

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: FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	NORFOLK	ORF	VORTAC	H	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	234.99	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
EN ROUTE	V266	1				(US)
EN ROUTE	V1	1, 2, 3	1, 3			NC (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, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 DATE OF REVISION: 08/15/2019

REASON FOR REVISION:

1. CHANGED DME AND DISTANCE FROM ORF FROM 31.42 TO 31.43.
2. ADDED CONTROLLER LOW TO REQUIRED CHARTING.
3. DELETED CONTROLLER FROM REQUIRED CHARTING.
4. HOLDING PATTERN NUMBER 1 LEG LENGTH TIME CHANGED FROM 1-1 1/2 TO 1.

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A433 NAME: FRANK MOORE
 APPROVED BY: DATE: 05/09/2019 OFFICE: AJV-A43 NAME: PATRICK MULQUEEN
 SIGNATURE:
 DISTRIBUTION: NFDC
 FPO: EST

ARTCC: ZDC
ATC FACILITY: ORF APP CON
OTHER:

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
2	W	SBV	VORTAC	260.55	080.55	R	1	3000	6000

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	JEFSN (RNAV)			KADW	CAMP SPRINGS	MD (US)
DP	QUAKER			KGSO	GREENSBORO	NC (US)
DP	HICKORY			KHKY	HICKORY	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	VOR RWY 23L			KRDU	RALEIGH/DURHAM	NC (US)
IAP	VOR RWY 32			KRDU	RALEIGH/DURHAM	NC (US)
IAP	VOR RWY 5R			KRDU	RALEIGH/DURHAM	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	VOR RWY 2			KDAN	DANVILLE	VA (US)
IAP	VOR 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)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 19

DATE OF REVISION: 02/25/2021

REASON FOR REVISION:

- FIX USE: REMOVED ALDAN (RNAV) STAR AND SOUTH BOSTON STAR FROM ALL AIRPORTS.
- FIX USE: REMOVED KRDU ILS OR LOC RWY 5L AND 23L, ILS OR LOC RWY 5R AND ILS RWY 5R (CAT II & III) - FAC IS ONLY USED AS A CROSSING RADIAL)
- CHARTING: REMOVED STAR AND ADDED CONTROLLER LOW AND CONTROLLER HIGH

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A431	NAME: TARA MARTINELLI
APPROVED BY:	DATE:	OFFICE: AJV-A430	NAME: GEORGE DAVIS
	SIGNATURE:		
DISTRIBUTION:	NFDC FPO: EST ARTCC: ZDC ATC FACILITY: RDU APP CON OTHER:		