

RADIO FIX AND HOLDING DATA RECORD

NAME: ALWYZ

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 385900.66N/0773916.54W

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 FAC NM	FAC FEET	MRA	MAA
1	ARMEL	AML	VOR/DME	L	296.50	288.50	9.27	9.27		7000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NW	AML	VOR/DME	296.50	116.50	L	6	8000	14000	7	9
2	NW		WP	299.32	119.32	L	6	8000	14000	7	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	210	AAO	390204.30N/0775538.30W	2140	6C
2	210	AAO	390200.00N/0775542.00W	2120	4B

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST.

PAT 2 ATC REQUEST.

HOLDING RESTRICTIONS:

PAT 1 CHART 210K ICON

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PAT 2 CHART 210K ICON

REMARKS:

PRECIPITOUS TERRAIN EVALUTION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FRDMM (RNAV)		2	KDCA	WASHINGTON	DC (US)
STAR	NUMMY	1	1	KDCA	WASHINGTON	DC (US)
STAR	FRDMM (RNAV)		2	KADW	CAMP SPRINGS	MD (US)
STAR	NUMMY	1	1	KADW	CAMP SPRINGS	MD (US)
STAR	FRDMM (RNAV)		2	KDAA	FORT BELVOIR	VA (US)
STAR	NUMMY	1	1	KDAA	FORT BELVOIR	VA (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

ADDED EN ROUTE LOW AND CONTROLLER LOW TO REQUIRED CHARTING.

UPDATED PAT 2 CONTROLLING OBS FROM 390204.30N/0775538.30W 2140 6C TO 390200N/0775542W 2120 4B.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON

Feb 27, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BRVRY

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391322.68N/0785747.18W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

STAR
STAR
STAR

USE TITLE

FRDMM (RNAV)
FRDMM (RNAV)
FRDMM (RNAV)

FAC

PAT

AIRPORT IDENT

KDCA
KADW
KDAA

CITY

WASHINGTON
CAMP SPRINGS
FORT BELVOIR

STATE

DC (US)
MD (US)
VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

ADDED EN ROUTE LOW/HIGH AND CONTROLLER LOW/HIGH TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Feb 27, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BUCKO

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391737.82N/0794930.10W

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	FAC FEET	MRA	MAA
1	BELLAIRE	AIR	VOR/DME	H	140.00	133.00	63.19	63.19		18000	45000
2	KESSEL	ESL	VOR/DME	L	282.27	276.27	39.15	39.15		18000	38000
3	MORGANTOWN	MGW	VOR/DME	L	179.03	174.03		15.84		18000	45000
4	APPLETON	APE	VORTAC	VH	117.00	111.00	137.85	137.85		20000	39000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ESL	VOR/DME	R-282	40	18000	38000
MGW	VOR/DME	R-179	16	19000	45000
APE	VORTAC	R-117	138	20000	39000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

BELLAIRE (FAC 1) AND MORGANTOWN (FAC 3) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J30	2, 3, 4				(US)
EN ROUTE	J34	1, 2, 3				(US)
STAR	FRDMM (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	NUMMY	2		KDCA	WASHINGTON	DC (US)
STAR	FRDMM (RNAV)			KADW	CAMP SPRINGS	MD (US)
STAR	NUMMY	2		KADW	CAMP SPRINGS	MD (US)
STAR	FRDMM (RNAV)			KDAA	FORT BELVOIR	VA (US)
STAR	NUMMY	2		KDAA	FORT BELVOIR	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

ADDED EN ROUTE LOW TO REQUIRED CHARTING.
CHANGED CONTROLLER TO CONTROLLER LOW/HIGH IN REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Feb 27, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: COURG

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391201.14N/0784344.52W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

STAR
STAR
STAR

USE TITLE

FRDMM (RNAV)
FRDMM (RNAV)
FRDMM (RNAV)

FAC

PAT

AIRPORT IDENT

KDCA
KADW
KDAA

CITY

WASHINGTON
CAMP SPRINGS
FORT BELVOIR

STATE

DC (US)
MD (US)
VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

ADDED EN ROUTE LOW/HIGH AND CONTROLLER LOW/HIGH TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Feb 27, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DRRON

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391622.12N/0793335.86W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

STAR
STAR
STAR

USE TITLE

FRDMM (RNAV)
FRDMM (RNAV)
FRDMM (RNAV)

FAC

PAT

AIRPORT IDENT

KDCA
KADW
KDAA

CITY

WASHINGTON
CAMP SPRINGS
FORT BELVOIR

STATE

DC (US)
MD (US)
VA (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: 05/16/2024

REASON FOR REVISION:

ADDED EN ROUTE LOW/HIGH AND CONTROLLER LOW/HIGH TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Feb 27, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FORGT

