

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
WILLIMANTIC, CT	WINDHAM	29 MAY 2014	6

TAKEOFF MINIMUMS:

- RWY 9, STANDARD WITH MINIMUM CLIMB OF 411 FT PER NM TO 900; OR 1100-2 ½ FOR CLIMB IN VISUAL CONDITIONS.
- RWY 18, 300-2 OR STANDARD WITH MINIMUM CLIMB OF 434 FT PER NM TO 700.
- RWY 27, 300-2 OR STANDARD WITH MINIMUM CLIMB OF 270 FT PER NM TO 800.
- RWY 36, STANDARD WITH A MINIMUM CLIMB OF 405 FT PER NM TO 700, OR 1100-2 ½ FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

- RWY 9, CLIMB HEADING 089.44 TO 900 BEFORE PROCEEDING ON COURSE, OR FOR CLIMB IN VISUAL CONDITIONS CROSS WINDHAM AIRPORT AT OR ABOVE 1200 BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.
- RWY 18, CLIMB HEADING 170 TO 1000 BEFORE TURNING RIGHT.
- RWY 27, CLIMB HEADING 269.44 TO 800 BEFORE PROCEEDING ON COURSE.
- RWY 36, CLIMB HEADING 358.39 TO 700 BEFORE PROCEEDING ON COURSE, OR FOR CLIMB IN VISUAL CONDITIONS CROSS WINDHAM AIRPORT AT OR ABOVE 1200 BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.

TAKEOFF OBSTACLE NOTES:

- NOTE: RWY 9,** VEHICLE ON ROAD BEGINNING 22 FT FROM DER, 461 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/292 FT MSL. TREES BEGINNING 29 FT FROM DER, 92 FT RIGHT OF CENTERLINE, UP TO 52 FT AGL/301 FT MSL. VEHICLE ON ROAD BEGINNING 66 FT FROM DER, 188 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/292 FT MSL. FENCE 75 FT FROM DER, 196 FT RIGHT OF CENTERLINE, 6 FT AGL/277 FT MSL. POLES BEGINNING 284 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 51 FT AGL/322 FT MSL. TREES BEGINNING 466 FROM DER, 229 FT RIGHT OF CENTERLINE, UP TO 88 FT AGL/349 FT MSL. VEHICLE ON ROAD BEGINNING 1110 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/299 FT MSL. TREES BEGINNING 1147 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 80 FT AGL/376 FT MSL. CATENARY BEGINNING 1305 FT FROM DER, 126 FT RIGHT OF CENTERLINE, UP TO 41 FT AGL/310 FT MSL. TREES BEGINNING 4005 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 80 FT AGL/587 FT MSL. TREES BEGINNING 1.1 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 80 FT AGL/668 FT MSL.
- NOTE: RWY 18,** VEHICLE IN PARKING LOT 17 FT FROM DER, 264 FT LEFT OF CENTERLINE, 15 FT AGL/264 FT MSL. TREES BEGINNING 47 FT FROM DER, 66 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/315 FT MSL. TREES BEGINNING 123 FT FROM DER, 45 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/326 FT MSL. POLE 413 FT FROM DER, 147 FT LEFT OF CENTERLINE, 30 FT AGL/279 FT MSL. TREES BEGINNING 2097 FT FROM DER, 19 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/412 FT MSL. TREES BEGINNING 2901 FT FROM MSL, 81 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/418 FT MSL. TREES BEGINNING 1.6 NM FROM DER, 2908 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/516 FT MSL.
- NOTE: RWY 27,** TREES BEGINNING 122 FT FROM DER, 117 FT LEFT OF CENTERLINE, UP TO 63 FT AGL/272 FT MSL. TREES BEGINNING 134 FT FROM DER, 126 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/264 FT MSL. TREES BEGINNING 193 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 82 FT AGL/317 FT MSL. TREES BEGINNING 2981 FT FROM DER, 442 FT RIGHT OF CENTERLINE, UP TO 83 FT AGL/539 FT MSL.
- NOTE: RWY 36,** TREE 31 FT FROM DER, 502 FT LEFT OF CENTERLINE, 93 FT AGL/312 FT MSL. TREES BEGINNING 130 FT FROM DER, 157 FT RIGHT OF CENTERLINE, UP TO 99 FT AGL/329 FT MSL. TREES BEGINNING 195 FT FROM DER, 22 FT LEFT OF CENTERLINE, UP TO 103 FT AGL/316 FT MSL. TREES BEGINNING 4742 FT FROM DER, 1397 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/546 FT MSL.

