

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
KENNEDY	FIVE	JFK5.JFK	FOUR	02/01/2018	19 JUL 2018

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
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DP ROUTE DESCRIPTION:**TAKEOFF RWY 4L/R:** CLIMBING RIGHT TURN HEADING 099.00, THENCE...**TAKEOFF RWY 13L/R:** CLIMB ON ASSIGNED HEADING, THENCE...**TAKEOFF RWY 22L/R:** CLIMB HEADING 223.77, THENCE...***GATEWAY CLIMB:** CLIMBING RIGHT TURN TO INTERCEPT THE JFK R-232 UNTIL 5.00 DME, THEN TURN LEFT HEADING 219.00, THENCE...**TAKEOFF RWY 31L/R:****BREEZY POINT CLIMB:** CLIMBING LEFT TURN DIRECT CRI VOR/DME. MAKE TURN EAST OF CRI R-039 (REMAIN WITHIN JFK 4.50 DME), THEN VIA CRI R-223 TO RNGRR/ CRI 27.00 DME. CROSS CRI 3.00 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 4.50 DME), THEN VIA CRI R-176. CROSS CRI 2.00 DME OR JFK R-253 AT OR ABOVE 2500, THENCE...****IDLEWILD CLIMB:** CLIMBING RIGHT TURN TO 2000 HEADING 090.00 (REMAIN WITHIN JFK 2.50 DME), THENCE...

...VIA RADAR VECTORS TO ASSIGNED ROUTE/FIX, MAINTAIN 5000. EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL TEN (10) MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
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PROCEDURAL DATA NOTES:***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 2.50 DME, ADVISE ATC.**NOTE:** RADAR REQUIRED.**NOTE:** HAPIE DEPARTURES EXPECT VECTORS TO JFK R-124.**NOTE:** COATE DEPARTURES EXPECT VECTORS TO SAX VORTAC OR SAX R-311.**NOTE:** BETTE DEPARTURES EXPECT VECTORS TO JFK R-109.**NOTE:** BAYYS DEPARTURES EXPECT VECTORS TO BDR VOR/DME OR BDR R-054.**NOTE:** SHIPP DEPARTURES EXPECT VECTORS TO JFK R-139.**NOTE:** WAVEY DEPARTURES EXPECT VECTORS TO JFK R-156.**NOTE:** DIXIE DEPARTURES EXPECT VECTORS TO JFK R-222.**NOTE:** WHITE DEPARTURES EXPECT VECTORS TO V1.**NOTE:** RBV DEPARTURES EXPECT VECTORS TO RBV AFTER RNGRR.**TAKEOFF MINIMUMS:****RWY 4L, 4R, 13L, 13R, 22L, 22R, 31L, 31R** STANDARD.

QUALITY
3
CHECKED

TAKEOFF OBSTACLES NOTES:**NOTE: RWY 4L,** FENCE AND LT POLES BEGINNING 94 FT FROM DER, 466 FT RIGHT OF CENTERLINE, UP TO 7 FT AGL/22 FT MSL. LOCALIZER 204 FT FROM DER, ON CENTERLINE, 6 FT AGL/21 FT MSL. TOWER, LT POLES, UTILITY POLES, FENCE, AND BLDG BEGINNING 212 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/28 FT MSL. TREES BEGINNING 400 FT FROM DER, 765 FT RIGHT OF CENTERLINE, UP TO 79 FT AGL/92 FT MSL. TREES BEGINNING 77 FT FROM DER, 655 FT LEFT OF CENTERLINE, UP TO 74 FT AGL/87 FT MSL.**NOTE: RWY 4R,** LIGHTS BEGINNING 6 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 2 FT AGL/13 FT MSL. LIGHTS BEGINNING 6 FT FROM DER, 5 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/13 FT MSL. LIGHTS 10 FT FROM DER, ON CENTERLINE, 2 FT AGL/13 FT MSL. TREES BEGINNING 493 FT FROM DER, 468 FT RIGHT OF CENTERLINE, UP TO 34 FT AGL/48 FT MSL. TREES BEGINNING 1757 FT FROM DER, 626 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/66 FT MSL. TREES BEGINNING 1274 FT

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FROM DER, 477 FT LEFT OF CENTERLINE, UP TO 73 FT AGL/76 FT MSL.

