

# RADIO FIX AND HOLDING DATA RECORD

NAME: CALEY STATE: VA COUNTRY: US ICAO REGION CODE: K6  
 LATITUDE/LONGITUDE: 364427.24N/0762052.36W TYPE: WP, RADAR, 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	NORFOLK	I-ORF	LOC/DME		226.79	217.79	12.63	12.63	2100	4500
2	NORFOLK	ORF	VORTAC	H	225.20	218.20	11.51	11.51	2000	45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

## 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	ORF	VORTAC	225.20	045.20	R	1		2000	4000	4	4
2	SW		WP	225.20	045.20	R		4	2000	4000	4	5

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (51-000205)	364520.00N/0762306.00W	516	5D
2	200	TOWER (51-000205)	364520.00N/0762306.00W	516	5D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (GPS) M RWY 23		2	KORF	NORFOLK	VA (US)
IAP	ILS OR LOC RWY 23	1, 2	1	KORF	NORFOLK	VA (US)
IAP	ILS OR LOC RWY 5	1, 2		KORF	NORFOLK	VA (US)
IAP	RNAV (GPS) Z RWY 23		2	KORF	NORFOLK	VA (US)
IAP	RNAV (GPS) Z RWY 5			KORF	NORFOLK	VA (US)
IAP	RNAV (RNP) Y RWY 23		2	KORF	NORFOLK	VA (US)
IAP	RNAV (RNP) Y RWY 5			KORF	NORFOLK	VA (US)

REQUIRED CHARTING: IAP, SPECIAL IAP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 DATE OF REVISION: 04/20/2023

## REASON FOR REVISION:

ADDED FIX USE: SPECIAL IAP RNAV (GPS) M RWY 23 KORF AND INCLUDED USE OF PATTERN 2.  
 ADDED REQUIRED CHARTING: SPECIAL IAP AND CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY: DATE: ORGANIZATION: NAME:  
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A441 NAME: DIANE LAIR  
 APPROVED BY: DATE: 04/20/2023 OFFICE: AJV-A441 NAME: DONALD LANIER  
 SIGNATURE: *Digitally signed by*  
**DONALD H LANIER**  
 Mar 01, 2023



# RADIO FIX AND HOLDING DATA RECORD

NAME: CAPE CHARLES VORTAC      STATE: VA      COUNTRY: US      ICAO REGION CODE: K6  
 LATITUDE/LONGITUDE: 372051.14N/0755951.55W      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 NM	MRA	MAA
1	CAPE CHARLES	CCV	VORTAC	L	010.00	000.00				45000

HOLDING:      HOLDING TYPE OF ACTION: NO CHANGE

## 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	CCV	VORTAC	209.00	029.00	L	1	2000 6000	4 5
2	SW	CCV	VORTAC	210.00	030.00	L	1 1/2	24000 32000	19 23

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (51-001347)	371545.00N/0760044.00W	757	5D

REASON FOR NONSTANDARD HOLDING:  
 PAT 1 REMAIN CLEAR OF WARNING AREA.  
 PAT 2 REMAIN CLEAR OF WARNING AREA.

HOLDING RESTRICTIONS:  
 HOLDING LIMITED TO ESTABLISHED PATTERN(S)

## REMARKS:

CHART PAT 2 ON ENROUTE HIGH CHART.  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 ASSIGNED FACILITY MAG VAR: 10W/1985.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (GPS) M RWY 23			KORF	NORFOLK	VA (US)
DP	SWABY			KNHK	PATUXENT RIVER	MD (US)
DP	HENRY			KPHF	NEWPORT NEWS	VA (US)
DP	CHAMBERS			KNGU	NORFOLK	VA (US)
DP	COPTER PRIDE			KNHU	NORFOLK	VA (US)
DP	KISRR			KORF	NORFOLK	VA (US)
DP	OCEANA			KNTU	VIRGINIA BEACH	VA (US)
EN ROUTE	V1					(US)
EN ROUTE	V139					(US)
EN ROUTE	V286					(US)
EN ROUTE	V38					(US)
IAP	LOC RWY 3			KMFV	MELFA	VA (US)
IAP	RNAV (GPS) RWY 21			KMFV	MELFA	VA (US)
IAP	VOR RWY 3			KMFV	MELFA	VA (US)
IAP	ILS OR LOC RWY 07			KPHF	NEWPORT NEWS	VA (US)
IAP	ILS OR LOC RWY 25			KPHF	NEWPORT NEWS	VA (US)
IAP	LOC RWY 20			KPHF	NEWPORT NEWS	VA (US)
IAP	RNAV (GPS) RWY 20			KPHF	NEWPORT NEWS	VA (US)
IAP	RNAV (GPS) RWY 25			KPHF	NEWPORT NEWS	VA (US)
IAP	RNAV (GPS) RWY 28			KNGU	NORFOLK	VA (US)
IAP	COPTER RNAV (GPS) 276			KNHU	NORFOLK	VA (US)
IAP	ILS OR LOC RWY 23			KORF	NORFOLK	VA (US)
IAP	ILS OR LOC RWY 5		1	KORF	NORFOLK	VA (US)
IAP	RNAV (GPS) RWY 14			KORF	NORFOLK	VA (US)
IAP	RNAV (GPS) RWY 32			KORF	NORFOLK	VA (US)
IAP	RNAV (GPS) Z RWY 23			KORF	NORFOLK	VA (US)
IAP	GPS RWY 1			W75	SALUDA	VA (US)
IAP	RNAV (GPS)-B			KTGI	TANGIER	VA (US)
IAP	VOR/DME-A			KTGI	TANGIER	VA (US)
IAP	HI-TACAN RWY 23L/R			KNTU	VIRGINIA BEACH	VA (US)
STAR	TERKS			KCPK	CHESAPEAKE	VA (US)
STAR	TERKS			KNGU	NORFOLK	VA (US)
STAR	TERKS			KORF	NORFOLK	VA (US)
STAR	TERKS			KPVG	PORTSMOUTH	VA (US)
STAR	TERKS			KSFQ	SUFFOLK	VA (US)
STAR	TERKS			KNTU	VIRGINIA BEACH	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18

DATE OF REVISION: 04/20/2023



**REASON FOR REVISION:**

ADDED FIX USE: SPECIAL IAP RNAV (GPS) M RWY 23 KORF.  
ADDED REQUIRED CHARTING: SPECIAL IAP.

