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.
NE-2, 23 APR 2020 to 21 MAY 2020

**DEEZZ 5 DEPARTURE (RNAV)**

- **TOWIN**
- **CANDR**
- **KURNL**
- **HEERO**
- **DEEZ**

**TAKING OFF MINIMUMS**

- **Rwy 4L/R, 13L, 22L/R:** Standard.
- **Rwy 13R:** 300-1½ or Standard with minimum climb of 250' per NM to 300.
- **Rwy 31L/R:** Standard with minimum climb of 500' per NM to 1400.

**NOTE:**
- DME/DME/IRU or GPS required.
- Radar Required.
- RNAV 1.
- TOWIN transition ATC assigned only.

**TOP ALTITUDE:**

5000

**NOTE:** Chart not to scale.
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 4L/R: Climb heading 044° to 520, then climbing right turn heading 099° or as assigned by ATC, thence . . . .

TAKEOFF RWY 13L/R: Climb heading 134° to 520, then climbing left turn heading 109° or as assigned by ATC, thence . . . .

TAKEOFF RWY 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)
NOTE: Chart not to scale.

NE-2, 23 APR 2020 to 21 MAY 2020
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

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

**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:** Radar required.

**NOTE:** BAYYS departures expect vectors to BDR VOR/DME or BDR R-054.

**NOTE:** BETTE departures expect vectors to JFK R-109.

**NOTE:** COATE departures expect vectors to SAX VORTAC or SAX R-311.

**NOTE:** DIXIE departures expect vectors to JFK R-222.

**NOTE:** HAPIE departures expect vectors to JFK R-124.

**NOTE:** RBV departures expect vectors to RBV after RNGRR.

**NOTE:** SHIPP departures expect vectors to JFK R-139.

**NOTE:** WAVEY departures expect vectors to JFK R-156.

**NOTE:** WHITE departures expect vectors to V1.
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 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.
NE-2, 23 APR 2020 to 21 MAY 2020

**Taketoff Mininums:**

**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.
**SKORR FOUR DEPARTURE (RNAV)**

**NE-2, 23 APR 2020 to 21 MAY 2020**

**NEW YORK, NEW YORK**

**NOTE:** Chart not to scale.

**NOTE:** DME/DME/IRU or GPS required.

**NOTE:** RNAV 1.

**NOTE:** RADAR required.

**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)**
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):

YNKEE 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.
...ALLEX via direct WITCH direct.
...TUSKY and south expect direct BOS VOR/DME direct.