Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: SID	Date Open: 09/17/2012	Task #: 2012091729880601001	Request #: 20120917298806
Procedure: SID TNNIS (RNAV) FIVE NEW YORK NY KLGA		Airport ID: KLGA	Airport: LA GUARDIA		Reimbursable #:
City: NEW YORK	ST: NY	GPS #:		Estimated Chart Date: 05/02/2013	FICO #:
Fac ID:	Fac. Type: Proc 0	Specialist: SEAN BARBEE			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	09/17/2012	01/07/2013	PATRICK MULQUEEN	
QA:	01/07/2013	01/24/2013	CASIMIR TABAKA	
Liaison:	01/24/2013		Spurlin	

P3

DME / DME

Procedure Comments: ENROUTE-NON **Remark Type:** INFORMATION

Pg 1 of 1

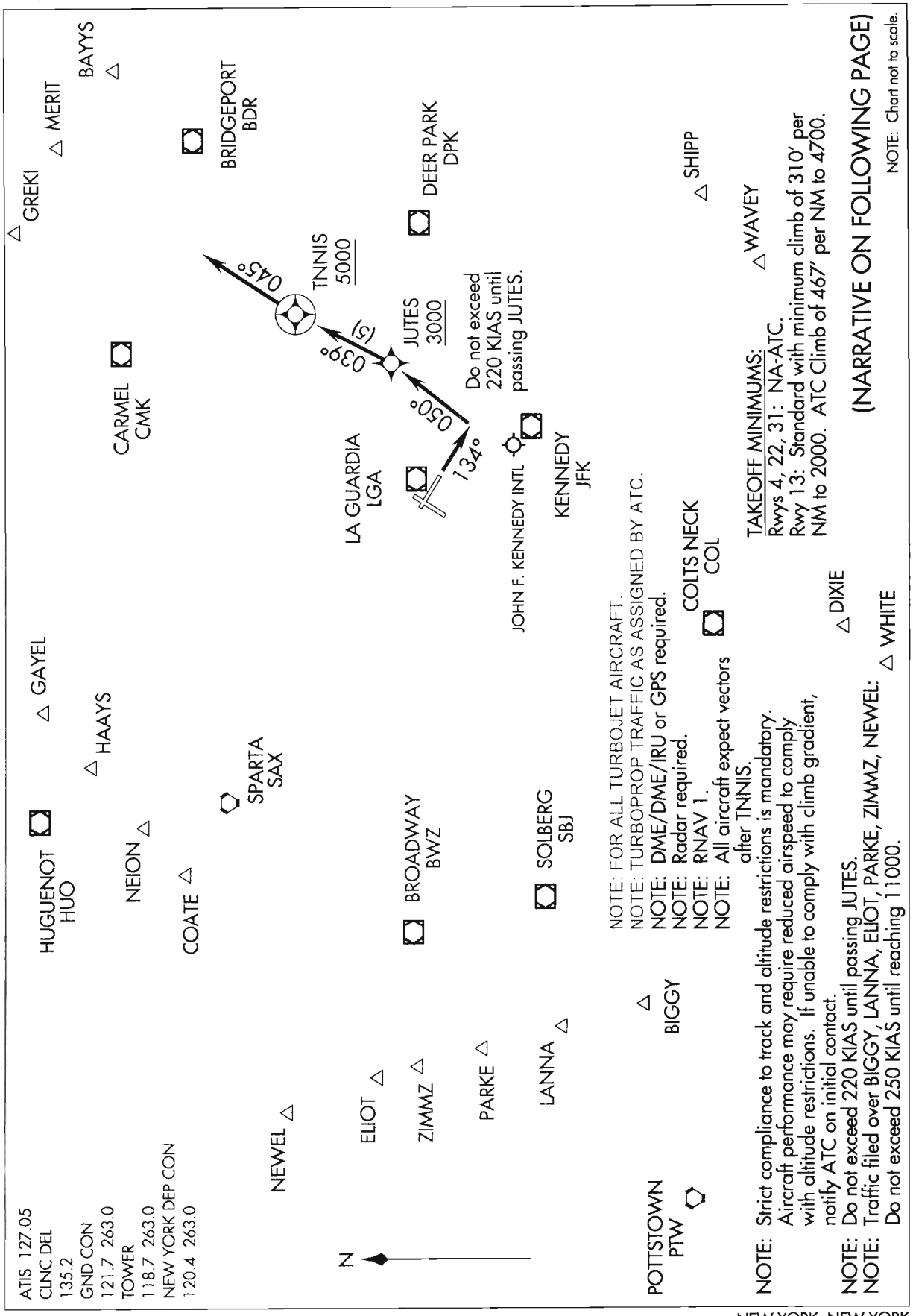
NEW YORK, NY LA GUARDIA (KLGA) TNNIS FIVE (RNAV) (SID) ENROUTE-NO FC: 3.19.13 PUB: 5.2.13

