DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climbing right turn heading 099°, thence . . . .

TAKEOFF RUNWAYS 13L/R: Climb on assigned heading, thence . . . .

TAKEOFF RUNWAYS 22L/R: Climb heading 224°, thence . . . .

* GATEWAY CLIMB: Climbing right turn to intercept the JFK R-232 until 5 DME, then turn left heading 219°, thence . . . .

TAKEOFF RUNWAYS 31L/R:

BREEZY POINT CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-223. Cross CRI 3 DME or JFK R-253 at or above 2500, thence . . . .

CANARSIE CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-176. Cross CRI 2 DME or JFK R-253 at or above 2500, thence . . . .

. . . . via RADAR vectors to BETTE, maintain 5000. Expect clearance to filed altitude/flight level ten (10) minutes after departure.
NO T E: C h a r t n o t t o  s c a l e .

K E E R O  
K U R N L  
D E E Z Z  
C A N D R  
T O W I N  
N E W  Y O R K ,  N E W  Y O R K  (J F K)  
(RNAV)  

T O P  A L T I T U D E:  
5000

T A K E O F F  M I N I M U M S  
Rwy 13R: 300-1½ or Standard with minimum climb of 250' per NM to 300.  
Rwys 31L/R: Standard with minimum climb of 500' per NM to 1400.

N O T E:  D M E / D M E / I R U  o r G P S  r e q u i r e d .  
N O T E:  R a d a r  R e q u i r e d .  
N O T E:  R N A V  1 .  
N O T E:  T O W I N  t r a n s i t i o n  A T C  a s s i g n e d  o n l y .  

(NARRATIVE ON FOLLOWING PAGE)
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWYS 4L/R: Climb heading 044° to 520, then climbing right turn heading 099° or as assigned by ATC, thence . . . .
TAKEOFF RWYS 13L/R: Climb heading 134° to 520, then climbing left turn heading 109° or as assigned by ATC, thence . . . .
TAKEOFF RWYS 22L/R: Climb heading 224° or as assigned by ATC, thence . . . .
TAKEOFF RWY 31L: Climb heading 314° to intercept course 237° to SKORR, then on track 183° to cross CESID at or above 2500, then on track 172° to YNKEE, then on heading 172° or as assigned by ATC, thence . . . .
TAKEOFF RWY 31R: Climb heading 314° to intercept course 242° to SKORR, then on track 183° to cross CESID at or above 2500, then on track 172° to YNKEE, then on heading 172° or as assigned by ATC, thence . . . .

. . . . expect vectors to DEEZZ, then on track 295° to HEERO. Maintain 5000. Expect clearance to filed altitude/flight level within ten (10) minutes after departure.

CANDR TRANSITION (DEEZZ5.CANDR)
TOWIN TRANSITION (DEEZZ5.TOWIN)
TOP ALTITUDE: 5000

TAKEOFF MINIMUMS

NOTE: RADAR required.

*NOTE: DME required. To be assigned during the period of 2200-0700 local.

(NARRATIVE ON FOLLOWING PAGE)
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climbing right turn heading 099°, thence . . . .

TAKEOFF RUNWAYS 13L/R: Climb on assigned heading, thence . . . .

TAKEOFF RUNWAYS 22L/R: Climb heading 224°, thence . . . .

* GATEWAY CLIMB: Climbing right turn to intercept the JFK R-232 until 5 DME, then turn left heading 219°, thence . . . .

TAKEOFF RUNWAYS 31L/R:

BREEZY POINT CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-223. Cross CRI 3 DME or JFK R-253 at or above 2500, thence . . . .

CANARSIE CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-176. Cross CRI 2 DME or JFK R-253 at or above 2500, thence . . . .

. . . via RADAR vectors to GREKI, maintain 5000. Expect clearance to filed altitude/flight level ten (10) minutes after departure.

JUDDS TRANSITION (GREKI6.JUDDS): From over GREKI INT to JUDDS INT via CMK R-057.
HAPIE SIX DEPARTURE

(TOP ALTITUDE: 5000)

NOTE: Chart not to scale.

NOTE: RADAR required.

* NOTE: DME required. To be assigned during the period of 2200-0700 local.

(TOP ALTIMETRY: 5000)

NOTE: Chart not to scale.

TAKEOFF MINIMUMS:

NOTE: Radar required.

* NOTE: DME required. To be assigned during the period of 2200-0700 local.

(NARRATIVE ON FOLLOWING PAGE)

HAPIE SIX DEPARTURE

HAPIE6.HAPIE

(19JUL19)

John F Kennedy Int'l (JFK)

New York, New York

New York Dep Con 135.9 353.7

128.725

CINC DEL

135.9 348.6

CPDLC

135.9 353.7

D-ATIS

18200

19JUL19

19JUL19

New York Int'l (JFK)

New York, New York

18200

18200

(FAA)
**DEPARTURE ROUTE DESCRIPTION**

**TAKEOFF RUNWAYS 4L/R:** Climbing right turn heading 099°, thence . . . .

**TAKEOFF RUNWAYS 13L/R:** Climb on assigned heading, thence . . . .

**TAKEOFF RUNWAYS 22L/R:** Climb heading 224°, thence . . . .

* **GATEWAY CLIMB:** Climbing right turn to intercept the JFK R-232 until 5 DME, then turn left heading 219°, thence . . . .

