

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.  
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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
HAARP	FOUR	VALRE.HAARP4	THREE	10/17/2013	30 NOV 2023

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
ALBANY	ALB.HAARP4	ALB VORTAC	ALB VORTAC						
		ALB VORTAC	STOTT	184.18 (ALB R-184)	25.00	8000	3700		
		STOTT	PWL VOR/DME	183.31 (PWL R-003)	34.32	5000	3700		
		PWL VOR/DME	IGN VOR/DME	249.94 & 249.79 (PWL R-250 & IGN R-070)	11.76	5000	3700		
		IGN VOR/DME	VALRE	203.01 (IGN R-203)	14.06	5000	3300		
ROCKDALE	RKA.HAARP4	RKA VOR/DME	RKA VOR/DME						
		RKA VOR/DME	PETER	127.17 (RKA R-127)	35.21	10000	6100		
		PETER	CYPER	127.17 (RKA R-127)	12.83	10000	6100		
		CYPER	TRESA	136.24 (PWL R-316)	24.55	7000	6100		
		TRESA	IGN VOR/DME	192.73 (IGN R-013)	12.89	5000	3700		
		IGN VOR/DME	VALRE	203.01 (IGN R-203)	14.06	5000	3300		

ARRIVAL ROUTE DESCRIPTION:

FROM OVER VALRE ON DPK R-338 TO BASYE, THEN TO HAARP (MEA 5,000), THEN ON LGA R-044 TO CRALY (MEA 4,000), THEN TO LGA VOR/DME (MEA 3,000). EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

DME REQUIRED

PROCEDURAL DATA NOTES:

NOTE: STAR APPLICABLE TO JET AND NON-JET AIRCRAFT CAPABLE OF OPERATING AT 250 KIAS OR GREATER.

NOTE: JET AIRCRAFT EXPECT TO CROSS CYPER AT LOWEST USEABLE FLIGHT LEVEL.

NOTE: JET AIRCRAFT EXPECT TO CROSS BASYE AT 8000.

QUALITY  
14  
CHECKED

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**FIXES AND/OR HOLDING PATTERNS:**

CHART HOLDING AT CRALY: HOLD NE, LT, 224.00 INBOUND, 210 KIAS.  
CHART HOLDING AT IGN VOR/DME: HOLD N, RT, 192.74 INBOUND, 10 NM LEGS.  
CHART HOLDING AT RKA VOR/DME: HOLD NW, LT, 133.00 INBOUND, 10 NM LEGS.  
CHART HOLDING AT VALRE: HOLD NE, RT, 203.00 INBOUND, 10 NM LEGS, 210 KIAS.  
CHART: CHESTER (CTR) VOR/DME, DEER PARK (DPK) VOR/DME, HUGUENOT (HUO) VOR/DME.

**COMMUNICATIONS:**

CHART: BOSTON ARTCC, NEW YORK APP CON

**AIRPORTS SERVED:**

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KLGA	NEW YORK	NY

**LOST COMMUNICATIONS PREFERENCES:****REMARKS:**

ABBREVIATED AMENDMENT TO ADD EXISTING HOLDING PATTERN TO IGN VOR/DME.

**ADDITIONAL FLIGHT DATA:****FLIGHT INSPECTED BY:****ORGANIZATION:** **DATE:**

Processed IAW Technical Support Group (AJF-17) Memo dated, Subject: Guidance for Procedural Changes Flight Inspected Signature:  
Requiring Flight Inspection/Validation

**DEVELOPED BY:**

PARNELL PRASSADA

AJV-A431

7/5/2023

Developed By Signature:

*Digitally signed by***DAVID TEFFETELLER**

Jul 24, 2023

*Digitally signed by***PARNELL R PRASSADA**

Jul 19, 2023

**APPROVED BY:**

JOHNNIE BAKER

AJV-A430

Approved By Signature:

*Digitally signed by***DAVID TEFFETELLER**

Jul 24, 2023

**CHANGES:**

1. UPDATED TRANSITION ROUTES' COURSE AND DISTANCE.
2. REMOVED "INT" AND "VIA" FROM ARRIVAL ROUTE AND FIX DESCRIPTION.
3. ADDED MOCA TO ALL TRANSITION ROUTES.
4. RELOCATED "RADAR REQUIRED" AND "DME REQUIRED" TO EQUIPMENT REQUIREMENT NOTES.
5. CHANGED "TURBOJET" TO "JET" IN PROCEDURAL DATA NOTES.
6. CHANGED "NOTE: JET AIRCRAFT EXPECT TO CROSS BASYE AT 9000 TO "NOTE: JET AIRCRAFT EXPECT TO CROSS BASYE AT 8000."

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7. ADDED "CHART HOLDING AT IGN VOR/DME: HOLD N, RT, 192.74 INBOUND, 10 NM LEGS" TO FIXES AND HOLDING PATTERN.
8. REMOVED ATIS FREQUENCY FROM COMMUNICATIONS.
9. REMOVED AIRPORT NAME FROM AIRPORT SERVED.
10. ADDED "ABBREVIATED AMENDMENT TO ADD PREVIOUSLY EXISTING HOLDING PATTERN TO IGN VOR/DME".

**REASONS:**

1. REVISED TARGETS COMPUTATION.
2. IAW 8260.19I, 4-5-12
3. IAW MEMORANDUM "CLARIFICATION TO FAA ORDER 8260.19, FLIGHT PROCEDURES AND AIRSPACE, STAR MOCA DOCUMENTATION," DATED JULY 1, 2021.
4. IAW 8260.19I, 4-5-12
5. IAW 8260.19I, 4-5-3
6. INCORRECTLY DEPICTED ON 17.1 FORM.
7. PER ATC REQUEST.
- 8-10. IAW 8260.19I, 4-5-12



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**Graphic Depiction 1**