

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
CJR	VOR-A	5C	CULPEPER	VA		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
316		VOR-A	5B	02/20/2025	6W	1965
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
CSN			ROUTINE			

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
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MISSED APPROACH

MAP:

FROM CSN VORTAC 6.59 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 2900 DIRECT CSN VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | | | |
|----|--|----------------|----------|------------|------------------|-------|-------------------|
| 1. | PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) | |
| 2. | HOLD N CSN VORTAC, LT, 183.51 INBOUND, 2900 IN LIEU OF PT (IF/IAF), MAX 17000. | | | | | | |
| 3. | FAC: | 183.71 | FAF: | CSN VORTAC | DIST FAF TO MAP: | 6.59 | DIST FAF TO THLD: |
| 4. | MIN ALT: CSN VORTAC 2900 | | | | | | |
| 8. | MSA FROM: CSN VORTAC 060-230 2500, 230-330 5300, 330-060 3700 | | | | | | |

NOTES:

CHART NOTE: RWY 4, 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IAD ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET, CIRCLING CATS C AND D VISIBILITY 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART PLANVIEW NOTE: WARNING - WASHINGTON DC SFRA. CONTACT POTOMAC APP CON
CHART PLANVIEW NOTE: WASHINGTON DC METROPOLITAN SFRA
CHART FAS OBST: 629 TREE 383605N/0775117W.
FAC CROSSES MIDPOINT OF RWY 4-22.



MINIMUMS:
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
CIRCLING	920	1	604	960	1	644	960	1 3/4	644	1100	2 1/2	784			

CHANGES - REASONS

1. CHART NOTES: REMOVED WHEN CIRCLING TO RWY 4, 22 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.- 20:1 OBSTACLES NO LONGER EXIST

2. CHART NOTES: CHANGED : RWY 4, 22 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED TO : RWY 4, 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.- NEW OBSTACLE EVALUATION.

COORDINATED WITH:

A4A☐

ALPA☒

AOPA☒

APA☐

HAI☐

NBAA☒

OTHER: ZDC, PCT TRACON, AMGR

FLIGHT CHECKED BY

Processed IAW Technical Support Group (AJF-17) Memo dated 07/07/2021,
Subject: Guidance for Procedural Changes Requiring Flight Inspection/Validation

Digitally signed by

DAVID DANNER

May 13, 2025

OFFICE

DATE

DEVELOPED BY

NICHOLAS HEIDERSTADT

Digitally signed by

DAVID DANNER

May 13, 2025

OFFICE

AJV-A421

DATE

05/07/2025

APPROVED BY

DAVID DANNER

Digitally signed by

DAVID DANNER

May 13, 2025

OFFICE

AJV-A421

DATE

TITLE

MANAGER



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CJR	VOR-A	5C	CULPEPER	VA	316	CSN

PART A: OBSTRUCTION DATA SEGMENTS

FINAL

FROM CSN VORTAC **TO** FROM CSN VORTAC 6.59 DME

RNP 0.30 **DISTANCE** 6.59 **PAT** **MAP** FROM CSN VORTAC 6.59 DME **HAT** **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1. TREE	383605.00N/0775117.00W	629	50	20	2C	250				XL30	920

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM CSN VORTAC **TO** P-4

RNP **DISTANCE** **PAT** P-4 **MAP** **HAT** **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
2. AAO	384733.00N/0775021.00W	1555	50	20	2C	1000					2600
3. AAO	384733.00N/0775021.00W	1379								AS1500	2900

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

QUALITY
10
CHECKED

MISSSED APPROACH

FROM

FROM CSN VORTAC 6.59 DME

TO

CSN VORTAC

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u> 640				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2900
4. TOWERS 2 (47-1104)	384042.00N/0774717.00W	870	250	125	4E	1000					1900
5. TERRAIN	384054.00N/0774657.00W	599 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE	383133.00N/0775324.00W	1.30	604	593	215	8	4B	300		XP27	920
CATEGORY B											
TREE	383157.00N/0775339.00W	1.82	644	639	215	8	4B	300		XP21	960
CATEGORY C											
TREE	383157.00N/0775339.00W	2.85	644	639	215	8	4B	300		AC8 XP13	960
CATEGORY D											
AAO	383200.24N/0775626.62W	3.73	784	799	215	8	4B	300			1100

CIRCLING REMARKS:

XP-TO MAINTAIN MINS, XP- TO MAINTAIN MINS, XP-TO MAINTIAN MINS



MSA

CENTER

CSN VORTAC

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
060-230	TOWER (51-000197)	381838.96N/0780012.32W	204	20.8	1457	20	3	1A	1000			2500
230-330	AAO	383318.00N/0782348.00W	259	25.5	4233	215	8	4B	1000			5300
330-060	AAO	385030.00N/0780927.00W	311	18.3	2615	215	8	4B	1000			3700

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

PCT TRACON, DCA FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	CJR	24	CJR	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	IAD	24	IAD	31.49	Y	73

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KCJR 316, KIAD 313
RA = 72.8.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
CSN VORTAC	AOCC	24	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW04 - REIL (PCL), MIRL (PCL), PAPI-4L (PCL)	NPI-F	
RW22 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)	NPI-F	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☐	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☐	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

PENETRATIONS REMARKS:



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - FINAL IS ALIGNED FOR CIRCLING ONLY.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

BLOCK 10: CIRCLING APPROACH ALIGNED TO CENTER OF AIRPORT, MAP LOCATED 1268' WEST OF RWY 22 THLD.

100' TREES USED PER FPT.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	ARP	TO 1000FT POINT	2.27
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.47
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	177.71
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	500
DISTANCE FROM	ARP	TO 1500FT POINT	5.14
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.18
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	177.71
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	500

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	383131.70N/0775134.70W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 22 DISTANCE 0.41 NM
FAF COORDINATES	383828.33N/0775155.80W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
NICHOLAS HEIDERSTADT	AJV-A421	05/07/2025	AERONAUTICAL INFORMATION SPECIALIST

