

**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	5B	CULPEPER	VA	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
316		VOR-A	05/20/2021	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:

- PT**
- SIDE OF COURSE**
- OUTBOUND**
- FT WITHIN**
- MILES OF** (IAF)
- FAC:** 183.71
- FAF:** CSN VORTAC
- DIST FAF TO MAP:** 6.59
- DIST FAF TO THLD:**
- MIN ALT:** CSN VORTAC 2900
- MSA FROM:** CSN VORTAC 060-230 2500, 230-330 5300, 330-060 3700

NOTES:

CHART NOTE: RWY 4, 22 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: WHEN CIRCLING TO RWY 4, 22 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.
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. DELETE ADDITIONAL FLIGHT DATA PLANVIEW NOTE: WARNING -DC ADIZ. CONTACT POTOMAC APP CON 120.825. - PER AIS PORTAL REQUEST.
2. DELETE ADDITIONAL FLIGHT DATA NOTE: ADIZ. - PER AIS PORTAL REQUEST.
3. ADDED CHART PLANVIEW NOTE: WARNING - WASHINGTON DC SFRA. CONTACT POTOMAC APP CON. - PER AIS PORTAL REQUEST.
4. ADDED CHART PLANVIEW NOTE: WASHINGTON DC METROPOLITAN SFRA. - PER AIS PORTAL REQUEST.
5. CHANGE NOTE FROM: "VISIBILITY REDUCTION BY HELICOPTERS NA" TO "RWY 4, 22 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED". - IAW 8260.19J, 8-6-12 K(2).
6. CHANGED ALTIMETER NOTE FROM: "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WASHINGTON DULLES INTL ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 80 FEET, CIRCLING CATS C AND D VISIBILITY 1/4 MILE." TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WASHINGTON DULLES INTL ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET, CIRCLING CATS C AND D VISIBILITY 1/4 SM." - IAW 8260.19I, 8-7-1 C(3) AND 8260.3E, TABLES 3-3-1, (2) AND (3).
7. ALTERNATE MINIMUMS: CHANGED FROM "STANDARD EXCEPT CAT D 800-2 1/2 - NA WHEN LOCAL WEATHER NOT AVAILABLE" TO STANDARD- CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE. – UPDATED FORMAT, IAW 8260.19I. 8-6-10 E(4).
8. CHART NOTE: WHEN VGSI INOPERATIVE, PROCEDURE NA AT NIGHT CHANGED TO WHEN CIRCLING TO RWY 4, 22 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.

12/30/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/06/2024.
1. PROFILE LINE 8: ADDED CSN VORTAC 060-230 2500, 230-330 5300, 330-060 3700.- INFORMATION MISSING FROM PREVIOUS FORM.

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 GUIDANCE *Digitally signed by*
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION
DAVID DANNER
Jan 10, 2025

OFFICE

OFFICE
AJV-A421

DATE

DATE
09/27/2024

DEVELOPED BY

TIA FERONTI
Digitally signed by
TIA L FERONTI
Dec 30, 2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
DAVID DANNER
Jan 10, 2025

OFFICE

OFFICE
AJV-A420

DATE

DATE
01/16/2025

TITLE

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	5B	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				AT321	2900
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:



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				AT1030	2900
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											
6. TREE	383134.15N/0775323.78W	1.30	604	619	50	20	2C	300			920
CATEGORY B											
7. TREE	383157.98N/0775338.46W	1.82	644	659	50	20	2C	300			960
CATEGORY C											
7. TREE	383157.98N/0775338.46W	2.85	644	659	50	20	2C	300			960
CATEGORY D											
8. AAO	383200.24N/0775626.62W	3.73	784	799	50	20	2C	300			1100

CIRCLING REMARKS:



MSA

CENTER

CSN VORTAC

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
060-230	TOWER (47-0197)		198	20.8	1457	20	3	1A	1000			2500
230-330	AAO		259	25.5	4250	1000	3	6A	1000			5300
330-060	AAO		311	18.3	2615	250	125	4E	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 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)	NPI-F	
RW22 - REIL (PCL), MIRL (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

FINAL TYPE	CIRCLING RWY 22
20:1	
KCJRL032 ANT ON BLDG 383157.19N/0775120.74W.	KCJRL031 TREE 383157.38N/0775122.11W.
KCJRL030 FENCE 383156.87N/0775121.78W.	KCJRL029 RD(N) 383156.99N/0775122.60W.
FINAL TYPE	CIRCLING RWY 4
20:1	
KCJRL006 TREE 383108.34N/0775153.18W.	

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 FPO.
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
TIA FERONTI	AJV-A421	09/27/2024	AERONAUTICAL INFORMATION SPECIALIST