

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Arrival Name IRONS	Number SEVEN	STAR Computer Code IRONS.IRONS7	Superseded Number SIX	Dated 04 FEB 2016	Effective Date 15 SEP 2016
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TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
RICHMOND	RIC.IRONS7	RIC VORTAC	RIC VORTAC						
		RIC VORTAC	EPICS	18.29 (RIC R-018)	17.27	8000	2000		
		EPICS	PEGBY	18.29 (RIC R-018)	17.73	8000	1600		
		PEGBY	OJAAY	18.29 (RIC R-018)	13.00	4500	1700		
		OJAAY	IRONS	18.46 (DCA R-198)	14.49	4500	1600		

ARRIVAL ROUTE DESCRIPTION:

From IRONS (MEA 2500)....

LANDING SOUTH: Then on DCA R-198.46/12.95 to SAMMO (MEA 2500), Then on 320.00 heading or assigned by ATC (MEA 2500),
 Expect radar vectors to final approach course.
 LANDING NORTH: Expect radar vectors to final approach course.

PROCEDURAL DATA NOTES:

- NOTE: RADAR REQUIRED.
- NOTE: AIRCRAFT USE DCA ATIS TO DETERMINE THE DIRECTION OF LANDING PRIOR TO IRONS.
- NOTE: PROHIBITED AREA (P-56) 1.5NM NORTH OF DCA-AVOID-SURFACE TO 18000 MSL.
- NOTE: TURBOJET VERTICAL NAVIGATION PLANNING:
 EXPECT to CROSS PEGBY at 13000.
- NOTE: TURBOJET VERTICAL NAVIGATION PLANNING
 EXPECT to CROSS OJAAY at 10000 and Expect 250 KIAS in a North Operation.

FIXES AND/OR HOLDING PATTERNS:

Chart Holding at PEGBY: SE, RT, 018.29 inbound, 210 KIAS.
 Chart Holding at IRONS: SE, RT, 018.46 inbound, 210 KIAS.

COMMUNICATIONS:

POTOMAC APPROACH: 119.85/319.1
 RONALD REAGAN WASHINGTON NATIONAL ATIS 132.65

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IRONS	SEVEN	IRONS.IRONS7	SIX	04 FEB 2016	15 SEP 2016

AIRPORTS SERVED:

Airport Name	RONALD REAGAN WASHINGTON NATIONAL (DCA)	City/State	WASHINGTON, DC
Airport Name		City/State	

LOST COMMUNICATIONS PROCEDURE:

REMARKS:

ADDITIONAL FLIGHT DATA:

CHART: P56, CSN R-086 at SAMMO, CSN R-106 at IRONS, CSN R-128 at OJAAY, CSN R-143 at PEGBY, GVE R-091 at PEGBY, FAK R-066 at EPICS, HCM R-315 at EPICS.



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CHANGES:

1. Raised MEAs RIC VORTAC-EPICS-PEGBY from 4500 to 8000.

REASONS:

1. MEAs inadvertently lowered on the IRONS SIX corrected back to MEAs from IRONS FIVE.

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STAR (DATA RECORD)

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IRONS	SEVEN	IRONS.IRONS7	SIX	04 FEB 2016	15 SEP 2016

ARINC SUMMARY - KDCA

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
RIC	010	RIC	IF	FB										V
RIC	020	EPICS	TF	FB										E
RIC	030	PEGBY	TF	FB										E H
RIC	040	OJAAY	TF	FB										E
RIC	050	IRONS	TF	FB										EE H
RW15	010	IRONS	IF	FB										E H
RW15	020	SAMMO	TF	FO										EY
RW15	030	KDCA	VM	FB		320.0								AE
RW19	010	IRONS	IF	FB										E H
RW19	020	SAMMO	TF	FO										EY
RW19	030	KDCA	VM	FB		320.0								AE
RW22	010	IRONS	IF	FB										E H
RW22	020	SAMMO	TF	FO										EY
RW22	030	KDCA	VM	FB		320.0								AE

POINTS

POINT NAME	LATITUDE	LONGITUDE
RIC	N373008.46	W0771913.00
EPICS	N374712.26	W0771541.98
IRONS	N383151.96	W0770621.94
OJAAY	N381733.47	W0770922.64
PEGBY	N380443.14	W0771203.80
SAMMO	N384439.30	W0770339.43

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW15	N385140.18	W0770235.87	00014
RW19	N385140.29	W0770219.41	00012
RW22	N385112.64	W0770201.97	00011

