

RADIO FIX AND HOLDING DATA RECORD

NAME: GEPKE STATE: VA COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 364619.82N/0773008.12W 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	HOPEWELL	HPW	VORTAC	L	215.20	209.20	38.17	38.17	5000	17500

HOLDING: HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SW		WP	216.98	036.98	R		4000	6000	5	14
2	NE	HPW	VORTAC	035.20	215.20	R	1	5000	6000	5	14

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (51-001918)	363920.40N/0773420.90W	669	5D
1	310	TOWER (37-001118)	363237.00N/0774358.00W	776	5D
2	200	TOWER (51-002414)	364425.37N/0773056.13W	358	1A
2	310	TOWER (51-000083)	365640.00N/0773713.00W	683	1D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS)-A	KLVL	LAWRENCEVILLE	VA (US)
2	LOC RWY 34	KEMV	EMPORIA	VA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V266	1				(US)
EN ROUTE	V615	1				(US)
IAP	LOC RWY 34	1	2	KEMV	EMPORIA	VA (US)
IAP	RNAV (GPS)-A		1	KLVL	LAWRENCEVILLE	VA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 12/02/2021

REASON FOR REVISION:

1. TYPE: REMOVED INT.
2. FIX MAKE-UP: REMOVED FAC LVL VORTAC AND ALL ASSOCIATED NOTES - LVL VORTAC PERM OTS.
3. PATTERNS: CHANGED PAT 1 MIN/MAX TEMPLATES FROM 5/6 TO 5/14.
4. PATTERNS: CHANGED PAT 2 MIN/MAX TEMPLATES FROM 7/7 TO 5/14.
5. CONTROLLING OBS: CHANGED PAT 2 200 AIRSPEED AC CODE FROM 4D TO 1A.
6. CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 12/02/2021

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

Digitally signed by
DONALD H LANIER
 Aug 09, 2021

QUALITY
 32
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RADIO FIX AND HOLDING DATA RECORD

NAME: HARVY

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 364446.20N/0782818.98W

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	RALEIGH/DURHAM	RDU	VORTAC	H	025.00	016.00	54.48	54.48	3000	17500
2	SOUTH BOSTON	SBV	VORTAC	L	085.59	080.59	26.52	26.52	2300	17500
3	FLAT ROCK	FAK	VORTAC	H	219.57	213.57	56.14	56.14	6000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
FAK	VORTAC	R-220	57	6000	15000
RDU	VORTAC	R-025	55	3000	15000

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	213.00	033.00	R		4	3000	6000	5	6
2	NE		WP	040.57	220.57	R		4	3000	6000	5	6
3	E		WP	089.25	269.25	L		4	3000	6000	5	6
4	E	SBV	VORTAC	085.59	265.59	L	1		3000	6000	6	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	364851.00N/0782857.00W	814	2C
2	200	AAO	364851.00N/0782857.00W	814	2C
3	200	TOWER (51-000268)	364624.00N/0782041.00W	799	4D
4	200	AAO	364851.00N/0782909.00W	824	4E

REASON FOR NONSTANDARD HOLDING:

PAT 3 AT REQUEST
PAT 4 AT REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

RALEIGH/DURHAM (FAC 1) AND SOUTH BOSTON (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	OXFRD (RNAV)			KRDU	RALEIGH/DURHAM	NC (US)
EN ROUTE	V266	1, 2, 3				(US)
EN ROUTE	V3	1, 2, 3				(US)
IAP	RNAV (GPS) - A		1	W63	CLARKSVILLE	VA (US)
IAP	RNAV (GPS) - B		3	W63	CLARKSVILLE	VA (US)
IAP	RNAV (GPS) RWY 1		2	W78	SOUTH BOSTON	VA (US)
IAP	LOC RWY 1	1, 2	4	KAVC	SOUTH HILL	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 12/02/2021

REASON FOR REVISION:

ESV: CHANGED RDU ESV FROM R-020 TO R-025 AND MAX ALT FROM 18000 TO 15000 - MATCHES CURRENT ESV IN ESVMs.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 12/02/2021

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

Digitally signed by
DONALD H LANIER
Aug 09, 2021



RADIO FIX AND HOLDING DATA RECORD

NAME: LAWRENCEVILLE VORTAC **STATE:** VA **COUNTRY:** US **ICAO REGION CODE:** K6
LATITUDE/LONGITUDE: 364904.93N/0775410.69W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	LAWRENCEVILLE	LVL	VORTAC	L						17500

HOLDING: **HOLDING TYPE OF ACTION:** CANCEL

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPACE	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	230	TOWER (51-000428)	365202.50N/0775329.90W	873	5D

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 2000.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	RALEIGH			KRDU	RALEIGH/DURHAM	NC (US)
EN ROUTE	V155					(US)
EN ROUTE	V157					(US)
EN ROUTE	V266					(US)
EN ROUTE	V454					(US)
IAP	RNAV (GPS) RWY 05			KPTB	PETERSBURG	VA (US)
IAP	RNAV (GPS) RWY 23			KPTB	PETERSBURG	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 **DATE OF REVISION:** 02/25/2021

REASON FOR REVISION:

DELETED BEXGO (RNAV) DP AT KRDU FROM FIX USE - FPT/ATC REQUEST, FACILITY NO LONGER USED ON PROCEDURE.

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

OFFICE OF PRIMARY RESPONSIBILITY: **NAME:**

APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** LONNIE EVERHART

SIGNATURE: *Digitally signed by*

DONALD H LANIER

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

Aug 09, 2021

QUALITY
32
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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:

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	V213	1				(US)
EN ROUTE	V266	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: 9

DATE OF REVISION: 12/02/2021

REASON FOR REVISION:

CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 12/02/2021

OFFICE: AJV-A430

NAME: LONNIE EVERHART

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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: 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	086.00	077.00	18.07	18.07	2000	17500
2	ELIZABETH CITY	ECG	VOR/DME	L	311.30	304.30	19.47	19.47	3000	17500

FIX RESTRICTIONS:

MCA V266 5000 SOUTHEAST BOUND

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		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:

COFIELD (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
DP	OCEANA	1, 2		KNTU	VIRGINIA BEACH	VA (US)
EN ROUTE	V139	1, 2				(US)
EN ROUTE	V194	1, 2				(US)
EN ROUTE	V266	1, 2				(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	1, 2	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	1, 2		KECG	ELIZABETH CITY	NC (US)
IAP	RNAV (GPS) RWY 5			KCPK	NORFOLK	VA (US)
IAP	RNAV (GPS) RWY 32			KORF	NORFOLK	VA (US)
SPECIAL IAP	RNAV (GPS) RWY 21			NC01	HERTFORD	NC (US)
SPECIAL IAP	RNAV (GPS) RWY 3		3	NC01	HERTFORD	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 12/02/2021

REASON FOR REVISION:

1. CONTROLLING OBS: PAT 2 AC CHANGED FROM 2C TO 5D.
2. FIX USE: ADDED FAC 1 TO V266.
3. CHARTING: REMOVED MILITARY DP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 12/02/2021

OFFICE: AJV-A430

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