

**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 ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
KDSV	DANSVILLE	NY	3	15 JUNE 2023

TAKEOFF MINIMUMS:

RWY 14: 700-3 WITH MINIMUM CLIMB OF 501 FT PER NM TO 2900, OR STANDARD WITH MINIMUM CLIMB OF 513 FT PER NM TO 2900, OR 2100-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 32: 700-2 3/4 WITH MINIMUM CLIMB OF 331 FT PER NM TO 2200, OR STANDARD WITH MINIMUM CLIMB OF 419 FT PER NM TO 1800, OR 2100-3 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 14: CLIMB ON HEADING 137.18 TO 2100 BEFORE PROCEEDING ON COURSE.

RWY 32: CLIMB ON HEADING 317.18 TO 2400 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

RWY 14, 32: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS DANSVILLE MUNI AIRPORT AT OR ABOVE 2600 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 14, GENERAL UTILITY 35 FT FROM DER, 318 FT RIGHT OF CENTERLINE, 662 FT MSL.
 TREE, BUILDING BEGINNING 53 FT FROM DER, 309 FT LEFT OF CENTERLINE, UP TO 686 FT MSL.
 VEHICLE ON ROAD 140 FT FROM DER, 492 FT RIGHT OF CENTERLINE, 672 FT MSL.
 TREES, BUILDING, VEHICLES ON ROAD, POLE BEGINNING 152 FT FROM DER, 55 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/702 FT MSL.
 VEHICLE ON ROAD 182 FT FROM DER, 532 FT RIGHT OF CENTERLINE, 675 FT MSL.
 POLE, VEHICLES ON ROAD, BUILDING BEGINNING 312 FT FROM DER ON CENTERLINE, UP TO 689 FT MSL.
 TREES BEGINNING 409 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 725 FT MSL.
 POLE, VEHICLE ON ROAD BEGINNING 509 FT FROM DER, 161 FT RIGHT OF CENTERLINE, UP TO 697 FT MSL.
 TREE 518 FT FROM DER, 70 FT RIGHT OF CENTERLINE, 38 FT AGL/701 FT MSL.
 TREES, BUILDING, VEHICLES ON ROAD BEGINNING 530 FT FROM DER, 31 FT RIGHT OF CENTERLINE, UP TO 38 FT AGL/702 FT MSL.
 TREES, POLES, VEHICLES ON ROAD, BUILDING BEGINNING 594 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 731 FT MSL.
 TREES, POLES, BUILDINGS BEGINNING 817 FT FROM DER, 14 FT LEFT OF CENTERLINE, UP TO 64 FT AGL/729 FT MSL.
 TREE, POLE BEGINNING 1191 FT FROM DER, 103 FT LEFT OF CENTERLINE, UP TO 62 FT AGL/730 FT MSL.
 TREE, BUILDING, POLE BEGINNING 1198 FT FROM DER, 190 FT LEFT OF CENTERLINE, UP TO 64 FT AGL/732 FT MSL.
 TREE 1199 FT FROM DER, 13 FT RIGHT OF CENTERLINE, 66 FT AGL/734 FT MSL.
 TREES BEGINNING 1208 FT FROM DER, 15 FT RIGHT OF CENTERLINE, UP TO 71 FT AGL/740 FT MSL.
 TREES, POLE BEGINNING 1217 FT FROM DER, 24 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/734 FT MSL.
 TREES, POLES, BUILDING BEGINNING 1259 FT FROM DER, 44 FT LEFT OF CENTERLINE, UP TO 69 FT AGL/738 FT MSL.
 TREES, BUILDING, POLES BEGINNING 1614 FT FROM DER, 237 FT LEFT OF CENTERLINE, UP TO 751 FT MSL.
 TREES, BUILDING BEGINNING 1705 FT FROM DER, 284 FT RIGHT OF CENTERLINE, UP TO 743 FT MSL.
 TREES BEGINNING 1764 FT FROM DER, 25 FT RIGHT OF CENTERLINE, UP TO 748 FT MSL.
