



## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4 (Bronx Climb): Climb on heading 044° to 500 then climbing left turn to heading 360°, maintain 5000, Thence....

TAKEOFF RUNWAY 4 (Pelham Climb): Climb on heading 044° to 500 then climbing left turn to heading 040°, maintain 5000, Thence....

TAKEOFF RUNWAY 4 (Sound Climb): Climb on heading 044° to 500 then climbing right turn to heading 055°, maintain 5000, Thence....

TAKEOFF RUNWAY 13 (Coney Climb): TURBOJETS ONLY - Requires minimum ATC climb of 900' per NM to 1500, if unable, advise ATC prior to taxiing onto the departure runway: Climbing right turn to heading 180° to intercept CRI R-043 (do not exceed 230K until intercepting CRI R-043) to CRI VOR/DME, then on CRI R-223. Cross LGA 2.5 DME at or above 1500, maintain 5000, Thence....

TAKEOFF RUNWAY 13 (Flushing Climb): Climb heading 134° to LGA 2.5 DME, then climbing left turn to heading 050°, maintain 5000, Thence....

TAKEOFF RUNWAY 13 (Maspeth Climb): TURBOJETS ONLY - Requires minimum ATC climb of 900' per NM to 4400, if unable advise ATC prior to taxiing onto the departure runway: Climbing right turn to heading 180°, at LGA 4.1 DME turn right heading 340°, maintain 5000, cross LGA R-220 at or above 5000, Thence....

TAKEOFF RUNWAY 13 (Whitestone Climb): Requires minimum ATC climb of 500' per NM to 1500, if unable advise ATC prior to taxiing onto the departure runway: Climbing right turn to heading 180° to LGA 2.5 DME, then left turn heading 040° (do not exceed 210K until established on heading 040°). Maintain 5000, Thence....

TAKEOFF RUNWAY 22: Climbing left turn to heading 070°, maintain 5000, Thence....

TAKEOFF RUNWAY 31: Climb on heading 314° (or as assigned by ATC), maintain 5000, Thence....

....expect vectors to assigned route/fix. Expect clearance to filed altitude/flight level within ten (10) minutes after departure.

TAKEOFF MINIMUMS:

Rwy 4: Standard.

Rwy 13 (Coney Climb): 400-2 1/4 or standard with minimum climb of 283' per NM to 300. ATC climb of 900' per NM to 1500.

Rwy 13 (Maspeth Climb): Standard with minimum climb of 323' per NM to 2100. ATC climb of 900' per NM to 4400.

Rwy 13 (Flushing Climb): 400-2 1/4 or standard with minimum climb of 283' per NM to 300. ATC climb of 283' per NM to 500.

Rwy 13 (Whitestone Climb): 400-2 1/4 or standard with minimum climb of 283' per NM to 300. ATC climb of 500' per NM to 1500.

Rwy 22: 300-2 1/4 or standard with minimum climb of 210' per NM to 400, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1100' prior to DER.

Rwy 31: 300-1 5/8 or standard with minimum climb of 334' per NM to 500.

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