

RADIO FIX AND HOLDING DATA RECORD

NAME: AANTS

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 384307.16N/0782745.53W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 24-AEA-2

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	MARTINSBURG	MRB	VORTAC	L	222.88	215.88	49.22	49.22	4500	17500
2	CASANOVA	CSN	VORTAC	H	285.58	279.58	28.44	28.44	6000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MRB	VORTAC	R-223	50	4500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

MARTINSBURG (FAC 1) AND CASANOVA (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T356					(US)
EN ROUTE	T358					(US)
EN ROUTE	V143	1, 2				(US)
EN ROUTE	V286	1, 2				(US)
EN ROUTE	V3	1, 2				(US)
EN ROUTE	V39	1, 2				(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

TYPE: ADDED WP AND INT.

AIRSPACE DOCKET: ADDED 24-AEA-2.

FIX MAKE-UP FACILITIES: CHANGED FAC 1 (MRB) MRA FROM 6000 TO 4500 AND ADDED DIST FROM FAC 49.22 NM. ADDED FAC 2 (CSN) DIST FROM FAC 28.44 NM.

ESV: ADDED MRB VORTAC ESV DATA.

REMARKS: REMOVED MAG VAR: MRB 7W, CSN 6W. ADDED FIX COORDINATES REMARK.

FIX USE: ADDED T356 AND T358. REMOVED MANNE STAR. LISTED ALL AIRWAYS SEPARATELY AND ADDED FACS 1 AND 2 TO ALL VICTOR AIRWAYS.

REQUIRED CHARTING: REMOVED STAR AND ADDED CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jan 27, 2025

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: AIROW

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 371448.69N/0791347.48W

TYPE: WP

AIRSPACE DOCKET: 24-AEA-2

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NE		WP	042.85	222.85	R		10	18000	37000	17	27

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	AAO	373357.00N/0791127.00W	3127	4B

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T356					(US)
EN ROUTE	T358					(US)
STAR	NASCR (RNAV)			KVUJ	ALBEMARLE	NC (US)
STAR	CHSLY (RNAV)		1	KCLT	CHARLOTTE	NC (US)
STAR	NASCR (RNAV)			KJQF	CONCORD	NC (US)
STAR	HENBY (RNAV)			KGSO	GREENSBORO	NC (US)
STAR	NASCR (RNAV)			KRUQ	SALISBURY	NC (US)
STAR	HENBY (RNAV)			KINT	WINSTON SALEM	NC (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/17/2025

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 24-AEA-2.
FIX USE: ADDED T356 AND T358.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jan 27, 2025

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CEROL

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 381859.12N/0784738.77W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 24-AEA-2

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	GORDONSVILLE	GVE	VORTAC	VH	307.09	301.09	35.35	35.35		6000	17500
2	MONTEBELLO	MOL	VOR/DME	VL	035.62	030.62	29.00	29.00		6000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

GORDONSVILLE (FAC 1) AND MONTEBELLO (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T356					(US)
EN ROUTE	T358					(US)
EN ROUTE	V143	1, 2				(US)
EN ROUTE	V38	1, 2				(US)
IAP	RNAV (GPS) RWY 4			KLUA	LURAY	VA (US)
IAP	ILS OR LOC RWY 5	1, 2		KSHD	STAUNTON/WAYNESBORO/HARR	VA (US)
					ISONBURG	
IAP	NDB RWY 5	1, 2		KSHD	STAUNTON/WAYNESBORO/HARR	VA (US)
					ISONBURG	
IAP	RNAV (GPS) RWY 5			KSHD	STAUNTON/WAYNESBORO/HARR	VA (US)
					ISONBURG	

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 24-AEA-2.

FIX MAKE-UP FACILITIES: CHANGED FAC 1 (GVE) CLASS FROM H TO VH. CHANGED FAC 2 (MOL) CLASS FROM L TO VL.

REMARKS: ADDED FIX COORDINATES REMARK.

FIX USE: ADDED T356 AND T358. ADDED KSHD RNAV (GPS) RWY 5.

REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jan 27, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: CLYFF

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 374009.45N/0790912.76W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 24-AEA-2

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	ROANOKE	ROA	VOR/DME	L	069.68	065.68	47.93	47.93		6000	17500
2	MONTEBELLO	MOL	VOR/DME	VL	194.11	189.11	14.03	14.03		5700	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ROA	VOR/DME	R-070	48	6000	17500

FIX RESTRICTIONS:

MCA V143 6300 NORTHBOUND
MCA T356 6100 NORTHBOUND
MCA T358 6100 NORTHBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ROANOKE (FAC 1) AND MONTEBELLO (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T356					(US)
EN ROUTE	T358					(US)
EN ROUTE	V143	1, 2				(US)
EN ROUTE	V375	1, 2				(US)
IAP	RNAV (GPS) RWY 22			KLYH	LYNCHBURG	VA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 24-AEA-2.
FIX MAKE-UP FACILITIES: CHANGED FAC 1 (ROA) MRA FROM 6500 TO 6000 - ESVMs VALUE. CHANGED FAC 2 (MOL) CLASS FROM L TO VL AND MRA FROM 6400 TO 5700 - V143 MEA TO THE COP.
FIX RESTRICTIONS: ADDED MCA 6100 NORTHBOUND FOR T356 AND T358.
FIX USE: ADDED T356 AND T358.
REQUIRED CHARTING: ADDED CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jan 27, 2025

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CPTAL

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 393216.02N/0774155.65W

TYPE: WP

AIRSPACE DOCKET: 24-AEA-2

FIX TYPE OF ACTION: MODIFY

FIX RESTRICTIONS:

MCA T356 3700 EASTBOUND
MCA T358 3700 EASTBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T356					(US)
EN ROUTE	T358					(US)
EN ROUTE	T477					(US)
STAR	TRSTN (RNAV)			KGAI	GAITHERSBURG	MD (US)
STAR	TRSTN (RNAV)			W50	LAYTONSVILLE	MD (US)
STAR	TRSTN (RNAV)			2W2	WESTMINSTER	MD (US)
STAR	TRSTN (RNAV)			KDMW	WESTMINSTER	MD (US)

REQUIRED CHARTING: STAR, AREA, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 24-AEA-2.
FIX RESTRICTIONS: ADDED MCA 3700 EASTBOUND FOR T356 AND T358.
REMARKS: REMOVED ATC REQUEST SECTIONAL CHARTING.
FIX USE: ADDED T356.
REQUIRED CHARTING: REMOVED SECTIONAL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jan 27, 2025

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DUNCE

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 365052.00N/0792918.20W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 24-AEA-2

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	LYNCHBURG	LYH	VOR/DME	L	211.48	206.48	27.22	27.22	2800	17500
2	SOUTH BOSTON	SBV	VORTAC	L	299.51	294.51		25.08	2800	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	LYH	VOR/DME	211.00	031.00	L	1	2800 17000	7 14

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	364955.80N/0793452.40W	1395	6A

REASON FOR NONSTANDARD HOLDING:

PAT 1 APPROACH SEPARATION

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

LYNCHBURG (FAC 1) AND SOUTH BOSTON (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVAL COMPLETED.
HOLDING PAT 1 RETAINED PER ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T356					(US)
EN ROUTE	T358					(US)
EN ROUTE	T426					(US)
EN ROUTE	V136	1, 2				(US)
EN ROUTE	V143	1, 2				(US)
IAP	RNAV (GPS) RWY 20			KDAN	DANVILLE	VA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 21-ASO-27 TO 24-AEA-2.
FIX MAKE-UP FACILITIES: CHANGED FAC 1 (LYH) MRA FROM 3000 TO 2800 - HOLD PAT 1 MIN ALTITUDE.
REMARKS: REMOVED ATC REQUEST SECTIONAL CHARTING. CHANGED HOLDING PAT 1 PER ATC TO HOLDING PAT 1 RETAINED PER ATC REQUEST.
FIX USE: ADDED T356 AND T358.
REQUIRED CHARTING: REMOVED SECTIONAL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jan 27, 2025

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ELLON

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 373006.59N/0791113.79W

TYPE: WP, DME

AIRSPACE DOCKET: 24-AEA-2

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	LYNCBURG	LYH	VOR/DME	L	014.01	009.01	15.00	15.00		3200	17500

FIX RESTRICTIONS:

MCA T356 4900 NORTHBOUND
MCA T358 4900 NORTHBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T356					(US)
EN ROUTE	T358					(US)
EN ROUTE	V143	1				(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

