

RADIO FIX AND HOLDING DATA RECORD

NAME: BEATH

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 362734.29N/0771719.54W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	EMPORIA	I-EMV	LOC/DME		155.40	145.40	16.99	16.99		2000	4600

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

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	SE	I-EMV	LOC/DME	155.40	335.40	R	1	3400 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-020342)	362418.10N/0771344.10W	579	5D

REMARKS:

I-EMV DME COORDINATES 364136.70N/0772914.60W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 34	1	1	KEMV	EMPORIA	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 01/04/2018

OFFICE: AJV-5423

NAME: LEO PALMER

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY:
OTHER:

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CFBBV

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 363706.99N/0772527.65W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
LOC RWY 34

FAC

PAT

AIRPORT IDENT
KEMV

CITY
EMPORIA

STATE
VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 04/03/2014

REASON FOR REVISION:

UPDATED FIX USE

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY:
OTHER:

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CFBBW

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 363210.35N/0772114.37W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
LOC RWY 34

FAC

PAT

AIRPORT IDENT
KEMV

CITY
EMPORIA

STATE
VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 04/03/2014

REASON FOR REVISION:

UPDATED FIX USE

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY:
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: EMPORIA NDB

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 363706.87N/0772527.55W

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	FEET	MRA	MAA
1	EMPORIA	ELQ	NDB	MH							17500
2	EMPORIA	I-EMV	LOC		155.40	145.40				1600	4600

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

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	SE	ELQ	NDB	156.26	336.26	R	1		2000	5000	4	5
2	SE	I-EMV	LOC	155.40	335.40	R	1		2000	4000	4	4

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (34-0191)	363049.00N/0771956.00W	442	1D
2	200	TOWER (34-0191)	363049.00N/0771956.00W	442	1D

REMARKS:

SEE REMARKS FOR CHARTING HOLDING.
COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE EMPORIA NDB.
ACTUAL FACILITY LOCATION IS 364058.04N/0772855.92W.
HOLDING LIMITED TO ESTABLISHED PATTERNS.
CLIMB IN HOLD EVALUATED, 310KIAS, P-11

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	NDB RWY 33(PAT 1); LOC RWY 33(PAT 2)				EMPORIA	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/23/2000

REASON FOR REVISION:

FAC1 PHYSICALLY MOVED FROM ON-AIRPORT ONTO RWY CENTERLINE EXTENDED WHICH RESULTED IN NEW LAT/LONGS. ADDED FAC2 FOR HOLDING. DELETED 175KT HOLDING. ADDED HOLDING PAT2. REVISED BRG/INBOUND CRS ON PAT1. REDUCED PAT1 FROM 230KT TO 200KT. REVISED REMARKS. IDENTIFICATION CHANGED FROM EMV TO ELQ.

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: NYC
ARTCC: ZDC
ATC FACILITY:
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: GEPKE **STATE:** VA **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 364619.82N/0773008.12W **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	HOPEWELL	HPW	VORTAC	L	215.20	209.20	38.17	38.17	5000	17500
2	LAWRENCEVILLE	LVL	VORTAC	L	105.98	097.98	19.51	19.51	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		WP	216.98	036.98	R		4	4000	6000	5	6
2	NE	HPW	VORTAC	035.20	215.20	R	1		3000	6000	6	7

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	4D
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:

HOPEWELL (FAC 1) AND LAWRENCEVILLE (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

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

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

1. ADDED KEMV LOC RWY34 TO FIX USE.
2. ADDED HOLDING PATTERN 2.
3. ADDED CONTROLLING OBSTRUCTION AND CLIMB-IN-HOLD OBSTRUCTION FOR PAT 2.

DEVELOPED BY: **DATE:** 01/18/2018 **OFFICE:** AJV-5432 **NAME:** LEO PALMER

APPROVED BY: **DATE:** **OFFICE:** AJV-5420 **NAME:** JULIE MORGAN

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY:
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: GUMBE

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 362945.55N/0772850.21W

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 NM	FAC FEET	MRA	MAA
1	TAR RIVER	TYI	VORTAC	L	024.13	019.13	32.94	32.94		2000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V-213	1				(US)
EN ROUTE	V-66	1				(US)
IAP	RNAV (GPS) RWY 9			KFKN	FRANKLIN	VA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

1. UPDATED FIX USE. REMOVED KEMV LOC RWY 34.
2. REMOVED FKN VORTAC FROM FIX MAKE-UP. FKN DECOMMISSIONED.
3. REMOVED REMARK: FRANKLIN (FAC1) AND TAR RIVER (FAC2) USED TO ESTABLISH FIX COORDINATES.
4. REMOVED INT FROM FIX TYPE.

DEVELOPED BY: DATE: 01/18/2018

OFFICE: AJV-5423

NAME: LEO PALMER

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: ORF ATCT
OTHER:

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 363209.83N/0772113.99W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	SE		WP	155.48	335.48	R	4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-020342)	362418.10N/0771344.10W	579	5D
1	310	TOWER (37-020342)	362418.10N/0771344.10W	579	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 34	KEMV	EMPORIA	VA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 16		1	KEMV	EMPORIA	VA (US)
IAP	RNAV (GPS) RWY 34		1	KEMV	EMPORIA	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

1. REMOVED DME FROM FIX TYPE.
2. REMOVED FAC 1, 2, 3 FROM FIX MAKE-UP FACILITIES.
3. REMOVED REMARK: EMPORIA (FAC 1) AND TAR RIVER (FAC 2) USED TO ESTABLISH FIX COORDINATES.
4. REMOVED KEMV LOC RWY 34 FROM FIX USE.

DEVELOPED BY: DATE: 01/04/2018 OFFICE: AJV-5423 NAME: LEO PALMER

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY:
OTHER:

QUALITY
20
CHECKED

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: MODIFY

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, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

1. REMOVED KEMV LOC RWY 34 FROM FIX USE.
2. REMOVED FKN VORTAC FROM FIX MAKE-UP. FKN DECOMMISSIONED.
3. REMOVED REMARK: HOPEWELL (FAC 1) AND FRANKLIN (FAC 2) USED TO ESTABLISH FIX COORDINATES.
4. REMOVED INT FROM FIX TYPE.
5. UPDATED FIX USE.

DEVELOPED BY:

DATE: 01/18/2018

OFFICE: AJV-5423

NAME: LEO PALMER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: ORF ATCT
OTHER:

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SIPLE

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 363923.29N/0772724.22W

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 NM	FAC FEET	MRA	MAA
1	EMPORIA	I-EMV	LOC/DME		155.40	145.40	2.67	2.67		620	4600

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-EMV DME COORDINATES 364136.70N/0772914.60W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 34	1		KEMV	EMPORIA	VA (US)
IAP	RNAV (GPS) RWY 34			KEMV	EMPORIA	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

1. ADDED DME TO FIX TYPE, AND REMOVED INT.
2. CHANGED FAC 1 DIST FROM FAC FROM 2.68 TO 2.67 NM.
3. ADDED DME TO FAC 1.
4. REMOVED FAC 2 FKN VORTAC
5. ADDED I-EMV DME COORDINATES TO REMARKS

DEVELOPED BY:

DATE: 01/18/2018

OFFICE: AJV-5423

NAME: LEO PALMER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY:
OTHER:

QUALITY
20
CHECKED