ATTACHED FORMS: 8260-15B; 8260-15C.

CONTACT: DON SMITH/MARLON ROBINSON-AJV-352 LEADS, 405.954.1036 / 405.954.3636.

TNNIS FIVE DEPARTURE (RNAV)

New



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 13: Climb heading 134° to intercept course 050° to cross JUTES at or above 3000, then on track 039° to cross TNNIS at or above 5000, then on HEADING 045°, 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.

NOTE: BAYYS departures expect vectors to BDR/BDR R-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 OBSTACLE NOTES:

Rwy 13: Localizer 392′ from DER, on centerline, 18′ AGL/19′ MSL. Stack, fences, and buildings beginning 97′ from DER, 171′ left of centerline, up to 83′ AGL/103′ MSL. Fences, buildings, and trees beginning 28′ from DER, 415′ right of centerline, up to 21′ AGL/22′ MSL. Stack 4934′ from DER, 1513′ left of centerline, 172′ AGL/181′ MSL. Building 1.9 NM from DER, 758′ right of centerline, 280′ AGL/345′ MSL.

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
TNNIS	FIVE	TNNIS5.TNNIS	FOUR	20 OCT 11	

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

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.

QUALITY CHECKED 4

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
TNNIS	FIVE	TNNIS5.TNNIS	FOUR	20 OCT 11	

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)

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.

QUALITY A 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
TNNIS	FIVE	TNNIS5.TNNIS	FOUR	20 OCT 11	

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.

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

SEAN BARBEE AJV-352 01/03/2013

APPROVED BY:

SUE CRUMB AJV-352

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, ZNY, N90, LGA ATCT, ARPT MGR

CHANGES:

1. CHANGED PROCEDURAL DATA NOTE FROM: "FOR TURBOJETS ONLY", TO: "FOR ALL TURBOJET AIRCRAFT."
2. ADDED PROCEDURAL DATA NOTE: "TURBOPROP TRAFFIC AS ASSIGNED BY ATC."
3. CHANGED DP ROUTE DESCRIPTION FROM "THEN ON TRACK 045.00" TO "THEN ON HEADING 045.00".

REASONS:

1, 2. ATC REQUEST.
3. CODING REQUIREMENTS.

QUALITY A CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TNNIS	FIVE	TNNIS5.TNNIS	FOUR	20 OCT 2011	

ARINC PACKET - 424-18 - SID

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        LGA   K6011310VDL  N40470138W073520696    N40470138W073520696W0120000091     NARLA GUARDIA

                 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 KLGAK6DTNNIS54RW13  010         0        VI                     1341                    18000
        SUSAP KLGAK6DTNNIS54RW13  020JUTESK6EA0E    010CF LGA K6      0910005205000039D   + 03000          220               -
        SUSAP KLGAK6DTNNIS54RW13  030TNNISK6EA0EY   010TF                                 + 05000
        SUSAP KLGAK6DTNNIS54RW13  040         0 E      VM                     0450

