

RADIO FIX AND HOLDING DATA RECORD

NAME: ELIZABETH CITY VOR/DME STATE: NC COUNTRY: US ICAO REGION CODE: K7
 LATITUDE/LONGITUDE: 361527.26N/0761032.15W 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	MAA
1	ELIZABETH CITY	ECG	VOR/DME	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	N	ECG	VOR/DME	004.00	184.00	R	1	1600 6000	4 5
2	W	ECG	VOR/DME	271.00	091.00	L	1	1600 6000	4 5
3	SW	ECG	VOR/DME	229.53	049.53	L	1	4000 6000	13 13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-002217)	361825.00N/0761609.00W	542	5D
2	200	TOWER (37-002217)	361825.00N/0761609.00W	542	5D
3	310	TOWER (37-002114)	360600.00N/0762830.00W	549	2C

REASON FOR NONSTANDARD HOLDING:

PAT 2 AIRSPACE REQUIREMENTS
 PAT 3 AIRSPACE REQUIREMENTS

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
3	VOR/DME A	KONX	CURRITUCK	NC (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.
 TETHERED BALLOON REMOVED FROM DATA BASE BUT CAN BE DEPLOYED WHEN NOTAMED ACTIVE.
 PATTERN 3 AIRSPACE OVERLIES R-5301 WHEN HOLDING ABOVE 4000.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	AR 8					(US)
EN ROUTE	V 266					(US)
EN ROUTE	V 310					(US)
EN ROUTE	V 472					(US)
IAP	VOR/DME A		3	KONX	CURRITUCK	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			KECG	ELIZABETH CITY	NC (US)
IAP	NDB RWY 10			KECG	ELIZABETH CITY	NC (US)
IAP	RNAV (GPS) RWY 19			KECG	ELIZABETH CITY	NC (US)
IAP	VOR/DME RWY 10		2	KECG	ELIZABETH CITY	NC (US)
IAP	VOR/DME RWY 19		1	KECG	ELIZABETH CITY	NC (US)
IAP	VOR/DME RWY 28			KECG	ELIZABETH CITY	NC (US)
IAP	NDB RWY 17			KMQI	MANTEO	NC (US)
IAP	NDB RWY 5			KMQI	MANTEO	NC (US)
IAP	RNAV (GPS) RWY 5			KCPK	CHESAPEAKE	VA (US)
IAP	ILS OR LOC RWY 5			KCPK	NORFOLK	VA (US)
IAP	RNAV (GPS) Z RWY 5			KORF	NORFOLK	VA (US)
IAP	ILS OR LOC RWY 10			KPVG	NORFOLK	VA (US)
IAP	LOC RWY 4			KSFQ	SUFFOLK	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

1. REMOVED KMQI VOR RWY 17 FROM FIX USE - PROCEDURE CANCELED.
2. ADDED CONTROLLER LOW TO REQUIRED CHARTING.
3. ADDED ILS OR LOC RWY 10 KPVG TO FIX USE.

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

AJV-A430

NAME: DEXTER SWEETING**APPROVED BY:****DATE:****OFFICE:** AJV-A430**NAME:** GEORGE DAVIS**SIGNATURE:****DISTRIBUTION:**

NFDC

FPO: EST

ARTCC: ZDC

ATC FACILITY: NTU/ORF APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: HOPEWELL VORTAC STATE: VA COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 371943.93N/0770657.40W 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 FEET	MAA
1	HOPEWELL	HPW	VORTAC	L						45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
HPW	VORTAC	R-198	14	21000	37000

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	HPW	VORTAC	025.00	205.00	L	1		2000	6000	4	5
2	E	HPW	VORTAC	072.00	252.00	L	1		2000	6000	4	5
3	S	HPW	VORTAC	183.00	003.00	R	1		2000	6000	4	5
4	S	HPW	VORTAC	197.94	017.94	L	1 1/2		21000	37000	18	26

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (51-000322)	372315.00N/0770343.00W	530	5D
2	200	TOWER (51-000322)	372315.00N/0770343.00W	530	5D
3	200	TOWER (51-000322)	372315.00N/0770343.00W	530	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
 PAT 2 ATC REQUEST
 PAT 4 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