TYPE: ADDED WP.
AIRSPACE DOCKET: ADDED 24-AEA-2.
FIX MAKE-UP FACILITIES: CHANGED FAC 1 (LYH) MAG/TRUE BRG FROM 014.03/009.03 TO 014.01/009.01.
FIX RESTRICTIONS: ADDED MCA 4900 NORTHBOUND FOR T356 AND T358.
FIX USE: ADDED T356 AND T358.
REQUIRED CHARTING: ADDED CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jan 27, 2025

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HOAGE

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390742.96N/0780512.41W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 24-AEA-2

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	ARMEL	AML	VOR/DME	L	300.05	292.05		31.24	5000	17500
2	MARTINSBURG	MRB	VORTAC	L	222.88	215.88	18.99	18.99	5000	17500

FIX RESTRICTIONS:

MCA T356 3000 SOUTHWEST BOUND
MCA T358 3000 SOUTHWEST BOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ARMEL (FAC 1) AND MARTINSBURG (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T356					(US)
EN ROUTE	T358					(US)
EN ROUTE	V143	1, 2				(US)
EN ROUTE	V3	1, 2				(US)
EN ROUTE	V39	1, 2				(US)
EN ROUTE	V4	1, 2				(US)
IAP	RNAV (GPS) RWY 17			KJYO	LEESBURG	VA (US)
IAP	RNAV (GPS) RWY 32			KOKV	WINCHESTER	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 18-AEA-17 TO 24-AEA-2.
FIX MAKE-UP FACILITIES: EXCHANGED FACS 1 AND 2.
FIX RESTRICTIONS: ADDED MCA 3000 SOUTHWEST BOUND TO T356 AND T358.
FIX USE: ADDED T356 AND T358.
REQUIRED CHARTING: ADDED AREA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jan 27, 2025

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HURTT

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 370557.34N/0791958.97W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 24-AEA-2

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	LYNCHBURG	LYH	VOR/DME	L	211.50	206.50	10.40	10.40		3000	17500
2	SOUTH BOSTON	SBV	VORTAC	L	334.00	329.00		29.69		3000	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	LYH	VOR/DME	211.50	031.50	R	1		3000	17500	5	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	370333.00N/0792227.00W	1265	4B

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

LYNCHBURG (FAC 1) AND SOUTH BOSTON (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HURTT (RNAV)			KLYH	LYNCHBURG	VA (US)
EN ROUTE	T356					(US)
EN ROUTE	T358					(US)
EN ROUTE	V143	1, 2	1			(US)
IAP	RNAV (GPS) RWY 6			0V4	BROOKNEAL	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

TYPE: ADDED WP.
AIRSPACE DOCKET: ADDED 24-AEA-2.
FIX MAKE-UP FACILITIES: CHANGED FAC 1 (LYH) AND 2 (SBV) MAA FROM 33000 TO 17500 - ATC REQUEST. FIX NO LONGER CHARTED IN HIGH STRUCTURE. CHANGED FAC 1 (LYH) MAG/TRUE BRG FROM 211.47/206.47 TO 211.50/206.50.
ESV: REMOVED LYH VOR/DME AND SBV VORTAC ESV DATA - ESV(S) NOT REQUIRED.
HOLDING: CHANGED PAT 1 LEG LENGTH TIME FROM 1 - 1 1/2 TO 1. CHANGED PAT 1 MAX ALTITUDE FROM 33000 TO 17500 - ATC REQUEST. CHANGED PAT 1 RAD/CRS/BRG FROM 211.47 TO 211.50. CHANGED PAT 1 CRS INBOUND FROM 031.47 TO 031.50. CHANGED PAT 1 MAX TEMPLATE FROM 25 TO 17. UPDATED PAT 1 CONTROLLING OBSTRUCTION.
FIX USE: ADDED T356 AND T358. CHANGED V143 STATE FROM NC (US) TO (US).
REQUIRED CHARTING: REMOVED EN ROUTE/CONTROLLER HIGH - ATC APPROVED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jan 27, 2025

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KERRE

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 383830.98N/0783156.58W

TYPE: WP, DME

AIRSPACE DOCKET: 24-AEA-2

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	MARTINSBURG	MRB	VORTAC	L	222.88	215.88	54.87	54.87		4500	17500
2	MONTEBELLO	MOL	VOR/DME	VL	036.24	031.24	52.07	52.07		5000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MRB	VORTAC	R-223	55	4500	17500
MOL	VOR/DME	R-036	53	5000	8500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

