

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.
Distances are in nautical miles (NM). Graphic depictions attached.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
APPLE (RNAV)	ONE	RUUTH.APPLE1	NONE		5 NOV 2020

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
SHLBK	SHLBK.APPLE1	SHLBK	SHLBK						
			LOUIE	033.10	17.64	10000	1600		AT 13000
			BACKY	034.69	26.24	10000	1600		
			ODESA	034.62	30.89	10000	1500		
			DQO VORTAC	054.53	15.21	10000	1600		
			RUUTH	081.63	29.94	6000	2100		
SWANN	SWANN.APPLE1	SWANN	SWANN						
			GATBY	054.29	08.89	10000	1500		
			KERNO	054.36	03.97	10000	1400		
			ODESA	054.42	14.74	10000	1300		
			DQO VORTAC	054.53	15.21	10000	1600		
			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 056.14/3.00 TO DAMYR, THEN ON TRACK 056.17/9.02 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.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED

NOTE: RNAV 1

NOTE: DME/DME/IRU OR GPS REQUIRED

NOTE: TURBOPROP AIRCRAFT ONLY.

NOTE: TURBOJETS 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 DAMYR: HOLD SW, LT, 057.00 INBOUND, 4 NM LEGS, 210 KIAS.

CHART HOLDING AT DQO VORTAC: HOLD SW, LT, 055.00 INBOUND, 4 NM LEGS.

CHART HOLDING AT KERNO: HOLD SW, RT, 055.00 INBOUND, 7 NM LEGS.

CHART HOLDING AT PROUD: HOLD SW, LT, 045.00 INBOUND, 4 NM LEGS, 210 KIAS.

CHART HOLDING AT RUUTH: HOLD W, LT, 082.00 INBOUND, 4 NM LEGS.

CHART HOLDING AT DEPDY: HOLD SW, RT, 056.00 INBOUND, 4 NM LEGS, 210 KIAS.

CHART HOLDING AT WNDYL: HOLD SW, RT, 060.00 INBOUND, 4 NM LEGS, 210 KIAS.



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.
Distances are in nautical miles (NM). Graphic depictions attached.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
APPLE (RNAV)	ONE	RUUTH.APPLE1	NONE		5 NOV 2020

COMMUNICATIONS:

PHILADELPHIA APP CON.
POTOMAC TRACON.
NEW YORK APP CON.
LAGUARDIA ATIS.

AIRPORTS SERVED:

LAGUARDIA, NEW YORK, NY (KLGA)

LOST COMMUNICATIONS PROCEDURE:REMARKS:ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
REFERENCE MAGNETIC VARIATION = KLGA 12W/1980
CHART AT VADDR TERMINUS: LDG KLGA

FLIGHT INSPECTED BY:

DURLEY J FELDER
Name

FICO
Organization

3/16/20
Date

Digitally signed by

DONALD H LANIER

Mar 24, 2020

Signature

DEVELOPED BY:

Joey Tinsley
Name

FAA Eastern PBN Co-Lead
Organization

01/29/2020
Date

Digitally signed by

DONALD H LANIER

Mar 24, 2020

Signature

APPROVED BY:

PAT MULQUEEN, MANAGER
Name

AJV-A440
Organization

Date

Digitally signed by

DONALD H LANIER

Mar 24, 2020

Signature

CHANGES:REASONS:

03/20/20: THIS IS AN UPDATED COPY OF THE FORM APPROVED ON 02/03/20.

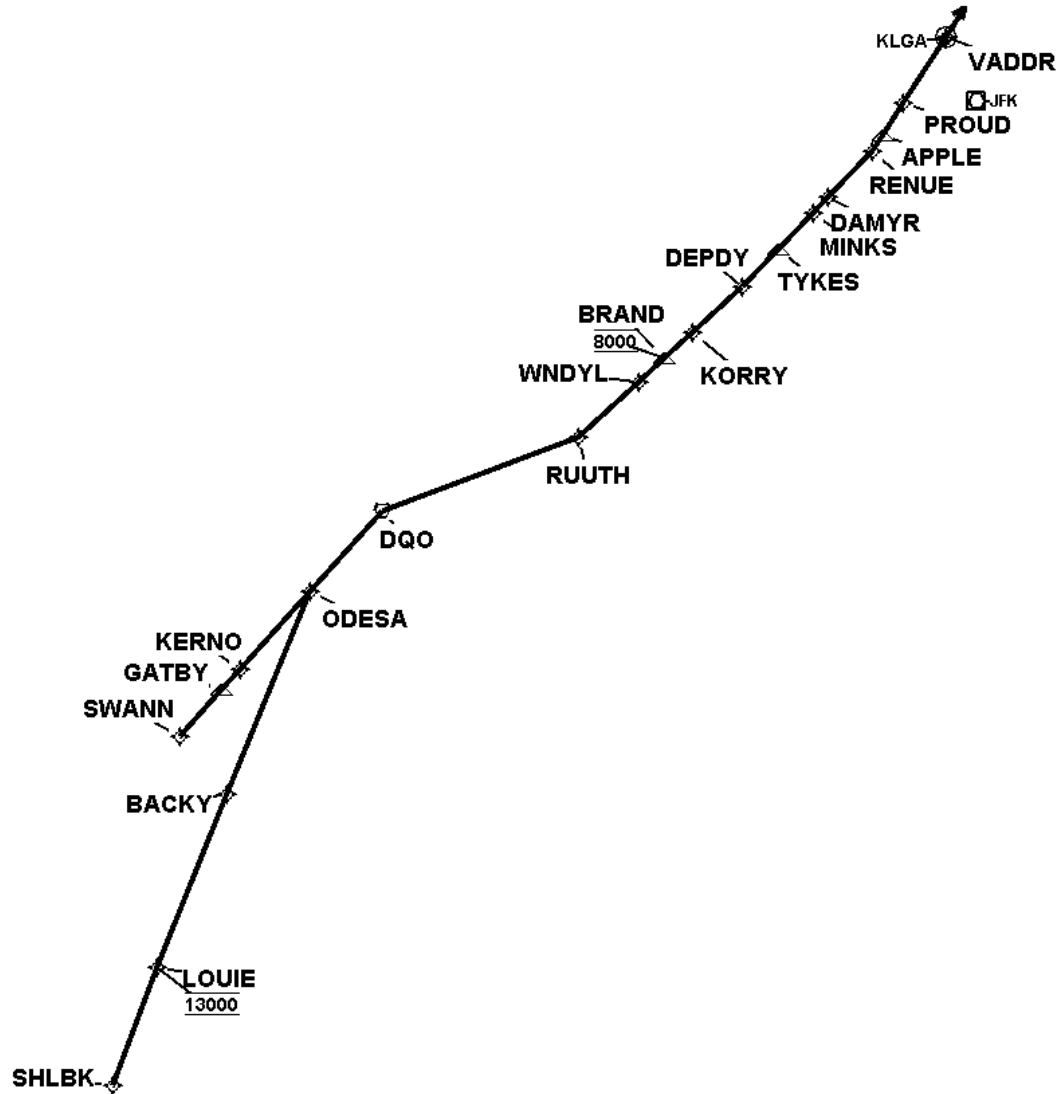
1. DELETED NOTE: CHART 210 KIAS HOLDING AT FIXES WNDYL, BRAND, DEPDY, DAMYR, PROUD IN ADDITIONAL FLIGHT DATA

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.
Distances are in nautical miles (NM). Graphic depictions attached.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
APPLE (RNAV)	ONE	RUUTH.APPLE1	NONE		5 NOV 2020

