

**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.

<b>CITY, STATE</b>	<b>AIRPORT</b>	<b>EFFECTIVE DATE</b>	<b>AMDT NO</b>
SARANAC LAKE, NY	ADIRONDACK RGNL	21 JUNE 2018	8

**TAKEOFF MINIMUMS:**

RWY 5: STANDARD WITH A MINIMUM CLIMB OF 345 FT PER NM TO 5000 OR 2500 - 3 FOR VCOA.  
RWY 9: STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 5000 OR 2500 - 3 FOR VCOA.  
RWY 23: STANDARD WITH A MINIMUM CLIMB OF 316 FT PER NM TO 4800 OR 2500 - 3 FOR VCOA.  
RWY 27: STANDARD.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 5: CLIMB HEADING 048.89 TO 4000 BEFORE PROCEEDING ON COURSE.  
RWY 9: CLIMB HEADING 072.12 TO 5000 BEFORE PROCEEDING ON COURSE.  
RWY 23: CLIMB HEADING 228.90 TO 3000 BEFORE PROCEEDING ON COURSE.  
RWY 27: CLMB HEADING 273.12 TO 3100 BEFORE PROCEEDING ON COURSE.

**VISUAL CLIMB OVER AIRPORT:**

RWY 5, 9, 23 : OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS ADIRONDACK REGIONAL AIRPORT AT OR ABOVE 4000, BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 05, TRAVERSE\_WAY 177 FT FROM DER, 20 FT LEFT OF CENTERLINE, 1673 FT MSL. TREE 1421 FT FROM DER, 856 FT RIGHT OF CENTERLINE, 41 FT AGL/1703 FT MSL. TREE 1549 FT FROM DER, 854 FT RIGHT OF CENTERLINE, 1712 FT MSL. TREES BEGINNING 1594 FT FROM DER, 888 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/1735 FT MSL. TREES BEGINNING 1655 FT FROM DER, 914 FT RIGHT OF CENTERLINE, UP TO 1725 FT MSL. TREE 1778 FT FROM DER, 960 FT RIGHT OF CENTERLINE, 1729 FT MSL. TREES BEGINNING 2417 FT FROM DER, 916 FT LEFT OF CENTERLINE, UP TO 1741 FT MSL. TREE 2761 FT FROM DER, 1235 FT RIGHT OF CENTERLINE, 1734 FT MSL. TREES BEGINNING 2772 FT FROM DER, 46 FT LEFT OF CENTERLINE, UP TO 1750 FT MSL. TREES BEGINNING 2820 FT FROM DER, 267 FT RIGHT OF CENTERLINE, UP TO 1735 FT MSL. TREES BEGINNING 3104 FT FROM DER, 106 FT LEFT OF CENTERLINE, UP TO 1754 FT MSL. TREE 3176 FT FROM DER, 54 FT RIGHT OF CENTERLINE, 1747 FT MSL. TREES BEGINNING 3234 FT FROM DER, 789 FT LEFT OF CENTERLINE, UP TO 1756 FT MSL. TREE 3344 FT FROM DER, 34 FT RIGHT OF CENTERLINE, 1751 FT MSL.

