

**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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOPEA	THREE	HOPEA3.HOPEA	TWO	02 MAY 2013	25 JUN 2015

**TYPE:** RNAV SID

**DP ROUTE DESCRIPTION:**

TAKEOFF RUNWAY 22: CLIMB HEADING 224.14 TO INTERCEPT COURSE 189.08 TO CROSS HOPEA AT OR ABOVE 2500, THEN ON TRACK 189.31 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 .

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes

**PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:**

NOTE: FOR TURBOJETS ONLY.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: DO NOT EXCEED 220 KIAS UNTIL PASSING HOPEA.

NOTE: DO NOT EXCEED 230 KIAS UNTIL PASSING CRI VOR/DME.

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 VORTAC, WHITE, SHIPP, WAVEY, DIXIE EXPECT VECTORS AFTER ASALT.

RWY 4, 13, 31 NA -ATC.

RWY 22, STANDARD WITH MINIMUM CLIMB OF 516 FT PER NM TO 5000.

**TAKEOFF OBSTACLES NOTES:**

NOTE: RWY 22, BUILDINGS AND TREES BEGINNING 165 FT FROM DER, 150 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/101 FT MSL. BLAST FENCE, FENCE, STACK ON BUILDING, NAVAID AND TREES BEGINNING 109 FT FROM DER, 138 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/104 FT MSL. TOWER 1.8 NM FROM DER, 566 FT RIGHT OF CENTERLINE, 222 FT AGL/302 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 22, 302 FT MSL TOWER 404437.82N/0735426.82W.

**LOST COMMUNICATIONS PROCEDURES:**



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**ADDITIONAL FLIGHT DATA:**

CHART: TOP ALTITUDE: 5000  
REFERENCE MAG VAR: KLGA 12W EPOCH YEAR 80. DME/DME ASSESSMENT: SAT (RNP 2.0)  
CHART CROSSING RESTRICTIONS: HOPEA AT OR ABOVE 2500, CRI VOR/DME AT OR ABOVE 5000  
CHART: MAX 220 KIAS AT HOPEA  
CHART: MAX 230 KIAS AT CRI VOR/DME

**AIRPORTS SERVED:**

LA GUARDIA NEW YORK, NY

**COMMUNICATIONS:**

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

**FIXES AND/OR NAVAIDS:**

RBV VORTAC, WHITE, SHIPP, WAVEY, DIXIE.

**REMARKS:**

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**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
HOPEA	THREE	HOPEA3.HOPEA	TWO	02 MAY 2013	25 JUN 2015

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW22 (AER)	404707.57N/0735214.42W	N	-	-	-	-			
	404446.67N/0735110.80W	N	-	VI	212.14	2.77			CG 516 FT/NM TO 5000
HOPEA	404125.73N/0735357.33W	Y	FB	CF	177.08	3.35	AT/ABOVE 2500	AT/BELOW 220K	VI CF PERMITTED
CRI VOR/DME	403644.90N/0735340.00W	Y	FB	TF	177.31	4.68	AT/ABOVE 5000	AT/BELOW 230K	
ASALT	403139.32N/0735750.18W	Y	FO	TF	212.00	6.00			
		Y	-	FM	212.00	-			