

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33**

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><br>CJR        | <u>PROCEDURE NAME</u><br>RNAV (GPS) RWY 4 | <u>ORIGINAL/AMENDMENT</u><br>ORIG-B   | <u>CITY</u><br>CULPEPER                   | <u>STATE</u><br>VA        |
| <u>AIRPORT ELEVATION</u><br>316 | <u>TDZE</u><br>316                        | <u>SUPERSEDED</u><br>RNAV (GPS) RWY 4 | <u>DATED</u><br>11/07/2019                | <u>MAG VAR</u><br>10W     |
| <u>FACILITY</u><br>RNAV         | <u>COORDINATES OF FACILITIES</u>          | <u>ACTUAL EFFECTIVE DATE</u>          | <u>REQUIRED EFFECTIVE DATE</u><br>ROUTINE | <u>EPOCH YEAR</u><br>2005 |
|                                 |                                           |                                       | <u>CANCEL/SUSPEND</u>                     |                           |

**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> |
|-------------|-----------------|-----------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| CSN VORTAC  |                 | FAXIK     |                 | TF              | FO           | 1.00       | 207.09        | 18.24           | 3000            |
| BUVBE       | IAF             | FAXIK     | NOPT            | TF              | FB           | 1.00       | 038.13        | 6.24            | 3000            |
| FAXIK       | IF/IAF          | GORLE     |                 | TF              | FB           | 1.00       | 038.17        | 6.10            | 2100            |
| GORLE       | FAF             | RW04      | MAP             | TF              | FO           | 0.30       | 038.21        | 5.40            |                 |
| RW04        | MAP             | 610 MSL   |                 | CA              |              |            |               |                 |                 |
| 610 MSL     |                 | DOYAT     |                 | DF              | FO           | 1.00       |               |                 | 3000            |

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW04

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT DOYAT AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW FAXIK, RT, 038.17 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 038.21 FAF: GORLE DIST FAF TO MAP: 5.40 DIST FAF TO THLD: 5.40
- MIN ALT: FAXIK 3000, GORLE 2100
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 294 HAT: 0.80 GS ANT: MM: IM:
- MIN GP INCPT: 2100 GP ALT AT PFAF: GORLE OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH: 40.0
- MSA FROM: RW04 5300



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART NOTE: BARO-VNAV NA WHEN USING IAD ALTIMETER SETTING.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 48°C.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IAD ALTIMETER SETTING AND INCREASE LPV DA TO 683 FEET; INCREASE LNAV/VNAV DA TO 906 FEET; INCREASE ALL MDAS 80 FEET AND VISIBILITY CATS C/D 1/4 SM.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CSN VORTAC AIRWAY RADIALS 148 CW 239.  
CHART NOTE: STRAIGHT-IN RWY 4 AT NIGHT, CIRCLING RWY 4, 22 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.

ADDITIONAL FLIGHT DATA:

CHART PLANVIEW NOTE: WARNING - WASHINGTON DC SFRA. CONTACT POTOMAC APP CON.  
CHART PLANVIEW NOTE: WASHINGTON DC METROPOLITAN SFRA.  
HOLD NE, RT, 218.31 INBOUND.  
CHART FAS OBST: 569 TREE 382748N/0775255W, 421 TREE (KCJRL019) 383102N/0775209W.  
WAAS CHANNEL # 77606  
REFERENCE PATH ID: W04A  
LTP HAE: 63.9 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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 |
| LPV DA       | 610    | 1     | 294     | 610    | 1     | 294     | 610    | 1     | 294     | 610    | 1     | 294     |        |     |         |
| LNAV/VNAV DA | 833    | 1 3/4 | 517     | 833    | 1 3/4 | 517     | 833    | 1 3/4 | 517     | 833    | 1 3/4 | 517     |        |     |         |
| LNAV MDA     | 820    | 1     | 504     | 820    | 1     | 504     | 820    | 1 1/2 | 504     | 820    | 1 1/2 | 504     |        |     |         |