MARTINSBURG (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T356					(US)
EN ROUTE	T358					(US)
EN ROUTE	V143					(US)
EN ROUTE	V3					(US)
EN ROUTE	V39					(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 04/17/2025

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 24-AEA-3 TO 24-AEA-2.
FIX USE: ADDED T356 AND T358.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jan 27, 2025

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LEAKS

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 362449.23N/0794514.11W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 24-AEA-2

FIX TYPE OF ACTION: MODIFY

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	251.56	246.56		39.03		3000	17500
2	GREENSBORO	GSO	VORTAC	VH	029.03	026.03	24.55	24.55		3000	17500
3	RALEIGH/DURHAM	RDU	VORTAC	H	313.79	304.79		57.24		3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
RDU	VORTAC	R-314	58	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	NE	GSO	VORTAC	029.03	209.03	L	1	4	4000	14000	7	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (37-001459)	362625.30N/0793944.90W	1239	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

SOUTH BOSTON (FAC 1) AND GREENSBORO (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	T224					(US)
EN ROUTE	T356					(US)
EN ROUTE	T358					(US)
EN ROUTE	V143	2, 3				(US)
EN ROUTE	V20	1, 3				(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 21-ASO-7 TO 24-AEA-2.
FIX MAKE-UP FACILITIES: EXCHANGED FACS 1 AND 2. CHANGED FAC 2 (GSO) CLASS FROM H TO VH.
ESV: CHANGED RDU VORTAC MAX ALTITUDE FROM 17500 TO 15000.
REMARKS: ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED.
FIX USE: ADDED T356 AND T358.
REQUIRED CHARTING: REMOVED SECTIONAL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jan 27, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: LURAY

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 383554.94N/0783400.23W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 24-AEA-2

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	MONTEBELLO	MOL	VOR/DME	VL	036.22	031.22	49.01	49.01		5000	17500
2	GORDONSVILLE	GVE	VORTAC	VH	337.00	331.00	40.14	40.14		6100	17500
3	CASANOVA	CSN	VORTAC	H	271.79	265.79	33.07	33.07		6000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MOL	VOR/DME	R-036	50	5000	8500
GVE	VORTAC	R-337	41	6100	14900

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

GORDONSVILLE (FAC 2) AND CASANOVA (FAC 3) USED TO ESTABLISH FIX COORDINATES.
GVE VORTAC ESV IS FOR DME ONLY - RADIAL SIGNAL IS WITHIN SSV FOR NAVAID.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T356					(US)
EN ROUTE	T358					(US)
EN ROUTE	V128	1, 2, 3				(US)
EN ROUTE	V143	1, 2, 3				(US)
EN ROUTE	V3	1, 2, 3				(US)
EN ROUTE	V39	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 15			KVBW	BRIDGEWATER	VA (US)
IAP	NDB -A			KLUA	LURAY	VA (US)
IAP	RNAV (GPS) RWY 23			KSHD	STAUNTON/WAYNESBORO/HARRISONBURG	VA (US)
STAR	TIKEE (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	TIKEE (RNAV)			KHEF	WASHINGTON	DC (US)
STAR	TIKEE (RNAV)			W00	BOWIE	MD (US)
STAR	TIKEE (RNAV)			KADW	CAMP SPRINGS	MD (US)
STAR	TIKEE (RNAV)			KVKX	FRIENDLY	MD (US)
STAR	TIKEE (RNAV)			2W5	INDIAN HEAD	MD (US)
STAR	TIKEE (RNAV)			KCJR	CULPEPER	VA (US)
STAR	TIKEE (RNAV)			KDAA	FORT BELVOIR	VA (US)
STAR	TIKEE (RNAV)			KEZF	FREDERICKSBURG	VA (US)
STAR	TIKEE (RNAV)			KNYG	QUANTICO	VA (US)
STAR	TIKEE (RNAV)			KRMN	STAFFORD	VA (US)
STAR	TIKEE (RNAV)			KHWY	WARRENTON	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 24-AEA-2.

FIX MAKE-UP FACILITIES: EXCHANGED FACS 1 AND 3. CHANGED FAC 1 (MOL) CLASS FROM L TO VL AND MRA FROM 6000 TO 5000 - ESVMs VALUE. CHANGED FAC 2 (GVE) CLASS FROM H TO VH AND MRA FROM 6000 TO 6100 - MRA FOR DME IS THE ESVMs VALUE AND ALSO MATCHES CANCELLED ESV FOR RADIAL SINCE IT NOW FALLS WITHIN SSV FOR THE FACILITY.