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLGAK6GRW13    0070031341 N40465627W073524268-0100    -0027900012000049150IIGDI1
```

QUALITY CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TNNIS	FIVE	TNNIS5.TNNIS	FOUR	20 OCT 2011	

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW13		010		VI		FB		134.1()			
	RW13	JUTES	020		CF		FB	1.0	050.0()	003.9	AA 03000	AB 220
	RW13	TNNIS	030		TF		FO	1.0			AA 05000	
	RW13		040		VM		FB		045.0()			

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
LGA	N404701.38	W0735206.96	N4047.023	W07352.116
JUTES	N404800.30	W0734525.90	N4048.005	W07345.432
TNNIS	N405246.00	W0734213.53	N4052.767	W07342.226
RW13	N404656.27	W0735242.68	N4046.938	W07352.711

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW13	00012	49

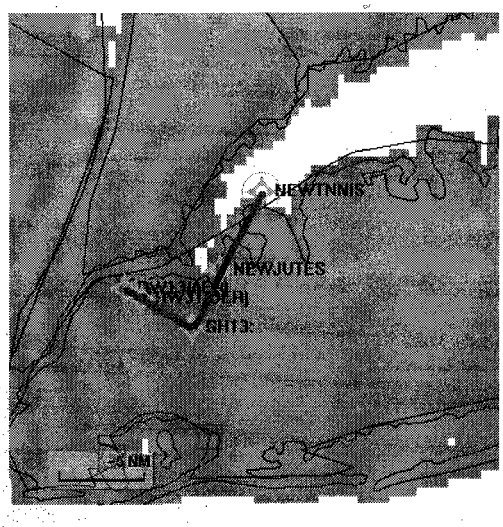
QUALITY CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TNNIS	FIVE	TNNIS5.TNNIS	FOUR	20 OCT 11	

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				

QUALITY CHECKED



Name:	RUTLEDGE JEFF
Project Name:	TNNIS
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	2/2/2011 3:12:13 PM
Input File:	TNNIS RW13 20110202...
Databases:	AVNIS Date: 09/21/2010
	NFD Date: 07/02/2009
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔	**Please Check Flyability Results**
DME/DME	✔	
Radars	✔	
Comms	?	
TERPS	?	

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Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW13(A...	WP	N 40° 46' 56.27" W 73° 52' 42.68"	11.6	VNAV	0.0	Fly By	TF
RW31(D...	WP	N 40° 46' 19.46" W 73° 51' 25.60"	41.7	VNAV	130.0	Fly Over	VI
GH13:	WP	N 40° 44' 29.37" W 73° 47' 35.33"	820.0	VNAV	145.0	Fly By	CF - 25.0°
NEWJUT...	WP	N 40° 48' 0.30" W 73° 45' 25.90"	3000.0	VNAV	220.0	Fly By	TF
NEWTNN...	WP	N 40° 52' 46.00" W 73° 42' 13.53"	5000.0	VNAV	180.0	Fly Over	TF

