Flight Procedure Tracking Form	Action: REVIEW/INQUIRY	Task Type: SID	Date Open: 07/03/2012	Task #: 2012070323282001001	Request #: 20120703232820
Procedure: SID JUTES (RNAV) TWO NEW YORK NY KLGA		Airport ID: KLGA	Airport: LA GUARDIA		Reimbursable #:
City: NEW YORK	ST: NY	GPS #:		Estimated Chart Date: ~~03/07/2013~~ 9/20/12	FICO #:
Fac ID:	Fac. Type:	Specialist: ~~DONALD SMITH~~ EUGENE NEWTON, AJV-351			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	07/09/2012	07/09/2012	DONALD SMITH	
QA:		7/13/12	Dp QUALITY CHECKED	Scanned 7/27
Liaison:				

Procedure Comments:

Remark Type: INFORMATION

FLIGHT CHECK NOT REQUIRED.

FORMS INCLUDED: 8260-15B, 8260-15C

CONTACT: DON SMITH, TEAM LEAD, AJV-352, 405.954.1036

Coding

JUL 25 2012 NB

ATIS
127.05
CLNC DEL
135.2
GND CON
121.7 263.0
LAGUARDIA TOWER
118.7 263.0
NEW YORK DEP CON
120.4 263.0

HUGUENOT
HUO

GAYEL

HAAYS

NEION

COATE

GREKI

MERIT

BAYYS

BRIDGEPORT
BDR

N

NEWEL

ELIOT

ZIMMZ

PARKE

LANNA

BIGGY

PROTOTYPE - NOT FOR NAVIGATION

LA GUARDIA
LGA

224°
540

039°
(5)
JUTES
3000 220K

045°
(5)
TNNIS
5000

CANARSIE
CRI

COLTS NECK
COL

ROBBINSVILLE
RBV

SHIPP

WAVEY

DIXIE

WHITE

TAKEOFF OBSTACLE NOTES

Rwy 22: Buildings and trees beginning 165′ from DER, 150′ left of centerline, up to 72′ AGL/101′ MSL. Blast fence, fence, stack on building, navaid and trees beginning 109′ from DER, 138′ right of centerline, up to 55′ AGL/104′ MSL. Tower 1.8 NM from DER, 566′ right of centerline, 222′ AGL/302′ MSL.

NOTE: All Turbojets
NOTE: DME/DME/IRU or GPS required.
NOTE: Radar required
NOTE: Turboprops assigned by ATC only
NOTE: RNAV 1.
NOTE: Do not exceed 220K 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 250K until reaching 11000.

TAKEOFF MINIMUMS

Rwys 4, 13, 31: NA-ATC.
Rwy 22: Standard with minimum climb of 501′ per NM to 540, then ATC climb of 357′ per NM to 3000, then ATC climb of 374′ per NM to 5000.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 22: Climb heading 224° to 540, then climbing left turn direct JUTES, cross JUTES at or above 3000, then on 039° track to cross TNNIS at or above 5000, then on heading 045° for vectors on course. Maintain 5000 or as assigned by ATC. Expect clearance to filed altitude/flight level 10 minutes after departure.

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 statue 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:

QUALITY CHECKED 1

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GRAPHIC DEPARTURE PROCEDURE (DP)

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

ADDITIONAL FLIGHT DATA:

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

AIRPORTS SERVED:

LA GUARDIA — NEW YORK, NY

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 CHECKED

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 statue 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	

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

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.

QUALITY CHECKED

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 PACKET - 424-18 - SID

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JUTES K60    W     N40480030W073452590                      W0132     NAR           JUTES
        SUSAEAENRT   TNNIS K60    W     N40524600W073421353                      W0133     NAR           TNNIS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLGAK6ALGA     0     070YHN40463810W073522140W012000021         1800018000C    MNAR    LA GUARDIA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLGAK6DJUTES24RW22  010         0        VA                     2241        + 00540     18000
        SUSAP KLGAK6DJUTES24RW22  020JUTESK6EA0E   L010DF                                + 03000          220               -
        SUSAP KLGAK6DJUTES24RW22  030TNNISK6EA0EY   010TF                     03910050    + 05000
        SUSAP KLGAK6DJUTES24RW22  040         0 E      VM                     0450

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLGAK6GRW22    0070012241 N40470757W073521442+0100    -0027900012000052150IIURD1    ITKDA
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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 CHECKED