ESV: CHANGED GVE VORTAC MIN/MAX ALTITUDE FROM 6000/18500 TO 6100/14900. CHANGED MOL VOR/DME MAX ALTITUDE FROM 17500 TO 8500.

REMARKS: ADDED GVE VORTAC ESV IS FOR DME ONLY - RADIAL SIGNAL IS WITHIN SSV FOR NAVAID.

FIX USE: ADDED T356 AND T358. ADDED FAC 3 TO V128 - FACILITY MEETS EN ROUTE INT CRITERIA FOR CROSSING RADIAL. REMOVED W32 TIKEE (RNAV) STAR. CHANGED KHEF TIKEE (RNAV) STAR "CITY" FROM DISTRICT OF COLUMBIA TO WASHINGTON. CHANGED W00 TIKEE (RNAV) STAR "CITY" FROM MITCHELLVILLE TO BOWIE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jan 27, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: MARTINSBURG VORTAC

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392308.06N/0775054.08W

TYPE:

AIRSPACE DOCKET: 24-AEA-2

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	MARTINSBURG	MRB	VORTAC	L							45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	E	MRB	VORTAC	109.00	289.00	L	1		3000	17500	8	15
2	E	MRB	VORTAC	110.00	290.00	L	1		3000	6000	4	13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	AAO	392158.00N/0774216.00W	1676	2C
1	310	AAO	392700.50N/0773734.20W	1958	2C
2	200	AAO	392200.00N/0774215.00W	1729	4E
2	310	AAO	392200.00N/0774215.00W	1729	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST.

PAT 2 ATC REQUEST.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 26	KMRB	MARTINSBURG	WV (US)
2	VOR-A	KMRB	MARTINSBURG	WV (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATIONS COMPLETED
FACILITY MAGVAR: 7W/1965

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ARSENAL			KHEF	WASHINGTON	DC (US)
DP	CAPITAL			KIAD	WASHINGTON	DC (US)
DP	TAKE-OFF MINIMUMS			KFRR	FRONT ROYAL	VA (US)
DP	PTOMC (RNAV)			KJYO	LEESBURG	VA (US)
DP	TAKE-OFF MINIMUMS			KMRB	MARTINSBURG	WV (US)
EN ROUTE	J162					(US)
EN ROUTE	J6					(US)
EN ROUTE	T356					(US)
EN ROUTE	T358					(US)
EN ROUTE	V143					(US)
EN ROUTE	V166					(US)
EN ROUTE	V3					(US)
EN ROUTE	V39					(US)
EN ROUTE	V44					(US)
EN ROUTE	V457					(US)
EN ROUTE	V501					(US)
EN ROUTE	V8					(US)
IAP	ILS OR LOC RWY 19L			KIAD	WASHINGTON	DC (US)
IAP	ILS OR LOC RWY 1C			KIAD	WASHINGTON	DC (US)
IAP	ILS OR LOC/DME RWY 12			KIAD	WASHINGTON	DC (US)
IAP	ILS RWY 19L (SA CAT II)			KIAD	WASHINGTON	DC (US)
IAP	ILS RWY 1C (SA CAT II)			KIAD	WASHINGTON	DC (US)
IAP	LOC/DME RWY 23			KCBE	CUMBERLAND	MD (US)
IAP	RNAV (GPS) RWY 5			KFDK	FREDERICK	MD (US)
IAP	ILS OR LOC RWY 27			KHGR	HAGERSTOWN	MD (US)
IAP	ILS OR LOC RWY 9			KHGR	HAGERSTOWN	MD (US)
IAP	ILS OR LOC RWY 17			KJYO	LEESBURG	VA (US)
IAP	RNAV (GPS) RWY 17			KJYO	LEESBURG	VA (US)
IAP	VOR/DME-A		2	KOKV	WINCHESTER	VA (US)
IAP	RNAV (GPS) RWY 29			W35	BERKELEY SPRINGS	WV (US)
IAP	ILS OR LOC RWY 26		1	KMRB	MARTINSBURG	WV (US)
IAP	RNAV (GPS) RWY 26			KMRB	MARTINSBURG	WV (US)
IAP	RNAV (GPS) RWY 8			KMRB	MARTINSBURG	WV (US)
IAP	VOR-A		2	KMRB	MARTINSBURG	WV (US)
STAR	NUMMY			KDCA	WASHINGTON	DC (US)
STAR	TRSTN (RNAV)			KHEF	WASHINGTON	DC (US)
STAR	DELRO			KIAD	WASHINGTON	DC (US)

