

RADIO FIX AND HOLDING DATA RECORD

NAME: DRONE

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 363145.23N/0764015.05W

TYPE: WP, DME

AIRSPACE DOCKET: 22-AEA-21

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	ORF	VORTAC	VH	233.39	226.39	31.43	31.43	2500	17500
2	CHAMBERS	NGU	TACAN	L	227.75	217.75	31.08	31.08	16000	18000
3	COFIELD	CVI	VORTAC	L	054.99	045.99	13.49	13.49	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	ORF	VORTAC	233.39	053.39	R	1		2500	17500	6	18
2	SW	NGU	TACAN	227.75	047.75	R		10	16000	18000	17	18
3	SW	CVI	VORTAC	054.99	054.99	R	1		2000	4000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (51-001066)	363541.00N/0764056.00W	486	3C
2	265	TOWER (51-001066)	363541.00N/0764056.00W	486	3C
3	200	TOWER (37-020104)	362612.18N/0764324.88W	434	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

REMARKS:

COFIELD (FAC 3) USED TO ESTABLISH FIX COORDINATES.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

ORF VORTAC IS RESTRICTED BELOW 2500 FT BEYOND 30 NM.

ORF RESTRICTION, CVI NO COURSE SIGNAL ZONE, AND V1 ALTITUDES 2000-17500 DRIVE REQUIREMENT FOR DOCUMENTING BOTH PATS 1 AND 3 FOR USE ON V1. PATS USE SAME GROUNDTRACK

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (GPS) M RWY 5			KORF	NORFOLK	VA (US)
EN ROUTE	T480					(US)
EN ROUTE	V1	1, 3	1, 3			(US)
IAP	ILS OR LOC RWY 5	3	3	KCPK	NORFOLK	VA (US)
IAP	RNAV (GPS) RWY 5			KCPK	NORFOLK	VA (US)
IAP	HI-TACAN RWY 10	2	2	KNGU	NORFOLK	VA (US)
IAP	HI-TACAN RWY 28	2	2	KNGU	NORFOLK	VA (US)
IAP	RNAV (GPS) Z RWY 5			KORF	NORFOLK	VA (US)
IAP	RNAV (GPS) RWY 10			KPVG	NORFOLK	VA (US)
STAR	DRONE	1, 2, 3	1	KFAF	FORT EUSTIS	VA (US)
STAR	DRONE	1, 2, 3	1	KLFI	HAMPTON	VA (US)
STAR	DRONE	1, 2, 3	1	KPHF	NEWPORT NEWS	VA (US)
STAR	DRONE	1, 2, 3	1	KCPK	NORFOLK	VA (US)
STAR	DRONE	1, 2, 3	1	KNGU	NORFOLK	VA (US)
STAR	DRONE	1, 2, 3	1	KORF	NORFOLK	VA (US)
STAR	DRONE	1, 2, 3	1	KPVG	NORFOLK	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 22-AEA-21.

HOLDING: CHANGED PAT 3 RAD/CRS/BRG FROM 234.99 TO 054.99 - HOLDING IS AWAY FROM THE NAVAID.

FIX USE: ADDED T480. REMOVED V266. REMOVED FAC 2 FROM V1 - TACAN NOT USED FOR AIRWAY. ADDED KCPK ILS OR LOC RWY 5.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: MAZON

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 364523.24N/0772202.91W

TYPE: WP, DME

AIRSPACE DOCKET: 22-ASO-23

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	HOPEWELL	HPW	VORTAC	L	205.48	199.48	36.37	36.37		2000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T480					(US)
EN ROUTE	V213	1				(US)
IAP	RNAV (GPS) RWY 9			KFKN	FRANKLIN	VA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

ADDED AIRSPACE DOCKET 22-ASO-23.

REMOVED V266 FROM FIX USE.

ADDED EN ROUTE T480 TO FIX USE - AIRSPACE DOCKET 22-AEA-21.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: ROBERT SWINSON

