



## DEPARTURE ROUTE DESCRIPTION

JET AIRCRAFT:

TAKEOFF RUNWAYS 4L/R: Climb on heading 035° to BOS 4 DME, then right turn heading 090°, thence....

TAKEOFF RUNWAY 9: Climb on heading 092°, thence....

TAKEOFF RUNWAY 14: Climb on heading 141° to BOS 1 DME, then left turn heading 120°, thence....

TAKEOFF RUNWAY 15R: Climb on heading 150° to BOS 1 DME, then left turn heading 120°, thence....

TAKEOFF RUNWAYS 22L/R: Climbing left turn heading 140°, thence....

TAKEOFF RUNWAY 27: Climb on heading 272° to BOS 2.2 DME, then left turn heading 235°, thence....

TAKEOFF RUNWAY 33L: Climb on heading 330° to BOS 2 DME, then left turn heading 316°, thence....

NON JET AIRCRAFT: Climb on assigned heading, thence....

....expect RADAR vectors to assigned route/navaid/fix. Jet aircraft maintain 5000 or lower assigned altitude. Non jet aircraft maintain 3000 or lower assigned altitude. Expect clearance to filed altitude/flight level within ten (10) minutes after departure.

TAKEOFF MINIMUMS:

Rwy 15L: NA-ATC.

Rwy 32, 33R: NA-environmental.

Rwy 4R, 15R: Standard.

Rwy 4L: 300-1 or standard with minimum climb of 369' per NM to 300.

Rwy 9: 300-1¼ or standard with minimum climb of 266' per NM to 300.

Rwy 14: Standard with minimum climb of 233' per NM to 1100.

Rwy 22L: 300-1 or standard if tower reports no tall vessels in the departure area.

Rwy 22R: 300-1¾ or standard with minimum climb of 320' per NM to 300.

Rwy 27: Standard with minimum climb of 487' per NM to 1000.

Rwy 33L: 300-1¾ or standard with minimum climb of 232' per NM to 400, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 2100' prior to DER.

NOTE: Non RNAV equipped aircraft can expect vectors on assigned route.

NOTE: Jet aircraft departure headings/vectors are predicated on avoiding noise sensitive areas.

Flight crew awareness and compliance is important in minimizing noise impacts on surrounding communities. Aircraft that are initially vectored over water can expect to cross the coastline above 6000 MSL before proceeding on course.

NOTE: BLZZR DEPARTURES expect vectors on BOS R-273, DME required.

NOTE: BRUWN DEPARTURES expect vectors on BOS R-159, DME required.

NOTE: CELTK DEPARTURES expect vectors on BOS R-114.

NOTE: HYLND DEPARTURES expect vectors on BOS R-350, DME required.

NOTE: PATSS DEPARTURES expect vectors on BOS R-260, DME required.

NOTE: REVSS DEPARTURES expect vectors on BOS R-285, DME required.

NOTE: SSOXS DEPARTURES expect vectors on BOS R-177, DME required.