

FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STANDARD TERMINAL ARRIVAL (STAR)

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.

Arrival Name APPLE (RNAV)	Number TWO	STAR Computer Code RUUTH.APPLE2	Superseded Number ONE	Dated 11/05/2020	Effective Date
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TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
SHLBK	SHLBK.APPLE2	SHLBK	SHLBK						
			LOUIE	033.10	17.64	10000	2100		AT 13000
			BACKY	034.69	26.24	10000	2100		
			ODESA	034.62	30.89	10000	2100		
			DQO VORTAC	054.53	15.21	10000	2100		
			RUUTH	081.63	29.94	6000	2100		
SWANN	SWANN.APPLE2	SWANN	SWANN						
			GATBY	054.29	08.89	10000	2100		
			KERNO	054.36	03.97	10000	2100		
			ODESA	054.42	14.74	10000	2100		
			DQO VORTAC	054.53	15.21	10000	2100		
			RUUTH	081.63	29.94	6000	2100		

ARRIVAL ROUTE DESCRIPTION:

FROM RUUTH ON TRACK 059.62/11.46 TO WNDYL, THEN ON TRACK 059.74/5.00 TO CROSS BRAND AT 8000, THEN ON TRACK 059.80/5.25 TO KORRY, THEN ON TRACK 059.84/9.70 TO DEPDY, THEN ON TRACK 056.01/7.28 TO TYKES, THEN ON TRACK 056.07/7.12 TO MINKS, THEN ON TRACK 056.14/2.99 TO JERZY, THEN ON TRACK 056.17/9.03 TO RENUE, THEN ON TRACK 044.85/2.68 TO APPLE, THEN ON TRACK 044.88/5.26 TO PROUD, THEN ON TRACK 044.97/10.98 TO VADDR, THEN ON TRACK 044.97. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: TURBOPROP AIRCRAFT ONLY.

NOTE: JET AIRCRAFT PERMITTED FOR ARRIVAL FROM KPHL/PHL SATELLITE AIRPORTS ONLY.

FIXES AND/OR HOLDING PATTERNS:

- CHART HOLDING AT BACKY: HOLD SW, RT, 036.00 INBOUND, 7 NM LEGS.
- CHART HOLDING AT BRAND: HOLD SW, RT, 060.00 INBOUND, 4 NM LEGS, 210 KIAS.
- CHART HOLDING AT DEPDY: HOLD SW, RT, 056.00 INBOUND, 4 NM LEGS, 210 KIAS.
- CHART HOLDING AT DQO VORTAC: HOLD SW, LT, 055.00 INBOUND, 4 NM LEGS.
- CHART HOLDING AT JERZY: HOLD SW, LT, 057.00 INBOUND, 4 NM LEGS, 210 KIAS.
- CHART HOLDING AT KERNO: HOLD SW, RT, 055.00 INBOUND, 7 NM LEGS, 210 KIAS.



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CHART HOLDING AT PROUD: HOLD SW, LT, 045.00 INBOUND, 4 NM LEGS, 200 KIAS.
 CHART HOLDING AT RUUTH: HOLD W, LT, 082.00 INBOUND, 4 NM LEGS.
 CHART HOLDING AT WNDYL: HOLD SW, RT, 060.00 INBOUND, 4 NM LEGS, 210 KIAS.

COMMUNICATIONS:

CHART PHILADELPHIA APP CON
 CHART POTOMAC APP CON
 CHART NEW YORK APP CON

AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
KLGA	NEW YORK	NY

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

THE ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
 MAG VAR: KLGA 12W/1980
 CHART AT VADDR TERMINUS: LDG KLGA

FLIGHT INSPECTED BY:

BOB S PRESSLER

ORGANIZATION: DATE:

FPO 03/16/2023

Flight Inspected Signature:

Digitally signed by

ALLAN WILL

Mar 16, 2023

DEVELOPED BY:

BOYD STUCKEY

AJV-A423 01/17/2023

Developed By Signature:

Digitally signed by

ALLAN WILL

Mar 16, 2023

APPROVED BY:

ALLAN WILL

AJV-A423

Approved By Signature:

Digitally signed by

ALLAN WILL

Mar 16, 2023

CHANGES:

1. CHANGE ALL MOCA VALUES TO 2100.
2. ARRIVAL ROUTE DESCRIPTION: DELETED THEN ON TRACK 056.14/3.00 TO DAMYR; ADDED THEN ON TRACK 056.14/2.99 TO JERZY.
3. PROCEDURE DATA NOTES: CHANGED FROM TURBROJET TO JET AIRCRAFT.



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APPLE (RNAV)	TWO	RUUTH.APPLE2	ONE	11/05/2020	

4. REMOVED AIRPORT NAMES FROM AIRPORTS SERVED.

5. FIXES AND/OR HOLDING PATTERNS: DELETED CHART HOLDING AT DAMYR: HOLD SW, LT, 057.00 INBOUND, 4 NM LEGS, 210 KIAS; ADDED: CHART HOLDING AT JERZY: HOLD W, LT, 057.00 INBOUND, 4 NM LEGS, 210 KIAS; CHANGED FROM CHART HOLDING AT PROUD: HOLD SW, LT, 045.00 INBOUND, 4 NM LEGS, 210 KIAS TO CHART HOLDING AT PROUD: HOLD SW, LT, 045.00 INBOUND, 4 NM LEGS, 200 KIAS.

6. ADDITIONAL FLIGHT DATA: CHANGED FROM REFERENCE MAGNETIC VARIATION = KLGA 12W/1980 TO MAG VAR: KLGA 12W/1980.

REASONS:

1. 89260.3E, 2-2-7, d (3).
- 2-5. ATC REQUEST, AIRSPACE CONSTRAINTS.
3. 8260.19I, 4-5-12, d (4).
4. 8260.19I, 4-5-12, g.
6. 8260.19I, 4-5-12, j (2).

