

MANCHESTER NINE DEPARTURE

**TOP ALTITUDE:
3000**

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.

CAMBRIDGE
115.0 CAM
Chan 97
N42°59.66'-W73°20.64'
L-32-34, H-11-12

LEBANON
113.7 LEB
Chan 84
N43°40.73'-W72°12.96'
L-32
Turbojet Aircraft

KENNEBUNK
117.1 ENE
Chan 118
N43°25.54'-W70°36.81'
L-32, H-11-12

CONCORD
112.9 CON
Chan 76
N43°13.19'-W71°34.53'
L-32

PEASE
116.5 PSM
Chan 112
N43°05.07'-W70°49.92'
L-32-33, H-11-12

MANCHESTER
114.4 MHT
Chan 91
N42°52.11'-W71°22.17'
L-32-33, H-11-12

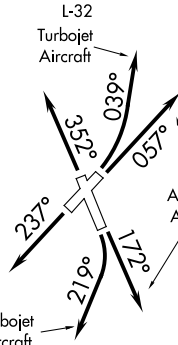
LAWRENCE
112.5 LWM
Chan 72
N42°44.42'-W71°05.69'
L-33

KEENE
109.4 EEN
Chan 31
N42°47.66'-W72°17.51'
L-32-33, H-11-12

GARDNER
110.6 GDM
Chan 43
N42°32.76'-W72°03.49'
L-33-34, H-11-12

BEDDS
N42°28.78'
W71°23.34'
△

BOSTON
112.7 BOS
Chan 74
N42°21.45'-W70°59.37'
L-33-34, H-10-11-12



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°, then ALL OTHER AIRCRAFT - Climb heading 057° or as assigned by ATC, then
 - TAKEOFF RUNWAY 17:** TURBOJET AIRCRAFT - Climbing right turn heading 219°, then ALL OTHER AIRCRAFT - Climb heading 172° or as assigned by ATC, then
 - TAKEOFF RUNWAY 24:** Climb heading 237° or as assigned by ATC, then
 - TAKEOFF RUNWAY 35:** Climb heading 352° or as assigned by ATC, then
- 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, 11 OCT 2018 to 08 NOV 2018

NE-1, 11 OCT 2018 to 08 NOV 2018

PPOINT THREE DEPARTURE (RNAV)

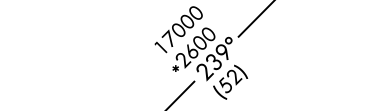
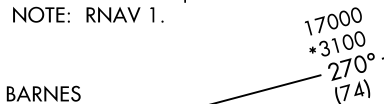
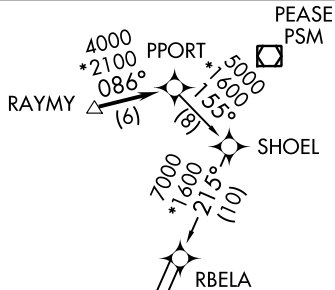
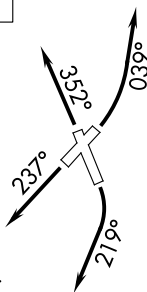
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GND CON
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MANCHESTER TOWER
121.3 239.025
BOSTON DEP CON
124.9 269.075

**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 PPOINT. Maintain 3000 or as assigned by ATC. Expect clearance to filed altitude/flight level within five (5) minutes after departure.

BARNES TRANSITION (PPOINT3.BAF):
CALVERTON TRANSITION (PPOINT3.CCC):
NELIE TRANSITION (PPOINT3.NELIE):

NOTE: Chart not to scale.

NE-1, 11 OCT 2018 to 08 NOV 2018

NE-1, 11 OCT 2018 to 08 NOV 2018

PPOINT THREE DEPARTURE (RNAV)

(PPOINT3.PPOINT) 17AUG17