

**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SUPERSEDED NUMBER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>ACTUAL EFFECTIVE DATE</u>
NTHNS	FIVE	NTHNS5.NTHNS	FOUR	06/25/2015	21 MAY 2020

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 13: CLIMB ON HEADING 134.13 TO INTERCEPT COURSE 178.97 TO CROSS KIWIE AT OR ABOVE 2500 AND AT OR BELOW 220 KIAS, THEN ON TRACK 203.59 TO CROSS NTHNS AT OR ABOVE 3000 AND AT OR BELOW 220 KIAS, THEN ON TRACK 229.67 TO CNRSE AT OR ABOVE 5000 AND AT OR BELOW 230 KIAS, THEN ON DEPICTED ROUTE TO ASALT, THEN ON TRACK 224.00 FOR RADAR VECTOR ON COURSE. MAINTAIN 5000 OR AS ASSIGNED BY ATC. EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL 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: FOR TURBOJET AIRCRAFT ONLY.

NOTE: RADAR REQUIRED.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: STRICT COMPLIANCE TO TRACK AND ALTITUDE RESTRICTIONS IS MANDATORY. AIRCRAFT PERFORMANCE MAY REQUIRE REDUCED AIRSPEED TO COMPLY WITH ALTITUDE RESTRICTIONS.

ADVISE ATC ON INITIAL CONTACT IF UNABLE TO COMPLY WITH CLIMB GRADIENT REQUIREMENTS.

NOTE: AIRCRAFT FILED RBV, WHITE, SHIPP, WAVEY, DIXIE: EXPECT RADAR VECTORS AFTER ASALT.

TAKEOFF MINIMUMS:

TAKEOFF MINIMUMS: RWYS 4, 22, 31: NA-ATC.

RWY 13: STANDARD WITH MINIMUM CG OF 620 FT/NM TO 2500. IF UNABLE TO ACCEPT CLIMB RATE, ADVISE ATC ON INITIAL CONTACT.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

RWY 13: 376 FT MSL BUILDING 404533.02N/0735124.72W.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAGVAR: KLG A 12W EPOCH YEAR 1980.

CHART CROSSING RESTRICTIONS: KIWIE AT OR ABOVE 2500; NTHNS AT OR ABOVE 3000; CNRSE AT OR ABOVE 5000.

CHART SPEED ICON MAXIMUM SPEED 220 KIAS AT KIWIE.

CHART SPEED ICON MAXIMUM SPEED 220 KIAS AT NTHNS.

CHART SPEED ICON MAXIMUM SPEED 230 KIAS AT CNRSE.

CHART: TOP ALTITUDE 5000.



DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
NTHNS	FIVE	NTHNS5.NTHNS	FOUR	06/25/2015	21 MAY 2020

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
LA GUARDIA	KLGA	NEW YORK	NY

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, TOWER, DEP CON

FIXES AND/OR NAVAIDS:

COL VOR/DME, DIXIE, RBV VORTAC, SHIPP, WAVEY, WHITE.

REMARKS:

ENVIRONMENTAL REVIEW UNDER ORDER 1050.1F AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.
 FLIGHT STANDARDS WAIVER REQUESTED FOR VI LEG LENGTH.
 FLIGHT STANDARDS APPROVAL REQUESTED FOR CLIMB GRADIENT.

FLIGHT INSPECTED BY

DANIEL KIRBY

OFFICE	DATE	<i>Digitally signed by</i>
FICO	3/8/2020	ALLAN WILL
		Mar 11, 2020

DEVELOPED BY

TOMMY BYRNS

Digitally signed by
TOMMY BYRNS
 Jan 16, 2020

OFFICE	DATE
AJV-A423	01/09/2020

APPROVED BY

MARLON ROBINSON

OFFICE	DATE	<i>Digitally signed by</i>	TITLE
AJV-A420		ALLAN WILL	MANAGER
		Mar 11, 2020	

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZNY, N90, LGA ATCT, AMGR

CHANGES - REASONS:

- VI LEG LENGTH CHANGED FROM 2.40 TO 1.98 - ENVIRONMENTAL CONCERNS.
- CLIMB GRADIENT CHANGED FROM 600 FP/NM TO 2500, THEN ATC CLIMB OF 355 FT/NM TO 5000 TO 620 FT/NM TO 2500 - ENVIRONMENTAL CONCERNS.
- DEPARTURE ROUTE DESCRIPTION CHANGED FROM: "TAKEOFF RWY 13: CLIMB HEADING 134.13 TO INTERCEPT COURSE 184.82 TO CROSS KIWIE AT OR ABOVE 2500, THEN ON TRACK 196.24 TO NTHNS, THEN ON TRACK 230.45 TO CROSS CRI VOR/DME AT OR ABOVE 5000, THEN ON TRACK 224.00 TO ASALT, THEN ON TRACK 224.00 FOR VECTORS ON COURSE. MAINTAIN 5000 OR AS ASSIGNED BY ATC. EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE" TO "TAKEOFF RWY 13: CLIMB ON HEADING 134.13 TO INTERCEPT COURSE 178.97 TO CROSS KIWIE AT OR ABOVE 2500 AND AT OR BELOW 220 KIAS, THEN ON TRACK 203.59 TO CROSS NTHNS AT OR ABOVE 3000 AND AT OR BELOW 220 KIAS, THEN ON TRACK 229.67 TO CNRSE AT OR ABOVE 5000 AND AT OR BELOW 230 KIAS, THEN ON DEPICTED ROUTE TO ASALT, THEN ON TRACK 224.00 FOR RADAR VECTOR ON COURSE. MAINTAIN 5000 OR AS ASSIGNED BY ATC. EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE". - CRITERIA AND ATC REQUEST.
- REMOVED OBSTACLE LIST IN TAKEOFF OBSTACLE NOTES AND ADDED NOTE: SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP). - NEW CRITERIA.
- CONTROLLING OBSTACLES CHANGED FROM 181 FT MSL STACK 404606.19N/0735020.83W, 345 FT MSL BUILDING 404513.00N/0734925.00W TO 376 FT MSL BUILDING 404533.02N/0735124.72W. - NEW OBSTACLE DATA.



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>				
NTHNS	FIVE	NTHNS5.NTHNS	FOUR	06/25/2015	21 MAY 2020				
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
RWY 13	404656.27N/0735242.68W	N							
	404552.98N/0735030.18W			VI	122.13	01.98			CG 620 FT/NM TO 2500
KIWIE	404246.02N/0734933.25W	Y	FB	CF	166.97	03.20	AT/ABOVE 2500	AT/BELOW 220K	RECOMMENDED NAVAID: JFK VOR/DME
NTHNS	404018.28N/0735013.05W	Y	FB	TF	191.59	02.51	AT/ABOVE 3000	AT/BELOW 220K	
CNRSE	403720.73N/0735312.89W	Y	FB	TF	217.67	03.74	AT/ABOVE 5000	AT/BELOW 230K	
ASALT	403139.32N/0735750.18W	Y	FB	TF	211.80	06.69			
ASALT	403139.32N/0735750.18W			FM	212.00				RECOMMENDED NAVAID: JFK VOR/DME