NOTE: RWY 13L, SIGN AND LIGHTS BEGINNING 2 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 3 FT AGL/14 FT MSL. LIGHTS 11 FT FROM DER, ON CENTERLINE, 2 FT AGL/13 FT MSL. SIGN, ELECTRICAL EQUIPMENT, AND LIGHTS BEGINNING 11 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/14 FT MSL. POLE AND SIGN BEGINNING 254 FT FROM DER, 523 FT RIGHT OF CENTERLINE, UP TO 9 FT AGL/20 FT MSL. ROD 1119 FT FROM DER, 140 FT LEFT OF CENTERLINE, 39 FT AGL/58 FT MSL. TREES BEGINNING 1774 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 72 FT AGL/91 FT MSL.

NOTE: RWY 13R, LIGHTS BEGINNING 4 FT FROM DER, 40 FT RIGHT OF CENTERLINE, UP TO 3 FT AGL/14 FT MSL. LIGHTS BEGINNING 4 FT FROM DER, 15 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/14 FT MSL. BUILDINGS, TOWER, AND GLIDESLOPE ANTENNA BEGINNING 418 FT FROM DER, 404 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/58 FT MSL. TRANSMISSION TOWERS BEGINNING 4749 FT FROM DER, 1385 FT RIGHT OF CENTERLINE, UP TO 139 FT AGL/140 FT MSL.

NOTE: RWY 22L, LIGHTS BEGINNING 3 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/13 FT MSL. LIGHTS BEGINNING 4 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 2 FT AGL/13 FT MSL. LIGHTS 5 FT FROM DER, ON CENTERLINE, 2 FT AGL/13 FT MSL. TREES BEGINNING 433 FT FROM DER, 578 FT LEFT OF CENTERLINE, UP TO 27 FT AGL/31 FT MSL.

NOTE: RWY 22R, LIGHTS BEGINNING ABEAM DER, 55 FT RIGHT OF CENTERLINE, UP TO 2 FT AGL/13 FT MSL. FENCE, LIGHTS, AND BUSHES BEGINNING ABEAM DER, 54 FT LEFT OF CENTERLINE, UP TO 8 FT AGL/19 FT MSL.

NOTE: RWY 31L, LIGHTS BEGINNING 9 FT FROM DER, 80 FT RIGHT OF CENTERLINE, UP TO 3 FT AGL/14 FT MSL. LIGHTS BEGINNING 10 FT FROM DER, 80 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/13 FT MSL. TREES 2075 FT FROM DER, 435 FT LEFT OF CENTERLINE, UP TO 87 FT AGL/91 FT MSL.

NOTE: RWY 31R, LIGHTS BEGINNING 8 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/13 FT MSL. LIGHTS 10 FT FROM DER, ON CENTERLINE, 2 FT AGL/13 FT MSL. LIGHTS BEGINNING 10 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 2 FT AGL/13 FT MSL. ELECTRICAL SYSTEM, ELECTRICAL BOX, AND LIGHTS BEGINNING 101 FT FROM DER, ON CENTERLINE, AND LEFT AND RIGHT OF CENTERLINE, UP TO 7 FT AGL/18 FT MSL. APPROACH LIGHTS BEGINNING 200 FT FROM DER, ON CENTERLINE, UP TO 9 FT AGL/27 FT MSL. FENCES, LIGHTS, AND POLES BEGINNING 146 FT FROM DER, 115 FT LEFT OF CENTERLINE, UP TO 19 FT AGL/30 FT MSL. LIGHTS AND TREES BEGINNING 553 FT FROM DER, 191 FT RIGHT OF CENTERLINE, UP TO 34 FT AGL/48 FT MSL. LIGHTS AND POLES BEGINNING 1443 FT FROM DER, 334 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/67 FT MSL. POLE 2162 FT FROM DER, 562 FT RIGHT OF CENTERLINE, 54 FT AGL/66 FT MSL. ANTENNA 3916 FT FROM DER, 1550 FT RIGHT OF CENTERLINE, 111 FT AGL/130 FT MSL.