CONTROLLING OBSTACLES:

- RWY 9: 594 FT MSL TREE 414443.80N/0720839.39W, 949 FT MSL AAO 414629.44N/0720626.02W.
- RWY 18: 418 FT MSL TREE 414350.27N/0721044.85W, 516 FT MSL TREE 414253.83N/0720943.51W.
- RWY 27: 518 FT MSL TREE 414440.14N/0721257.94W, 524 FT MSL TREE 414439.40N/0721319.44W, 539 FT MSL TREE 414438.82N/0721311.45W.
- RWY 36: 546 FT MSL TREE 414537.32N/0721156.37W, 879 FT MSL AAO 414732.58N/0721332.14W.
- RWY 9, 36: (VCOA): 949 FT MSL AAO 414629.44N/0721311.45W.

OBSTACLES MANDATING ROUTE DEVELOPMENT:

- RWY 9: 610 FT MSL TREE 414438.77N/0720842.20W.
- RWY 18: 859 FT MSL AAO 414043.09N/0721103.13W, 955 FT MSL TOWER 414100.00N/0721255.00W.
- RWY 27: 818 FT MSL TOWER 414210.50N/0721516.92W.



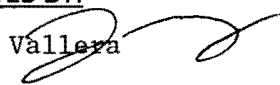
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REMARKS:

FLIGHT INSPECTED BY:

Anthony D. Valleria 

3/27/14

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

PETE GETZ
(NICK PETTIET) 

AJV-352

12/3/2013

APPROVED BY:

SUE CRUMB 

AJV-352

APR 08 2014

COORDINATED WITH:

AOPA, NBAA, AMGR, EST FPO, ZBW.

CHANGES:

1. RWY 9 CLIMB GRADIENT AND CLIMB TO ALTITUDE CHANGED FROM "340 FT PER NM TO 1100" TO "411 PER NM TO 900".
2. RWY 18 CLIMB GRADIENT CHANGED FROM "408 FT PER NM" TO "434 FT PER NM".
3. RWY 27 TAKEOFF MINIMUMS CHANGED FROM "400-2 OR STANDARD" TO "300-2 OR STANDARD".
4. RWY 27 CLIMB GRADIENT AND CLIMB TO ALTITUDE CHANGED FROM "290 FT PER NM TO 700" TO "270 FT PER NM TO 800".
5. RWY 36 CLIMB GRADIENT AND CLIMB TO ALTITUDE CHANGED FROM "401 FT PER NM TO 1100" TO "405 FT PER NM TO 700".
6. UPDATED RWY 9 INITIAL DEPARTURE FROM "CLIMB HEADING 089.41 TO 700 BEFORE PROCEEDING ON COURSE" TO "CLIMB HEADING 089.44 TO 900 BEFORE PROCEEDING ON COURSE".
7. UPDATED RWY 18 INITIAL DEPARTURE FROM "CLIMB HEADING 170 TO 1200 BEFORE TURNING RIGHT" TO "CLIMB HEADING 170 TO 1000 BEFORE TURNING RIGHT".
8. ADDED RWY 36 DEPARTURE INSTRUCTIONS "CLIMB HEADING 358.39 TO 700 BEFORE PROCEEDING ON COURSE".
9. ADDED "WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE" TO RWY 9 AND RWY 36 TEXTUAL DEPARTURE PROCEDURE.
10. UPDATED ALL TAKEOFF OBSTACLE NOTES.
11. UPDATED ALL CONTROLLING OBSTACLES.
12. ADDED OBSTACLES MANDATING ROUTE DEVELOPMENT.

REASONS:

- 1-8. BASED ON LATEST OBSTACLE AND AIRPORT DATA AND CURRENT MAP STUDY.
9. IAW 8260.46D CH 2-1B (11).
- 10-11. BASED ON LATEST OBSATCLE DATA.
12. IAW 8260.46D APPENDIX D, SECTION 1, 9C.