NOTE: RWY 09, TERRAIN 61 FT FROM DER, 421 FT LEFT OF CENTERLINE, 1643 FT MSL. TREE 100 FT FROM DER, 341 FT LEFT OF CENTERLINE, 31 FT AGL/1662 FT MSL. TREE, VEGETATION BEGINNING 175 FT FROM DER, 240 FT LEFT OF CENTERLINE, UP TO 1663 FT MSL. VEGETATION 247 FT FROM DER, 297 FT RIGHT OF CENTERLINE, 25 FT AGL/1649 FT MSL. TREES BEGINNING 421 FT FROM DER, 433 FT LEFT OF CENTERLINE, UP TO 58 FT AGL/1698 FT MSL. TREES BEGINNING 637 FT FROM DER, 396 FT RIGHT OF CENTERLINE, UP TO 1680 FT MSL. TREES BEGINNING 684 FT FROM DER, 427 FT LEFT OF CENTERLINE, UP TO 1699 FT MSL. TREES BEGINNING 690 FT FROM DER, 381 FT RIGHT OF CENTERLINE, UP TO 1681 FT MSL. TREES BEGINNING 784 FT FROM DER, 453 FT RIGHT OF CENTERLINE, UP TO 1684 FT MSL. TREES BEGINNING 997 FT FROM DER, 86 FT RIGHT OF CENTERLINE, UP TO 51 FT AGL/1678 FT MSL. TREES BEGINNING 1031 FT FROM DER, 52 FT LEFT OF CENTERLINE, UP TO 1693 FT MSL. TREE 1459 FT FROM DER, 0 FT OF CENTERLINE, 1692 FT MSL. TREES BEGINNING 1491 FT FROM DER, 28 FT RIGHT OF CENTERLINE, UP TO 1684 FT MSL. TREES BEGINNING 1813 FT FROM DER, 25 FT RIGHT OF CENTERLINE, UP TO 1691 FT MSL. TREES BEGINNING 2007 FT FROM DER, 24 FT LEFT OF CENTERLINE, UP TO 1697 FT MSL. TREES BEGINNING 2100 FT FROM DER, 16 FT RIGHT OF CENTERLINE, UP TO 1698 FT MSL. TREES BEGINNING 3006 FT FROM DER, 45 FT RIGHT OF CENTERLINE, UP TO 1750 FT MSL. TREES BEGINNING 3149 FT FROM DER, 45 FT LEFT OF CENTERLINE, UP TO 1734 FT MSL. TREES BEGINNING 4011 FT FROM DER, 41 FT LEFT OF CENTERLINE, UP TO 1768 FT MSL. TREE, TOWER BEGINNING 5018 FT FROM DER, 21 FT RIGHT OF CENTERLINE, UP TO 89 FT AGL/1868 FT MSL. TREES BEGINNING 5150 FT FROM DER, 7 FT LEFT OF CENTERLINE, UP TO 1856 FT MSL. TREES BEGINNING 1 NM FROM DER, 12 FT RIGHT OF CENTERLINE, UP TO 1895 FT MSL. TREES BEGINNING 1.3 NM FROM DER, 108 FT LEFT OF CENTERLINE, UP TO 1875 FT MSL. TREES BEGINNING 1.3 NM FROM DER, 742 FT RIGHT OF CENTERLINE, UP TO 2159 FT MSL. TOWER, TREE BEGINNING 1.3 NM FROM DER, 674 FT RIGHT OF CENTERLINE, UP TO 140 FT AGL/2210 FT MSL. TREE, TOWER, POLE BEGINNING 1.4 NM FROM DER, 318 FT LEFT OF CENTERLINE, UP TO 1891 FT MSL. TREE 1.8 NM FROM DER, 3112 FT LEFT OF CENTERLINE, 1924 FT MSL.

