

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
CAVLR (RNAV)	FIVE	BNTLY.CAVLR5	FOUR	12/31/2020	21 MAR 2024

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
DORRN	DORRN.CAVLR5	DORRN	DORRN						
			PERKN	034.31	08.00	FL220	1900		AT/ABOVE FL220
			KHOOD	033.75	14.98	14000	1900		BETWEEN 14000 AND FL220
			BNTLY	033.84	11.28	13000	1900		AT/ABOVE 13000
THHMP	THHMP.CAVLR5	THHMP	THHMP						
			JROBB	346.05	29.95	13000	1900		
			BNTLY	358.97	06.48	13000	1900		AT/ABOVE 13000
TRSSK	TRSSK.CAVLR5	TRSSK	TRSSK						
			PERKN	010.70	25.53	FL220	1900		AT/ABOVE FL220
			KHOOD	033.75	14.98	14000	1900		BETWEEN 14000 AND FL220
			BNTLY	033.84	11.28	13000	1900		AT/ABOVE 13000

ARRIVAL ROUTE DESCRIPTION:

FROM BNTLY ON TRACK 036.62/7.00 TO CROSS MEEGO AT OR ABOVE 11000, THEN ON TRACK 036.76/5.41 TO CROSS CAVLR AT 10000 AND AT OR BELOW 250 KIAS.

LANDING RWY 1L/C/R: FROM CAVLR ON TRACK 025.52/3.20 TO CROSS UVVAA AT 9000, THEN ON TRACK 025.52. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 19L/C/R: FROM CAVLR ON TRACK 025.52/16.18 TO CROSS KASDY AT 7000, THEN ON TRACK 024.03/5.38 TO CROSS BARIN AT 6000, THEN ON TRACK 011.63/11.37 TO CROSS STAYO AT 4000, THEN ON TRACK 011.62/15.43 TO TRING, THEN ON TRACK 011.55/13.19 TO MIXNN, THEN ON TRACK 011.55. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 30: FROM CAVLR ON TRACK 025.52/16.18 TO CROSS KASDY AT 7000, THEN ON TRACK 020.00/5.00 TO CROSS COINZ AT 6000 AND AT 210 KIAS, THEN ON TRACK 010.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY

NOTE: ARTCC WILL ISSUE LANDING DIRECTION ASSIGNMENT (NORTH OR SOUTH) AND POTOMAC TRACON WILL ISSUE RUNWAY ASSIGNMENT.

CHART AT MIXNN: NOTE: LANDING SOUTH RWYS 19L/C/R: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER MIXNN.

CHART AT COINZ: NOTE: LANDING NORTH RWY 30: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER COINZ.

CHART AT UVVAA: NOTE: LANDING NORTH RWYS 1L/C/R: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER UVVAA.



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FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT DORRN: HOLD SW, LT, 034.31 INBOUND, 10 NM LEGS.
CHART HOLDING AT BNTLY: HOLD SW, RT, 033.84 INBOUND, 10 NM LEGS, 230 KIAS.
CHART HOLDING AT MEEGO: HOLD SW, RT, 036.62 INBOUND, 10 NM LEGS, 210 KIAS.
CHART HOLDING AT CAVLR: HOLD SW, LT, 036.76 INBOUND, 5 NM LEGS, 210 KIAS.

COMMUNICATIONS:

CHART: POTOMAC APP CON

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KIAD	WASHINGTON	DC

LOST COMMUNICATIONS PREFERENCES:**REMARKS:**

ATC ELECTS TO ADD FM LEG(S) SO AIRCRAFT FMS DOES NOT AUTOMATICALLY TURN ON TO CONNECTING IAPS.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
MAG VAR: KIAD 10W/2000
CHART: R-6608A, R-6608B, R-6608C.
CHART: P-56B, P-56A
CHART P-40, R-4009
CHART: AT MIXNN TERMINUS: KIAD LDG RWY 19L/C/R
CHART: AT COINZ TERMINUS: KIAD LDG RWY 30
CHART: AT UVVAA TERMINUS: KIAD LDG RWY 1L/C/R

FLIGHT INSPECTED BY:

BOB S PRESSLER

ORGANIZATION: **DATE:**

FPO

01/08/2024

Flight Inspected Signature:

Digitally signed by
CASIMIR L TABAKA

Jan 19, 2024

DEVELOPED BY:

TYLER MITCHELL

AJV-A432

10/12/2023

Developed By Signature:

Digitally signed by

TYLER D MITCHELL

Dec 10, 2023

APPROVED BY:

CASIMIR TABAKA

AJV-A432

Approved By Signature:

Digitally signed by

CASIMIR L TABAKA

Jan 19, 2024



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CAVLR (RNAV)	FIVE	BNTLY.CAVLR5	FOUR	12/31/2020	21 MAR 2024

CHANGES:

1. CHANGED ALL MOCA VALUES TO 1900.
2. RWY 1L/C/R TRANSITION ROUTING CHANGED FROM CALVR-KASDY-COINZ TO CAVLR-UVVAA; RWY 30 TRANSITION SEPERATED OUT AND ADDED 210 KIAS RESTRICTION TO TERMINUS.
3. REMOVED PROCEDURAL DATA NOTE RNAV 1, DME/DME/IRU REQUIRED AND ADDED PBN EQUIPMENT NOTES: RNAV 1 - DME/DME/IRU OR GPS.
4. CHANGED NOTE FROM "CHART AT COINZ: NOTE: LANDING NORTH RWYS 1L/C/R,30: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER COINZ." TO "CHART AT COINZ: NOTE: LANDING NORTH RWY 30: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER COINZ."
5. ADDED NOTE "CHART AT UVVAA: NOTE: LANDING NORTH RWYS 1L/C/R: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER UVVAA."
6. CHANGED PROCEDURAL DATA NOTE FROM TURBOJET AIRCRAFT ONLY TO JET AIRCRAFT ONLY.
7. MOVED RADAR REQUIRED FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIRMENT NOTES.
8. ADDED ADDITIONAL FLIGHT DATA CHARTED TERMINUS DATA
- 9.ADDED ADDITIONAL FLIGHT DATA CHART: P-56B, P-56A, R4009.

REASONS:

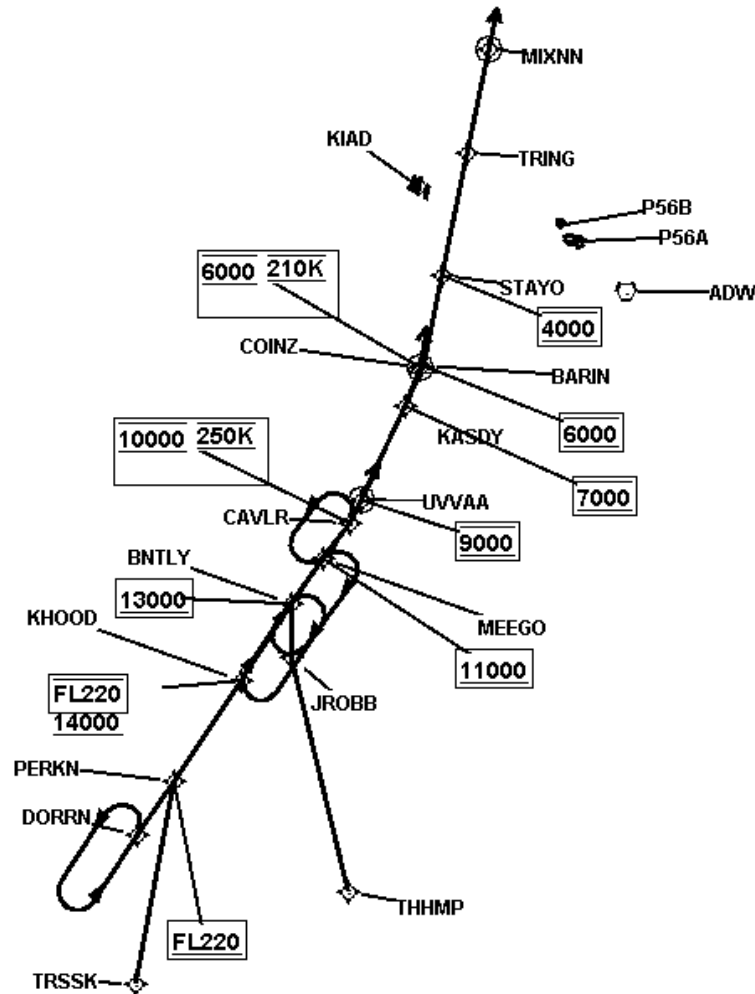
1. IAW 8260.19I, 4-5-12B(8).
2. ATC REQUEST.
3. UPDATED NOTE IAW 8260.46 2-1-1F(6).
4. RWY 1L/C/R TERMINUS POINT CHANGED.
5. NEW TERMINUS POINT.
6. IAW 8260.19I, 4-5-2.
- 7,8. IAW 8260.19I.
9. ATC REQUEST