QUALITY
25
CHECKED

STAR	SELINSGROVE	KIAD	WASHINGTON	DC (US)
STAR	ARLFT (RNAV)	KDOV	DOVER	DE (US)
STAR	ARLFT (RNAV)	33N	DOVER/CHESWOLD	DE (US)
STAR	ARLFT (RNAV)	KILG	WILMINGTON	DE (US)
STAR	WESTMINSTER	KBWI	BALTIMORE	MD (US)
STAR	WESTMINSTER	KMTN	BALTIMORE	MD (US)
STAR	NUMMY	KADW	CAMP SPRINGS	MD (US)
STAR	TRSTN (RNAV)	KFDK	FREDERICK	MD (US)
STAR	TRSTN (RNAV)	KGAI	GAITHERSBURG	MD (US)
STAR	TRSTN (RNAV)	KHGR	HAGERSTOWN	MD (US)
STAR	TRSTN (RNAV)	W50	LAYTONSVILLE	MD (US)
STAR	TRSTN (RNAV)	2W2	WESTMINSTER	MD (US)
STAR	TRSTN (RNAV)	KDMW	WESTMINSTER	MD (US)
STAR	NUMMY	KDAA	FORT BELVOIR	VA (US)
STAR	TRSTN (RNAV)	KFRR	FRONT ROYAL	VA (US)
STAR	TRSTN (RNAV)	KJYO	LEESBURG	VA (US)
STAR	TRSTN (RNAV)	KOKV	WINCHESTER	VA (US)
STAR	TRSTN (RNAV)	KMRB	MARTINSBURG	WV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 38

DATE OF REVISION: 04/17/2025

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 24-AEA-2.

FIX USE: ADDED T356. REMOVED DOCCS STAR AT KIAD AND KJYO. REMOVED TRSTN (RNAV) STAR AT KCJR AND KHWY. CHANGED KHEF ARSENAL DP CITY/STATE FROM MANASSAS/VA (US) TO WASHINGTON/DC (US).

REQUIRED CHARTING: ADDED AREA.

12/06/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 08/30/24.

1. PROCEDURES REQUIRING CLIMB-IN-HOLD: ADDED KMRB ILS OR LOC RWY 26 PAT 1 AND VOR-A PAT 2.

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

OFFICE OF PRIMARY RESPONSIBILITY: **NAME:** BARRY SMITH

APPROVED BY: **DATE:** 03/13/2025 **OFFICE:** AJV-A423 **NAME:** ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jan 27, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: MONTEBELLO VOR/DME STATE: VA COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 375401.89N/0790624.80W TYPE:

AIRSPACE DOCKET: 24-AEA-2 FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	MONTEBELLO	MOL	VOR/DME	VL							41000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	W	MOL	VOR/DME	271.00	091.00	L	1		6000	10000	5	9
2	W		WP	275.00	095.00	L		5	6000	6000	6	6
3	NE	MOL	VOR/DME	057.50	237.50	R	1		6100	14000	8	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	374951.00N/0790718.00W	4242	4B
2	200	AAO	374951.00N/0790718.00W	4242	4B
3	230	AAO	374951.00N/0790718.00W	4242	4B

