

**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.

<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
<b>DEALE (RNAV)</b>	<b>THREE</b>	<b>BILIT.DEALE3</b>	<b>TWO</b>		<b>29 MAR 2018</b>

**TRANSITION ROUTES:**

Transition Name	Transition Computer Code	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitude/Fixes
LAFLN	LAFLN.DEALE3	LAFLN	LAFLN						
			BILIT	276.34	26.03	11000	1500		AT 11000
RIDGY	RIDGY.DEALE3	RIDGY	RIDGY						
			BILIT	239.96	17.19	11000	1400		AT 11000

**ARRIVAL ROUTE DESCRIPTION:**

FROM BILIT ON TRACK 287.90/22.09 TO CROSS DEALE AT 10000 AND AT 280 KIAS (MEA 10000/MOCA 1400).

LANDING NORTH RWY 1, 4, 33: FROM DEALE ON TRACK 281.57/8.19 TO CROSS YUCKK AT AT 10000 (MEA 10000/MOCA 1700), THEN ON TRACK 266.27/6.97 TO CROSS TIRZA AT OR BELOW 8000 (MEA 7000/MOCA 1500), THEN ON TRACK 230.26/6.25 TO CROSS HITEK AT 7000 (MEA 7000/MOCA 1600) THEN ON TRACK 186.93/4.00 TO MITEY (MEA 3000/MOCA 1700), THEN ON HEADING 187.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING SOUTH RWY 15, 19, 22: FROM DEALE ON TRACK 283.52/11.64 TO EDDGY (MEA 10000/MOCA 1700), THEN ON TRACK 319.53/6.94 TO THANE (MEA 10000/MOCA 1700), THEN ON TRACK 326.08/13.34 TO MEGGS (MEA 6000/MOCA 2100), THEN ON HEADING 327.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

**PROCEDURAL DATA NOTES:**

NOTE: RADAR REQUIRED.

NOTE : RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: TURBOJET AIRCRAFT ONLY.

NOTE: PROHIBITED AREA (P56) 1.5 NM NORTH OF KDCA - AVOID SURFACE TO FL180.

CHART NOTE AT MITEY: LANDING NORTH: RWY 1, 4, 33: EXPECT APPROACH CLEARANCE OR RADAR VECTORS TO FINAL APPROACH COURSE AFTER MITEY.

CHART NOTE AT MEGGS: LANDING SOUTH: RWY 15, 19, 22: EXPECT APPROACH CLEARANCE OR RADAR VECTORS TO FINAL APPROACH COURSE AFTER MEGGS.

**FIXES AND/OR HOLDING PATTERNS:**

CHART HOLDING AT BILIT, HOLD E, LT, 277.00 INBOUND, 4 NM LEGS, 210 KIAS.



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DEALE (RNAV)	THREE	BILIT.DEALE3	TWO		29 MAR 2018

**COMMUNICATIONS:**

POTOMAC APP CON; KDCA ATIS.

**AIRPORTS SERVED:**

AIRPORT NAME	CITY	STATE
RONALD REAGAN WASHINGTON NATIONAL	WASHINGTON	DC

**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.

CHART: R-4006



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DEALE (RNAV)	THREE	BILIT.DEALE3	TWO		29 MAR 2018

<u>FLIGHT INSPECTED BY:</u>	<u>ORGANIZATION:</u>	<u>DATE:</u>	<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:	
<u>DEVELOPED BY:</u>	<u>ORGANIZATION:</u>	<u>DATE:</u>	<i>Digitally signed by</i> <b>ADOLFO D URRUTIA</b>
SEAN BARBEE <i>Digitally signed by</i> <b>SEAN BARBEE</b> Nov 14, 2017	AJV-5431	09/27/2017	Jan 26, 2018
		Developed By Signature:	
<u>APPROVED BY:</u>	<u>ORGANIZATION:</u>	<u>DATE:</u>	<i>Digitally signed by</i> <b>ADOLFO D URRUTIA</b>
PATRICK MULQUEEN	AJV-5430		Jan 26, 2018
		Approved By Signature:	

**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.

QUALITY  
14  
CHECKED

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

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
DEALE (RNAV)	THREE	BILIT.DEALE3	TWO	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**

LAF LN	384727.40N / 0753047.72W	Y		IF					LAF LN.DEALE3
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BILIT	384515.82N / 0760357.59W	Y	FB	TF	265.34	26.03	AT 11000		
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**ENROUTE TRANSITION**

RIDGY	385634.71N / 0754723.33W	Y		IF					RIDGY.DEALE3
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BILIT	384515.82N / 0760357.59W	Y	FB	TF	228.96	17.19	AT 11000		
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**COMMON ROUTE**

BILIT	384515.82N / 0760357.59W	Y		IF			AT 11000		BILIT.DEALE3
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DEALE	384751.91N / 0763200.34W	Y	FB	TF	276.90	22.09	AT 10000	AT 280K	
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**RUNWAY TRANSITION**

DEALE	384751.91N / 0763200.34W	Y		IF			AT 10000	AT 280K	
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YUCKK	384756.31N / 0764228.91W	Y	FB	TF	270.57	08.19	AT 10000		
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TIRZA	384609.57N / 0765106.12W	Y	FB	TF	255.27	06.97	AT/BELOW 8000		
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HITEK	384119.00N / 0765609.00W	Y	FB	TF	219.26	06.25	AT 7000		
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MITEY	383719.36N / 0765547.27W	Y	FO	TF	175.93	04.00			
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FLIGHT STANDARDS SERVICE  
STAR (DATA RECORD)**

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
DEALE (RNAV)	THREE	BILIT.DEALE3	TWO	12/10/2015	29 MAR 2018

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
KDCA: RWY 01, RWY 04, RWY 33				VM	176.00				RECOMMENDED NAVAID: BAL VORTAC
<b>RUNWAY TRANSITION</b>									
DEALE	384751.91N / 0763200.34W	Y		IF			AT 10000	AT 280K	
EDDGY	384821.71N / 0764653.29W	Y	FB	TF	272.52	11.64			
THANE	385241.02N / 0765350.25W	Y	FB	TF	308.53	06.94			
MEGGS	390207.88N / 0770555.86W	Y	FO	TF	315.08	13.34			
KDCA: RWY 15 RWY 19, RWY 22				VM	316.00				RECOMMENDED NAVAID: BAL VORTAC

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