 TREES BEGINNING 1825 FT FROM DER, 29 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/754 FT MSL.
 TREES BEGINNING 1887 FT FROM DER, 503 FT LEFT OF CENTERLINE, UP TO 757 FT MSL.
 TREES, POLE BEGINNING 1996 FT FROM DER, 222 FT LEFT OF CENTERLINE, UP TO 763 FT MSL.
 TREES BEGINNING 2016 FT FROM DER, 447 FT LEFT OF CENTERLINE, UP TO 768 FT MSL.
 TREES, POLE BEGINNING 2073 FT FROM DER, 27 FT RIGHT OF CENTERLINE, UP TO 762 FT MSL.
 TREES, BUILDINGS, POLE BEGINNING 2183 FT FROM DER, 17 FT LEFT OF CENTERLINE, UP TO 772 FT MSL.
 TREES BEGINNING 2210 FT FROM DER, 37 FT RIGHT OF CENTERLINE, UP TO 768 FT MSL.
 TREES BEGINNING 2581 FT FROM DER, 61 FT RIGHT OF CENTERLINE, UP TO 87 FT AGL/770 FT MSL.
 TREES, POLES, ANTENNA, TOWER BEGINNING 2726 FT FROM DER, 28 FT RIGHT OF CENTERLINE, UP TO 775 FT MSL.
 TREES BEGINNING 3074 FT FROM DER, 76 FT LEFT OF CENTERLINE, UP TO 780 FT MSL.
 TREES, BUILDING BEGINNING 3109 FT FROM DER, 18 FT LEFT OF CENTERLINE, UP TO 86 FT AGL/782 FT MSL.
 TREES BEGINNING 3523 FT FROM DER, 699 FT RIGHT OF CENTERLINE, UP TO 782 FT MSL.
 TREE 3536 FT FROM DER, 785 FT LEFT OF CENTERLINE, 783 FT MSL.
 TREES BEGINNING 3556 FT FROM DER, 316 FT LEFT OF CENTERLINE, UP TO 787 FT MSL.
 TREES, POLE BEGINNING 3821 FT FROM DER, 242 FT RIGHT OF CENTERLINE, UP TO 785 FT MSL.
 TREES, BUILDING BEGINNING 3862 FT FROM DER, 168 FT LEFT OF CENTERLINE, UP TO 792 FT MSL.
 TREES BEGINNING 4119 FT FROM DER, 546 FT RIGHT OF CENTERLINE, UP TO 792 FT MSL.
 TREES BEGINNING 4231 FT FROM DER, 666 FT RIGHT OF CENTERLINE, UP TO 796 FT MSL.
 TREES, BUILDING BEGINNING 4307 FT FROM DER, 164 FT LEFT OF CENTERLINE, UP TO 809 FT MSL.
 TREES, ANTENNA, BUILDING BEGINNING 4358 FT FROM DER, 237 FT RIGHT OF CENTERLINE, UP TO 799 FT MSL.
 TREES BEGINNING 4416 FT FROM DER, 399 FT LEFT OF CENTERLINE, UP TO 812 FT MSL.
 TREES BEGINNING 4658 FT FROM DER, 262 FT RIGHT OF CENTERLINE, UP TO 804 FT MSL.
 BUILDING, TREES BEGINNING 4800 FT FROM DER, 23 FT RIGHT OF CENTERLINE, UP TO 824 FT MSL.
 BUILDINGS, TREES BEGINNING 4825 FT FROM DER, 189 FT LEFT OF CENTERLINE, UP TO 101 FT AGL/818 FT MSL.
 SPIRE, TREES BEGINNING 4917 FT FROM DER, 14 FT LEFT OF CENTERLINE, UP TO 151 FT AGL/871 FT MSL.
 TREES BEGINNING 5807 FT FROM DER, 252 FT RIGHT OF CENTERLINE, UP TO 829 FT MSL.
 TREES BEGINNING 1 NM FROM DER, 605 FT RIGHT OF CENTERLINE, UP TO 839 FT MSL.
 TREES, BUILDING BEGINNING 1.1 NM FROM DER, 640 FT LEFT OF CENTERLINE, UP TO 933 FT MSL.
 TREES BEGINNING 1.1 NM FROM DER, 1109 FT RIGHT OF CENTERLINE, 849 FT MSL.
 TREES, CATENARIES, POLES, TERRAIN BEGINNING 1.2 NM FROM DER, 136 FT LEFT OF CENTERLINE, UP TO 946 FT MSL.
 TREES BEGINNING 1.2 NM FROM DER, 1170 FT RIGHT OF CENTERLINE, UP TO 863 FT MSL.
 TREES, POLE BEGINNING 1.3 NM FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 922 FT MSL.



