

# RADIO FIX AND HOLDING DATA RECORD

NAME: CASANOVA VORTAC      STATE: VA      COUNTRY: US      ICAO REGION CODE: K6  
 LATITUDE/LONGITUDE: 383828.33N/0775155.80W      TYPE:

AIRSPACE DOCKET:      FIX TYPE OF ACTION: NO CHANGE

## FIX MAKE-UP FACILITIES:

| FAC | NAME     | IDENT | TYPE   | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC<br>NM FEET | MRA | MAA   |
|-----|----------|-------|--------|-------|---------|----------|-----|--------------------------|-----|-------|
| 1   | CASANOVA | CSN   | VORTAC | H     |         |          |     |                          |     | 45000 |

HOLDING:      HOLDING TYPE OF ACTION: MODIFY

## PATTERNS:

| PAT | DIR | IDENT | TYPE   | RAD/CRS/BRG | CRS<br>INBOUND | TURN<br>(L OR R) | LEG LENGTH<br>TIME DME | HOLDING ALTITUDES<br>MIN MAX | TEMPLATES<br>MIN MAX |
|-----|-----|-------|--------|-------------|----------------|------------------|------------------------|------------------------------|----------------------|
| 1   | SW  | CSN   | VORTAC | 207.00      | 027.00         | L                | 1                      | 3000 17000                   | 4 16                 |
| 2   | SW  |       | WP     | 207.00      | 027.00         | L                | 4                      | 3000 8000                    | 5 9                  |

## CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1   | 200      | AAO         | 384300.00N/0775309.00W | 1080      | 4E            |
| 2   | 200      | AAO         | 384300.00N/0775309.00W | 1080      | 4E            |
| 2   | 310      | AAO         | 384718.00N/0775004.00W | 1523      | 4E            |

## REASON FOR NONSTANDARD HOLDING:

PAT 1 FOR SEPARATION  
 PAT 2 PAT 4 FOR SEPARATION

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

| PAT | PROCEDURE TITLE   | AIRPORT IDENT | CITY      | STATE   |
|-----|-------------------|---------------|-----------|---------|
| 2   | RNAV (GPS) RWY 33 | KHWY          | WARRENTON | VA (US) |

## REMARKS:

HOLDING PATTERNS 1 AND 2 HIGHER ALTITUDES REQUESTED BY ATC.  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 ASSIGNED FACILITY MAGVAR: 6W (1965).

## FIX USE:

| USE TYPE | USE TITLE                  | FAC | PAT | AIRPORT IDENT | CITY         | STATE   |
|----------|----------------------------|-----|-----|---------------|--------------|---------|
| DP       | NATIONAL                   |     |     | DCA           | WASHINGTON   | DC (US) |
| DP       | ARSENAL                    |     |     | HEF           | WASHINGTON   | DC (US) |
| DP       | CAPITAL                    |     |     | IAD           | WASHINGTON   | DC (US) |
| DP       | PTOMC (RNAV)               |     |     | JYO           | LEESBURG     | VA (US) |
| EN ROUTE | J48                        |     |     |               |              | (US)    |
| EN ROUTE | J8                         |     |     |               |              | (US)    |
| EN ROUTE | V128                       |     |     |               |              | (US)    |
| EN ROUTE | V140                       |     |     |               |              | (US)    |
| EN ROUTE | V286                       |     |     |               |              | (US)    |
| EN ROUTE | V453                       |     |     |               |              | (US)    |
| IAP      | ILS OR LOC RWY 16L         |     | 1   | HEF           | WASHINGTON   | DC (US) |
| IAP      | RNAV (GPS) RWY 16L         |     | 2   | HEF           | WASHINGTON   | DC (US) |
| IAP      | RNAV (GPS) RWY 16R         |     | 2   | HEF           | WASHINGTON   | DC (US) |
| IAP      | RNAV (GPS) RWY 34L         |     | 2   | HEF           | WASHINGTON   | DC (US) |
| IAP      | RNAV (GPS) RWY 34R         |     | 2   | HEF           | WASHINGTON   | DC (US) |
| IAP      | ILS OR LOC RWY 19R         |     |     | IAD           | WASHINGTON   | DC (US) |
| IAP      | ILS OR LOC RWY 1L          |     |     | IAD           | WASHINGTON   | DC (US) |
| IAP      | ILS OR LOC/DME RWY 12      |     |     | IAD           | WASHINGTON   | DC (US) |
| IAP      | ILS RWY 19R (CAT II & III) |     |     | IAD           | WASHINGTON   | DC (US) |
| IAP      | ILS RWY 1L (CAT II & III)  |     |     | IAD           | WASHINGTON   | DC (US) |
| IAP      | RNAV (GPS) RWY 1L          |     |     | IAD           | WASHINGTON   | DC (US) |
| IAP      | RNAV (RNP) Z RWY 1R        |     |     | IAD           | WASHINGTON   | DC (US) |
| IAP      | RNAV (GPS) RWY 22          |     |     | CJR           | CULPEPER     | VA (US) |
| IAP      | RNAV (GPS) RWY 4           |     |     | CJR           | CULPEPER     | VA (US) |
| IAP      | ILS OR LOC RWY 17          |     |     | JYO           | LEESBURG     | VA (US) |
| IAP      | LOC RWY 15                 |     | 1   | HWY           | WARRENTON    | VA (US) |
| IAP      | RNAV (GPS) RWY 15          |     | 2   | HWY           | WARRENTON    | VA (US) |
| IAP      | RNAV (GPS) RWY 33          |     | 2   | HWY           | WARRENTON    | VA (US) |
| IAP      | ILS OR LOC RWY 32          |     |     | OKV           | WINCHESTER   | VA (US) |
| IAP      | VOR-A                      |     |     | MRB           | MARTINSBURG  | WV (US) |
| STAR     | IRONS                      |     |     | DCA           | WASHINGTON   | DC (US) |
| STAR     | NUMMY                      |     |     | DCA           | WASHINGTON   | DC (US) |
| STAR     | COATT                      |     |     | IAD           | WASHINGTON   | DC (US) |
| STAR     | NUMMY                      |     |     | ADW           | CAMP SPRINGS | MD (US) |
| STAR     | NUMMY                      |     |     | DAA           | FORT BELVOIR | VA (US) |

**REQUIRED CHARTING:** DP, STAR, MILITARY IAP, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 31

**DATE OF REVISION:** 07/09/2026

**REASON FOR REVISION:**

-FIX USE: REMOVED IAP VOR-A KCJR, CULPEPER, VA.

-FIX USE: CHANGED TITLE FROM LOC/DME RWY 15 TO LOC RWY 15.

-HOLDING: REMOVED PAT 2 N CSN VORTAC, LT, 183.51 INBOUND.

-CONTROLLING OBSTRUCTIONS: REMOVED PAT 2 1555 AAO 384733.00N/0775021.00W.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A433

**NAME:** TROY PURNELL

**APPROVED BY:**

**DATE:** 06/04/2026

**OFFICE:** AJV-A433

**NAME:** ROBERT HAMILTON

**SIGNATURE:**