

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: FERGI

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 385912.16N/0771050.18W

TYPE: WP, RADAR, 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	WASHINGTON	I-VWH	LOC/DME		326.53	315.53	11.00	11.00		3000	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-VWH DME COORDINATES: 385121.15N/0770057.20W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LDA Z RWY 19	1		KDCA	WASHINGTON	DC (US)
STAR	FRDMM (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	TRUPS (RNAV)			KDCA	WASHINGTON	DC (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

1. UPDATED FIX USE, DELETED RNAV (RNP) RWY 19 AT KDCA.
2. UPDATED FIX USE, DELETED RIVER VISUAL RWY 19 AT KDCA.
3. UPDATED FIX USE, DELETED FRDMM AND TRUPS STARS AT KADW AND KDAA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: FRANK JACKSON

APPROVED BY:

DATE: 12/26/2023

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

INFO ONLY

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

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR

FRDMM (RNAV)

KDCA

WASHINGTON

DC (US)

STAR

TRUPS (RNAV)

KDCA

WASHINGTON

DC (US)

STAR

FRDMM (RNAV)

KADW

CAMP SPRINGS

MD (US)

STAR

TRUPS (RNAV)

KADW

CAMP SPRINGS

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:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: HEROO

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 383737.42N/0770622.27W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE

STAR
STAR
STAR
STAR
STAR
STAR
STAR

USE TITLE

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

FAC

PAT

AIRPORT IDENT

KDCA
KDCA
KADW
KADW
KDAA
KDAA

CITY

WASHINGTON
WASHINGTON
CAMP SPRINGS
CAMP SPRINGS
FORT BELVOIR
FORT BELVOIR

STATE

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

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/26/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/16/2012

OFFICE: AJV-352

NAME: PETER GUIMOND

APPROVED BY:

DATE: 06/08/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: POTOMAC APP CON
OTHER:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: CHARLESTON VOR/DME

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 382058.83N/0814611.69W

TYPE:

AIRSPACE DOCKET: 23-ASO-8

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	CHARLESTON	HVQ	VOR/DME	H							45000

FIX RESTRICTIONS:

MCA V133 8500 SOUTHBOUND

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	HVQ	VOR/DME	261.00	081.00	R	1		3000	10000	6	9
2	W	HVQ	VOR/DME	263.53	083.53	R	1		3000	10000	6	9
3	W		WP	261.00	081.00	R		6	3000	10000	7	10
4	W		WP	261.00	081.00	R		4	4000	4000	4	4

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (54-000005)	382428.00N/0815412.00W	2549	4D
2	230	TOWER (54-000005)	382428.00N/0815412.00W	2549	4D
3	200	TOWER (54-000005)	382428.00N/0815412.00W	2549	4D
4	175	TOWER (54-000005)	382428.00N/0815412.00W	2549	4D

HOLDING RESTRICTIONS:

PAT 4 CHART 175K ICON

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

PAT 1 CONTROLLING OBSTACLE LOCATED 3458' INTO THE SECONDARY AREA - PRIMARY EQUIVALENT OBSTACLE IS 1907'.

PAT 2 CONTROLLING OBSTACLE LOCATED 2159' INTO THE SECONDARY AREA - PRIMARY EQUIVALENT OBSTACLE IS 1961'.

PAT 3 CONTROLLING OBSTACLE LOCATED 2410' INTO THE SECONDARY AREA - PRIMARY EQUIVALENT OBSTACLE IS 1950'.

PAT 4 CONTROLLING OBSTACLE LOCATED 9513' INTO THE SECONDARY AREA.

