

**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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JUTES	TWO	JUTES2.JUTES	ONE	5/31/2012	

**TYPE:** RNAV SID

**DP ROUTE DESCRIPTION:**

TAKE OFF RUNWAY 22: CLIMB HEADING 224.14 TO 540, THEN CLIMBING LEFT TURN DIRECT JUTES, CROSS JUTES AT OR ABOVE 3000, THEN ON TRACK 039.07 TO CROSS TNNIS AT OR ABOVE 5000, THEN ON HEADING 045.00 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: ALL TURBOJETS.
- NOTE: TURBOPROPS ASSIGNED BY ATC ONLY
- NOTE: DME/DME/IRU OR GPS REQUIRED
- NOTE: RADAR REQUIRED
- NOTE: RNAV 1.
- 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. ADVISE ATC ON INITIAL CONTACT IF UNABLE TO COMPLY WITH CLIMB GRADIENT REQUIREMENTS.
- NOTE: ALL AIRCRAFT EXPECT VECTORS AFTER TNNIS.
- NOTE: TRAFFIC FILED BIGGY, ELIOT, LANNA, PARKE, ZIMMZ, NEWEL DO NOT EXCEED 250 KIAS UNTIL REACHING 11000.

**TAKEOFF MINIMUMS:**

RWY 4, 13, 31, NA – ATC.  
RWY 22, STANDARD WITH MINIMUM CLIMB OF 501 FT PER NM TO 540, THEN ATC CLIMB OF 356 FT PER NM TO 3000, THEN ATC CLIMB OF 374 FT PER NM TO 5000.

**TAKEOFF OBSTACLES NOTES:**

NOTE: RWY 22, MULTIPLE TREES AND BUILDINGS BEGINNING 165 FT FROM DER, 150 FT LEFT OF CENTERLINE UP TO 72 FT AGL/101 FT MSL. MULTIPLE TREES AND BUILDINGS BEGINNING 1731 FT FROM DER, 138 FT RIGHT OF CENTERLINE UP TO 73 FT AGL/104 FT MSL. LOCALIZER 421 FT FROM DER, 275 FT RIGHT OF CENTERLINE 25 FT AGL/44 FT MSL. FENCE 109 FT FROM DER, 335 FT RIGHT OF CENTERLINE 14 FT AGL/31 FT MSL.

**CONTROLLING OBSTACLES:**

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

**LOST COMMUNICATIONS PROCEDURES:**



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**ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: KLGA 12W/ EPOCH YEAR: 1980.  
DME/DME ASSESSMENT: SAT (RNP 2.0).

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**AIRPORTS SERVED:**

LA GUARDIA

NEW YORK, NY

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**COMMUNICATIONS:**

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

**FIXES AND/OR NAVAIDS:**

BDR VOR/DME, BAYYS, MERIT, GREKI, HUO VOR/DME, GAYEL, HAAYS, NEION, COATE, NEWEL, ZIMMZ, ELIOT, PARKE, LANNA, BIGGY, RBV VOR/DME, DIXIE, WHITE, WAVEY, SHIPP, LGA VOR/DME, CRI VOR/DME, COL VOR/DME.

**REMARKS:**

QUALITY  
7  
CHECKED

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**FLIGHT INSPECTED BY:**

JORGE A. MALCUN

ACY

04/01/2012

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**DEVELOPED BY:**

EUGENE J. NEWTON

AJV-351

7/12/2012

**APPROVED BY:**

DARRYEL ADAMS

AJV-352

**COORDINATED WITH:**

ATA, ALPA, APA, AOPA, NBAA, ZNY, N90, LGA ATCT, AMGR

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**CHANGES:**

1. CHANGED NOTE: "RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT" TO "RADAR REQUIRED".
2. CHANGED NOTE: "FOR TURBOJETS ONLY" TO "ALL TURBOJETS".
3. ADDED NOTE "TURBOPROPS ASSIGNED BY ATC ONLY".
4. CHANGED INITIAL CLIMB FROM: "CLIMB HEADING 224.14 TO AT OR ABOVE 540, THEN DIRECT JUTES" TO READ, "CLIMB HEADING 224.14 TO 540, THEN CLIMBING LEFT TURN DIRECT JUTES"

**REASONS:**

1. PROCEDURE REQUIRES ALL AIRCRAFT TO BE RADAR VECTORED AFTER TNNIS.
- 2, 3. ATC REQUEST.
4. TURN TO JUTES MORE THAN 90 DEGREES AND SHOULD INDICATE DIRECTION OF TURN. APPROVED BY ATC.



## DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JUTES	TWO	JUTES2.JUTES	ONE	5/31/2012	

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW22 (AER)	404707.57N/0735214.42W	N	-	-	-	-			
540 MSL	-	Y	-	VA	212.14	-			CG 501 FT/NM TO 540, THEN ATC CG 356 FT/NM TO 3000, THEN ATC CG 374 FT/NM TO 5000.
JUTES	404800.30N/0734525.90W	Y	FB	DF	-	-	AT/ABOVE 3000	AT/BELOW 220K	LEFT TURN
TNNIS	405246.00N/0734213.53W	Y	FO	TF	027.07	5.00	AT/ABOVE 5000		
		-	-	VM	033.00				

QUALITY  
 CHECKED



## DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JUTES RNAV	TWO	JUTES2.	ONE	05/31/2012	

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW22		010		VA		FB		224.1()		AA 00540	
	RW22	JUTES	020		DF	L	FB	1.0			AA 03000	AB 220
	RW22	TNNIS	030		TF		FO	1.0	039.1()	005.0	AA 05000	
	RW22		040		VM		FB		045.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JUTES	N404800.30	W0734525.90	N4048.005	W07345.432
	TNNIS	N405246.00	W0734213.53	N4052.767	W07342.226
	RW22	N404707.57	W0735214.42	N4047.126	W07352.240

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	00012	52


  
 QUALITY  
 1  
 CHECKED