CONTROLLING OBSTACLES:

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: CROSS JFK R-253 AT OR ABOVE 2500, MAINTAIN 5000.

CHART: CRI 2.00 DME ARC, CRI 3.00 DME ARC, JFK 2.50 DME ARC, JFK 4.50 DME ARC.

CHART: CRI R-039, CRI R-223, CRI R-176, JFK R-253.

CHART: BDR R-054 TO BAYYS, JFK R-109 TO BETTE, SAX R-311 TO COATE, JFK R-222 TO DIXIE, JFK R-124 TO HAPIE, CRI R-223 TO RNGRR, JFK R-139 TO SHIPP, JFK R-156 TO WAVEY, V1 TO WHITE, LGA R-322 TO NEION, DPK R-320 TO GAYEL, DPK R-324 TO DEEZZ.

CHART: LAT/LONGS AT EACH FACILITY AND FIX.

CHART: TOP ALTITUDE: 5000

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
JOHN F KENNEDY INTL	NEW YORK	NY

COMMUNICATIONS:

ATIS, CLNC DEL, NEW YORK DEP CON

FIXES AND/OR NAVAIDS:

GAYEL, HAAYS, NEION, COATE, LANNA, WHITE, DIXIE, WAVEY, BAYYS, SHIPP, GREKI, HAPIE, BETTE, MERIT, RNGRR, DEEZZ, SBJ VOR/DME, SAX VORTAC, DPK VOR/DME, JFK VOR/DME, LGA VOR/DME, RBV VORTAC, ARD VOR/DME, BDR VOR/DME.

QUALITY
3
CHECKED

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REMARKS:

MVA ALTITUDES: RWY 4L/R-1600; RWY 22L/R-1500; RWY 13L/R-1500; RWY 31L/R-1800; IDLEWILD CLIMB MVA-1600.
IDLEWILD CLIMB REQUIRES AIRCRAFT TO REMAIN WITHIN JFK 2.5 DME WITHOUT NOTIFICATION TO ATC. JFK 2.5 DME REQUIRES AIRCRAFT TO TURN PRIOR TO THE END OF THE ICA. STANDARD EVAL COMPLETED ENCOMPASSING THE 2 MILE ICA IN CASE AIRCRAFT ARE UNABLE TO REMAIN WITHIN JFK 2.5 MILE DME.
ABBREVIATED AMENDMENT
THIS DOES NOT MEET REQUIREMENTS FOR A PERIODIC REVIEW.

FLIGHT INSPECTED BY:

FLIGHT INSPECTION NOT REQUIRED-PROCESSED IAW
FLIGHT INSPECTION TEAM (AJW-333) MEMO MAY 30, 2017

OFFICE SYMBOL:**DATE:***Digitally signed by***ADOLFO D URRUTIA**

Feb 13, 2018

AJW-333

*Digitally signed by***ADOLFO D URRUTIA**

Feb 13, 2018

OFFICE SYMBOL:**DATE:**

AJV-5432

11/21/2017

DEVELOPED BY:

ADOLFO URRUTIA (CHRISTINE BAYSE)

APPROVED BY:

PATRICK MULQUEEN

OFFICE SYMBOL:**DATE:***Digitally signed by***ADOLFO D URRUTIA**

Feb 13, 2018

AJV-5432

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:**A4A****ALPA****AOPA****APA****HAI****NBAA****OTHER:**

ZNY, N90, JFK TOWER, ARPT MGR

CHANGES - REASONS:

1. UPDATED DP ROUTE DESCRIPTION ALL HEADINGS BY SUBTRACTING 1 DEGREE.- MAG VAR UPDATED FROM 14W/2000 TO 13W/2020.
2. UPDATED ALL REFERENCES OF JOHN F. KENNEDY INTL TO JOHN F KENNEDY INTL.- AIRPORT NAME UPDATED IN AIRNAV.

QUALITY
3
CHECKED