

RADIO FIX AND HOLDING DATA RECORD

NAME: COFIELD VORTAC STATE: NC COUNTRY: US ICAO REGION CODE: K7
 LATITUDE/LONGITUDE: 362222.49N/0765217.56W 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	COFIELD	CVI	VORTAC	L						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	E	CVI	VORTAC	082.00	262.00	R	1	2000 14000	4 10
2	SE	CVI	VORTAC	136.00	316.00	R	1	2000 3000	4 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-020104)	362612.18N/0764324.88W	434	4D
2	200	TOWER (37-003119)	361629.56N/0764315.82W	463	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 FACILITY MAGVAR: 9W/1990.
 HOLDING PATTERN 2 CONTROLLING OBSTACLE MANUALLY CHOSEN DUE TO CLOSE PROXIMITY TO PRIMARY OEA.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J193					(US)
EN ROUTE	V1					(US)
EN ROUTE	V194					(US)
EN ROUTE	V260					(US)
EN ROUTE	V70					(US)
IAP	VOR-A		1	KASJ	AHOSKIE	NC (US)
IAP	ILS OR LOC RWY 19			KEDE	EDENTON	NC (US)
IAP	RNAV (GPS) RWY 19			KEDE	EDENTON	NC (US)
IAP	ILS OR LOC RWY 10		1	KECG	ELIZABETH CITY	NC (US)
IAP	LOC RWY 34 (ALT MISSED)		2	KEMV	EMPORIA	VA (US)
IAP	ILS OR LOC RWY 7			KPHF	NEWPORT NEWS	VA (US)
IAP	RNAV (GPS) RWY 7			KPHF	NEWPORT NEWS	VA (US)
IAP	ILS OR LOC RWY 5			KCPK	NORFOLK	VA (US)
IAP	LOC RWY 4	1	1	KSFQ	SUFFOLK	VA (US)
IAP	RNAV (GPS) RWY 4			KSFQ	SUFFOLK	VA (US)
IAP	RNAV (GPS) RWY 7			KSFQ	SUFFOLK	VA (US)
STAR	DRONE			KFAF	FORT EUSTIS	VA (US)
STAR	DRONE			KLFI	HAMPTON	VA (US)
STAR	DRONE			KPHF	NEWPORT NEWS	VA (US)
STAR	DRONE			KCPK	NORFOLK	VA (US)
STAR	DRONE			KNGU	NORFOLK	VA (US)
STAR	DRONE			KORF	NORFOLK	VA (US)
STAR	DRONE			KPVG	NORFOLK	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 DATE OF REVISION: 09/13/2018

REASON FOR REVISION:

UPDATED FIX USE.
 ADDED PATTERN 1 TO LOC RWY 4 (KSFQ).
 ADDED CONTROLLER LOW, CONTROLLER HIGH TO REQUIRED CHARTING.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 04/25/2018	OFFICE: AJV-5400	NAME: LONNIE EVERHART (MICHAEL HARRIS)
APPROVED BY:	DATE:	OFFICE: AJV-5400	NAME: LONNIE EVERHART
SIGNATURE:			

QUALITY
10
CHECKED

DISTRIBUTION: **NFDC**
 FPO: EST
 ARTCC: ZDC
 ATC FACILITY: ORF APP CON
 OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NORFOLK VORTAC STATE: VA COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 365330.84N/0761201.17W TYPE:

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	NORFOLK	ORF	VORTAC	H							45000
2	CAPE CHARLES	CCV	VORTAC	L	209.67	199.67	28.98	28.98		2000	24500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CCV	VORTAC	R-210	30	18000	45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

FAC 2 ADDED TO COVER SUBSTITUTE ROUTES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HENRY			KPHF	NEWPORT NEWS	VA (US)
DP	KISRR			KORF	NORFOLK	VA (US)
EN ROUTE	AR9					(US)
EN ROUTE	J121					(US)
EN ROUTE	J174					(US)
EN ROUTE	J209					(US)
EN ROUTE	V1					(US)
EN ROUTE	V139					(US)
IAP	ILS OR LOC RWY 25			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	ILS OR LOC RWY 5			KCPK	NORFOLK	VA (US)
IAP	RNAV (GPS) RWY 23			KCPK	NORFOLK	VA (US)
IAP	VOR/DME RWY 23			KCPK	NORFOLK	VA (US)
IAP	ILS OR LOC RWY 23			KORF	NORFOLK	VA (US)
IAP	ILS OR LOC RWY 5			KORF	NORFOLK	VA (US)
IAP	RIVER VISUAL RWY 5			KORF	NORFOLK	VA (US)
IAP	VOR RWY 14			KORF	NORFOLK	VA (US)
IAP	VOR/DME RWY 32			KORF	NORFOLK	VA (US)
IAP	LOC RWY 4			KSFQ	SUFFOLK	VA (US)
IAP	RNAV (GPS) RWY 25			KSFQ	SUFFOLK	VA (US)
IAP	RNAV (GPS) RWY 4			KSFQ	SUFFOLK	VA (US)
IAP	RNAV (GPS) RWY 20			KAKQ	WAKEFIELD	VA (US)
STAR	SMYRNA			KDOV	DOVER	DE (US)
STAR	DRONE			KCPK	NORFOLK	VA (US)
STAR	DRONE			KNGU	NORFOLK	VA (US)
STAR	DRONE			KORF	NORFOLK	VA (US)
STAR	DRONE			KPVG	NORFOLK	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 DATE OF REVISION: 02/01/2018

