE, UP TO 754 FT MSL.
TREES BEGINNING 5320 FT FROM DER, 145 FT LEFT OF CENTERLINE, UP TO 758 FT MSL.
TREES BEGINNING 5394 FT FROM DER, 308 FT LEFT OF CENTERLINE, UP TO 774 FT MSL.
TREES BEGINNING 5403 FT FROM DER, 7 FT LEFT OF CENTERLINE, UP TO 776 FT MSL.
TREES BEGINNING 5567 FT FROM DER, 278 FT LEFT OF CENTERLINE, UP TO 799 FT MSL.
TREES BEGINNING 5593 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 832 FT MSL.
TREES BEGINNING 5769 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 850 FT MSL.
TREE 5771 FT FROM DER, 351 FT LEFT OF CENTERLINE, 833 FT MSL.
TREES BEGINNING 5772 FT FROM DER, 79 FT LEFT OF CENTERLINE, UP TO 838 FT MSL.
TREE 5872 FT FROM DER, 427 FT LEFT OF CENTERLINE, 842 FT MSL.
TREE 5879 FT FROM DER, 557 FT LEFT OF CENTERLINE, 861 FT MSL.
TREES BEGINNING 5898 FT FROM DER, 102 FT LEFT OF CENTERLINE, UP TO 872 FT MSL.
TREES BEGINNING 5995 FT FROM DER, 188 FT LEFT OF CENTERLINE, UP TO 893 FT MSL.
TREES BEGINNING 1 NM FROM DER, 384 FT RIGHT OF CENTERLINE, UP TO 866 FT MSL.
TREE 1 NM FROM DER, 1318 FT LEFT OF CENTERLINE, 929 FT MSL.
TREE 1 NM FROM DER, 949 FT LEFT OF CENTERLINE, 946 FT MSL.
TREES BEGINNING 1 NM FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 953 FT MSL.
TREE 1.1 NM FROM DER, 1254 FT RIGHT OF CENTERLINE, 871 FT MSL.
TREE 1.1 NM FROM DER, 596 FT RIGHT OF CENTERLINE, 879 FT MSL.
TREE 1.1 NM FROM DER, 1381 FT RIGHT OF CENTERLINE, 917 FT MSL.
TREE 1.1 NM FROM DER, 2054 FT RIGHT OF CENTERLINE, 929 FT MSL.
TREES BEGINNING 1.1 NM FROM DER, 1018 FT RIGHT OF CENTERLINE, UP TO 1000 FT MSL.
TREE 1.2 NM FROM DER, 1112 FT RIGHT OF CENTERLINE, 1013 FT MSL.
TREES BEGINNING 1.2 NM FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 1017 FT MSL.
TREES BEGINNING 2.3 NM FROM DER, 969 FT RIGHT OF CENTERLINE, UP TO 1024 FT MSL.
TREES BEGINNING 2.4 NM FROM DER, 454 FT RIGHT OF CENTERLINE, UP TO 1031 FT MSL.
TREE AND RISING TERRAIN BEGINNING 2.4 NM FROM DER, 968 FT RIGHT OF CENTERLINE, UP TO 1031 FT MSL.
TREE 2.4 NM FROM DER, 3881 FT LEFT OF CENTERLINE, 959 FT MSL.
TREES BEGINNING 2.5 NM FROM DER, 938 FT LEFT OF CENTERLINE, UP TO 967 FT MSL.
TREE 2.5 NM FROM DER, 3781 FT RIGHT OF CENTERLINE, 1087 FT MSL.
TREES BEGINNING 2.5 NM FROM DER, 215 FT RIGHT OF CENTERLINE, UP TO 1088 FT MSL.
TREES BEGINNING 2.5 NM FROM DER, 227 FT LEFT OF CENTERLINE, UP TO 1078 FT MSL.

CONTROLLING OBSTACLES:

RWY 11, 29: VISUAL CLIMB AREA OBSTACLE: 2208 FT MSL AAO 432344.46N/0721740.87W,
OBSTACLE OUTSIDE VISUAL AREA MANDATING VCOA CLIMB TO ALTITUDE: 3284 FT MSL TOWER (50-000022) 432614.90N/0722704.19W.

REMARKS:

FLIGHT INSPECTED BY:

DURLEY J FELDER

Digitally signed by
DONALD H LANIER

Sep 23, 2019

OFFICE SYMBOL:

FICO

DATE:

9/17/19

DEVELOPED BY:

DONALD LANIER (ROSALYN REOLA)

Digitally signed by
DONALD H LANIER

Sep 23, 2019

OFFICE SYMBOL:

AJV-A431

DATE:

07/23/2019

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APPROVED BY:	<i>Digitally signed by</i>	OFFICE SYMBOL:	DATE:
GEORGE DAVIS	DONALD H LANIER	AJV-A430	
	Sep 23, 2019		

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:
ZBW, EST FPT, TEBW, AIRPORT MANAGER

CHANGES - REASONS:

1. RWY 11 TAKEOFF MINIMUMS CHANGED FROM "700-3 OR STANDARD WITH MINIMUM CLIMB OF 490 FEET PER NM TO 1400, OR 3100 2 1/2 FOR CLIMB IN VISUAL CONDITIONS" TO "3100-3 FOR CLIMB IN VISUAL CONDITIONS" - NEW CONTROLLING OBSTACLES.
2. RWY 29 TAKEOFF MINIMUMS CHANGED FROM "1300-3 OR 3100 2 1/2 FOR CLIMB IN VISUAL CONDITIONS" TO "3100-3 FOR CLIMB IN VISUAL CONDITIONS" - NEW CONTROLLING OBSTACLES.
3. DEPARTURE PROCEDURE CHANGED FROM "CLIMB IN VISUAL CONDITIONS TO CROSS CLAREMONT MUNI AT OR ABOVE 3000" TO "OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS CLAREMONT MUNI AT OR ABOVE 3500 BEFORE PROCEEDING ON COURSE" - NEW CONTROLLING OBSTACLES.
4. UPDATED TAKEOFF OBSTACLE NOTES ALL RWYS - NEW SURVEY DATA.
5. UPDATED CONTROLLING OBSTACLES - NEW SURVEY DATA.