CHANGES - REASONS

- DELETE ADDITIONAL FLIGHT DATA PLANVIEW NOTE: WARNING -DC ADIZ. CONTACT POTOMAC APP CON 120.825. - PER AIS PORTAL REQUEST.
- DELETE ADDITIONAL FLIGHT DATA NOTE: ADIZ. - PER AIS PORTAL REQUEST.
- ADDED CHART PLANVIEW NOTE: WARNING - WASHINGTON DC SFRA. CONTACT POTOMAC APP CON. - PER AIS PORTAL REQUEST.
- ADDED CHART PLANVIEW NOTE: WASHINGTON DC METROPOLITAN SFRA. - PER AIS PORTAL REQUEST.
- ADDED CA LEG TO MISSED APPROACH. – IAW 8260.58C, 3-5-2 B.
- CHANGE PBN REQUIREMENTS NOTE FROM “RNP APCH” TO “RNP APCH-GPS” – ADDED SENSOR.
- ADDED 20:1 IS NOT CLEAR TO PROFILE LINE 7. – IAW 8260.19J, 8-6-7 G(3)(A).
- CHANGED PROFILE LINE 2 FROM “HOLD SW FAXIK, RT, 038.17 INBOUND, 3000 FT. IN LIEU OF PT (IAF) TO “HOLD NE FAXIK, RT, 038.17 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000” IAW 8260.19I, 8-6-7, B(2).
- CHANGED ALTIMETER NOTE FROM: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WASHINGTON DULLES INTL ALTIMETER SETTING AND INCREASE ALL DAS 73 FEET, ALL MDAS 80 FEET, LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, LNAV CAT D VISIBILITY 1/4 MILE.” TO “WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IAD ALTIMETER SETTING AND INCREASE LPV DA TO 683 FEET; INCREASE LNAV/VNAV DA TO 906 FEET; INCREASE ALL MDAS 80 FEET AND VISIBILITY CATS C/D 1/4 SM.” - 8260.19I, 8-7-1 C(3) AND 8260.3E, TABLES 3-3-1, (2) AND (3).
- CHANGED BARO-VNAV NOTE FROM “BARO-VNAV NA WHEN USING WASHINGTON DULLES INTL ALTIMETER SETTING.” TO “BARO-VNAV NA WHEN USING IAD ALTIMETER SETTING.” – IAW 8260.19J, E(8).
- ALTERNATE MINIMUMS: STANDARD; NA WHEN LOCAL WEATHER NOT AVAILABLE. - IAW 8260.19I. 8-6-10 E(4).
- CHART NOTE: WHEN VGSI INOPERATIVE, PROCEDURE NA AT NIGHT CHANGED TO STRAIGHT-IN RWY 4 AT NIGHT, CIRCLING RWY 4, 22 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.- UPDATED FORMAT, IAW 8260.19J 8-6-12 O(2)(H).



COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZDC, PCT TRACON, AIRPORT MANAGER

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by

DAVID DANNER

Dec 06, 2024

DEVELOPED BY

TIA FERONTI

Digitally signed by

TIA L FERONTI

Nov 05, 2024

OFFICE

AJV-A421

DATE

09/27/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

DAVID DANNER

Dec 06, 2024

OFFICE

AJV-A420

DATE

01/16/2025

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE  
SBAS SERVICE PROVIDER IDENTIFIER  
AIRPORT IDENTIFIER  
RUNWAY  
APPROACH PERFORMANCE DESIGNATOR  
ROUTE INDICATOR  
REFERENCE PATH DATA SELECTOR  
REFERENCE PATH IDENTIFIER (APPROACH ID)  
LTP/FTP LATITUDE  
LTP/FTP LONGITUDE  
LTP/FTP ELLIPSOIDAL HEIGHT  
FPAP LATITUDE  
FPAP LONGITUDE  
THRESHOLD CROSSING HEIGHT (TCH)  
TCH UNITS SELECTOR (METERS OR FEET USED)  
GLIDEPATH ANGLE (GPA)  
COURSE WIDTH AT THRESHOLD  
LENGTH OFFSET  
HORIZONTAL ALERT LIMIT (HAL)  
VERTICAL ALERT LIMIT (VAL)

DATA

0  
0  
KCJR  
RW04  
0  
0  
W04A  
383109.9290N  
0775149.5315W  
+00639  
383228.5000N  
0775055.8000W  
00040.0  
F  
03.00  
106.75  
1224  
40.0  
50.0

CRC REMAINDER

E4F3A986

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE  
LTP ORTHOMETRIC HEIGHT  
FPAP ORTHOMETRIC HEIGHT

K6  
+00961  
+00961



**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               | RNAV (GPS) RWY 4      | ORIG-B          | CULPEPER    | VA           | 316                      | RNAV            |

**PART A: OBSTRUCTION DATA SEGMENTS**

**FEEDER**

**FROM** CSN VORTAC **TO** FAXIK

| <u>RNP</u> | <u>DISTANCE</u> | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | <u>HMAS</u> |
|------------|-----------------|------------|------------|------------|-------------|
| 1.00       | 18.24           |            |            |            |             |

| <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. AAO             | 382630.70N/0775736.30W | 999             | 50          | 20          | 2C        | 2000       |            |           |             |                    | 3000           |
| 2. TERRAIN         | 382630.70N/0775736.30W | 799 (800)       |             |             |           |            |            |           |             | AS1500             | 2300           |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INITIAL**

**FROM** BUVBE **TO** FAXIK

| <u>RNP</u> | <u>DISTANCE</u> | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | <u>HMAS</u> |
|------------|-----------------|------------|------------|------------|-------------|
| 1.00       | 6.24            |            |            |            |             |

| <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> |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| 3. TOWER (47-0197) | 381838.96N/0780012.32W | 1457            | 20          | 3           | 1A        | 1000       |            |           |             | AT543              | 3000           |
| 4. TERRAIN         | 381842.00N/0780009.00W | 1099 (1100)     |             |             |           |            |            |           |             | AS1500             | 2600           |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



INTERMEDIATE

FROM

FAXIK (IF/IAF)

TO

GORLE

RNP

1.00

DISTANCE

6.10

PAT

MAP

HAT

HMAS

| OBSTRUCTION | COORDINATES            | ELEV MSL  | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|-------------|------------------------|-----------|------|------|----|-----|-----|----|------|-------------|---------|
| 5. AAO      | 382300.00N/0780354.00W | 1029      | 50   | 20   | 2C | 500 |     |    |      |             | 1600    |
| 6. TERRAIN  | 382615.00N/0775715.00W | 614 (600) |      |      |    |     |     |    |      | AS1500      | 2100    |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

GORLE

TO

RW04

RNP

0.30

DISTANCE

5.40

PAT

MAP

DA

HAT

294

HMAS

| OBSTRUCTION        | COORDINATES            | ELEV MSL | HORZ | VERT | AC | ROC | OCS     | CG | CGTA | ADJUSTMENTS | MIN ALT |
|--------------------|------------------------|----------|------|------|----|-----|---------|----|------|-------------|---------|
| 7. TREE (KCJRL025) | 383041.10N/0775205.69W | 382      | 20   | 10   | 1B |     | 27.03:1 |    |      | AC10        | 610     |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

GORLE

TO

RW04

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           |            | <u>HAT</u> | <u>HMAS</u> |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-------------|-------------|--------------------|----------------|
| 0.30               | 5.40                   |                 | DA          |             |           |            | 517        |             |             |                    |                |
| <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> |
| 8. TREE (KCJRL019) | 383102.28N/0775208.83W | 421             | 20          | 10          | 1B        |            | PDA        |             |             | AC10 MA152         | 833            |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

GORLE

TO

RW04

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           |            | <u>HAT</u> | <u>HMAS</u> |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-------------|-------------|--------------------|----------------|
| 0.30               | 5.40                   |                 | RW04        |             |           |            | 504        |             |             |                    |                |
| <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> |
| 9. TREE            | 382748.21N/0775254.64W | 569             | 50          | 20          | 2C        | 250        |            |             |             |                    | 820            |

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  
FAXIK

TO  
P-5

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u><br>P-5 | <u>MAP</u>  |             |           |            | <u>HAT</u> | <u>HMAS</u> |             |                    |                |
|--------------------|------------------------|-------------------|-------------|-------------|-----------|------------|------------|-------------|-------------|--------------------|----------------|
| <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> |
| 3. TOWER (47-0197) | 381838.96N/0780012.32W | 1457              | 20          | 3           | 1A        | 1000       |            |             |             | AT500              | 3000           |
| 4. TERRAIN         | 381842.00N/0780009.00W | 1099 (1100)       |             |             |           |            |            |             |             | AS1500             | 2600           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LPV

FROM  
DA

TO  
DOYAT

| <u>RNP</u><br>0.30-1.00 | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           | <u>HAT</u> | <u>HMAS</u><br>392 |           |             |                    |                |
|-------------------------|------------------------|-----------------|-------------|-------------|-----------|------------|--------------------|-----------|-------------|--------------------|----------------|
| <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> |
| 10. TREE                | 383137.38N/0775329.03W | 659             | 50          | 20          | 2C        |            | ASC                |           |             |                    | 3000           |
| 11. AAO                 | 384215.00N/0774833.00W | 879             | 50          | 20          | 2C        | 1000       |                    |           |             |                    | 1900           |
| 12. TERRAIN             | 384215.00N/0774833.00W | 679 (700)       | 50          | 20          | 2C        |            |                    |           |             | AS1500             | 2200           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MSA

CENTER  
RW04

RADIUS  
25

| <u>SECTOR</u> | <u>OBSTRUCTION</u> | <u>COORDINATES</u>     | <u>BEARING</u> | <u>DISTANCE</u> | <u>ELEV MSL</u> | <u>HORZ</u> | <u>VERT</u> | <u>AC</u> | <u>ROC</u> | <u>OCS</u> | <u>ADJUSTMENTS</u> | <u>MIN ALT</u> |
|---------------|--------------------|------------------------|----------------|-----------------|-----------------|-------------|-------------|-----------|------------|------------|--------------------|----------------|
| 360-360       | AAO                | 383320.90N/0782345.50W | 285            | 25.2            | 4250            | 1000        | 3           | 6A        | 1000       |            |                    | 5300           |

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

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME  
KCJR 316, KIAD 312  
RA = 72.88.

| PRIMARY NAVAID                               | MONITOR POINT | HRS OPERATION   | CAT                 |
|----------------------------------------------|---------------|-----------------|---------------------|
| 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  |
|------------------|--------------------|------|-----------------|-------------------|------------|------|
| 3.00             | 315.3              | 40.0 |                 |                   | 3.00       | 40.0 |

FINAL APPROACH COURSE AIMING

|                  |              |                    |                              |
|------------------|--------------|--------------------|------------------------------|
| RUNWAY THRESHOLD | <div>X</div> | FT FROM THRESHOLD  | DISPLACED THRESHOLD DISTANCE |
| ON CENTERLINE    | <div>X</div> | FT FROM CENTERLINE |                              |

CRITICAL TEMPERATURES

| CRITICAL LOW | CRITICAL HIGH | ACT | APT ISA |
|--------------|---------------|-----|---------|
| -15C         | +48C          |     |         |

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.

"VISUAL PORTION OF FINAL" PENETRATIONS

|                                      |                         |  |  |
|--------------------------------------|-------------------------|--|--|
| FINAL TYPE                           | LPV, LNAV/VNAV AND LNAV |  |  |
| 20:1                                 |                         |  |  |
| KCJRL006 TREE 383108.34N/0775153.18W |                         |  |  |
| FINAL TYPE                           | LPV, LNAV/VNAV AND LNAV |  |  |
| 34:1                                 |                         |  |  |

| <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                                                                                                                   | RNAV (GPS) RWY 4      | ORIG-B          | CULPEPER                              | VA           | 316                      | RNAV            |
| KCJRL020 POLE 383056.72N/0775157.59W                                                                                  |                       |                 | KCJRL009 FENCE 383108.09N/0775153.82W |              |                          |                 |
| KCJRL006 TREE 383108.34N/0775153.18W                                                                                  |                       |                 |                                       |              |                          |                 |
| <u><b>PENETRATIONS REMARKS:</b></u>                                                                                   |                       |                 |                                       |              |                          |                 |
| KCJRL020 POLE 383056.72N/0775157.59W<br>KCJRL009 FENCE 383108.09N/0775153.82W<br>KCJRL006 TREE 383108.34N/0775153.18W |                       |                 |                                       |              |                          |                 |

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or

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

|                                     |
|-------------------------------------|
| <b><u>PENETRATIONS REMARKS:</u></b> |
|                                     |

**PART C: GENERAL REMARKS:**

VDP NOT ESTABLISHED - OBSTACLES PENETRATE 20:1.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
TAA NOT DEVELOPED, COORDINATED BY ATC.  
  
100' TREES USED PER FPO.  
  
FPO NOTIFIED, PARA 251 20:1 PENETRATIONS.  
  
SEE ATTACHED AIRSPACE LETTER.

**PART D: AIRSPACE**

**DOCKET #**

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

|                        |              |                                        |               |
|------------------------|--------------|----------------------------------------|---------------|
| <b>DISTANCE FROM</b>   | <b>THLD</b>  | <b>TO 1000FT POINT</b>                 | <b>3.59</b>   |
| <b>WIDTH OF</b>        | <b>FINAL</b> | <b>SEGMENT AT 1000FT POINT</b>         | <b>1.72</b>   |
| <b>TRUE COURSE OF</b>  | <b>FINAL</b> | <b>SEGMENT CONTAINING 1000FT POINT</b> | <b>028.21</b> |
| <b>HIGH TERRAIN IN</b> | <b>FINAL</b> | <b>SEGMENT CONTAINING 1000FT POINT</b> | <b>500</b>    |
| <b>DISTANCE FROM</b>   | <b>THLD</b>  | <b>TO 1500FT POINT</b>                 | <b>5.20</b>   |
| <b>WIDTH OF</b>        | <b>FINAL</b> | <b>SEGMENT AT 1500FT POINT</b>         | <b>2.00</b>   |
| <b>TRUE COURSE OF</b>  | <b>FINAL</b> | <b>SEGMENT CONTAINING 1500FT POINT</b> | <b>028.21</b> |
| <b>HIGH TERRAIN IN</b> | <b>FINAL</b> | <b>SEGMENT CONTAINING 1500FT POINT</b> | <b>500</b>    |

|                                                   |                            |
|---------------------------------------------------|----------------------------|
| <b>THRESHOLD COORDINATES (IF STR-IN)</b>          | 383109.93N/0775149.53W     |
| <b>ARP COORDINATES</b>                            | 383131.70N/0775134.70W     |
| <b>RUNWAY APCH END AND DIST FURTHEST FROM ARP</b> | RUNWAY 22 DISTANCE 0.41 NM |
| <b>FAF COORDINATES</b>                            | 382624.28N/0775504.57W     |
| <b>FIX NAME COORDINATES</b>                       |                            |

**REMARKS**

AIRSPACE LETTER TRANSCRIBED AS DOCUMENTED.

| <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                 | RNAV (GPS) RWY 4      | ORIG-B          | CULPEPER      | VA           | 316                                 | RNAV            |
| PART E: PREPARED BY |                       |                 |               |              |                                     |                 |
| <u>NAME</u>         |                       |                 | <u>OFFICE</u> | <u>DATE</u>  | <u>TITLE</u>                        |                 |
| TIA FERONTI         |                       |                 | AJV-A421      | 09/27/2024   | AERONAUTICAL INFORMATION SPECIALIST |                 |

