

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

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.
MANCHESTER, NH	MANCHESTER		10

TAKEOFF MINIMUMS:

RWY 6, 24, STANDARD.

RWY 17, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 277 FT PER NM TO 600.

RWY 35, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 253 FT PER NM TO 500.

TEXTUAL DEPARTURE PROCEDURES:

RWY 6 – CLIMB HEADING 058.42 TO 1000 BEFORE TURNING RIGHT.

RWY 24 – CLIMB HEADING 245.00 TO 900 BEFORE PROCEEDING ON COURSE.

RWY 35 – CLIMB HEADING 352.53 TO 1300 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 6, POLE AND TREES BEGINNING 67 FT FROM DER, 162 FT LEFT OF CENTERLINE, UP TO 107 FT AGL/313 FT MSL. FENCE AND TREES BEGINNING 6 FT FROM DER, 90 FT RIGHT OF CENTERLINE, UP TO 72 FT AGL/272 FT MSL.

NOTE: RWY 17, BUILDINGS AND TREES BEGINNING 1792 FT FROM DER, 54 FT LEFT OF CENTERLINE, UP TO 107 FT AGL/418 FT MSL. TRANSMISSION LINE TOWER, POLES, BUILDINGS, AND TREES BEGINNING 761 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 90 FT AGL/418 FT MSL. POLE 5563 FT FROM DER, 92 FT LEFT OF CENTERLINE, 57 FT AGL/457 FT MSL.

NOTE: RWY 24, POLE AND TREES BEGINNING 221 FT FROM DER, 243 FT LEFT OF CENTERLINE, UP TO 119 FT AGL/293 FT MSL. TREES BEGINNING 2556 FT FROM DER, 1041 FT RIGHT OF CENTERLINE, UP TO 101 FT AGL/313 FT MSL.

NOTE: RWY 35, POLE AND TREES BEGINNING 891 FT FROM DER, 527 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/320 FT MSL. POLES AND TREES BEGINNING 719 FT FROM DER, 558 FT RIGHT OF CENTERLINE, UP TO 44 FT AGL/281 FT MSL. TREES 5933 FT FROM DER, 1950 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/409 FT MSL. TREES 1.0 NM FROM DER, 1581 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/414 FT MSL. TREES 1.2 NM FROM DER, 1946 FT LEFT OF CENTERLINE, UP TO 85 FT AGL/407 FT MSL.

CONTROLLING OBSTACLES:

RWY 17: 457 FT MSL POLE 425416.52N/0712501.99W.

RWY 35: 409 FT MSL TREES 425716.44N/0712718.29W. 414 FT MSL TREES 425720.64N/0712715.36W. 407 FT MSL TREES 425729.22N/0712725.78W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 6 – 789 FT MSL AAO 425822.72N/0712137.11W.

RWY 24 – 1523 FT MSL TOWER 425854.70N/0713519.50W.

RWY 35 – 1523 FT MSL TOWER 425854.70N/0713519.50W.

REMARKS:

RWY 24 DEPARTURE COURSE OFFSET 7 DEGREES FROM DEPARTURE CENTERLINE PER 2007 FLIGHT INSPECTION RECOMMENDATION DUE TO THE PROXIMITY OF A 547 MSL TOWER (33-000006) TO THE EDGE OF THE OBSTACLE IDENTIFICATION SURFACE (80 FEET). INCREASES SAFETY MARGIN FOR LIGHT AIRCRAFT DEPARTING IN CROSSWIND CONDITIONS.



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MANCHESTER, NH	MANCHESTER		10

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

PETER R. GUIMOND AJV-352 12/30/2011

APPROVED BY:

DARRYEL ADAMS AJV-352

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, ZBW, BOS APP CON, MHT ATCT, ARPT MGR

CHANGES:

1. AMENDED TAKEOFF OBSTACLE NOTES FOR ALL RWYS.
2. REFORMATTED CONTROLLING OBSTACLES FOR RWY 6, 24, AND 35.

REASONS:

1. NEW OBSTACLE STUDY. FORMATTED IAW FAAO 8260.46 AND CURRENT DOCUMENTATION POLICY.
2. CREATED "OBSTACLES MANDATING ODP ROUTE DEVELOPMENT" SECTION IAW FAAO 8260.46.

