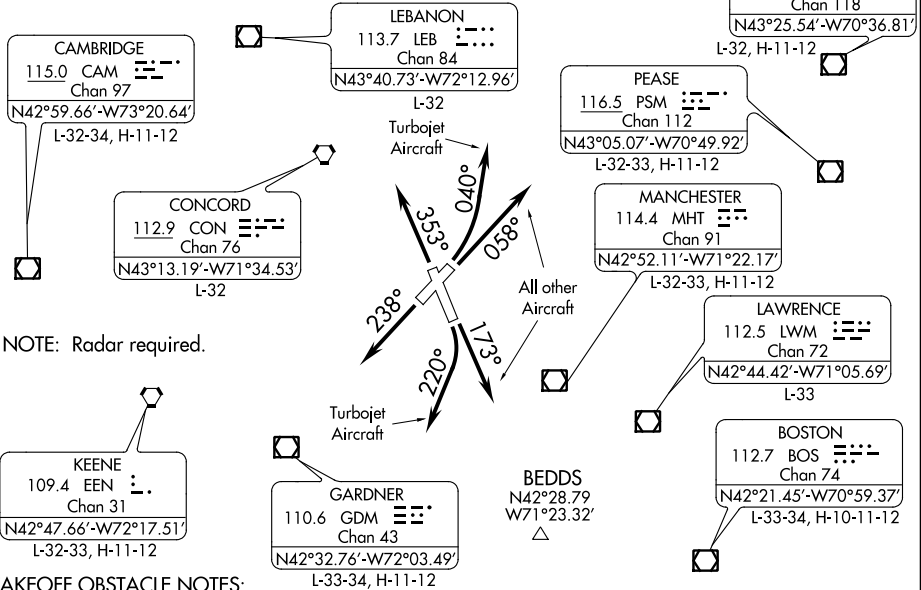


# MANCHESTER SIX DEPARTURE

ATIS 119.55  
CLINC DEL 135.9  
GND CON 121.9  
MANCHESTER TOWER 121.3 239.025  
BOSTON DEP CON 124.9 269.075

### TAKEOFF MINIMUMS:

Rwy 6: Standard with minimum climb of 206' per NM to 1000, or alternatively, with Standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1900' prior to DER.  
Rwy 17: 300-1¼ or Standard with minimum climb of 277' per NM to 600.  
Rwy 24: Standard with minimum climb of 321' per NM to 1200.  
Rwy 35: Standard with minimum climb of 253' per NM to 2000.



NE-1, 08 JAN 2015 to 05 FEB 2015

NE-1, 08 JAN 2015 to 05 FEB 2015

### TAKEOFF OBSTACLE NOTES:

- Rwy 6: Pole and trees beginning 67' from DER, 162' left of centerline, up to 107' AGL/313' MSL. Fence and trees beginning 6' from DER, 90' right of centerline, up to 72' AGL/272' MSL.
- Rwy 17: Buildings and trees beginning 1792' from DER, 54' left of centerline, up to 107' AGL/418' MSL. Transmission line tower, poles, buildings and trees beginning 761' from DER, 4' right of centerline, up to 90' AGL/418' MSL. Pole 5563' from DER, 92' left of centerline, 57' AGL/457' MSL.
- Rwy 24: Pole and trees beginning 221' from DER, 243' left of centerline, up to 119' AGL/293' MSL. Trees beginning 2556' from DER, 1041' right of centerline, up to 101' AGL/313' MSL.
- Rwy 35: Pole and trees beginning 891' from DER, 527' left of centerline, up to 76' AGL/320' MSL. Poles and trees beginning 719' from DER, 558' right of centerline, up to 44' AGL/281' MSL. Trees 5933' from DER, 1950' left of centerline, up to 76' AGL/409' MSL. Trees 1.0 NM from DER, 1581' left of centerline, up to 60' AGL/414' MSL. Trees 1.2 NM from DER, 1946' left of centerline, up to 85' AGL/407' MSL.

NOTE: Chart not to scale.

### DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RWY 6:** TURBOJET AIRCRAFT - Climbing left turn heading 040°, thence . . . . ALL OTHER AIRCRAFT - Climb heading 058° or as assigned by ATC, thence . . . .
  - TAKEOFF RWY 17:** TURBOJET AIRCRAFT - Climbing right turn heading 220°, thence . . . . ALL OTHER AIRCRAFT - Climb heading 173° or as assigned by ATC, thence . . . .
  - TAKEOFF RWY 24:** Climb heading 238° or as assigned by ATC, thence . . . .
  - TAKEOFF RWY 35:** Climb heading 353° or as assigned by ATC, thence . . . .
- . . . . Expect vectors to assigned Route/Navaid/Fix. Maintain 3000 or as assigned by ATC  
Expect clearance to filed altitude/flight level within five (5) minutes after departure.