**INITIATED BY:****DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A441

**NAME:** DIANE LAIR**APPROVED BY:****DATE:** 04/20/2023**OFFICE:** AJV-A441**NAME:** DONALD LANIER**SIGNATURE:***Digitally signed by***DONALD H LANIER**

Mar 01, 2023

QUALITY  
26  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: JHALL STATE: VA COUNTRY: US ICAO REGION CODE: K6  
 LATITUDE/LONGITUDE: 370253.25N/0760304.46W 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	NORFOLK	I-JZQ	LOC/DME		046.80	037.80	10.67	12.48	2000	4500
2	HARCUM	HCM	VORTAC	L	134.00	127.00		39.70	2000	17500
3	NORFOLK	ORF	VORTAC	H	044.40	037.40	11.79	11.79	2000	17500

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

## 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	NE	I-JZQ	LOC/DME	046.80	226.80	L	1	2000 4000	5 6
2	NE	ORF	VORTAC	044.40	224.40	L	1	2000 4000	5 6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (51-001700)	371054.00N/0755746.00W	526	5D
2	230	TOWER (51-001700)	371054.00N/0755746.00W	526	5D

## REASON FOR NONSTANDARD HOLDING:

PAT 1 AVOIDANCE OF LANGLEY AFB CLASS D  
 PAT 2 AVOIDANCE OF LANGLEY AFB CLASS D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

NORFOLK (FAC 1) AND HARCUM (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
 FIX RESERVED BY ORF APP/CON.  
 FIX JHALL REPLACED FIX KLINK.  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 I-JZQ DME ANTENNA 365428.04N/0761116.38W.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (GPS) M RWY 23			KORF	NORFOLK	VA (US)
IAP	ILS OR LOC RWY 23	1, 2	1	KORF	NORFOLK	VA (US)
IAP	ILS OR LOC RWY 5	2, 3	2	KORF	NORFOLK	VA (US)
IAP	RNAV (GPS) Z RWY 23			KORF	NORFOLK	VA (US)
IAP	RNAV (RNP) Y RWY 23			KORF	NORFOLK	VA (US)

REQUIRED CHARTING: IAP, SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 04/20/2023

## REASON FOR REVISION:

ADDED FIX USE: SPECIAL IAP RNAV (GPS) M RWY 23 KORF.  
 ADDED REQUIRED CHARTING: SPECIAL IAP.

INITIATED BY: DATE: ORGANIZATION: NAME:  
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A441 NAME: DIANE LAIR  
 APPROVED BY: DATE: 04/20/2023 OFFICE: AJV-A441 NAME: DONALD LANIER  
 SIGNATURE: Digitally signed by DONALD H LANIER  
 Mar 01, 2023



# RADIO FIX AND HOLDING DATA RECORD

NAME: OMRIE

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 371111.54N/0760135.47W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE  
SPECIAL IAP  
IAP  
IAP  
IAP

USE TITLE  
RNAV (GPS) M RWY 23  
RNAV (GPS) Z RWY 23  
RNAV (RNP) Y RWY 05  
RNAV (RNP) Y RWY 23

FAC

PAT

AIRPORT IDENT

KORF  
KORF  
KORF  
KORF

CITY

NORFOLK  
NORFOLK  
NORFOLK  
NORFOLK

STATE

VA (US)  
VA (US)  
VA (US)  
VA (US)

REQUIRED CHARTING: IAP, SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/20/2023

## REASON FOR REVISION:

ADDED FIX USE: SPECIAL IAP RNAV (GPS) M RWY 23 KORF.  
ADDED REQUIRED CHARTING: SPECIAL IAP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A441

NAME: DIANE LAIR

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A441

NAME: DONALD LANIER

SIGNATURE:

*Digitally signed by*  
**DONALD H LANIER**  
Mar 01, 2023

QUALITY  
26  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: TERKS

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 372450.92N/0762750.53W

TYPE: WP, 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	FAC FEET	MRA	MAA
1	HARCUM	HCM	VORTAC	L	106.85	099.85	12.00	12.00		2000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (GPS) M RWY 23			KORF	NORFOLK	VA (US)
EN ROUTE	V38	1				(US)
IAP	RNAV (GPS) Z RWY 23			KORF	NORFOLK	VA (US)
STAR	TERKS	1		KORF	NORFOLK	VA (US)

REQUIRED CHARTING: STAR, IAP, EN ROUTE LOW, SPECIAL IAP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/20/2023

**REASON FOR REVISION:**

ADDED FIX USE: SPECIAL IAP RNAV (GPS) M RWY 23 KORF.

ADDED REQUIRED CHARTING: SPECIAL IAP AND CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A441

NAME: DIANE LAIR

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A441

NAME: DONALD LANIER

SIGNATURE:

*Digitally signed by*  
**DONALD H LANIER**  
 Mar 01, 2023

