



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climbing right turn to 5000' via heading 100°, Thence....

TAKEOFF RUNWAYS 13L/R: Climb via assigned heading, maintain 5000', Thence....

TAKEOFF RUNWAYS 22L/R: Climb heading 225°, maintain 5000', Thence....

GATEWAY CLIMB\*: Intercept the JFK VOR/DME R-232 southwest bound until 5 DME, then turn left heading 220°, maintain 5000', Thence....

TAKEOFF RUNWAYS 31L/R:

BREEZY POINT CLIMB: Climbing left turn direct CRI VOR/DME, make turn east of CRI R-039, then via CRI R-223 to RINGRR/CRI 27 DME. Cross CRI 3 DME or JFK R-253 at or above 2500', maintain 5000', Thence....

BRIDGE CLIMB\*\*: Climbing left turn direct OGY NDB, then via heading 220°, make turn east of CRI R-039. Cross JFK R-253 at or above 2500', maintain 5000', Thence....

CANARSIE CLIMB: Climbing left turn direct CRI VOR/DME, make turn east of CRI R-039, then via CRI R-176. Cross CRI 2 DME or JFK R-253 at or above 2500', maintain 5000', Thence....

IDLEWILD CLIMB\*\*\*: Climbing right turn to 2000' via heading 090°, remain within JFK 2.5 DME \*\*\*\*, Thence....

...Via vectors to assigned route/fix. Expect clearance to filed altitude/flight level ten minutes after departure.

- \* To be assigned during the period 2200-0700 local.
- \*\* ADF Required.
- \*\*\* To be assigned by ATC to NON-TURBOJET AIRCRAFT.
- \*\*\*\* If unable to remain within JFK 2.5 DME, advise ATC.

TAKEOFF OBSTACLE NOTES:

Rwy 4L: Taxiing Aircraft 691' from DER, 390' left or right of rwy centerline, 64' AGL/77' MSL. Cross DER at or above 35' AGL/47' MSL. Tree 1824' from DER, 180' right of rwy centerline, 63' AGL/79' MSL. Tree 1847' from DER, 88' left of rwy centerline, 54' AGL/67' MSL. Multiple Obstruction Lights on Fence beginning 249' from DER, 316' left of rwy centerline, 10' AGL/22' MSL.

Rwy 4R: Multiple Trees beginning 1294' from DER, 687' left of rwy centerline, up to 63' AGL/76' MSL. Tree 524' from DER, 613' right of rwy centerline, 20' AGL/33' MSL.

Rwy 13L: Elec Equipment 106' from DER, 416' left of rwy centerline, 10' AGL/17' MSL. Obstruction Light on GS Antenna 1046' from DER, 141' left of rwy centerline, 27' AGL/40' MSL.

Rwy 13R: Obstruction light on tank 1.12 NM from DER, 2116' right of rwy centerline, 215' AGL/227' MSL. Obstruction light on GS antenna 361' from DER, 405' left of rwy centerline, 32' AGL/45' MSL. Obstruction light on fence 98' from DER, 6' right of rwy centerline, 10' AGL/24' MSL. Tower 4690' from DER, 1386' right of rwy centerline, 127' AGL/140' MSL.

Rwy 31L: Tree 2076' from DER, 436' left of rwy centerline, 79' AGL/91' MSL. Bush 257' from DER, 530' left of rwy centerline, 13' AGL/25' MSL.

Rwy 31R: Tree 752' from DER, 654' left of rwy centerline, 39' AGL/ 52' MSL. Tree 561' from DER, 646' right of rwy centerline, 30' AGL/43' MSL. Multiple light poles beginning 1442' from DER, 336' left of rwy centerline, up to 44' AGL/67' MSL. Vehicle on road 281' from DER, 501' left of rwy centerline, 15' AGL/26' MSL. Multiple obstruction lights on poles and fence beginning 365' from DER, 15' left of rwy centerline, up to 17' AGL/31' MSL. Obstruction light on pole 625' from DER, 359' right of rwy centerline, 28' AGL/31' MSL. Approach light 190' from DER, 8' right of rwy centerline, 5' AGL/18' MSL. Fence 410' from DER, 352' right of rwy centerline, 10' AGL/23' MSL.

NE-2, 26 JUN 2014 to 24 JUL 2014

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