NOTE: RWY 23, TREE 93 FT FROM DER, 498 FT RIGHT OF CENTERLINE, 1656 FT MSL. TREE 341 FT FROM DER, 538 FT RIGHT OF CENTERLINE, 1667 FT MSL. TREE 517 FT FROM DER, 511 FT RIGHT OF CENTERLINE, 1669 FT MSL. TREES BEGINNING 666 FT FROM DER, 532 FT LEFT OF CENTERLINE, UP TO 1665 FT MSL. TREE 810 FT FROM DER, 448 FT RIGHT OF CENTERLINE, 1672 FT MSL. TREE 848 FT FROM DER, 592 FT RIGHT OF CENTERLINE, 1674 FT MSL. TREE 951 FT FROM DER, 687 FT LEFT OF CENTERLINE, 1679 FT MSL. TREE 1072 FT FROM DER, 683 FT RIGHT OF CENTERLINE, 1676 FT MSL. TREES BEGINNING 1074 FT FROM DER, 188 FT RIGHT OF CENTERLINE, UP TO 1682 FT MSL. TREES BEGINNING 1096 FT FROM DER, 290 FT LEFT OF CENTERLINE, UP TO 1686 FT MSL. TREE 1210 FT FROM DER, 738 FT LEFT OF CENTERLINE, 1703 FT MSL. TREE 1292 FT FROM DER, 407 FT RIGHT OF CENTERLINE, 1685 FT MSL. TREE 1305 FT FROM DER, 617 FT LEFT OF CENTERLINE, 86 FT AGL/1710 FT MSL. TREE 1308 FT FROM DER, 460 FT LEFT OF CENTERLINE, 1711 FT MSL. TREE 1313 FT FROM DER, 569 FT LEFT OF CENTERLINE, 1713 FT MSL. TREES BEGINNING 1343 FT FROM DER, 63 FT LEFT OF CENTERLINE, UP TO 96 FT AGL/1720 FT MSL. TREES BEGINNING 1451 FT FROM DER, 69 FT RIGHT OF CENTERLINE, UP TO 1698 FT MSL. TREES BEGINNING 1515 FT FROM DER, 52 FT LEFT OF CENTERLINE, UP TO 1722 FT MSL. TREES BEGINNING 1660 FT FROM DER, 421 FT RIGHT OF CENTERLINE, UP TO 1704 FT MSL. TREES BEGINNING 1846 FT FROM DER, 21 FT RIGHT OF CENTERLINE, UP TO 1706 FT MSL. TREES BEGINNING 1954 FT FROM DER, 50 FT RIGHT OF CENTERLINE, UP TO 87 FT AGL/1711 FT MSL. TREE 2151 FT FROM DER, 340 FT LEFT OF CENTERLINE, 1742 FT MSL. TREES BEGINNING 2160 FT FROM DER, 116 FT RIGHT OF CENTERLINE, UP TO 1716 FT MSL. TREES BEGINNING 2228 FT FROM DER, 253 FT RIGHT OF CENTERLINE, UP TO 1718 FT MSL. TREES BEGINNING 2255 FT FROM DER, 17 FT LEFT OF CENTERLINE, UP TO 1745 FT MSL. TREES BEGINNING 2274 FT FROM DER, 304 FT RIGHT OF CENTERLINE, UP TO 1719 FT MSL. TREES BEGINNING 2620 FT FROM DER, 138 FT RIGHT OF CENTERLINE, UP TO 1720 FT MSL. TREES BEGINNING 2754 FT FROM DER, 290 FT RIGHT OF CENTERLINE, UP TO 1728 FT MSL.

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NOTE: RWY 27, TREE, VEGETATION BEGINNING 109 FT FROM DER, 249 FT RIGHT OF CENTERLINE, UP TO 1677 FT MSL. TREES BEGINNING 256 FT FROM DER, 14 FT RIGHT OF CENTERLINE, UP TO 1680 FT MSL. TREES BEGINNING 532 FT FROM DER, 35 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/1710 FT MSL. TREE 600 FT FROM DER, 128 FT LEFT OF CENTERLINE, 1669 FT MSL. TREES BEGINNING 749 FT FROM DER, 6 FT RIGHT OF CENTERLINE, UP TO 1729 FT MSL. TREE 766 FT FROM DER, 377 FT LEFT OF CENTERLINE, 1672 FT MSL. TREES BEGINNING 894 FT FROM DER, 203 FT LEFT OF CENTERLINE, UP TO 1674 FT MSL. TREES BEGINNING 1083 FT FROM DER, 392 FT LEFT OF CENTERLINE, UP TO 1685 FT MSL. TREES BEGINNING 1455 FT FROM DER, 117 FT LEFT OF CENTERLINE, UP TO 64 FT AGL/1691 FT MSL. TREES BEGINNING 1752 FT FROM DER, 422 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/1704 FT MSL. TREES BEGINNING 1905 FT FROM DER, 21 FT LEFT OF CENTERLINE, UP TO 1718 FT MSL. TREES BEGINNING 2076 FT FROM DER, 18 FT RIGHT OF CENTERLINE, UP TO 1733 FT MSL. TREES BEGINNING 2257 FT FROM DER, 116 FT LEFT OF CENTERLINE, UP TO 1719 FT MSL. TREES BEGINNING 2543 FT FROM DER, 151 FT LEFT OF CENTERLINE, UP TO 1721 FT MSL. TREES BEGINNING 2554 FT FROM DER, 103 FT RIGHT OF CENTERLINE, UP TO 1746 FT MSL. TREES BEGINNING 3111 FT FROM DER, 454 FT RIGHT OF CENTERLINE, UP TO 1751 FT MSL. TREES BEGINNING 3378 FT FROM DER, 672 FT RIGHT OF CENTERLINE, UP TO 1756 FT MSL. TREE 3889 FT FROM DER, 356 FT LEFT OF CENTERLINE, 1740 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 5: 5072 FT MSL AAO 442157.00N-0735412.00W (CG/CGTA)

