

**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.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
PENN YAN, NY	PENN YAN	8 NOVEMBER 2018	5

**TAKEOFF MINIMUMS:**

**RWY 1, 10:** STANDARD

**RWY 19:** STANDARD WITH MINIMUM CLIMB 275 FT PER NM TO 2000, OR 1100-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

**RWY 28:** STANDARD WITH MINIMUM CLIMB 440 FT PER NM TO 1600, OR 1100-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

**TEXTUAL DEPARTURE PROCEDURES:**

**RWY 1:** CLIMB ON HEADING 008.91 TO 1500 BEFORE TURNING LEFT.

**VISUAL CLIMB OVER AIRPORT:**

**RWY 19:** OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS PENN YAN AIRPORT AT OR ABOVE 1900 BEFORE PROCEEDING ON COURSE.

**RWY 28:** OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS PENN YAN AIRPORT AT OR ABOVE 1900 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 1,** AIRCRAFT ON TAXIWAY 35 FT FROM DER, 300 FT LEFT OF CENTERLINE, UP TO 23 FT AGL/942 FT MSL. TREE 1051 FT FROM DER, 760 FT RIGHT OF CENTERLINE, 943 FT MSL.

**NOTE: RWY 10,** TREES 18 FT FROM DER, 245 FT RIGHT OF CENTERLINE, 100 FT AGL/979 FT MSL. FENCE 25 FT FROM DER, ON CENTERLINE, 8 FT AGL/907 FT MSL. BERM 28 FT FROM DER, ON CENTERLINE, 10 FT AGL/929 FT MSL. TREES 43 FT FROM DER, 78 FT LEFT OF CENTERLINE, 100 FT AGL/999 FT MSL. VEHICLES ON ROAD 156 FT FROM DER, 6 FT LEFT OF CENTERLINE, 15 FT AGL/914 FT MSL. VEHICLES ON ROAD 183 FT FROM DER, 33 FT RIGHT OF CENTERLINE, 15 FT AGL/914 FT MSL. BLDGS BEGINNING 248 FT FROM DER, 48 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/949 FT MSL. LIGHT POLES BEGINNING 308 FT FROM DER, 25 FT RIGHT OF CENTERLINE, 16 FT AGL/927 FT MSL. TREE 543 FT FROM DER, 170 FT LEFT OF CENTERLINE, 100 FT AGL/1019 FT MSL. BLDGS BEGINNING 565 FT FROM DER, 94 FT LEFT OF CENTERLINE, 30 FT AGL/949 FT MSL. TREES 573 FT FROM DER, 187 FT LEFT OF CENTERLINE, 100 FT AGL/1019 FT MSL. POWER LINES 1200 FT FROM DER, CROSSING CENTERLINE, 40 FT AGL/959 FT MSL.

**NOTE: RWY 19,** AIRCRAFT ON TAXIWAY 24 FT FROM DER, 261 FT RIGHT OF CENTERLINE, UP TO 23 FT AGL/1022 FT MSL. GRD BEGINNING 124 FT FROM DER, 479 FT RIGHT OF CENTERLINE, UP TO 996 FT MSL. FENCE 348 FT FROM DER, 398 FT RIGHT OF CENTERLINE, 2 FT AGL/1001 FT MSL. GRD 460 FT FROM DER, 590 FT RIGHT OF CENTERLINE, 1008 FT MSL. FENCE 483 FT FROM DER, 398 FT RIGHT OF CENTERLINE, 3 FT AGL/1006 FT MSL. FENCE 606 FT FROM DER, 398 FT RIGHT OF CENTERLINE, 7 FT AGL/1010 FT MSL. GRD BEGINNING 631 FT FROM DER, 459 FT RIGHT OF CENTERLINE, UP TO 1027 FT MSL. TREES BEGINNING 1439 FT FROM DER, 673 FT RIGHT OF CENTERLINE, UP TO 1087 FT MSL. TREES BEGINNING 1886 FT FROM DER, ON CENTERLINE, UP TO 95 FT AGL/1110 FT MSL. TREE 2238 FT FROM DER, 655 FT LEFT OF CENTERLINE, 1045 FT MSL. TREES BEGINNING 2242 FT FROM DER, 540 FT LEFT OF CENTERLINE, UP TO 1107 FT MSL. TREE 2422 FT FROM DER, 116 FT LEFT OF CENTERLINE, UP TO 1111 FT MSL. TOWER 5844 FT FROM DER, 335 FT RIGHT OF CENTERLINE, 122 FT AGL/1136 FT MSL. TREES BEGINNING 1.6 NM FROM DER, 3037 FT LEFT OF CENTERLINE, 100 FT AGL/1242 FT MSL. TREES 1.7 NM FROM DER, 2781 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1265 FT MSL. TREES BEGINNING 1.8 NM FROM DER, 2748 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1291 FT MSL. TREES, TRANSMISSION LINES BEGINNING 1.9 NM FROM DER, 2939 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1350 FT MSL. TREES, TRANSMISSION LINES BEGINNING 2 NM FROM DER, 2907 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1396 FT MSL. TREES, TRANSMISSION LINES BEGINNING 2.1 NM FROM DER, 3098 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1419 FT MSL. TREES, TRANSMISSION LINES, BUILDING BEGINNING 2.2 NM FROM DER, 3065 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1452 FT MSL. TREES BEGINNING 2.5 NM FROM DER, 71 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1465 FT MSL.

