

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
DELRO	FOUR	DELRO.DELRO4	THREE	08/20/2015	15 SEP 2016

Transition Routes:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
LANCASTER	LRP.DELRO4	LRP VOR/DME	LRP VOR/DME						
			JOANE	248.07 (LRP R-248)	8.85	10000	3000		
			DELRO	248.07 (LRP R-248)	9.12	10000	3900		
MODENA	MXE.DELRO4	MXE VORTAC	MXE VORTAC						
			DELRO	283.00 (MXE R-283)	44.14	10000	3900		

ARRIVAL ROUTE DESCRIPTION:

FROM DELRO ON LRP R-248.07/16.03 TO LIRCH (MEA 7000/MOCA 3600), THEN ON LRP R-248.07/4.81 TO BINNS (MEA 7000/MOCA 3600), THEN ON LRP R-248.07/11.61 TO HYPER (MEA 7000/MOCA 3200), THEN ON FDK R-031.10/17.71 TO FDK VOR (MEA 6000/MOCA 3000), THEN ON FDK R-184.86/4.44 TO TWEAK (MEA 5000/MOCA 2900), THEN ON FDK R-184.86/10.44 TO HUSEL (MEA 4000/MOCA 3500), THEN ON BRV R-008.74/24.64 TO IVVVY (MEA 3000), THEN ON HEADING 190.00 OR AS ASSIGNED BY ATC.

LANDING RWYS 01R, 01C, 01L, AND 30: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER IVVVY.

LANDING RWYS 19R, 19C, 19L, AND 12: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE PRIOR TO FDK VOR.

PRODEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: TURBOJETS EXPECT TO CROSS LIRCH AT 14000.

NOTE: TURBOJETS EXPECT TO CROSS HYPER AT 10000.

NOTE: NON-TURBOJET EXPECT TO CROSS HYPER AT 8000.

NOTE: FOR AIRCRAFT CAPABLE OF 180 KIAS OR GREATER.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT BINNS: E, RT, 248.07 INBOUND, 265 KIAS.

CHART HOLDING AT HYPER: NE, LT, 245.08 INBOUND, 210 KIAS.

COMMUNICATIONS:

POTOMAC APP CON 133.0/288.35.

DULLES ATIS 134.85.

DULLES TOWER: 120.1/317.8 (RWY 1R/19L), 120.25/348.6 (RWY 1C/19C), 134.425/348.6 (RWY 1L/19R, 12/30).

AIRPORTS SERVED:

WASHINGTON DULLES INTL (IAD)

WASHINGTON, DC

LOST COMMUNICATIONS PROCEDURE:

QUALITY
24
CHECKED

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REMARKS:

DELRO FOUR AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

ADDITIONAL FLIGHT DATA:

CHART: R-4009, P-40.

CHART: RAV R-193 AT DELRO, BAL R-013 AT DELRO, DQO R-309 AT JOANE, EMI R-015 AT LIRCH, EMI R-003 AT BINNS, EMI R-323 AT HYPER, EMI R-251 AT TWEAK, MRB R-065 AT HYPER, BAL R-281 AT HUSEL, DCA R-256 AT IVVVY, BRV R-009 AT IVVVY.

CHART: LRP DME AT JOANE, DELRO, LIRCH, BINNS, HYPER.

CHART: MXE DME AT DELRO.

CHART: MRB DME AT HYPER.

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CHANGES:

1. CHANGED LRP VORTAC TO LRP VOR/DME.
2. ADDED REMARK, "DELRO FOUR AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS."

REASONS:

1. TACAN ANTENNA REPLACED WITH DME.
2. MINOR AMENDMENT DOES NOT QUALIFY AS A PERIODIC REVIEW.