

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TNNIS	SIX	TNNIS6.TNNIS	FIVE	02 MAY 2013	25 JUN 2015

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 13: CLIMB HEADING 134.13 TO INTERCEPT COURSE 050.00 TO CROSS JUTES AT OR ABOVE 3000, THEN ON TRACK 039.07 TO CROSS TNNIS AT OR ABOVE 5000, THEN ON HEADING 045.00, EXPECT VECTORS AFTER TNNIS, THENCE...

...MAINTAIN 5000 OR AS ASSIGNED BY ATC. EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL WITHIN TEN (10) MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
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PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: FOR ALL TURBOJET AIRCRAFT. **NOTE:** TURBOPROP TRAFFIC AS ASSIGNED BY ATC. **NOTE:** DME/DME/IRU OR GPS REQUIRED.
NOTE: RADAR REQUIRED. **NOTE:** RNAV 1. **NOTE:** ALL AIRCRAFT EXPECT VECTORS AFTER TNNIS. **NOTE:** DO NOT EXCEED 220 KIAS UNTIL PASSING JUTES.
NOTE: STRICT COMPLIANCE TO TRACK AND ALTITUDE RESTRICTIONS IS MANDATORY. AIRCRAFT PERFORMANCE MAY REQUIRE REDUCED AIRSPEED TO COMPLY WITH ALTITUDE RESTRICTIONS. IF UNABLE TO COMPLY WITH CLIMB GRADIENT, NOTIFY ATC ON INITIAL CONTACT.
NOTE: TRAFFIC FILED OVER BIGGY, LANNA, ELIOT, PARKE, ZIMMZ, NEWEL: DO NOT EXCEED 250 KIAS UNTIL REACHING 11000.
NOTE: BAYYS DEPARTURES EXPECT VECTORS TO BDR/BDR-054.
NOTE: COATE DEPARTURES EXPECT VECTORS TO SAX/SAX R-311.
NOTE: SHIPP DEPARTURES EXPECT VECTORS TO JFK/JFK R-139.
NOTE: WAVEY DEPARTURES EXPECT VECTORS TO JFK/JFK R-156.
NOTE: WHITE DEPARTURES EXPECT VECTORS TO COL/COL R-204.
NOTE: BIGGY DEPARTURES EXPECT VECTORS TO SBJ/SBJ R-237.
NOTE: DIXIE DEPARTURES EXPECT VECTORS TO COL/COL R-192.
NOTE: ELIOT DEPARTURES EXPECT VECTORS TO SAX R-252. ELIOT AUTHORIZED ONLY FOR AIRCRAFT REQUESTING A FINAL ALTITUDE OF 14000 OR 16000.
NOTE: GAYEL DEPARTURES EXPECT VECTORS TO DPK R-320.
NOTE: GREKI DEPARTURES EXPECT VECTORS TO CMK R-057.
NOTE: LANNA DEPARTURES EXPECT VECTORS TO PTW R-059.
NOTE: MERIT DEPARTURES EXPECT VECTORS TO LGA R-055.
NOTE: NEION DEPARTURES EXPECT VECTORS TO LGA R-322.
NOTE: PARKE DEPARTURES EXPECT VECTORS TO BWZ/BWZ R-250.
NOTE: HAAYS DEPARTURES EXPECT VECTORS TO HUO.
NOTE: ZIMMZ DEPARTURES EXPECT VECTORS TO SAX R-250. ZIMMZ AUTHORIZED ONLY FOR AIRCRAFT REQUESTING A FINAL ALTITUDE OF FL180 AND ABOVE.
NOTE: NEWEL DEPARTURES EXPECT VECTORS TO SAX R-264. NEWEL AUTHORIZED ONLY FOR AIRCRAFT REQUESTING A FINAL ALTITUDE OF AT OR ABOVE FL180.

TAKEOFF MINIMUMS:

RWY 4, 22, 31, NA-ATC.

RWY 13, STANDARD WITH MINIMUM CLIMB OF 310 FT PER NM TO 2000. ATC CLIMB OF 467 FT PER NM TO 4700.



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TAKEOFF OBSTACLES NOTES:

NOTE: RWY 13, LOCALIZER 392 FT FROM DER, ON CENTERLINE, 18 FT AGL/19 FT MSL. STACK, FENCES, AND BUILDINGS BEGINNING 97 FT FROM DER, 171 FT LEFT OF CENTERLINE, UP TO 83 FT AGL/103 FT MSL. FENCES, BUILDINGS, AND TREES BEGINNING 28 FT FROM DER, 415 FT RIGHT OF CENTERLINE, UP TO 21 FT AGL/22 FT MSL. STACK 4934 FT FROM DER, 1513 FT LEFT OF CENTERLINE, 172 FT AGL/181 FT MSL. BUILDING 1.9 NM FROM DER, 758 FT RIGHT OF CENTERLINE, 280 FT AGL/345 FT MSL.

CONTROLLING OBSTACLES:

RWY 13: 181 FT MSL STACK 404606.19N/0735020.83W. 345 FT MSL BUILDING 404513.00N/0734925.00W. 1505 FT MSL BUILDING 404454.36N/0735908.50W

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KLGA 12W EPOCH YEAR: 80. DME/DME ASSESSMENT: SAT (RNP 2.0).

CHART CROSSING RESTRICTIONS: JUTES AT OR ABOVE 3000; TNNIS AT OR ABOVE 5000.

CHART: JOHN F. KENNEDY INTL AIRPORT (KJFK)

CHART: TOP ALTITUDE: 5000

AIRPORTS SERVED:

LA GUARDIA

NEW YORK, NY

COMMUNICATIONS:

ATIS, CLEARANCE DEL, GROUND CONTROL, TOWER, NY DEP CON

FIXES AND/OR NAVAIDS:

BAYYS, MERIT, GREKI, GAYEL, HAAYS, NEION, COATE, NEWEL, ELIOT, ZIMMZ, PARKE, LANNA, BIGGY, WHITE, DIXIE, WAVEY, SHIPP.



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REMARKS:

MINIMUM CLIMB GRADIENT OF 310 FT PER NM TO 2000 ESTABLISHED TO ENSURE MINIMUM DME/DME RECEPTION OF 2000 AT JUTES AND 3000 AT TNNIS.

CHANGES:

1. ADDED CHART: TOP ALTITUDE: 5000

REASONS:

1. ATC REQUEST.



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code					Superseded Number	Dated	Effective Date
TNNIS	SIX	TNNIS6.TNNIS					FIVE	02 MAY 2013	25 JUN 2015
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW13 (AER)	404656.27N/0735242.68W	N	-	-	-	-			
	404457.40N/0734833.96W	-	-	VI	122.13	3.72			ATC CG 467 FT PER NM TO 4700.
JUTES	404800.30N/0734525.90W	Y	FB	CF	038.00	3.87	AT/ABOVE 3000	AT/BELOW 220K	CG 310 FT PER NM TO 2000.
TNNIS	405246.00N/0734213.53W	Y	FO	TF	027.07	5.34	AT/ABOVE 5000		VI/CF PERMITTED
		-	-	VM	033.00				