AIRPORT ID

KDSV

CITY

DANVILLE

STATE

NY

AMDT NO

3

EFFECTIVE DATE

15 JUNE 2023

TREES, TERRAIN BEGINNING 1.3 NM FROM DER, 360 FT LEFT OF CENTERLINE, UP TO 957 FT MSL.
 TREES, TERRAIN, CATENARIES, POLE BEGINNING 1.4 NM FROM DER, 51 FT LEFT OF CENTERLINE, UP TO 1040 FT MSL
 TREES, POLES, TERRAIN BEGINNING 1.5 NM FROM DER, 1018 FT LEFT OF CENTERLINE, UP TO 1248 FT MSL
 TREES, POLE, CATENARY BEGINNING 1.5 NM FROM DER, 108 FT RIGHT OF CENTERLINE, UP TO 943 FT MSL.
 TREES BEGINNING 1.6 NM FROM DER, 31 FT LEFT OF CENTERLINE, UP TO 1291 FT MSL
 TREES, CATENARY BEGINNING 1.6 NM FROM DER, 57 FT RIGHT OF CENTERLINE, UP TO 89 FT AGL/952 FT MSL.
 TREES, ANTENNA 1.7 NM FROM DER, 592 FT RIGHT OF CENTERLINE, 971 FT MSL.
 TREES BEGINNING 1.8 NM FROM DER, 942 FT RIGHT OF CENTERLINE, UP TO 986 FT MSL.
 TREES BEGINNING 1.9 NM FROM DER, 32 FT RIGHT OF CENTERLINE, UP TO 1032 FT MSL.
 TREES BEGINNING 2.1 NM FROM DER, 1227 FT RIGHT OF CENTERLINE, UP TO 1049 FT MSL.
 TREES BEGINNING 2.2 NM FROM DER, 417 FT RIGHT OF CENTERLINE, UP TO 1127 FT MSL.
 TREES BEGINNING 2.3 NM FROM DER, 918 FT RIGHT OF CENTERLINE, UP TO 1158 FT MSL.
 TREES, TERRAIN BEGINNING 2.4 NM FROM DER, 470 FT LEFT OF CENTERLINE, UP TO 1298 FT MSL.
 TREES BEGINNING 2.4 NM FROM DER, 397 FT RIGHT OF CENTERLINE, UP TO 1194 FT MSL.
 TREE 2.5 NM FROM DER, 1489 FT LEFT OF CENTERLINE, 1176 FT MSL.