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390207.34N/0775119.25W

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 FAC NM	FAC FEET	MRA	MAA
1	ARMEL	AML	VOR/DME	L	296.50	288.50	19.16	19.16		10000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NW	AML	VOR/DME	296.50	116.50	L	10	10000	17000	15	15
2	NW		WP	299.17	119.17	L	10	10000	17000	15	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	385724.00N/0780127.00W	2386	4D
2	230	AAO	385724.00N/0780127.00W	2386	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 2 ATC REQUEST.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FRDMM (RNAV)		2	KDCA	WASHINGTON	DC (US)
STAR	NUMMY	1	1	KDCA	WASHINGTON	DC (US)
STAR	FRDMM (RNAV)		2	KADW	CAMP SPRINGS	MD (US)
STAR	NUMMY	1	1	KADW	CAMP SPRINGS	MD (US)
STAR	FRDMM (RNAV)		2	KDAA	FORT BELVOIR	VA (US)
STAR	NUMMY	1	1	KDAA	FORT BELVOIR	VA (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: 05/16/2024

REASON FOR REVISION:

ADDED EN ROUTE LOW/HIGH AND CONTROLLER LOW/HIGH TO REQUIRED CHARTING.
CHANGED PAT 2 MAX TEMPLATE FROM 15 TO 17.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Feb 27, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FRDMM

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 385634.54N/0773101.39W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

STAR
STAR
STAR
STAR

USE TITLE

FRDMM (RNAV)
TRUPS (RNAV)
FRDMM (RNAV)
TRUPS (RNAV)

FAC

PAT

AIRPORT IDENT

KDCA
KDCA
KADW
KADW

CITY

WASHINGTON
WASHINGTON
CAMP SPRINGS
CAMP SPRINGS

STATE

DC (US)
DC (US)
MD (US)
MD (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

ADDED EN ROUTE LOW AND CONTROLLER LOW TO REQUIRED CHARTING.
UPDATED FIX USE: REMOVED STAR FRDMM (RNAV) AND TRUPS (RNAV) AT KDAV.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 05/16/2024

OFFICE: AVJ-A430

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Feb 27, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HONNR

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391446.59N/0791408.91W

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 FAC NM	FAC FEET	MRA	MAA
1	KESSEL	ESL	VOR/DME	L	282.27	276.27	11.55	11.55		17000	40000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ESL	VOR/DME	R-282	12	18000	40000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FRDMM (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	NUMMY	1		KDCA	WASHINGTON	DC (US)
STAR	FRDMM (RNAV)			KADW	CAMP SPRINGS	MD (US)
STAR	NUMMY	1		KADW	CAMP SPRINGS	MD (US)
STAR	FRDMM (RNAV)			KDAA	FORT BELVOIR	VA (US)
STAR	NUMMY	1		KDAA	FORT BELVOIR	VA (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: 05/16/2024

REASON FOR REVISION:

ADDED EN ROUTE LOW/HIGH AND CONTROLLER LOW/HIGH TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Feb 27, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LUISE

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 393427.39N/0804154.65W

TYPE: WP, INT, 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	APPLETON	APE	VORTAC	H	117.00	111.00	93.91	93.91	18000	45000
2	CHARLESTON	HVQ	VOR/DME	H	037.00	034.00	88.89	88.89	18000	45000

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	NW	APE	VORTAC	297.00	117.00	L	1 1/2		18000	45000	18	31
2	NW		WP	297.00	117.00	L		10	18000	45000	17	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	AAO	393803.00N/0802703.00W	1884	4B
2	265	AAO	393803.00N/0802703.00W	1884	4B

REASON FOR NONSTANDARD HOLDING:

PAT 1 CLEAR WASHINGTON CENTER'S AIRSPACE
PAT 2 CLEAR WASHINGTON CENTER'S AIRSPACE

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

DEPICT HOLDING PATTERN ON CONTROLLER CHART
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J30	1, 2	1			(US)
STAR	FRDMM (RNAV)		2	KDCA	WASHINGTON	DC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

ADDED WP TO FIX TYPE.
UPDATED FAC 2 CHARLESTON (HVQ) TYPE FROM VORTAC TO VOR/DME.
REMOVED REMARK "TO BE EFFECTIVE CONCURRENT WITH APPLETON (APE) VORTAC ROTATION APRIL 30, 1992. MAGNETIC VARIATION: APE 6W, HVQ 3W."
ADDED REMARK PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MOVED HOLDING LIMITED TO ESTABLISHED PATTERN FROM REMARKS TO HOLDING RESTRICTIONS.
UPDATED HOLDING PAT 1: REMOVED 10 DME, CORRECTED MIN/MAX TEMPLATES.
ADDED WP HOLDING PAT 2.
ADDED PAT 1 AND PAT 2 CONTROLLING OBS.
CHANGED PAT 1 LEG TIME FROM 1- 1 1/2 TO 1 1/2.
ADDED STAR FRDMM (RNAV) AT KDCA TO FIX USE.
UPDATED EN ROUTE FIX USE: ADDED J30, FAC 1, FAC 2, AND PAT 1.
ADDED STAR AND EN ROUTE LOW TO REQUIRED CHARTING.
CHANGED CONTROLLER TO CONTROLLER LOW/HIGH IN REQUIRED CHARTING.
ADDED FAC 1 DME DISTANCE 93.91 NM AND FAC 2 DME DISTANCE 88.89 NM.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Feb 27, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NEVVR

