

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.
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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
POWTN (RNAV)	FOUR	POWTN.POWTN4	THREE	07/19/2018	03 JAN 2019

TRANSITION ROUTES:

Transition Name	Transition Computer Code	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitude/Fixes
LYNCHBURG	LYH.POWTN4	LYH VOR/DME	LYH VOR/DME						
		LYH VOR/DME	WLOCK	085.97	13.12	17000	3700		
		WLOCK	GRUTO	085.98	09.52	13000	3400		
		GRUTO	HONTA	086.13	18.67	13000	3200		AT/ABOVE 13000
		HONTA	VETEC	086.33	07.80	11000	2100		AT/BELOW 12000
		VETEC	AHONE	085.83	08.26	7000	1800		AT 11000
		AHONE	POWTN	086.02	06.04	5000	1800		

ARRIVAL ROUTE DESCRIPTION:

LANDING NORTH RWY 02, RWY 07, RWY 34: FROM POWTN ON TRACK 110.80/14.33 TO DUCXS (MEA 4000/MOCA 2400), THEN ON HEADING 151.00 OR AS ASSIGNED BY ATC. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
LANDING SOUTH RWY 16, RWY 20, RWY 25: FROM POWTN ON TRACK 071.17/15.42 TO DEEER (MEA 4000/MOCA 1800), THEN ON HEADING 081.00 OR AS ASSIGNED BY ATC. 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: MAINTAIN LAST ATC ASSIGNED ALTITUDE UNTIL CLEARED TO "DESCEND VIA THE POWTN STAR." ARTCC WILL ISSUE LANDING DIRECTION ASSIGNMENT (NORTH or SOUTH) and POTOMAC TRACON WILL ISSUE RUNWAY ASSIGNMENTS.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING PATTERN: VETEC (HOLD, W, LT 086.33 INBOUND, 10 NM LEGS, 230 KIAS).

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COMMUNICATIONS:

POTOMAC APPROACH CONTROL
RICHMOND INTL ATIS

AIRPORTS SERVED:

AIRPORT NAME	CITY	STATE
RICHMOND INTL (KRIC)	RICHMOND	VA

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

THIS AMENDMENT DOES NOT QUALIFY AS A PERIODIC REVIEW.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0).
REFERENCE MAGNETIC VARIATION = KRIC 10W/2020

FLIGHT INSPECTED BY:

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW
AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017

DEVELOPED BY:

DAN POWELL

APPROVED BY:

MARLON ROBINSON

ORGANIZATION:

AJW-333

DATE:

08/13/2018

Flight Inspected Signature:

Developed By Signature:

Approved By Signature:

Digitally signed by
CASIMIR L TABAKA
Sep 10, 2018

Digitally signed by
CASIMIR L TABAKA
Sep 10, 2018

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CASIMIR L TABAKA
Sep 10, 2018

CHANGES:

1. CORRECTED INBOUND HOLD COURSE AT VETEC FROM 086.23 TO 086.33.
2. REMOVED FREQUENCIES IN COMMUNICATIONS COLUMN.
3. REMOVED CROSS AHONE AT 280 KIAS IN ADDITIONAL FLIGHT DATA.
4. CHANGED LYH VORTAC TO VOR/DME.

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REASONS:

- 1. INCORRECTLY DOCUMENTED ON PREVIOUS AMDT.
- 2. FREQUENCIES UPDATED/MAINTAINED BY CHARTING.
- 3. SPEED RESTRICTION IS CORRECTLY DOCUMENTED ON 17.2 AND DOES NOT NEED TO BE REPEATED.
- 4. TACAN ANTENNA REPLACED WITH DME.



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Title:



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STAR (DATA RECORD)

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
POWTN (RNAV)	FOUR	POWTN.POWTN4	THREE	07/19/2018	03 JAN 2019

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
EN ROUTE TRANSITION									
LYH VOR/DME	371516.48N / 0791410.97W	Y	-	IF					LYH.POWTN4
WLOCK	371826.48N / 0785813.59W	Y	FB	TF	075.97	13.12			
GRUTO	372044.38N / 0784638.94W	Y	FB	TF	075.98	09.52			
HONTA	372511.02N / 0782353.49W	Y	FB	TF	076.13	18.67	AT/ABOVE 13000		
VETEC	372701.42N / 0781422.32W	Y	FB	TF	076.33	07.80	AT/BELOW 12000		
AHONE	372902.50N / 0780418.41W	Y	FB	TF	075.83	08.26	AT 11000	AT 280K	
POWTN	373029.85N / 0775656.76W	Y	FB	TF	076.02	06.04			
RUNWAY TRANSITION									
POWTN	373029.85N / 0775656.76W	Y	-	IF	-	-			
DUCXS	372747.20N / 0773916.00W	Y	FO	TF	100.80	14.33			
KRIC: RWY 02, RWY 07, RWY 34		-	-	VM	141.00	-			
RUNWAY TRANSITION									
POWTN	373029.85N / 0775656.76W	Y	-	IF	-	-			
DEEER	373755.30N / 0773956.26W	Y	FO	TF	061.17	15.42			



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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
KRIC: RWY 16, RWY 20, RWY 25				VM	071.00				