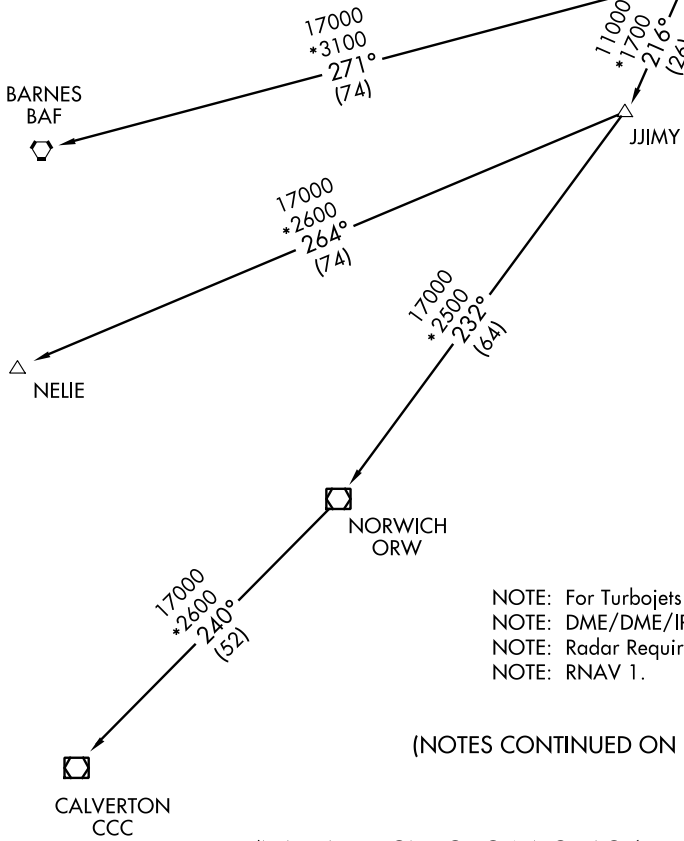
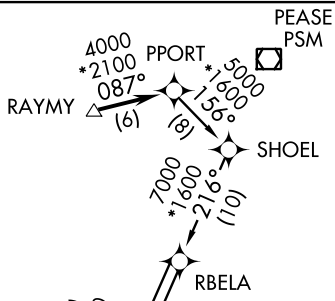
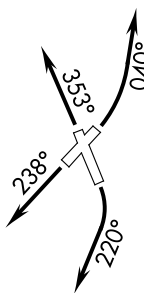
# PPOINT ONE DEPARTURE (RNAV)

MANCHESTER (MHT)  
MANCHESTER, NEW HAMPSHIRE

ATIS 119.55  
 CLNC DEL  
 135.9  
 GND CON  
 121.9  
 MANCHESTER TOWER  
 121.3 239.025  
 BOSTON DEP CON  
 124.9 269.075

### TAKEOFF MINIMUMS:

Rwy 6: Standard with minimum  
 climb of 321' per NM to 3000.  
 Rws 17, 24, 35 : Standard with  
 minimum climb of 320' per NM to 3000.



- NOTE: For Turbojets Only.
- NOTE: DME/DME/IRU or GPS Required.
- NOTE: Radar Required.
- NOTE: RNAV 1.

(NOTES CONTINUED ON FOLLOWING PAGE)

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

# PPOINT ONE DEPARTURE (RNAV)

MANCHESTER, NEW HAMPSHIRE  
MANCHESTER (MHT)

# PPORT ONE DEPARTURE (RNAV)



## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 6: Climbing left turn heading 040°, Thence. . . .

TAKEOFF RWY 17: Climbing right turn heading 220°, Thence. . . .

TAKEOFF RWY 24: Climb heading 238°, Thence. . . .

TAKEOFF RWY 35: Climb heading 353°, Thence. . . .

. . . .Expect vectors to RAYMY, then on depicted route to PPORT.  
Maintain 3000 or as assigned by ATC. Expect clearance to filed altitude/flight level within five (5) minutes after departure.

BARNES TRANSITION (PPORT1.BAF):

CALVERTON TRANSITION (PPORT1.CCC):

NELIE TRANSITION (PPORT1.NELIE):

### TAKEOFF OBSTACLE NOTES:

Rwy 6: Pole and trees beginning 67' from DER, 162' left of centerline, up to 107' AGL/313' MSL.

Fence and trees beginning 6' from DER, 90' right of centerline, up to 72' AGL/272' MSL.

Rwy 17: Buildings and trees beginning 1792' from DER, 54' left of centerline, up to 107' AGL/418' MSL.

Transmission line tower, poles, buildings, and trees beginning 761' from DER, 4' right of centerline, up to 90' AGL/418' MSL.

Pole 5563' from DER, 92' left of centerline, 57' AGL/457' MSL.

Rwy 24: Pole and trees beginning 221' from DER, 243' left of centerline, up to 119' AGL/293' MSL.

Trees beginning 2556' from DER, 1041' right of centerline, up to 101' AGL/313' MSL.

Rwy 35: Pole and trees beginning 891' from DER, 527' left of centerline, up to 76' AGL/320' MSL.

Poles and trees beginning 719' from DER, 558' right of centerline, up to 44' AGL/281' MSL.

Trees 5933' from DER, 1950' left of centerline, up to 76' AGL/409' MSL.

Trees 1.0 NM from DER, 1581' left of centerline, up to 60' AGL/414' MSL.

Trees 1.2 NM from DER, 1946' left of centerline, up to 85' AGL/407' MSL.

NE-1, 08 JAN 2015 to 05 FEB 2015

NE-1, 08 JAN 2015 to 05 FEB 2015