REASON FOR REVISION:

DELETED FAC 3 (FKN;C) DUE TO DECOMMISSIONING.
 DELETED ESV FOR FKN;C.
 UPDATED FIX USE FOR VOR RWY 14 KORF.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 07/05/2017	OFFICE: AJV-5431	NAME: ROBERT GRIM
APPROVED BY:	DATE:	OFFICE: AJV-5430	NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION: NFDC
 FPO: EST
 ARTCC: ZDC
 ATC FACILITY: ORF APP CON
 OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: OLUCE STATE: NC COUNTRY: US ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 362921.03N/0764409.83W TYPE: WP, INT, 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 NM	FAC FEET	MRA	MAA
1	SUFFOLK	I-RKH	LOC/DME		220.01	210.01	13.92	13.92		2000	4500
2	ELIZABETH CITY	ECG	VOR/DME	L	304.23	297.23		30.50		2000	17500
3	COFIELD	CVI	VORTAC	L	052.24	043.24	9.57	9.57		2000	17500
4	NORFOLK	ORF	VORTAC	H	234.13	227.13	35.36	35.36		2500	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	SW		WP	219.92	039.92	R		4	2000	6000	4	6
2	SW	I-RKH	LOC	220.01	040.01	R	1		2000	4500	5	7
3	SW	ORF	VORTAC	234.13	054.13	R	1		2500	4500	6	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-020104)	362612.18N/0764324.88W	434	4D
2	200	TOWER (37-020104)	362612.18N/0764324.88W	434	4D
3	200	TOWER (37-020104)	362612.18N/0764324.88W	434	4D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

SUFFOLK (FAC 1) AND ELIZABETH CITY (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 4	1, 2, 3, 4	2	KSFQ	SUFFOLK	VA (US)
IAP	RNAV (GPS) RWY 22		1	KSFQ	SUFFOLK	VA (US)
IAP	RNAV (GPS) RWY 4		1	KSFQ	SUFFOLK	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 DATE OF REVISION: 09/13/2018

REASON FOR REVISION:

CHANGED FAC 1 TYPE FROM LOC TO LOC/DME AND ADDED DME, AND MAG/TRUE BRG FROM 220.00/210.00 TO 220.01/210.01.
CHANGED PAT 2 RAD/CRS INBOUND FROM 220.00/040.00 TO 220.01/040.01.
REMOVED FIX USE LOC RWY 4 (ALT MA).

INITIATED BY: DATE: ORGANIZATION: NAME:
DEVELOPED BY: DATE: 04/23/2018 OFFICE: AJV-5400 NAME: LONNIE EVERHART (MICHAEL HARRIS)
APPROVED BY: DATE: OFFICE: AJV-5400 NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: ORF APP CON
OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SIMLE

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 363900.46N/0763715.86W

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 NM	FAC FEET	MRA	MAA
1	SUFFOLK	I-RKH	LOC/DME		220.01	210.01	2.79	2.79		560	4500
2	COFIELD	CVI	VORTAC	L	045.03	036.03	20.56	20.56		560	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

SUFFOLK (FAC 1) AND COFIELD (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 4	1, 2		KSFQ	SUFFOLK	VA (US)
IAP	RNAV (GPS) RWY 4			KSFQ	SUFFOLK	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 09/13/2018

REASON FOR REVISION:

CHANGED FAC 1 TYPE FROM LOC TO LOC/DME AND ADDED DME, AND MAG/TRUE BRG FROM 220.00/210.00 TO 220.01/210.01.
LOWERED FAC 1 AND 2 MRA FROM 580 TO 560.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/23/2018

OFFICE: AJV-5400

NAME: LONNIE EVERHART (MICHAEL HARRIS)

APPROVED BY:

DATE:

OFFICE: AJV-5400

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZAXIB

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 363525.47N/0763949.69W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	SUFFOLK	I-RKH	LOC/DME		220.01	210.01	6.92	6.92	42045	2000	4500
2	ELIZABETH CITY	ECG	VOR/DME	L	317.30	310.30		30.93		2000	17500
3	COFIELD	CVI	VORTAC	L	046.58	037.58	16.46	16.46		2000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

SUFFOLK (FAC 1) AND ELIZABETH CITY (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 4	1, 2, 3		KSFQ	SUFFOLK	VA (US)
IAP	RNAV (GPS) RWY 4			KSFQ	SUFFOLK	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 09/13/2018

REASON FOR REVISION:

CHANGED FAC 1 TYPE FROM LOC TO LOC/DME AND ADDED DME,AND MAG/TRUE BRG FROM 220.00/210.00 TO 220.01/210.01.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/23/2018

OFFICE: AJV-5400

NAME: LONNIE EVERHART (MICHAEL HARRIS)

APPROVED BY:

DATE:

OFFICE: AJV-5400

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

QUALITY
10
CHECKED