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SOUTH BOSTON VORTAC

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 364030.14N/0790052.20W

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 FEET	MRA	MAA
1	SOUTH BOSTON	SBV	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	NE	SBV	VORTAC	032.00	212.00	R	1	10000 14000	9 10
2	W	SBV	VORTAC	260.55	080.55	R	1	3000 6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (51-001114)	364359.21N/0785602.02W	975	1A
2	200	AAO	364218.00N/0790836.00W	804	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.
PAT 1 HOLDING PATTERN FOR ATC USE.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
SBV MAG VAR: 1970/W05.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	QUAKER			KGSO	GREENSBORO	NC (US)
DP	RALEIGH			KRDU	RALEIGH/DURHAM	NC (US)
DP	QUAKER			KINT	WINSTON SALEM	NC (US)
DP	BLACKSTONE			KBKT	BLACKSTONE	VA (US)
EN ROUTE	V136					(US)
EN ROUTE	V20					(US)
EN ROUTE	V266					(US)
EN ROUTE	V39					(US)
IAP	ILS OR LOC RWY 5L			KGSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 5R			KGSO	GREENSBORO	NC (US)
IAP	ILS RWY 5L (CAT II & III)			KGSO	GREENSBORO	NC (US)
IAP	ILS RWY 5R (SA CAT II)			KGSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 5			KLHZ	LOUISBURG	NC (US)
IAP	LOC RWY 6			KHNZ	OXFORD	NC (US)
IAP	ILS OR LOC RWY 23L			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS OR LOC RWY 23R			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS OR LOC RWY 5R			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS RWY 23R (CAT II & III)			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS RWY 5R (SA CAT I & II)			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS OR LOC RWY 6			KTDF	ROXBORO	NC (US)
IAP	RNAV (GPS) RWY 18			KCXE	CHASE CITY	VA (US)
IAP	RNAV (GPS) RWY 36			KCXE	CHASE CITY	VA (US)
IAP	ILS OR LOC RWY 2		2	KDAN	DANVILLE	VA (US)
IAP	RNAV (GPS) RWY 2			KDAN	DANVILLE	VA (US)
IAP	RNAV (GPS) RWY 20			KDAN	DANVILLE	VA (US)
IAP	ILS OR LOC RWY 4			KLYH	LYNCHBURG	VA (US)
IAP	RNAV (GPS) RWY 1			W78	SOUTH BOSTON	VA (US)
IAP	VOR-A		2	W78	SOUTH BOSTON	VA (US)
IAP	LOC RWY 1			KAVC	SOUTH HILL	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 22

DATE OF REVISION: 03/21/2024

REASON FOR REVISION:

UPDATED FIX USE, DELETED HICKORY DP AT KHKY.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: FRANK JACKSON

APPROVED BY:

DATE: 10/05/2023

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SUNNS

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 362624.74N/0763028.21W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 22-AEA-21

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	ORF	VORTAC	VH	215.83	208.83	30.87	30.87	2500	17500
2	COFIELD	CVI	VORTAC	L	086.00	077.00	18.07	18.07	2000	17500
3	ELIZABETH CITY	ECG	VOR/DME	L	311.30	304.30	19.47	19.47	3000	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	226.74	046.74	R		4	2000	4000	4	5
2	SE	ECG	VOR/DME	131.30	311.30	R	1		3000	6000	5	6
3	SE		WP	131.30	311.30	R		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-001720)	362659.60N/0763554.60W	452	2C
2	200	WINDMILL (37-022607)	362022.80N/0762450.89W	515	5D
3	200	WINDMILL (37-022606)	362038.37N/0762459.56W	514	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

NORFOLK (FAC 1) AND ELIZABETH CITY (FAC 3) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (GPS) RWY 21			NC01	HERTFORD	NC (US)
SPECIAL IAP	RNAV (GPS) RWY 3		3	NC01	HERTFORD	NC (US)
DP	OCEANA	2, 3		KNTU	VIRGINIA BEACH	VA (US)
EN ROUTE	T307					(US)
EN ROUTE	T480					(US)
EN ROUTE	V139	1, 2, 3				(US)
EN ROUTE	V194	1, 2, 3				(US)
EN ROUTE	V266	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 23		3	KONX	CURRITUCK	NC (US)
IAP	RNAV (GPS) RWY 19			KEDE	EDENTON	NC (US)
IAP	ILS OR LOC RWY 10	2, 3	2	KECG	ELIZABETH CITY	NC (US)
IAP	RNAV (GPS) RWY 10		1	KECG	ELIZABETH CITY	NC (US)
IAP	RNAV (GPS) RWY 19			KECG	ELIZABETH CITY	NC (US)
IAP	RNAV (GPS) RWY 28			KECG	ELIZABETH CITY	NC (US)
IAP	VOR/DME RWY 19	2, 3		KECG	ELIZABETH CITY	NC (US)
IAP	RNAV (GPS) RWY 27			KFKN	FRANKLIN	VA (US)
IAP	RNAV (GPS) RWY 5			KCPK	NORFOLK	VA (US)
IAP	RNAV (GPS) RWY 32			KORF	NORFOLK	VA (US)

REQUIRED CHARTING: MILITARY DP, IAP, SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

ADDED AIRSPACE DOCKET 22-AEA-21.
REMOVED "MCA V266 5000 SOUTHEAST BOUND" FROM FIX RESTRICTIONS.
ADDED RNAV (GPS) RWY 27 AT KFKN TO FIX USE.
ADDED EN ROUTE T480 TO FIX USE.
CHANGED COMPULSORY REPORTING FROM "LOW" TO "NO".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: ROBERT SWINSON

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: