

# RADIO FIX AND HOLDING DATA RECORD

NAME: MATOX

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 371640.74N/0773046.05W

TYPE: WP, INT, DME

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 NM | MRA  | MAA   |
|-----|----------|-------|--------|-------|---------|----------|-------|------------------|------|-------|
| 1   | RICHMOND | RIC   | VORTAC | H     | 223.45  | 214.45   | 16.29 | 16.29            | 2000 | 17500 |
| 2   | HOPEWELL | HPW   | VORTAC | VL    | 267.00  | 261.00   |       | 19.24            | 2000 | 17500 |

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

## PATTERNS:

| PAT | DIR | IDENT | TYPE   | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME DME | HOLDING ALTITUDES MIN MAX | TEMPLATES MIN MAX |
|-----|-----|-------|--------|-------------|-------------|---------------|---------------------|---------------------------|-------------------|
| 1   | SW  | RIC   | VORTAC | 223.45      | 043.45      | R             | 1                   | 2000 5000                 | 4 12              |

## CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION       | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| 1   | 200      | TOWER (51-001625) | 372020.18N/0773037.83W | 652       | 1A            |
| 1   | 310      | TOWER (51-000772) | 371723.45N/0773539.67W | 692       | 1A            |

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

| PAT | PROCEDURE TITLE   | AIRPORT IDENT | CITY     | STATE   |
|-----|-------------------|---------------|----------|---------|
| 1   | ILS OR LOC RWY 33 | KFCI          | RICHMOND | VA (US) |

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
RICHMOND (FAC 1) AND HOPEWELL (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

| USE TYPE | USE TITLE          | FAC  | PAT | AIRPORT IDENT | CITY       | STATE   |
|----------|--------------------|------|-----|---------------|------------|---------|
| IAP      | LOC RWY 5          | 1    | 1   | KPTB          | PETERSBURG | VA (US) |
| IAP      | ILS OR LOC RWY 33  | 1, 2 | 1   | KFCI          | RICHMOND   | VA (US) |
| IAP      | RNAV (GPS) Z RWY 2 |      |     | KRIC          | RICHMOND   | VA (US) |
| IAP      | VOR RWY 20         | 1, 2 | 1   | KRIC          | RICHMOND   | VA (US) |

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 10/02/2025

## REASON FOR REVISION:

1. CHANGED HOPEWELL (HPW) VORTAC CLASS FROM "L" TO "VL."
2. EXPANDED MAX PATTERN FROM 6 TO 12.
3. ADDED CLIMB-IN-HOLD OBSTACLE.
4. ADDED KFCI ILS OR LOC RWY 33 TO PROCEDURES REQUIRING CLIMB-IN-HOLD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A33

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A33

NAME: KYLE THOMPSON

SIGNATURE:

*Digitally signed by*

**ALLAN WILL**

Aug 26, 2025

QUALITY  
13  
CHECKED