02/15/2023: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/17/2023.

1. PROCEDURE DATA NOTES: CHANGED FROM JET AIRCRAFT ONLY TO TURBOPROP AIRCRAFT ONLY.

03/14/23: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/17/23.

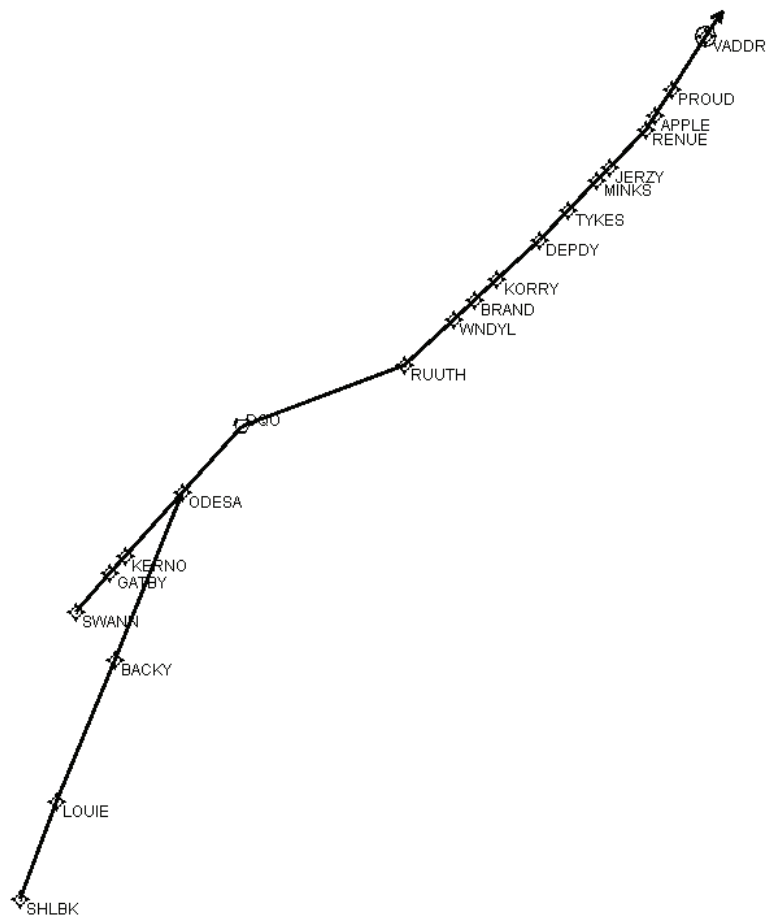
1. FIXES AND/OR HOLDING PATTERNS: CHANGE FROM CHART HOLDING AT KERNO: HOLD SW, RT, 055.00 INBOUND, 7 NM LEGS. TO CHART HOLDING AT KERNO: HOLD SW, RT, 055.00 INBOUND, 7 NM LEGS, 210 KIAS.



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FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STAR (DATA RECORD)

Arrival Name APPLE (RNAV)	Number TWO	STAR Computer Code RUUTH.APPLE2		Superseded Number ONE	Dated 11/05/2020	Effective Date			
<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>
En Route Transition									
SHLBK	382016.21N / 0762610.51W	Y		IF					SHLBK.APPLE2
LOUIE	383644.33N / 0761804.37W	Y	FB	TF	021.10	17.64	AT 13000		
BACKY	390057.71N / 0760504.92W	Y	FB	TF	022.69	26.24			
ODESA	392929.00N / 0754944.37W	Y	FB	TF	022.62	30.89			
DQO VORTAC	394041.30N / 0753625.51W	Y	FB	TF	042.53	15.21			
RUUTH	395101.24N / 0745959.17W	Y	FB	TF	069.63	29.94			
En Route Transition									
SWANN	390905.28N / 0761343.94W	Y		IF					SWANN.APPLE2
GATBY	391540.02N / 0760601.84W	Y	FB	TF	042.29	08.89			
KERNO	391836.25N / 0760234.92W	Y	FB	TF	042.36	03.97			
ODESA	392929.00N / 0754944.37W	Y	FB	TF	042.42	14.74			
DQO VORTAC	394041.30N / 0753625.51W	Y	FB	TF	042.53	15.21			
RUUTH	395101.24N / 0745959.17W	Y	FB	TF	069.63	29.94			
Common Route									
RUUTH	395101.24N / 0745959.17W	Y		IF					RUUTH.APPLE2
WNDYL	395844.47N / 0744858.56W	Y	FB	TF	047.62	11.46			
BRAND	400206.28N / 0744409.50W	Y	FB	TF	047.74	05.00	AT 8000		
KORRY	400537.83N / 0743905.56W	Y	FB	TF	047.80	05.25			
DEPDY	401208.25N / 0742942.67W	Y	FB	TF	047.84	09.70			
TYKES	401722.38N / 0742306.13W	Y	FB	TF	044.01	07.28			
MINKS	402229.54N / 0741637.10W	Y	FB	TF	044.07	07.12			
JERZY	402438.34N / 0741353.52W	Y	FB	TF	044.14	02.99			
RENUE	403106.72N / 0740538.72W	Y	FB	TF	044.17	09.03			
APPLE	403322.09N / 0740344.11W	Y	FB	TF	032.85	02.68			
PROUD	403747.25N / 0735959.12W	Y	FB	TF	032.88	05.26			
VADDR	404700.20N / 0735207.00W	Y	FO	TF	032.97	10.98			
KLGA				FM	032.97				