NOTE: RWY 32, TREES, VEHICLE ON ROAD BEGINNING 77 FT FROM DER, 277 FT LEFT OF CENTERLINE, UP TO 674 FT MSL.
 TREE, POLE BEGINNING 196 FT FROM DER, 263 FT LEFT OF CENTERLINE, UP TO 61 FT AGL/694 FT MSL.
 VEHICLE ON ROAD 302 FT FROM DER, 542 FT RIGHT OF CENTERLINE, 654 FT MSL.
 CRANE, VEHICLE ON ROAD BEGINNING 348 FT FROM DER, 118 FT LEFT OF CENTERLINE, UP TO 695 FT MSL.
 TREES, BUILDING BEGINNING 400 FT FROM DER, 397 FT RIGHT OF CENTERLINE, UP TO 678 FT MSL.
 CRANES, BUILDINGS, TREES BEGINNING 685 FT FROM DER, 188 FT LEFT OF CENTERLINE, UP TO 734 FT MSL.
 TREES, BUILDING BEGINNING 719 FT FROM DER, 189 FT RIGHT OF CENTERLINE, UP TO 53 FT AGL/681 FT MSL.
 TREES BEGINNING 829 FT FROM DER, 253 FT RIGHT OF CENTERLINE, UP TO 698 FT MSL.
 TREES BEGINNING 896 FT FROM DER, 591 FT RIGHT OF CENTERLINE, UP TO 709 FT MSL.
 TREE 3250 FT FROM DER, 170 FT RIGHT OF CENTERLINE, 101 FT AGL/717 FT MSL.
 TREE 4864 FT FROM DER, 1620 FT LEFT OF CENTERLINE, 764 FT MSL.
 TREE 1.1 NM FROM DER, 2435 FT LEFT OF CENTERLINE, 825 FT MSL.
 TREES BEGINNING 1.3 NM FROM DER, 2171 FT LEFT OF CENTERLINE, UP TO 934 FT MSL.
 TREES BEGINNING 1.4 NM FROM DER, 2152 FT LEFT OF CENTERLINE, UP TO 999 FT MSL.
 TREES, TERRAIN BEGINNING 1.5 NM FROM DER, 1631 FT LEFT OF CENTERLINE, UP TO 1123 FT MSL
 TREES BEGINNING 1.6 NM FROM DER, 1520 FT LEFT OF CENTERLINE, UP TO 1141 FT MSL.
 TREES BEGINNING 1.8 NM FROM DER, 1160 FT LEFT OF CENTERLINE, UP TO 1237 FT MSL.
 TREES, POLE BEGINNING 2 NM FROM DER, 588 FT LEFT OF CENTERLINE, UP TO 1239 FT MSL.
 TREES, POLE, TERRAIN BEGINNING 2.1 NM FROM DER, 236 FT LEFT OF CENTERLINE, UP TO 1260 FT MSL.
 TREES, POLE BEGINNING 2.4 NM FROM DER, 219 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1282 FT MSL.

CONTROLLING OBSTACLES:

RWY 14: 1291 FT MSL TREE 423327.38N/0774020.08W (513 FT/NM CG), 2139 FT MSL AAO 423109.25N/0773853.02W (501 FT/NM CG), 2376 FT MSL TOWER 423039.31N/0773805.27W (CGTA), 1298 FT MSL TREE 423301.58N/0773924.90W (CEILING), 1176 FT MSL TREE 423238.75N/0773932.01W (VISIBILITY).

RWY 32: 1799 FT MSL AAO 423614.55N/0774907.98W (331 FT/NM CG/CGTA), 1237 FT MSL TREE 423508.44N/0774535.12W (419 FT/NM CG), 1260 FT MSL TREE 423513.52N/0774556.76W (CEILING), 1083 FT MSL TREE 423547.59N/0774604.06W (VISIBILITY).

VISUAL CLIMB AREA OBSTACLE: **RWY 14, RWY 32:** 2179 FT MSL AAO 423708.57N/0773946.41W.

OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: **RWY 14, 32:** 2364 FT MSL TOWER 423821.44N/0773934.71W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: **RWY 14:** 1680 FT MSL TOWER 423403.00N/0774038.00W. **RWY 32:** 1518 FT MSL TREE 423413.86N/0774549.29W.

REMARKS:

50 FT VEGETATION USED.
 APPROVAL LETTER ATTACHED.
 83 FT PRECIPITOUS TERRAIN ADJUSTMENT WAS IDENTIFIED FOR THE VCOA VISUAL CLIMB AREA.