Flyability	Return To Summary
Settings:	**Flight Type:** Departure **Selected Airport:** KLGA **Aircraft Category:** Cat D **Climb Gradient:** *None assigned* **Ground Speeds:** Departure: **120.0 Kts** out to **10.0 NM** Table: **200.0 Kts** up to **11000.0 Ft.** **240.0 Kts** up to **18000.0 Ft.** **260.0 Kts** up to **24000.0 Ft.** **340.0 Kts** up to **99900.0 Ft.** **Wind Settings:** *None assigned* **Descent During a Turn:** Allowed **VNAV Mode:** Flight Plan
Flight Track comes into contact with terrain. Minimum AGL along route was -67.14 Ft. Flight Track contacted terrain (DTED lvl 0 max) between AER and DER or within 2/3 NM of DER.	

DME/DME

Return To Summary

Settings:

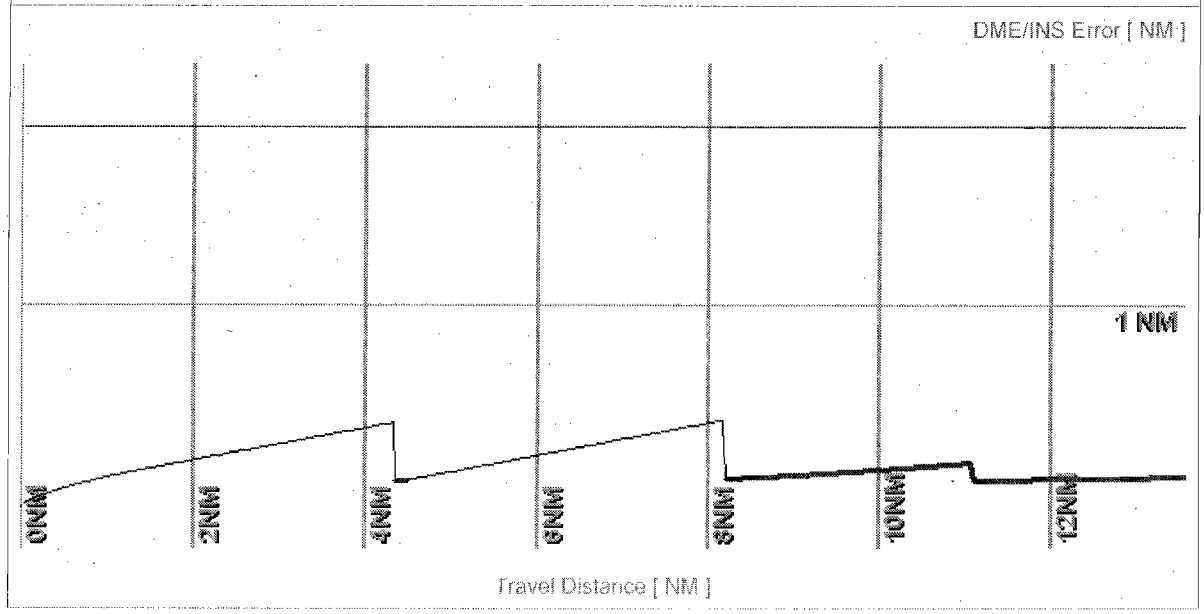
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated
Minimum MSL DMEs Avail: 715 Ft.

Total Number of DMEs Used: 4

Maximum DME Error: 0.529 NM.

No Critical DMEs were found.

Available DMEs: JFK, CRI, LGA, COL, BDR, CMK, TEB



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	CRI	N 40° 36' 44.90" W 73° 53' 40.00"	T	Database	NO	0.776	Enabled	1.0 %	1.0 %
2	LGA	N 40° 47' 1.38" W 73° 52' 6.96"	L	Database	NO	0.969	Enabled	21.6 %	22.4 %
3	JFK	N 40° 37' 58.40" W 73° 46' 17.00"	H	Database	NO	0.551	Enabled	34.4 %	39.7 %
4	TEB	N 40° 50' 55.40" W 74° 3' 44.10"	T	Database	NO	0.529	Enabled	13.8 %	18.2 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0						
1.2	CRI	JFK				
4.0	CRI	JFK	LGA	COL		
8.2	CRI	JFK	LGA	BDR	TEB	CMK

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 40° 46' 56.27" W 73° 52' 42.68"	N 40° 44' 41.91" W 73° 47' 52.72"	4.3

VOR: CMK	Available from N 40° 46' 56.27" W 73° 52' 42.68" to N 40° 44' 41.91" W 73° 47' 52.72"
VOR: COL	Available from N 40° 46' 56.27" W 73° 52' 42.68" to N 40° 44' 41.91" W 73° 47' 52.72"