CHART PAT 4 ON ENROUTE HIGH PER ATC REQUEST.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAG VAR: 6W/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SWABY			KNHK	PATUXENT RIVER	MD (US)
DP	HENRY			KPHF	NEWPORT NEWS	VA (US)
DP	KISRR			KORF	NORFOLK	VA (US)
DP	OCEANA			KNTU	VIRGINIA BEACH	VA (US)
EN ROUTE	J191		4			(US)
EN ROUTE	J55					(US)
EN ROUTE	V189					(US)
EN ROUTE	V213					(US)
EN ROUTE	V260					(US)
EN ROUTE	V454					(US)
EN ROUTE	V615					(US)
IAP	LOC RWY 34			KEMV	EMPORIA	VA (US)
IAP	COPTER RNAV (GPS) RWY 14			KFAF	FORT EUSTIS	VA (US)
IAP	RNAV (GPS) RWY 14			KFAF	FORT EUSTIS	VA (US)
IAP	RNAV (GPS) RWY 27			KFKN	FRANKLIN	VA (US)
IAP	ILS OR LOC RWY 7			KPHF	NEWPORT NEWS	VA (US)
IAP	ILS OR LOC RWY 10			KPVG	NORFOLK	VA (US)
IAP	LOC RWY 5		3	KPTB	PETERSBURG	VA (US)
IAP	RNAV (GPS) RWY 23			KPTB	PETERSBURG	VA (US)
IAP	VOR RWY 23		2	KPTB	PETERSBURG	VA (US)
IAP	RNAV (GPS) RWY 29			KW96	QUINTON	VA (US)
IAP	VOR-A		3	KW96	QUINTON	VA (US)
IAP	ILS OR LOC RWY 33			KFCI	RICHMOND	VA (US)
IAP	ILS OR LOC RWY 16		1	KRIC	RICHMOND	VA (US)
IAP	ILS OR LOC RWY 2 (ALT MA)		3	KRIC	RICHMOND	VA (US)
IAP	ILS OR LOC RWY 34		1	KRIC	RICHMOND	VA (US)
IAP	ILS RWY 34 (CAT II - III)		1	KRIC	RICHMOND	VA (US)
IAP	ILS RWY 34 (SA CAT I)		1	KRIC	RICHMOND	VA (US)
IAP	RNAV (GPS) Z RWY 2			KRIC	RICHMOND	VA (US)
IAP	RNAV (GPS) Z RWY 20			KRIC	RICHMOND	VA (US)
IAP	RNAV (GPS) Z RWY 34			KRIC	RICHMOND	VA (US)
IAP	VOR RWY 16		1	KRIC	RICHMOND	VA (US)
IAP	VOR RWY 2			KRIC	RICHMOND	VA (US)
IAP	VOR RWY 20			KRIC	RICHMOND	VA (US)
IAP	LOC RWY 01			KAVC	SOUTH HILL	VA (US)

QUALITY
3
CHECKED

IAP	NDB RWY 20		KAKQ	WAKEFIELD	VA (US)
IAP	LOC RWY 10	3	KFYJ	WEST POINT	VA (US)
IAP	RNAV (GPS) RWY 10		KFYJ	WEST POINT	VA (US)
IAP	RNAV (GPS)-C		KJGG	WILLIAMSBURG	VA (US)
IAP	VOR - B		KJGG	WILLIAMSBURG	VA (US)
IAP	RNAV (GPS) RWY 5		KW94	WILLIAMSBURG	VA (US)
STAR	SMYRNA		KDOV	DOVER	DE (US)
STAR	ARGAL		KRDU	RALEIGH/DURHAM	NC (US)
STAR	KAROO (RNAV)		KRDU	RALEIGH/DURHAM	NC (US)
STAR	JAIKE (RNAV)		KCDW	CALDWELL	NJ (US)
STAR	JAIKE (RNAV)		KLDJ	LINDEN	NJ (US)
STAR	JAIKE (RNAV)		K47N	MANVILLE	NJ (US)
STAR	JAIKE (RNAV)		KMMU	MORRISTOWN	NJ (US)
STAR	JAIKE (RNAV)		KSMQ	SOMERVILLE	NJ (US)
STAR	JAIKE (RNAV)		KTEB	TETERBORO	NJ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 25

DATE OF REVISION: 01/30/2020

REASON FOR REVISION:

1. FIX USE SECTION: REMOVED J208 EN ROUTE. ADDED LOC RWY 34 IAP @ KEMV AND LOC RWY 01 IAP @ KAVC.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** MICHAEL GARRITY

APPROVED BY: **DATE:** **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

Digitally signed by

SIGNATURE: **ALLAN WILL**

Oct 30, 2019

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

QUALITY
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CHECKED