FLIGHT INSPECTED BY

MICHAEL G CAMPBELL

Digitally signed by

MARK D ADAMS

Feb 10, 2023

OFFICE

FPO

DATE

02/08/2023

DEVELOPED BY

ANA VEGA

Digitally signed by

ANA Y VEGA

Oct 19, 2022

OFFICE

AJV-A412

DATE

04/28/2022

APPROVED BY

JULIE MORGAN

Digitally signed by

MARK D ADAMS

Jan 12, 2023

OFFICE

AJV-A410

DATE

TITLE

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE



COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZOB, ROC APP CON, AMGR

CHANGES - REASONS:

1. TAKEOFF MINIMUMS: UPDATED RWY 14 FROM "STANDARD WITH MINIMUM CLIMB OF 482' PER NM TO 3000, OR 2000-3 FOR CLIMB IN VISUAL CONDITIONS" TO "700-3 WITH MINIMUM CLIMB OF 501 FT PER NM TO 2900, OR STANDARD WITH MINIMUM CLIMB OF 513 FT PER NM TO 2900, OR 2100-3 FOR CLIMB IN VISUAL CONDITIONS." - INCORPORATE NOTAM 1/3189.
2. TAKEOFF MINIMUMS: UPDATED RWY 32 FROM "STANDARD WITH MINIMUM CLIMB OF 399' PER NM TO 2400, OR 700-2 1/2 WITH MINIMUM CLIMB OF 321' PER NM TO 2400, OR 2000-3 FOR CLIMB IN VISUAL CONDITIONS" TO "700-2 3/4 WITH MINIMUM CLIMB OF 331 FT PER NM TO 2200, OR STANDARD WITH MINIMUM CLIMB OF 419 FT PER NM TO 1800, OR 2100-3 FOR CLIMB IN VISUAL CONDITIONS.- NEW OBSTACLE SURVEY AND HIGH TERRAIN IDENTIFY WITHIN ICA.
3. MOVED THE VCOA INSTRUCTIONS FROM "TEXTUAL DEPARTURE PROCEDURE" TO "VISUAL CLIMB OVER AIRPORT" BLOCK - PER CURRENT CRITERIA IAW 8260.46H.
4. TEXTUAL DEPARTURE PROCEDURE: AMENDED RWY 14 FROM "CLIMB HEADING 137.17 TO 3000 OR FOR CLIMB IN VISUAL CONDITIONS CROSS DANSVILLE MUNI AIRPORT AT OR ABOVE 2500 MSL BEFORE PROCEEDING ON COURSE" TO "CLIMB ON HEADING 137.18 TO 2100 BEFORE PROCEEDING ON COURSE" - NEW SURVEY DATA/CURRENT CRITERIA.
5. TEXTUAL DEPARTURE PROCEDURE: AMENDED RWY 32 FROM "CLIMB HEADING 317.18 TO 2400 OR FOR CLIMB IN VISUAL CONDITIONS CROSS DANSVILLE MUNI AIRPORT AT OR ABOVE 2500 MSL BEFORE PROCEEDING ON COURSE" TO "CLIMB ON HEADING 317.18 TO 2400 BEFORE PROCEEDING ON COURSE" - NEW SURVEY DATA/CURRENT CRITERIA.
6. UPDATED TAKEOFF OBSTACLE NOTES AND CONTROLLING OBSTACLES - NEW SURVEY DATA, P-NOTAM 7/7123, NEW CONTROLLING OBSTACLES.
7. ADDED "OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA TO ALTITUDE" - PER CURRENT CRITERIA IAW 8260.46H.
8. ADDED "OBSTACLES MANDATING ODP ROUTE DEVELOPMENT" - PER CURRENT CRITERIA IAW 8260.46H.
9. ADDED REMARKS "APPROVAL LETTER ATTACHED" AND "83 FT PRECIPITOUS TERRAIN ADJUSTMENT IDENTIFIED FOR THE VCOA VISUAL CLIMB AREA" - AFS APPROVAL REQUIRED FOR CLIMB GRADIENTS IN EXCESS OF 500 FT/NM PER 8260.46H, PARA 2-1-1D(2) AND VCOA CLIMB-TO ALTITUDE EFFECTED (INCREASED) BY PRECIPITOUS TERRAIN ADJUSTMENT PER 8260.3E, PARA 13-4-3A(4A).