**NOTE: RWY 28,** TREES 111 FT FROM DER, 15 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/939 FT MSL. TREES 192 FT FROM DER, 59 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/959 FT MSL. FENCE 16 FT FROM DER, ON CENTERLINE, UP TO 8 FT AGL/867 FT MSL. VEHICLES ON RAMP 20 FT FROM DER, ON CENTERLINE, UP TO 15 FT AGL/874 FT MSL. HANGARS AND BUILDINGS 76 FT FROM DER, 63 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/869 FT MSL.

**CONTROLLING OBSTACLES:**

**RWY 19:** 1679 FT MSL AAO 423415.00N/0770236.00W (CG), 1699 FT MSL AAO 423409.00N/0770231.00W (CGTA)

**RWY 28:** 1419 FT MSL TREE 423833 33N/0770630.30W (CG/CGTA).

**RWY 19, 28:** 1769 FT MSL AAO 423929.00N/0770230.00W, 1539 FT MSL TREE 423736.03N/0770735.94W (VCOA)

**OBSTACLE MANDATING ODP ROUTE DEVELOPMENT:** 1471 FT MSL TOWER 424005.00N/0770526.00N

**REMARKS:**

**RWY 1:** RETAINED TAKE-OFF OBSTACLE NOTES FROM PUBLISHED DEPARTURE "AIRCRAFT ON TAXIWAY 35 FT FROM DER, 300 FT LEFT OF CENTERLINE, UP TO 23 FT AGL/942 FT MSL" - NOT IN OBSTACLE DATABASE BUT CORRELATED LOCATIONS WITH QUADRANGLE MAP AND UNOFFICIAL IMAGERY.

**RWY 19:** RETAINED TAKE-OFF OBSTACLE NOTES FROM PUBLISHED DEPARTURE "AIRCRAFT ON TAXIWAY 24 FT FROM DER, 261 FT RIGHT OF CENTERLINE, UP TO 23 FT AGL/1022 FT MSL" - NOT IN OBSTACLE DATABASE BUT CORRELATED LOCATIONS WITH QUADRANGLE MAP AND UNOFFICIAL IMAGERY.

**RWY 10:** RETAINED TAKE-OFF OBSTACLE NOTES FROM PUBLISHED DEPARTURE "FENCE 28 FT FROM DER, ON CENTERLINE, UP TO 8 FT AGL/907 FT MSL. BERM 25 FT FROM DER, ON CENTERLINE, UP TO 10 FT AGL/909 FT MSL. VEHICLES ON ROAD 33 FT FROM DER, 183 FT ON RIGHT CENTERLINE, UP TO 15 FT AGL/914 FT MSL. VEHICLES ON ROAD 156 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/914 FT MSL" - NOT IN OBSTACLE DATABASE BUT CORRELATED LOCATIONS WITH QUADRANGLE MAP AND UNOFFICIAL IMAGERY. ADDED "LIGHT POLES AT AUTO DEALERSHIP ON CENTERLINE, UP TO 16 FT AGL/935 MSL" - THIS APPEARS TO BE OBSTACLE 1999-AEA-4057-OE HOWEVER, LAT/LONG OF FRIENDLY CHRYSLER DODGE JEEP APPEARS INCORRECT IN OEAAA DATA BASE - ADDED 16 FT AGL LIGHT POLES FROM OEAAA DATA BASE TO

QUALITY  
18  
CHECKED

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**CITY, STATE**  
PENN YAN, NY

**AIRPORT**  
PENN YAN

**EFFECTIVE DATE**    **AMDT NO**  
8 NOVEMBER 2018    5

LOCATION AFTER QUADRANGLE MAP TERRAIN CORRELATION WITH UNOFFICIAL IMAGERY. UPDATED 100 FT TREES LISTED IN TAKEOFF OBSTACLE NOTES UTILIZING QUADRANGLE MAP AND UNOFFICIAL IMAGERY.

