

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.
NEW HAVEN, CT	TWEED-NEW HAVEN	12 JAN 2012	6

TAKEOFF MINIMUMS:

RWY 14, 20, STANDARD.

RWY 2, 300-1 WITH MINIMUM CLIMB OF 340 FT PER NM TO 400.

RWY 32, 400-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 465 FT PER NM TO 600.

TEXTUAL DEPARTURE PROCEDURES:

RWY 2 – CLIMB HEADING 015.91 TO 1900 BEFORE TURNING LEFT.

RWY 32 – CLIMB HEADING 324.19 TO 1500 BEFORE TURNING RIGHT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 2, TRANSMISSION LINE TOWERS BEGINNING 846 FT FROM DER, 356 FT LEFT OF CENTERLINE, UP TO 35 FT AGL/65 FT MSL. BUILDING 124 FT FROM DER, 525 FT RIGHT OF CENTERLINE, 53 FT AGL/64 FT MSL. TREES 1276 FT FROM DER, 817 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/239 FT MSL. TREES 3755 FT FROM DER, 1494 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/289 FT MSL.

NOTE: RWY 14, TERRAIN, BUILDINGS, AND POLES BEGINNING 777 FT FROM DER, 5 FT LEFT OF CENTERLINE, UP TO 31 FT AGL/69 FT MSL. TERRAIN, VEHICLES ON ROAD, TOWER, BUILDINGS, AND POLES BEGINNING 429 FT FROM DER, 143 FT RIGHT OF CENTERLINE, UP TO 58 FT AGL/94 FT MSL.

NOTE: RWY 20, POLE 68 FT FROM DER, 498 FT RIGHT OF CENTERLINE, 16 FT AGL/42 FT MSL.

NOTE: RWY 32, POLE AND TREES BEGINNING 1121 FT FROM DER, 55 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/149 FT MSL. CONTROL TOWER, POLES, AND TREES BEGINNING 617 FT FROM DER, 139 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/149 FT MSL. TREES 2777 FT FROM DER, 1143 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/169 FT MSL. STACK 1.1 NM FROM DER, 2227 FT RIGHT OF CENTERLINE, 394 FT AGL/404 FT MSL.

CONTROLLING OBSTACLES:

RWY 2: 239 FT MSL TREES 411630.05N/0725323.80W. 289 FT MSL TREES 411654.85N/0725331.00W. 229 FT MSL TREES 411707.90N/0725328.70W. 235 FT MSL TRANSMISSION LINE TOWER 411734.11N/0725328.69W.

RWY 32: 169 FT MSL TREES 411628.00N/0755342.70W. 404 FT MSL TREES 411702.12N/0725412.82W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 2 - 1549 FT MSL TOWER 412522.20N/0725704.90W.

RWY 32 - 1549 FT MSL TOWER 412522.20N/0725704.90W.

REMARKS:

