



IAP	LOC RWY 10	1	KFYJ	WEST POINT	VA (US)
IAP	VOR-A	1	KFYJ	WEST POINT	VA (US)
IAP	RNAV (GPS)-C	3	KJGG	WILLIAMSBURG	VA (US)
IAP	VOR-B	2	KJGG	WILLIAMSBURG	VA (US)
IAP	RNAV (GPS) RWY 23		W94	WILLIAMSBURG	VA (US)
IAP	RNAV (GPS) RWY 5		W94	WILLIAMSBURG	VA (US)
STAR	IRONS		KDCA	WASHINGTON	DC (US)
STAR	OUTLA (RNAV)	4	KLFI	HAMPTON	VA (US)
STAR	OUTLA (RNAV)	4	KPHF	NEWPORT NEWS	VA (US)
STAR	OUTLA (RNAV)	4	KCPK	NORFOLK	VA (US)
STAR	TERKS		KCPK	NORFOLK	VA (US)
STAR	OUTLA (RNAV)	4	KNGU	NORFOLK	VA (US)
STAR	TERKS		KNGU	NORFOLK	VA (US)
STAR	OUTLA (RNAV)	4	KORF	NORFOLK	VA (US)
STAR	TERKS		KORF	NORFOLK	VA (US)
STAR	OUTLA (RNAV)	4	KPVG	NORFOLK	VA (US)
STAR	TERKS		KPVG	NORFOLK	VA (US)
STAR	OUTLA (RNAV)	4	KSFQ	SUFFOLK	VA (US)
STAR	TERKS		KSFQ	SUFFOLK	VA (US)
STAR	OUTLA (RNAV)	4	KNTU	VIRGINIA BEACH	VA (US)
STAR	TERKS		KNTU	VIRGINIA BEACH	VA (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 32                      **DATE OF REVISION:** 03/19/2026

**REASON FOR REVISION:**  
REMOVED ORF RNAV (GPS) RWY 14 FROM FIX USE

**INITIATED BY:**                      **DATE:**                      **ORGANIZATION:**                      **NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**                      AJV-A433                      **NAME:** NICHOLAS HEIDERSTADT

**APPROVED BY:**                      **DATE:** 02/12/2026                      **OFFICE:** AJV-A433                      **NAME:** ROBERT HAMILTON

**SIGNATURE:**



# RADIO FIX AND HOLDING DATA RECORD

NAME: JAWES

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 370105.17N/0764245.76W

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	MRA	MAA
								NM FEET		
1	NEWPORT NEWS	I-PHF	LOC/DME		246.80	237.80	13.60	13.61	2000	4500
2	HARCUM	HCM	VORTAC	L	187.14	180.14		25.80	2000	4500
3	HOPEWELL	HPW	VORTAC	L	139.80	133.80		26.85	2000	4500

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	I-PHF	LOC/DME	246.80	066.80	L	1	2000 4500	4 6
2	SW	WP	WP	246.67	066.67	L	4	2000 6000	4 6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (51-070379)	365913.92N/0764119.35W	503	4D
2	200	TOWER (51-070379)	365913.92N/0764119.35W	503	4D

## REASON FOR NONSTANDARD HOLDING:

PAT 1 ARRIVAL SEPARATION FROM LANGLEY AFB TRAFFIC PATTERNS.  
PAT 2 ARRIVAL SEPARATION FROM LANGLEY AFB TRAFFIC PATTERNS.

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
I-PHF DME COORDINATES 370824.42N/0762825.64W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 7	1, 2, 3	1	KPHF	NEWPORT NEWS	VA (US)
IAP	RNAV (GPS) RWY 25		2	KPHF	NEWPORT NEWS	VA (US)
IAP	RNAV (GPS) RWY 7		2	KPHF	NEWPORT NEWS	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 05/21/2020

## REASON FOR REVISION:

UPDATED HOLDING PAT 1 AND 2 CONTROLLING OBSTRUCTION FROM TOWER (51-002103) 360 MSL TO TOWER(51-070379) 503 MSL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-A422

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: EST  
ARTCC: ZDC  
ATC FACILITY: ORF APP CON, PHF TOWER  
OTHER:

QUALITY  
39  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: JETIT

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 370418.42N/0763624.32W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC	MRA	MAA
								NM FEET		
1	NEWPORT NEWS	I-PHF	LOC/DME		246.80	237.80	7.58	7.58 46083	2000	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**REMARKS:**

I-PHF DME COORDINATES 370824.42N/0762825.64W

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 7	1		KPHF	NEWPORT NEWS	VA (US)
IAP	RNAV(GPS) RWY 7			KPHF	NEWPORT NEWS	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 05/21/2020

**REASON FOR REVISION:**

REMOVED FAC 2 HCM VORTAC FROM FIX MAKE UP - FACILITY RESTRICTION.  
REMOVED REMARK NEWPORT NEWS (FAC 1) AND HARCUM (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
UPDATED FIX TYPE, REMOVED INT.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: EST  
ARTCC: ZDC  
ATC FACILITY: ORF APP CON, PHF TOWER  
OTHER:

QUALITY  
39  
CHECKED



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** RIPPS **STATE:** VA **COUNTRY:** US **ICAO REGION CODE:** K6

**LATITUDE/LONGITUDE:** 371253.07N/0761922.96W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** MODIFY

**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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NE		WP	066.87	246.87	R	4	2500	6000	5	13

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	371318.00N/0762451.00W	210	4B
1	310	TOWER (51-001347)	371544.72N/0760045.58W	748	1A

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

**PROCEDURES REQUIRING CLIMB-IN-HOLD:**

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 7	KPHF	NEWPORT NEWS	VA (US)

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 7		1	KPHF	NEWPORT NEWS	VA (US)

**REQUIRED CHARTING:** IAP, EN ROUTE LOW, CONTROLLER LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 15

**DATE OF REVISION:** 03/19/2026

**REASON FOR REVISION:**

1. TYPE: CHANGED FROM "WP, INT, DME" TO "WP"
2. FIX MAKE-UP FACILITIES: REMOVED CAPE CHARLES VORTAC AND HARCUM VORTAC.
3. HOLDING PATTERNS: REMOVED HOLDING PATTERN "1 E CCV VORTAC 253.04 253.04 R 1 2500 6000 5 6"
4. HOLDING PATTERNS: UPDATED HOLDING PATTERN 1 MAX TEMPLATE FROM "6" TO "13".
5. CONTROLLING OBSTRUCTIONS: REMOVED "1 200 AAO 371609.00N/0762424.00W 230 4E".
6. CONTROLLING OBSTRUCTIONS: UPDATED HOLDING PATTERN 1 CONTROLLING FROM "200 AAO 371609.00N/0762424.00W 230 4E" TO "200 AAO 371318.00N/0762451.00W 210 4B".
7. CONTROLLING OBSTRUCTIONS: ADDED HOLDING PATTERN 1 OBSTRUCTION "310 TOWER (51-001347) 371544.72N/0760045.58W 748 1A".
8. REMARKS: REMOVED "CAPE CHARLES (FAC 1) AND HARCUM (FAC 2) USED TO ESTABLISH FIX COORDINATES."
9. FIX USE: REMOVED "IAP ILS OR LOC RWY 7 1, 2 1 KPHF NEWPORT NEWS VA (US)".
10. PROCEDURES REQUIRING CLIMB-IN-HOLD: ADDED "1 RNAV (GPS) RWY 7 KPHF NEWPORT NEWS VA (US)".

**INITIATED BY:** **DATE:** **ORGANIZATION:** **NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A431 **NAME:** DEVON KERCHER

**APPROVED BY:** **DATE:** 02/12/2026 **OFFICE:** AJV-A431 **NAME:** ROBERT HAMILTON

**SIGNATURE:**