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390413.29N/0775930.17W

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	ARMEL	AML	VOR/DME	L	296.50	288.50	25.87	25.87		11000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FRDMM (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	NUMMY	1		KDCA	WASHINGTON	DC (US)
STAR	FRDMM (RNAV)			KADW	CAMP SPRINGS	MD (US)
STAR	NUMMY	1		KADW	CAMP SPRINGS	MD (US)
STAR	FRDMM (RNAV)			KDAA	FORT BELVOIR	VA (US)
STAR	NUMMY	1		KDAA	FORT BELVOIR	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

ADDED EN ROUTE LOW/HIGH AND CONTROLLER LOW/HIGH TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Feb 27, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PLDGE

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390951.33N/0782158.72W

TYPE: WP

AIRSPACE DOCKET:

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 LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	W		WP	288.16	108.16	L	10	13000 20000	15 18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	391139.00N/0784748.00W	3248	4B

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FRDMM (RNAV)		1	KDCA	WASHINGTON	DC (US)
STAR	FRDMM (RNAV)		1	KADW	CAMP SPRINGS	MD (US)
STAR	FRDMM (RNAV)		1	KDAA	FORT BELVOIR	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

ADDED EN ROUTE LOW/HIGH AND CONTROLLER LOW/HIGH TO REQUIRED CHARTING.

UPDATED PAT 1 MAX TEMPLEATE FROM 15 TO 18.

UPDATED PAT 1 CONTROLLING OBS FROM 391214.60N/0784714.90W 3270 6C TO 391139.00N/0784748.00W 3248 4B.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Feb 27, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SEPII

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390033.12N/0774513.74W

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	ARMEL	AML	VOR/DME	L	296.50	288.50	14.16	14.16		8000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FRDMM (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	NUMMY	1		KDCA	WASHINGTON	DC (US)
STAR	FRDMM (RNAV)			KADW	CAMP SPRINGS	MD (US)
STAR	NUMMY	1		KADW	CAMP SPRINGS	MD (US)
STAR	FRDMM (RNAV)			KDAA	FORT BELVOIR	VA (US)
STAR	NUMMY	1		KDAA	FORT BELVOIR	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

ADDED EN ROUTE LOW/HIGH AND CONTROLLER LOW/HIGH TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Feb 27, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: STAND

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390016.17N/0771957.84W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

STAR
STAR
STAR
STAR

USE TITLE

FRDMM (RNAV)
TRUPS (RNAV)
FRDMM (RNAV)
TRUPS (RNAV)

FAC

PAT

AIRPORT IDENT

KDCA
KDCA
KADW
KADW

CITY

WASHINGTON
WASHINGTON
CAMP SPRINGS
CAMP SPRINGS

STATE

DC (US)
DC (US)
MD (US)
MD (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

UPDATED FIX USE: REMOVED STAR FRDMM (RNAV) AND TRUPS (RNAV) AT KDAA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Feb 27, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TGTHR

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390208.41N/0771423.69W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
FRDMM (RNAV)
TRUPS (RNAV)

FAC

PAT

AIRPORT IDENT
KDCA
KDCA

CITY
WASHINGTON
WASHINGTON

STATE
DC (US)
DC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

UPDATED FIX USE: REMOVED STARS FRDMM (RNAV) AND TRUPS (RNAV) AT KADW AND KDAA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Feb 27, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WEWIL

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390605.98N/0780651.76W

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	ARMEL	AML	VOR/DME	L	296.50	288.50	31.90	31.90		11000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FRDMM (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	NUMMY	1		KDCA	WASHINGTON	DC (US)
STAR	FRDMM (RNAV)			KADW	CAMP SPRINGS	MD (US)
STAR	NUMMY	1		KADW	CAMP SPRINGS	MD (US)
STAR	FRDMM (RNAV)			KDAA	FORT BELVOIR	VA (US)
STAR	NUMMY	1		KDAA	FORT BELVOIR	VA (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: 05/16/2024

REASON FOR REVISION:

ADDED EN ROUTE LOW/HIGH AND CONTROLLER LOW/HIGH TO REQUIRED CHARTING.
REMOVED REMARK NAME CHANGED FROM WLLLL TO WEWIL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Feb 27, 2024

QUALITY
14
CHECKED