MAGVAR 3W/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL DP	DIKSN ONE (RNAV) DEPARTURE			WV56	KANAWHA	WV (US)
SPECIAL IAP	COPTER RNAV (GPS) 30		4	WV56	KANAWHA	WV (US)
DP	GIPLE (RNAV)			KCVG	COVINGTON	KY (US)
DP	KINGS			KTRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
DP	KNOXVILLE			KTYS	KNOXVILLE	TN (US)
EN ROUTE	J24					(US)
EN ROUTE	J6					(US)
EN ROUTE	J78					(US)
EN ROUTE	J8					(US)
EN ROUTE	J85					(US)
EN ROUTE	Q145					(US)
EN ROUTE	Q68					(US)
EN ROUTE	T423					(US)
EN ROUTE	V115					(US)
EN ROUTE	V128					(US)
EN ROUTE	V133					(US)
EN ROUTE	V258					(US)
EN ROUTE	V309					(US)
EN ROUTE	V35					(US)
EN ROUTE	V4					(US)
EN ROUTE	V45					(US)
IAP	ILS OR LOC RWY 19		1	KBKW	BECKLEY	WV (US)
IAP	ILS OR LOC RWY 23		1	KCRW	CHARLESTON	WV (US)
IAP	ILS OR LOC RWY 5		1	KCRW	CHARLESTON	WV (US)
IAP	RNAV (GPS) Y RWY 23		3	KCRW	CHARLESTON	WV (US)
IAP	RNAV (GPS) Y RWY 5			KCRW	CHARLESTON	WV (US)
IAP	RNAV (RNP) Z RWY 23			KCRW	CHARLESTON	WV (US)
IAP	VOR-A		2	KCRW	CHARLESTON	WV (US)
IAP	ILS OR LOC RWY 30			KHTS	HUNTINGTON	WV (US)
IAP	VOR-A			12V	MILTON	WV (US)
IAP	RNAV (GPS) RWY 8			I16	PINEVILLE	WV (US)
STAR	TRUPS (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	GIBBZ (RNAV)			KHEF	WASHINGTON	DC (US)
STAR	DOCCS			KIAD	WASHINGTON	DC (US)
STAR	GIBBZ (RNAV)			KIAD	WASHINGTON	DC (US)
STAR	RAVNN (RNAV)			KBWI	BALTIMORE	MD (US)

STAR	RAVNN (RNAV)	KMTN	BALTIMORE	MD (US)
STAR	TRUPS (RNAV)	KADW	CAMP SPRINGS	MD (US)
STAR	RAVNN (RNAV)	KDMW	WESTMINSTER	MD (US)
STAR	TRUPS (RNAV)	KDAA	FORT BELVOIR	VA (US)
STAR	DOCCS	KJYO	LEESBURG	VA (US)
STAR	GIBBZ (RNAV)	KJYO	LEESBURG	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 28

DATE OF REVISION: 03/21/2024

REASON FOR REVISION:

1. DOCKET: CHANGED "21-AEA-25" TO "23-ASO-8".
2. FIX USE: ADDED "IAP ILS OR LOC RWY 30 KHTS"; UPDATED "K12V" TO "12V", "KI16" TO "I16", "KWV56 CHARLESTON" TO "WV56 KANAWHA"

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 03/21/2024

OFFICE: AJV-A423

NAME: MICHAEL GARRITY

SIGNATURE:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: LETZZ

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 385442.36N/0772702.40W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR	FRDMM (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	TRUPS (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	FRDMM (RNAV)			KADW	CAMP SPRINGS	MD (US)
STAR	TRUPS (RNAV)			KADW	CAMP SPRINGS	MD (US)
STAR	FRDMM (RNAV)			KDAA	FORT BELVOIR	VA (US)
STAR	TRUPS (RNAV)			KDAA	FORT BELVOIR	VA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/26/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/17/2012

OFFICE: AJV-352

NAME: PETER GUIMOND

APPROVED BY:

DATE: 06/08/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: POTOMAC APP CON
OTHER:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: RLLLL

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 385055.11N/0771820.23W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

DP	HORTO (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	FRDMM (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	TRUPS (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	FRDMM (RNAV)			KADW	CAMP SPRINGS	MD (US)
STAR	TRUPS (RNAV)			KADW	CAMP SPRINGS	MD (US)
STAR	FRDMM (RNAV)			KDAA	FORT BELVOIR	VA (US)
STAR	TRUPS (RNAV)			KDAA	FORT BELVOIR	VA (US)

REQUIRED CHARTING: DP, STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 06/25/2015

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 01/27/2015

OFFICE: AJV-352

NAME: PETER GUIMOND

APPROVED BY:

DATE: 06/25/2015

OFFICE: AJV-352

NAME: ADOLFO URRUTIA

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZDC

ATC FACILITY: POTOMAC APP CON

OTHER:

INFO ONLY

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

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR

FRDMM (RNAV)

KDCA

WASHINGTON

DC (US)

STAR

TRUPS (RNAV)

KDCA

WASHINGTON

DC (US)

STAR

FRDMM (RNAV)

KADW

CAMP SPRINGS

MD (US)

STAR

TRUPS (RNAV)

KADW

CAMP SPRINGS

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:

INFO ONLY

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:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 384543.63N/0770649.28W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
NAME CHANGED FROM LACKE TO VCTRY.

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

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 06/27/2013

REASON FOR REVISION:
CHANGED NAME FROM LACKE TO VCTRY.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 12/17/2012	OFFICE: AJV-352	NAME: PETER GUIMOND
APPROVED BY:	DATE: 04/26/2013	OFFICE: AJV-352	NAME: SUE CRUMB

SIGNATURE:

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