RWY 28: RETAINED TAKE-OFF OBSTACLE NOTES FROM PUBLISHED DEPARTURE "FENCE 16 FT FROM DER, ON CENTERLINE, UP TO 8 FT AGL/867 FT MSL. VEHICLES ON RAMP 20 FT FROM DER, ON CENTERLINE, UP TO 15 FT AGL/874 FT MSL. HANGAR 76 FT FROM DER, 63 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/869 FT MSL" - NOT IN OBSTACLE DATABASE BUT CORRELATED LOCATIONS WITH UNOFFICIAL IMAGERY AND QUADRANGLE MAP. UPDATED 100 FT TREES LISTED IN TAKEOFF OBSTACLE NOTES AND ADDED HANGARS AND BUILDINGS UTILIZING QUADRANGLE MAP AND UNOFFICIAL IMAGERY.

**FLIGHT INSPECTED BY:**    *Digitally signed by*  
RUSSELL P ELLIOTT    **ROBERT G HAMILTON**  
Aug 15, 2018

**OFFICE SYMBOL:**    **DATE:**  
FICO    08/09/2018

**DEVELOPED BY:**  
WILLIAM HANBY  
*Digitally signed by*  
**WILLIAM HANBY**  
Jun 28, 2018

**OFFICE SYMBOL:**    **DATE:**  
AJV-5422    06/21/2018

**APPROVED BY:**    *Digitally signed by*  
JULIE MORGAN    **ROBERT G HAMILTON**  
Aug 15, 2018

**OFFICE SYMBOL:**    **DATE:**  
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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**OTHER:**  
ZNY, ZOB, ELM APP CON, ARPT MGR.

**CHANGES - REASONS:**

1. CHANGED RWY 19 TAKEOFF MINIMUMS FROM "STANDARD WITH MINIMUM CLIMB OF 275 FT PER NM TO 1900 OR 1100-2 1/2 FOR CLIMB IN VISUAL CONDITIONS" TO "STANDARD WITH MINIMUM CLIMB 275 FT PER NM TO 2000 OR 1100-2 1/2 FOR CLIMB IN VISUAL CONDITIONS" - 1699 FT AAO 423409.00N/0770231.00W.
2. CHANGED RWY 28 TAKEOFF MINIMUMS FROM "STANDARD WITH MINIMUM CLIMB OF 360 FT PER NM TO 1800 OR 1100-2 1/2 FOR CLIMB IN VISUAL CONDITIONS" TO "STANDARD WITH MINIMUM CLIMB 440 FT PER NM TO 1600 OR 1100-2 1/2 FOR CLIMB IN VISUAL CONDITIONS" - NEW CONTROLLING OBSTACLE 1419 FT TREE FROM UPDATED OBSTACLE DATABASE.
3. CHANGED RWY 1 TEXTUAL DEPARTURE PROCEDURES FROM "CLIMB HEADING 008.88 TO 1500 BEFORE TURNING LEFT" TO "CLIMB ON HEADING 008.91 TO 1500 BEFORE TURNING LEFT" - NEW AIRPORT SURVEY, RWY BEARING CHANGED FROM 356.88T TO 356.91T.
4. MOVED RWY 19 VCOA INSTRUCTIONS FROM TEXTUAL DEPARTURE PROCEDURES TO VISUAL CLIMB OVER AIRPORT AND CHANGED FROM "FOR CLIMB IN VISUAL CONDITIONS CROSS PENN YAN AIRPORT AT OR ABOVE 1900 BEFORE PROCEEDING ON COURSE WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE" TO "OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS PENN YAN AIRPORT AT OR ABOVE 1900 BEFORE PROCEEDING ON COURSE" - FORMATTED IAW FAO 8260.46F.
5. MOVED RWY 28 VCOA INSTRUCTIONS FROM TEXTUAL DEPARTURE PROCEDURES TO VISUAL CLIMB OVER AIRPORT AND CHANGED FROM "FOR CLIMB IN VISUAL CONDITIONS CROSS PENN YAN AIRPORT AT OR ABOVE 1900 BEFORE PROCEEDING ON COURSE WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE" TO "OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS PENN YAN AIRPORT AT OR ABOVE 1900 BEFORE PROCEEDING ON COURSE" - FORMATTED IAW FAO 8260.46F.
6. UPDATED TAKEOFF OBSTACLE NOTES RWY 1 - REMOVED 100 FT UNSURVEYED TREES DUE TO OIS SURVEY.
7. UPDATED OBSTACLE MANDATING ODP ROUTE DEVELOPMENT 1471 FT MSL TOWER LOCATION FROM 424005.00N/0770526.00N TO 424004.76N/0770526.18N - UPDATED OBSTACLE DATA BASE.
8. UPDATED OBSTACLE TAKE-OFF NOTES TO INCLUDE NEW HANGARS, NEW BLDGS, AND A CAR DEALERSHIP OBSERVED WITH UNOFFICIAL IMAGERY IN ICAS FOR RWY 10/28.