RWY 9: 2119 FT MSL TREE 442256.20N/0741005.55W (CG), 5072 FT MSL AAO 442157.00N-0735412.00W (CGTA)

RWY 23: 2289 FT MSL TREE 442354.00N-0741417.35W (CG) 4561 FT MSL AAO 440934.89N-0741158.62W (CGTA)

OBSTACLE MANDATING ROUTE DEVELOPMENT: RWY 5, 23: 5072 FT MSL AAO 442157.00N-0735412.00W, RWY 9: 2210 FT MSL TOWER 442255.51N-0740956.86W, RWY 27: 2874 FT MSL TOWER 442430.95N-0741946.54W.

VCOA: RWY 5, 9, 23: 2289 FT MSL TREE 442354.00N-0741417.35W (CEILING/VISIBILITY) 5072 FT MSL AAO 442157.00N-0735412.00W (CLIMB TO ALTITUDE)

**REMARKS:**

<b>FLIGHT INSPECTED BY:</b>	<i>Digitally signed by</i> <b>ROBERT G HAMILTON</b> May 10, 2018	<b>OFFICE SYMBOL:</b>	<b>DATE:</b>
DURLEY J FELDER		FICO	05/08/2018

<b>DEVELOPED BY:</b>	<i>Digitally signed by</i> <b>HEIDI SNIDER</b> Dec 20, 2017	<b>OFFICE SYMBOL:</b>	<b>DATE:</b>
HEIDI SNIDER		AJV-5423	11/03/2017

<b>APPROVED BY:</b>	<i>Digitally signed by</i> <b>ROBERT G HAMILTON</b> May 10, 2018	<b>OFFICE SYMBOL:</b>	<b>DATE:</b>
JULIE MORGAN		AJV-5420	

**REQUIRED EFFECTIVE DATE:**  
ROUTINE

**COORDINATED WITH:**

<b>A4A</b>	<b>ALPA</b>	<b>AOPA</b>	<b>APA</b>	<b>HAI</b>	<b>NBAA</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**OTHER:**  
EASTERN FPO, ZBW, APRT MGR

**CHANGES - REASONS:**

1. CHANGED TAKEOFF MINIMUMS - NEW CONTROLLING OBSTRUCTIONS REQUIRING CG/CGTA/CTA IAW 8260.46F TABLE 2-1-1
2. UPDATED VCOA INSTRUCTIONS - IAW 8260.46F CH 2.
3. UPDATED TAKEOFF OBSTACLE NOTES - EVALUATED OBSTRUCTIONS
4. UPDATED CONTROLLING OBSTACLES - OBSTACLE EVALUATION
5. UPDATED TEXTUAL DEPARTURE PROCEDURES - IAW 8260.46F CH. 2.

QUALITY  
18  
CHECKED