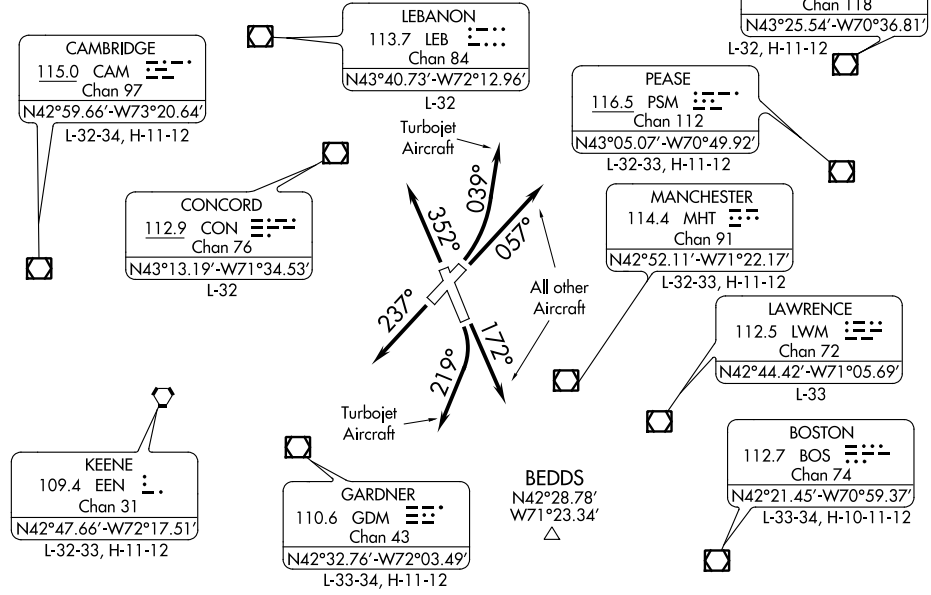


MANCHESTER NINE DEPARTURE

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

NOTE: RADAR required.

TOP ALTITUDE:
3000



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.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RUNWAY 6:** TURBOJET AIRCRAFT - Climbing left turn heading 039°, thence ALL OTHER AIRCRAFT - Climb heading 057° or as assigned by ATC, thence
 - TAKEOFF RUNWAY 17:** TURBOJET AIRCRAFT - Climbing right turn heading 219°, thence ALL OTHER AIRCRAFT - Climb heading 172° or as assigned by ATC, thence
 - TAKEOFF RUNWAY 24:** Climb heading 237° or as assigned by ATC, thence
 - TAKEOFF RUNWAY 35:** Climb heading 352° 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.

MANCHESTER NINE DEPARTURE

NE-1, 07 DEC 2017 to 04 JAN 2018

NE-1, 07 DEC 2017 to 04 JAN 2018

PPORT THREE DEPARTURE (RNAV)

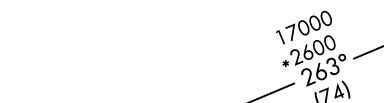
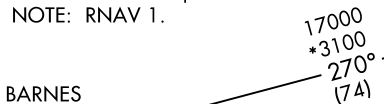
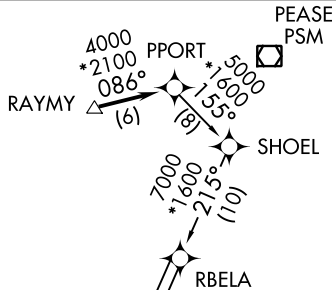
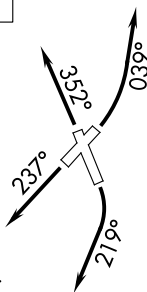
ATIS 119.55
CLNC DEL
135.9
GND CON
121.9
MANCHESTER TOWER
121.3 239.025
BOSTON DEP CON
124.9 269.075

**TOP ALTITUDE:
3000**

TAKEOFF MINIMUMS:

Rwy 6: Standard with minimum climb of 321' per NM to 3000.
Rwys 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.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 6: Climbing left turn heading 039°, thence. . . .

TAKEOFF RWY 17: Climbing right turn heading 219°, thence. . . .

TAKEOFF RWY 24: Climb heading 237°, thence. . . .

TAKEOFF RWY 35: Climb heading 352°, 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 (PPORT3.BAF):

CALVERTON TRANSITION (PPORT3.CCC):

NELIE TRANSITION (PPORT3.NELIE):

NOTE: Chart not to scale.

NE-1, 07 DEC 2017 to 04 JAN 2018

NE-1, 07 DEC 2017 to 04 JAN 2018