VOR: CRI	Available from N 40° 46' 56.27" W 73° 52' 42.68" to N 40° 44' 41.91" W 73° 47' 52.72"
VOR: DPK	Available from N 40° 46' 56.27" W 73° 52' 42.68" to N 40° 44' 41.91" W 73° 47' 52.72"
VOR: JFK	Available from N 40° 46' 56.27" W 73° 52' 42.68" to N 40° 44' 41.91" W 73° 47' 52.72"
VOR: LGA	Available from N 40° 46' 56.27" W 73° 52' 42.68" to N 40° 44' 41.91" W 73° 47' 52.72"
VOR: SAX	Available from N 40° 46' 56.27" W 73° 52' 42.68" to N 40° 44' 41.91" W 73° 47' 52.72"
VOR: TEB	Available from N 40° 46' 56.27" W 73° 52' 42.68" to N 40° 44' 41.91" W 73° 47' 52.72"
VOR: BDR	Available from N 40° 45' 23.34" W 73° 49' 28.17" to N 40° 44' 41.91" W 73° 47' 52.72"

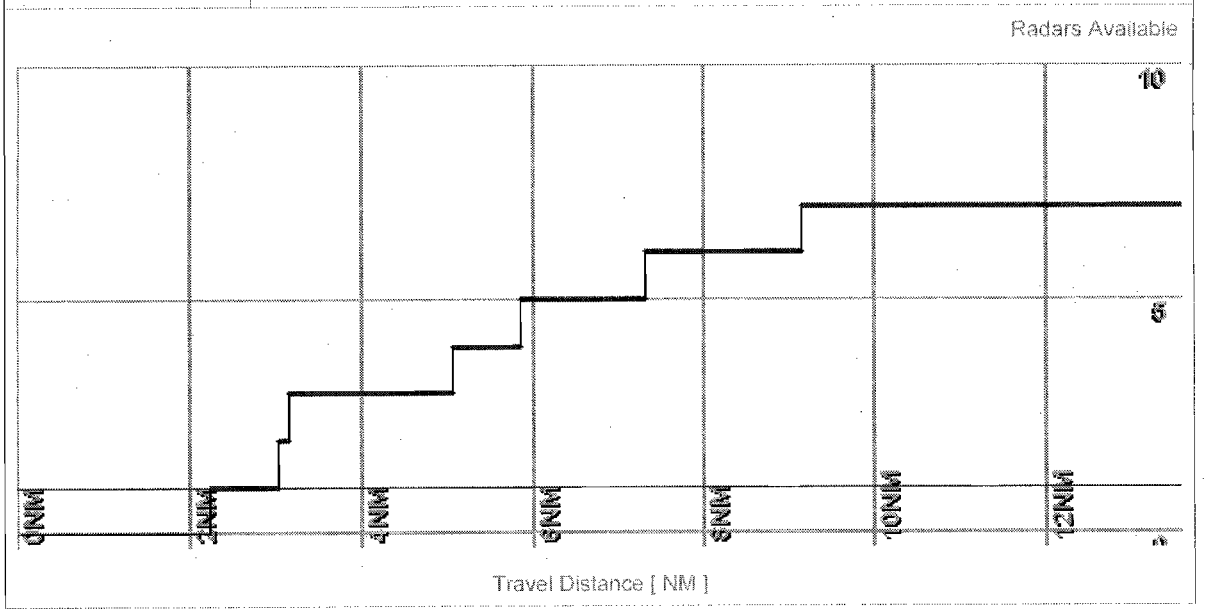
DME/DME (Continued.)

Return To Summary

Inertial Drift Segments (Continued.)

#	Start Location	End Location	Length [NM]
2	N 40° 44' 42.68" W 73° 47' 39.66"	N 40° 47' 57.17" W 73° 45' 27.70"	3.7
	VOR: BDR	Available from N 40° 44' 42.68" W 73° 47' 39.66" to N 40° 47' 57.17" W 73° 45' 27.70"	
	VOR: CMK	Available from N 40° 44' 42.68" W 73° 47' 39.66" to N 40° 47' 57.17" W 73° 45' 27.70"	
	VOR: COL	Available from N 40° 44' 42.68" W 73° 47' 39.66" to N 40° 47' 57.17" W 73° 45' 27.70"	
	VOR: CRI	Available from N 40° 44' 42.68" W 73° 47' 39.66" to N 40° 47' 57.17" W 73° 45' 27.70"	
	VOR: DPK	Available from N 40° 44' 42.68" W 73° 47' 39.66" to N 40° 47' 57.17" W 73° 45' 27.70"	
	VOR: JFK	Available from N 40° 44' 42.68" W 73° 47' 39.66" to N 40° 47' 57.17" W 73° 45' 27.70"	
	VOR: LGA	Available from N 40° 44' 42.68" W 73° 47' 39.66" to N 40° 47' 57.17" W 73° 45' 27.70"	
	VOR: SAX	Available from N 40° 44' 42.68" W 73° 47' 39.66" to N 40° 47' 57.17" W 73° 45' 27.70"	
	VOR: TEB	Available from N 40° 44' 42.68" W 73° 47' 39.66" to N 40° 47' 57.17" W 73° 45' 27.70"	

Radar Analysis

Return To Summary

Settings: **Radar Types:** ARSR and ASR