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	280
2	200	280
3	230	280

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MAGVAR 5W/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	NATIONAL			KDCA	WASHINGTON	DC (US)
DP	ARSENAL			KHEF	WASHINGTON	DC (US)
DP	READE			KRIC	RICHMOND	VA (US)
DP	SHENANDOAH			KSHD	STAUNTON/WAYNESBORO/HARRISONBURG	VA (US)
EN ROUTE	J24					(US)
EN ROUTE	J48					(US)
EN ROUTE	T356					(US)
EN ROUTE	T358					(US)
EN ROUTE	V140					(US)
EN ROUTE	V143					(US)
EN ROUTE	V290					(US)
EN ROUTE	V377					(US)
EN ROUTE	V473					(US)
IAP	RNAV (GPS) RWY 33		2	KVBW	BRIDGEWATER	VA (US)
IAP	ILS OR LOC RWY 3		3	KCHO	CHARLOTTESVILLE	VA (US)
IAP	ILS OR LOC RWY 25			KHSP	HOT SPRINGS	VA (US)
IAP	ILS OR LOC RWY 4			KLYH	LYNCHBURG	VA (US)
IAP	VOR RWY 22			KLYH	LYNCHBURG	VA (US)
IAP	ILS OR LOC RWY 5		1	KSHD	STAUNTON/WAYNESBORO/HARRISONBURG	VA (US)
IAP	NDB RWY 5			KSHD	STAUNTON/WAYNESBORO/HARRISONBURG	VA (US)
IAP	RNAV (GPS) RWY 5			KSHD	STAUNTON/WAYNESBORO/HARRISONBURG	VA (US)
STAR	TERKS			KCPK	NORFOLK	VA (US)
STAR	TERKS			KNGU	NORFOLK	VA (US)
STAR	TERKS			KORF	NORFOLK	VA (US)
STAR	TERKS			KPVG	NORFOLK	VA (US)
STAR	SPIDR (RNAV)			KRIC	RICHMOND	VA (US)
STAR	TERKS			KSFQ	SUFFOLK	VA (US)
STAR	TERKS			KNTU	VIRGINIA BEACH	VA (US)

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

QUALITY
25
CHECKED

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 28

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 24-AEA-2.

FIX MAKE-UP FACILITIES: CHANGED FAC 1 (MOL) MAA FROM 17500 TO 41000.

FIX USE: ADDED T356 AND T358. REMOVED DOCCS STAR AT KIAD AND KJYO. CHANGED KHEF ARSENAL DP CITY/STATE FROM MANASSAS/VA (US) TO WASHINGTON/DC (US).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

*Digitally signed by***ALLAN WILL**

Jan 27, 2025

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TWIRK

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 393436.70N/0771244.75W

TYPE: WP

AIRSPACE DOCKET: 24-AEA-2

FIX TYPE OF ACTION: MODIFY

FIX RESTRICTIONS:

MCA T356 2900 WESTBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

EN ROUTE

EN ROUTE

STAR

STAR

STAR

STAR

USE TITLE

T356

T358

TRSTN (RNAV)

TRSTN (RNAV)

TRSTN (RNAV)

TRSTN (RNAV)

FAC

PAT

AIRPORT IDENT

CITY

STATE

(US)

(US)

MD (US)

MD (US)

MD (US)

MD (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 24-AEA-2.

FIX RESTRICTIONS: REMOVED MCA T356 3700 SOUTHEAST BOUND - PRIOR SEGMENT MEA IS ABOVE THIS. ADDED MCA T356 2900 WESTBOUND.

REMARKS: REMOVED SECTIONAL ADDED PER ATC REQUEST.

REQUIRED CHARTING: REMOVED SECTIONAL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jan 27, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: ULAKE

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 362940.34N/0794216.93W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 24-AEA-2

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	MARTINSVILLE	I-UVM	LOC/DME		125.20	118.20	17.80	17.79	3000	5400
2	GREENSBORO	GSO	VORTAC	VH	029.03	026.03	29.95	29.95	3000	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	SE		WP	125.39	305.39	R		4	3000	14000	5	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-001459)	362625.00N/0793945.00W	1238	5E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

MARTINSVILLE (FAC 1) AND GREENSBORO (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
I-UVM DME COORDINATES 363809.96N/0800142.66W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T356					(US)
EN ROUTE	T358					(US)
EN ROUTE	V143	2				(US)
IAP	LOC RWY 31	1, 2		KMTV	MARTINSVILLE	VA (US)
IAP	RNAV (GPS) RWY 13		1	KMTV	MARTINSVILLE	VA (US)
IAP	RNAV (GPS) RWY 31		1	KMTV	MARTINSVILLE	VA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 24-AEA-2.
FIX MAKE-UP FACILITIES: CHANGED FAC 2 (GSO) MAA FROM 5400 TO 17500 - LOW ALTITUDE AIRWAY USE.
HOLDING RESTRICTIONS: CHANGED PATTERNS TO PATTERN.
FIX USE: ADDED T356 AND T358. REMOVED FAC 1 FROM V143 - LOCALIZERS NOT USED FOR AIRWAYS (SEE MAA ABOVE).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jan 27, 2025

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