**TAKEOFF RUNWAYS 31L/R:**

- **BREEZY POINT CLIMB:** Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-223. Cross CRI 3 DME or JFK R-253 at or above 2500, thence . . . .

- **CANARSIE CLIMB:** Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-176. Cross CRI 2 DME or JFK R-253 at or above 2500, thence . . . .

. . . . via RADAR vectors to HAPIE, maintain 5000. Expect clearance to filed altitude/flight level ten (10) minutes after departure.
NOTE: Chart not to scale.

(JFK5.JFK) 19JUL18

KENNEDY FIVE DEPARTURE

WHITE departures expect vectors to V1.
WAVEY departures expect vectors to JFK R-156.
SHIPP departures expect vectors to JFK R-139.
HAAYS departures expect vectors to JFK R-222.
DIXIE departures expect vectors to JFK R-253 at or above 2500, maintain 5000.

TAKEOFF MINIMUMS

* NOTE: DME required. To be assigned during the period of 2200-0700 local.

** NOTE: To be assigned to non-turbojet aircraft. If unable to remain within JFK 2.5 DME, advise ATC.

NOTE: Chart not to scale.
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climbing right turn heading 099°, thence . . . .

TAKEOFF RUNWAYS 13L/R: Climb on assigned heading, thence . . . .

TAKEOFF RUNWAYS 22L/R: Climbing heading 224°, thence . . . .

* GATEWAY CLIMB: Climbing right turn to intercept the JFK R-232 until 5 DME, then turn left heading 219°, thence . . . .

TAKEOFF RUNWAYS 31L/R:

BREEZY POINT CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-223 to RNGRR/CRI 27 DME. Cross CRI 3 DME or JFK R-253 at or above 2500, thence . . . .

CANARSIE CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-176. Cross CRI 2 DME or JFK R-253 at or above 2500, thence . . . .

** IDLEWILD CLIMB: Climbing right turn to 2000 heading 090° (remain within JFK 2.5 DME), thence . . . .

. . . . via RADAR vectors to assigned route/fix, maintain 5000. Expect clearance to filed altitude/flight level ten (10) minutes after departure.
**NOTE:** Chart not to scale.

**QU BIS**

**TAFFY**

**EBONY**

**ALLEX**

**TUSKY**

**KANNI**

**WHALE**

**VITOL**

**DOVEY**

**JOB OC**

**NEW YORK, NEW YORK (JFK)**

**MERIT SIX DEPARTURE**

D-ATIS
128.725
CPDLC
NEW YORK DEP CON
135.9 353.75

**TOP ALTITUDE:**

5000

**TAKEOFF MINIMUMS:**


**NOTE:** RADAR required.

*NOTE: DME required. To be assigned during the period of 2200-0700 local.*

(NARRATIVE ON FOLLOWING PAGE)
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climbing right turn heading 099°, thence . . . .

TAKEOFF RUNWAYS 13L/R: Climb on assigned heading, thence . . . .

TAKEOFF RUNWAYS 22L/R: Climb heading 224°, thence . . . .

*GATEWAY CLIMB: Climbing right turn to intercept the JFK R-232 until 5 DME, then turn left heading 219°, thence . . . .

TAKEOFF RUNWAYS 31L/R:

BREEZY POINT CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-223. Cross CRI 3 DME or JFK R-253 at or above 2500, thence . . . .

CANARSIE CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-176. Cross CRI 2 DME or JFK R-253 at or above 2500, thence . . . .

. . . . via RADAR vectors to MERIT, maintain 5000. Expect clearance to filed altitude/flight level ten (10) minutes after departure.

PUTNAM TRANSITION (MERIT6.PUT): From over MERIT INT to HFD VOR/DME via HFD R-253, then via HFD R-072 and PUT R-253 to PUT VOR/DME.
(SKORR4.SKORR) 19003
SKORR FOUR DEPARTURE (RNAV) AL-610 (FAA)
NEW YORK, NEW YORK

TAKEOFF MINIMUMS:
Rwy 31R: Standard with minimum climb of 500' per NM to 3000.
Rwy 31L: Standard with minimum climb of 500' per NM to 3000.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: RADAR required.
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 31R: Climb heading 314° to intercept course 243° to SKORR. Thence . . . .

TAKEOFF RUNWAY 31L: Climb heading 314° to intercept course 238° to SKORR. Thence . . . .

. . . . maintain 5000, expect clearance to filed altitude/flight level ten minutes after departure.

RNGRR TRANSITION (SKORR4.RNGRR):

YNKKE TRANSITION (SKORR4.YNKEE):

NOTE: North American routes via...

...BETTE expect radar vectors to BETTE direct ACK VOR/DME.
...GREKI expect radar vectors to GREKI direct JUDDS direct MARTN.
...HAPIE expect radar vectors to HAPIE direct YAHOO.
...MERIT expect radar vectors to MERIT direct HFD VOR/DME then direct PUT VOR/DME then...

...TOPPS or EBONY expect direct.
...ALEX via direct WITCH direct.
...TUSKY and south expect direct BOS VOR/DME direct.