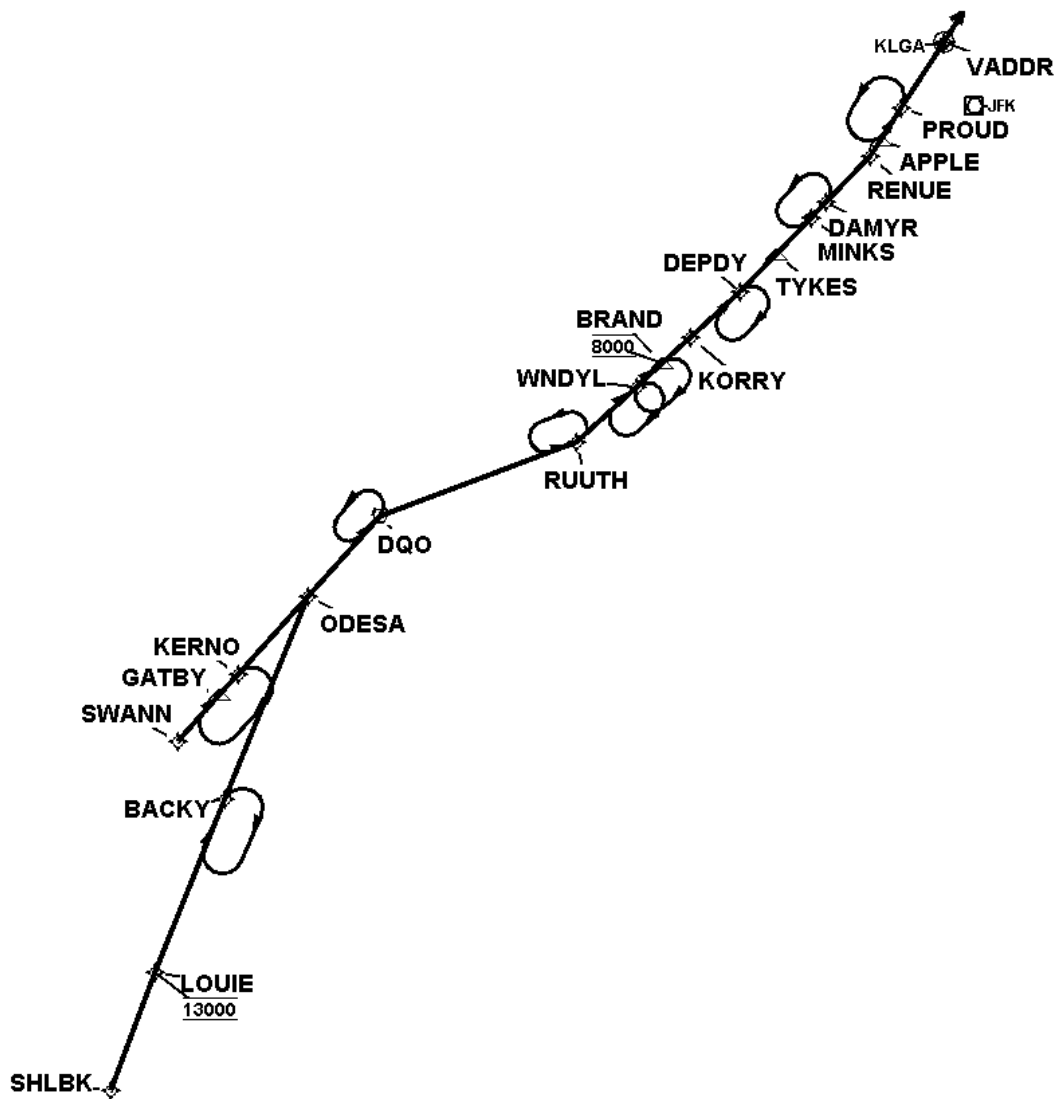
Graphic Depiction 1



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.
Distances are in nautical miles (NM). Graphic depictions attached.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
APPLE (RNAV)	ONE	RUUTH.APPLE1	NONE		5 NOV 2020
Graphic Depiction 2					



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name APPLE (RNAV)		Number ONE		STAR Computer Code RUUTH.APPLE1		Superseded Number NONE		Dated	Effective Date 5 NOV 2020
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
SHLBK	382016.21N / 0762610.51W	Y		IF					SHLBK.APPLE1
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.APPLE1
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.APPLE1
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			
DAMYR	402438.77N / 0741352.98W	Y	FB	TF	044.14	03.00			
RENUE	403106.72N / 0740538.72W	Y	FB	TF	044.17	09.02			
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				

QUALITY
18
CHECKED

