

US DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION  
**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 depiction attached.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
NORWICH	SEVEN	ORW. ORW7	SIX	03/07/2013	21 JUL 2016

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
<b>Transition Routes:</b>									
CALVERTON	CCC. ORW7	CCC VOR/DME	ORW VOR/DME	056.65 & 058.18 (CCC R-057 & ORW R-238)	52.17	11000			
		ORW VOR/DME	OUTTT/ORW 7.38 DME	082.30 (ORW R-082)	7.38	11000			
		OUTTT/PVD 20.16 DME	PVD VOR/DME	082.76 (PVD R-263)	20.16	11000			
HAMPTON	HTO. ORW7	HTO VORTAC	PVD VOR/DME	052.41 & 054.00 (HTO R-052 & PVD R-234)	62.77	11000			
KENNEDY	JFK. ORW7	JFK VOR/DME	GPOLE/JFK 14.98 DME	060.00 (JFK R-060)	14.98	FL180			
		GPOLE/JFK 14.98 DME	NEWES/JFK 20.00 DME	060.00 (JFK R-060)	5.02	FL180			
		NEWES/JFK 20.00 DME	BAWLL INT/JFK 53.39 DME	060.00 (JFK R-060)	33.39	FL180			
		BAWLL INT/JFK 53.39 DME	RAALF INT/JFK 59.96 DME	060.00 (JFK R-060)	6.57	FL180			
		RAALF INT/ORW 38.75 DME	ORW VOR/DME	080.67 (ORW R-261)	38.75	11000			
		ORW VOR/DME	OUTTT/ORW 7.38 DME	082.30 (ORW R-082)	7.38	11000			
		OUTTT/PVD 20.16 DME	PVD VOR/DME	082.76 (PVD R-263)	20.16	11000			

**ARRIVAL ROUTE DESCRIPTION:**

FROM OVER PVD VOR/DME ON PVD VOR/DME R-074.17/15.82 NM TO KRANN/PVD 15.82 DME (MEA 5000), EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

**PRODEDURAL DATA NOTES:**

NOTE: FOR TURBOJET AIRCRAFT ONLY. NOTE: DME AND RADAR REQUIRED. NOTE: EXPECT TO CROSS GPOLE AT OR BELOW FL270. NOTE: EXPECT TO CROSS BAWLL AT FL230. NOTE: LANDING RWY 4L/4R: EXPECT TO CROSS PVD VOR/DME AT 11000 AND 250 KIAS. ALL OTHER RUNWAYS: EXPECT TO CROSS KRANN AT 11000 AND 270 KIAS. NOTE: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE PRIOR TO KRANN.

**FIXES AND/OR HOLDING PATTERNS:**

CHART HOLDING PATTERN: PVD VOR/DME (HOLD SW, RT, 054.00 INBOUND, 7 NM LEG).

**COMMUNICATIONS:**

CHART: BOSTON CENTER 124.84; BOSTON APP CON 120.6, 263.1; GENERAL EDWARD LAWRENCE LOGAN INTL ATIS ARRIVAL.

QUALITY  
24  
CHECKED

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**AIRPORTS SERVED:**

GENERAL EDWARD LAWRENCE LOGAN INTL

BOSTON, MA

**LOST COMMUNICATIONS PROCEDURE:****REMARKS:**

NORWICH SEVEN DOES NOT MEET PERIODIC REVIEW REQUIREMENT.

**ADDITIONAL FLIGHT DATA:**

CHART: HTO R-318 AT BAWLL; BOS R-208 AT KRANN.

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**CHANGES:**

CHANGED PVD VORTAC TO PVD VOR/DME

ADDED REMARK "NORWICH SEVEN DOES NOT MEET PERIODIC REVIEW REQUIREMENT".

**REASONS:**

TACAN ANTENNA REPLACED WITH DME

MINOR AMENDMENT DOES NOT QUALIFY AS A PERIODIC REVIEW.