

**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.  
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
<b>CLIPR (RNAV)</b>	<b>TWO</b>	<b>CLIPR.CLIPR2</b>	<b>ONE</b>	<b>12/10/2015</b>	<i>29 MAR 2018</i>

**TRANSITION ROUTES:**

Transition Name	Transition Computer Code	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitude/Fixes
MODENA	MXE.CLIPR2	MXE VORTAC	MXE VORTAC						
			NUGGY	247.00	18.72	11000			
			TROYZ	246.79	6.28	11000			
			BELAY	246.72	10.24	8000			
			TRISH	225.00	6.09	8000			
			CLIPR	224.97	4.00	8000			
			BAL VORTAC	224.94	20.00	6000			
			EYESS	233.76	16.24	4000			

**ARRIVAL ROUTE DESCRIPTION:**

LANDING RWY 1: FROM OVER EYESS ON TRACK 230.39/3.18 TO BRUNC, THEN ON TRACK 192.36/9.07 TO FELTY, THEN ON TRACK 186.64/5.46 TO HITEK, THEN ON TRACK 186.93/15.78 TO CAVDI (MEA 4000). DEPART CAVDI HEADING 186.93 FOR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 19: FROM OVER EYESS ON TRACK 283.55/6.11 TO EDDWD, THEN ON TRACK 327.69/4.88 TO MEGGS, THEN ON TRACK 326.88/8.20 TO NAYES (MEA 4000). DEPART NAYES HEADING 326.88 FOR VECTORS TO FINAL APPROACH COURSE.



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**PROCEDURAL DATA NOTES:**

- NOTE: TURBOJETS: EXPECT TO CROSS TRISH AT 12000.
- NOTE: TURBOJETS: EXPECT TO CROSS BAL VORTAC AT 10000.
- NOTE: CROSS BAL VORTAC AT 250 KIAS.
- NOTE: NON-TURBOJETS: EXPECT TO CROSS NUGGY AT 11000.
- NOTE: RADAR REQUIRED.
- NOTE: PROHIBITED AREA (P-56) 1.5 NM NORTH OF DCA - AVOID SURFACE TO FL180.
- NOTE: DME/DME/IRU OR GPS REQUIRED.
- NOTE: RNAV 1.

**FIXES AND/OR HOLDING PATTERNS:**

CHART HOLDING AT: TRISH, HOLD NE, RT, 225.00 INBOUND, 7 NM LEGS, 210 KIAS; SKILS, HOLD N, RT, 195.02 INBOUND, 210 KIAS.

**COMMUNICATIONS:**

POTOMAC APP CON; KDCA ATIS.

**AIRPORTS SERVED:**

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
RONALD REAGAN WASHINGTON NATIONAL	WASHINGTON	DC



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CLIPR (RNAV)	TWO	CLIPR.CLIPR2	ONE	12/10/2015	29 MAR 2018

**LOST COMMUNICATIONS PREFERENCES:**

**REMARKS:**

ABBREVIATED AMENDMENT, DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

**ADDITIONAL FLIGHT DATA:**

DME/DME ASSESSMENT: SAT (RNP 2.0)

REFERENCE MAG VAR: KDCA 11W/2020

CHART PROHIBITED AREAS P56A AND P56B.



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<b>FLIGHT INSPECTED BY:</b>	<b>ORGANIZATION:</b>	<b>DATE:</b>	<i>Digitally signed by</i> <b>ADOLFO D URRUTIA</b>
FLIGHT INSPECTION NOT REQUIRED, MANAGER ROBERT STUCKERT	AJW-331		Jan 26, 2018
		Flight Inspected Signature:	
<b>DEVELOPED BY:</b>	<i>Digitally signed by</i> <b>SEAN BARBEE</b>		
SEAN BARBEE	AJV-5431	09/21/2017	
	Nov 14, 2017	Developed By Signature:	
<b>APPROVED BY:</b>			
PATRICK MULQUEEN	AJV-5430		
		Approved By Signature:	<i>Digitally signed by</i> <b>ADOLFO D URRUTIA</b> Jan 26, 2018

- CHANGES:**
1. INCREASED ALL MAGNETIC COURSES 2 DEGREES.
  2. CHANGED REFERENCE MAGVAR DATA FOR KDCA FROM 9W/1985 TO 11W/2020 IN ADDITIONAL FLIGHT DATA BLOCK.
  3. CHANGED RECOMMENDED NAVAID FROM DCA VOR/DME TO BAL VORTAC.

- REASONS:**
- 1, 2. KDCA MAGVAR UPDATED FROM 9W/1985 TO 11W/2020.
  3. RECOMMENDED NAVAID CHANGED TO MATCH KDCA MAGVAR OF 11W.



**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STAR (DATA RECORD)**

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
CLIPR (RNAV)	TWO	CLIPR.CLIPR2	ONE	12/10/2015	29 MAR 2018

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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**ENROUTE TRANSITION**

MXE VORTAC	395505.00N / 0754014.91W	Y		IF					MXE.CLIPR2
NUGGY	394434.56N / 0760022.21W	Y	FB	TF	236.00	18.72			
TROYZ	394102.40N / 0760705.67W	Y	FB	TF	235.79	6.28			
BELAY	393515.67N / 0761802.00W	Y	FB	TF	235.72	10.24			
TRISH	393012.43N / 0762225.99W	Y	FB	TF	214.00	6.09			
CLIPR	392653.17N / 0762519.09W	Y	FB	TF	213.97	4.00			
BAL VORTAC	391015.83N / 0763940.52W	Y	FB	TF	213.94	20.00			
EYESS	385818.75N / 0765348.84W	Y	FB	TF	222.76	16.24			

**RUNWAY TRANSITION**

EYESS	385818.75N / 0765348.84W	Y		IF					
BRUNC	385550.89N / 0765624.24W	Y	FB	TF	219.39	3.18			
FELTY	384646.15N / 0765640.79W	Y	FB	TF	181.36	9.07			
HITEK	384119.00N / 0765609.00W	Y	FB	TF	175.64	5.46			
CAVDI	382533.43N / 0765443.49W	Y	FO	TF	175.93	15.78			



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 STAR (DATA RECORD)

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
KDCA RWY 01				VM	175.93				RECOMMENDED NAVAID: BAL VORTAC
<b>RUNWAY TRANSITION</b>									
EYESS	385818.75N / 0765348.84W	Y	FB	IF					
EDDWD	385834.80N / 0770138.25W	Y	FB	TF	272.55	6.11			
MEGGS	390207.88N / 0770555.86W	Y	FB	TF	316.69	4.88			
NAYES	390801.02N / 0771315.81W	Y	FO	TF	315.88	8.20			
KDCA RWY 19				VM	315.88				RECOMMENDED NAVAID: BAL VORTAC