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CAVLR5 RNAV	FIVE	CAVLR.CAVLR5	FOUR	12/31/2020	21 MAR 2024
Graphic Depiction 2					



**FEDERAL AVIATION ADMINISTRATION
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STAR (DATA RECORD)**

Arrival Name CAVLR (RNAV)		Number FIVE		STAR Computer Code BNTLY.CAVLR5			Superseded Number FOUR		Dated 12/31/2020	Effective Date 21 MAR 2024
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
En Route Transition										
DORRN	373154.04N / 0775337.62W	Y		IF					DORRN.CAVLR5	
PERKN	373911.93N / 0774928.81W	Y	FB	TF	024.31	08.00	AT/ABOVE FL220			
KHOOD	375255.24N / 0774151.57W	Y	FB	TF	023.75	14.98	14000BFL220			
BNTLY	380314.99N / 0773605.16W	Y	FB	TF	023.84	11.28	AT/ABOVE 13000			
En Route Transition										
THHMP	372929.47N / 0771908.75W	Y		IF					THHMP.CAVLR5	
JROBB	375652.74N / 0773430.92W	Y	FB	TF	336.05	29.95				
BNTLY	380314.99N / 0773605.16W	Y	FB	TF	348.97	06.48	AT/ABOVE 13000			
En Route Transition										
TRSSK	371338.41N / 0774952.25W	Y		IF					TRSSK.CAVLR5	
PERKN	373911.93N / 0774928.81W	Y	FB	TF	000.70	25.53	AT/ABOVE FL220			
KHOOD	375255.24N / 0774151.57W	Y	FB	TF	023.75	14.98	14000BFL220			
BNTLY	380314.99N / 0773605.16W	Y	FB	TF	023.84	11.28	AT/ABOVE 13000			
Common Route										
BNTLY	380314.99N / 0773605.16W	Y		IF			AT/ABOVE 13000		BNTLY.CAVLR5	
MEEGO	380930.81N / 0773206.56W	Y	FB	TF	026.62	07.00	AT/ABOVE 11000			
CAVLR	381421.14N / 0772900.90W	Y	FB	TF	026.76	05.41	AT 10000	AT/BELOW 250K		
Runway Transition										
CAVLR	381421.14N / 0772900.90W	Y		IF			AT 10000	AT/BELOW 250K		
UVVAA	381726.33N / 0772755.63W	Y	FO	TF	015.52	03.20	AT 9000			
KIAD:RWY 1C,RWY 1L,RWY 1R				FM	015.52					
Runway Transition										
CAVLR	381421.14N / 0772900.90W	Y		IF			AT 10000	AT/BELOW 250K		

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
KASDY	382957.17N / 0772330.01W	Y	FB	TF	015.52	16.18	AT 7000		
BARIN	383510.92N / 0772150.09W	Y	FB	TF	014.03	05.38	AT 6000		
STAYO	384633.60N / 0772125.20W	Y	FB	TF	001.63	11.37	AT 4000		
TRING	390200.00N / 0772051.60W	Y	FB	TF	001.62	15.43			
MIXNN	391512.00N / 0772024.00W	Y	FO	TF	001.55	13.19			
KIAD:RWY 19C,RWY 19L,RWY 19R				FM	001.55				
Runway Transition									
CAVLR	381421.14N / 0772900.90W	Y		IF			AT 10000	AT/BELOW 250K	
KASDY	382957.17N / 0772330.01W	Y	FB	TF	015.52	16.18	AT 7000		
COINZ	383452.91N / 0772223.58W	Y	FO	TF	010.00	05.00	AT 6000	AT 210K	
KIAD:RWY 30				FM	000.00				