

## RADIO FIX AND HOLDING DATA RECORD

NAME: BRUNC

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 385550.89N/0765624.24W

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  
CLIPR (RNAV)  
SKILS (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: 2

DATE OF REVISION: 06/15/2023

**REASON FOR REVISION:**

UPDATED FIX USE, CHANGED CLIPR (RNAV) FROM IAP TO STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

**INFORMATION ONLY**

# RADIO FIX AND HOLDING DATA RECORD

NAME: EYESS

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 385818.75N/0765348.84W

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  
CLIPR (RNAV)  
SKILS (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: 2

DATE OF REVISION: 06/15/2023

**REASON FOR REVISION:**

UPDATED FIX USE, ADDED (RNAV) TO KDCA SKILS STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A423

NAME: MARLON ROBINSON

SIGNATURE:

**INFORMATION ONLY**

# RADIO FIX AND HOLDING DATA RECORD

NAME: CAVDI

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 382533.43N/0765443.49W

TYPE: WP

AIRSPACE DOCKET: 21-AEA-21

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**REMARKS:**

CHART ON SECTIONAL - ATC REQUEST.

**FIX USE:**

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

EN ROUTE

T320

STAR

CLIPR (RNAV)

KDCA

WASHINGTON

(US)

STAR

SKILS (RNAV)

KDCA

WASHINGTON

DC (US)

DC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/23/2023

**REASON FOR REVISION:**

AIRSPACE DOCKET: ADDED 21-AEA-21.

FIX USE: ADDED T320.

REMARKS: ADDED CHART ON SECTIONAL - ATC REQUEST.

REQUIRED CHARTING: ADDED EN ROUTE LOW, CONTROLLER LOW AND SECTIONAL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

**INFORMATION ONLY**

# RADIO FIX AND HOLDING DATA RECORD

NAME: EDDWD

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 385834.80N/0770138.25W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
STAR  
STAR

USE TITLE  
CLIPR (RNAV)  
SKILS (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: 02/09/2012

REASON FOR REVISION:

DELETED FAC 1 (WP).  
UPDATED FIX USE.  
UPDATED SIGNATURE BLOCKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/09/2011

OFFICE: AJV-352

NAME: JILL OLSON

APPROVED BY:

DATE: 10/31/2011

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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

**INFORMATION ONLY**

# RADIO FIX AND HOLDING DATA RECORD

NAME: FELTY

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 384646.15N/0765640.79W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
STAR  
STAR

USE TITLE  
CLIPR (RNAV)  
SKILS (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: 02/09/2012

REASON FOR REVISION:

DELETED FAC 1 (WP).  
UPDATED FIX USE.  
UPDATED SIGNATURE BLOCKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/09/2011

OFFICE: AJV-352

NAME: JILL OLSON

APPROVED BY:

DATE: 10/31/2011

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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

**INFORMATION ONLY**

# RADIO FIX AND HOLDING DATA RECORD

NAME: HITEK

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 384119.00N/0765609.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE  
STAR  
STAR  
STAR

USE TITLE  
CLIPR (RNAV)  
DEALE (RNAV)  
SKILS (RNAV)

FAC

PAT

AIRPORT IDENT  
KDCA  
KDCA  
KDCA

CITY  
WASHINGTON  
WASHINGTON  
WASHINGTON

STATE  
DC (US)  
DC (US)  
DC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/09/2012

**REASON FOR REVISION:**

DELETED FAC 1 (WP).  
UPDATED FIX USE.  
UPDATED SIGNATURE BLOCKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/09/2011

OFFICE: AJV-352

NAME: JILL OLSON

APPROVED BY:

DATE: 10/31/2011

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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

**INFORMATION ONLY**

# RADIO FIX AND HOLDING DATA RECORD

NAME: MEGGS

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390207.88N/0770555.86W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE  
EN ROUTE  
STAR  
STAR  
STAR

USE TITLE  
T291  
CLIPR (RNAV)  
DEALE (RNAV)  
SKILS (RNAV)

FAC

PAT

AIRPORT IDENT

CITY

STATE

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

KDCA  
KDCA  
KDCA

WASHINGTON  
WASHINGTON  
WASHINGTON

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 03/05/2015

**REASON FOR REVISION:**

1. ADDED ENROUTE LOW AND CONTROLLER TO REQUIRED CHARTING.
2. UPDATED FIX USE, ADDED KDCA DEALE (RNAV) STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 12/22/2014

OFFICE: AJV-351

NAME: DAVID SAUER

APPROVED BY:

DATE: 03/05/2015

OFFICE: AJV-352

NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION:

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

**INFORMATION ONLY**

# RADIO FIX AND HOLDING DATA RECORD

NAME: NAYES

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390801.02N/0771315.81W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
STAR  
STAR

USE TITLE  
CLIPR (RNAV)  
SKILS (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: 2

DATE OF REVISION: 02/09/2012

REASON FOR REVISION:

DELETED FAC 1 (WP).  
UPDATED FIX USE.  
UPDATED SIGNATURE BLOCKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/09/2011

OFFICE: AJV-352

NAME: JILL OLSON

APPROVED BY:

DATE: 10/31/2011

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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

**INFORMATION ONLY**



# RADIO FIX AND HOLDING DATA RECORD

NAME: PHILIPSBURG VORTAC STATE: PA COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 405458.53N/0775933.78W TYPE:

AIRSPACE DOCKET: 21-AEA-16 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	PHILIPSBURG	PSB	VORTAC	H							45000

## FIX RESTRICTIONS:

MCA V33 4800 SOUTHEAST BOUND  
MCA V184 4800 SOUTHEAST BOUND  
MCA V265 4800 SOUTHEAST BOUND

## 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	NW	PSB	VORTAC	292.87	112.87	L	1		4000	8000	4	8
2	E	PSB	VORTAC	076.00	256.00	R	1		4000	8000	4	8

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (42-002274)	405513.61N/0775827.22W	2855	5E
2	200	TOWER (42-002274)	405513.61N/0775827.22W	2855	5E

## REASON FOR NONSTANDARD HOLDING:

PAT 1 REMAIN WITHIN ZNY AIRSPACE

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

**INFORMATION ONLY**

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ASSIGNED FACILITY MAGVAR: 10W/1985.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	XEROX			KROC	ROCHESTER	NY (US)
EN ROUTE	J49					(US)
EN ROUTE	J59					(US)
EN ROUTE	J60					(US)
EN ROUTE	J61					(US)
EN ROUTE	Q71					(US)
EN ROUTE	T216					(US)
EN ROUTE	T430					(US)
EN ROUTE	V184					(US)
EN ROUTE	V265					(US)
EN ROUTE	V30					(US)
EN ROUTE	V33					(US)
EN ROUTE	V35					(US)
EN ROUTE	V501					(US)
EN ROUTE	V576					(US)
EN ROUTE	V6					(US)
IAP	VOR-A		1	N96	BELLEFONTE	PA (US)
IAP	RNAV (GPS) RWY 30			KFIG	CLEARFIELD	PA (US)
IAP	VOR RWY 30			KFIG	CLEARFIELD	PA (US)
IAP	RNAV (GPS) RWY 16			KPSB	PHILIPSBURG	PA (US)
IAP	VOR RWY 24		2	KPSB	PHILIPSBURG	PA (US)
IAP	LOC RWY 6 (ALT MISS)		2	KRVL	REEDSVILLE	PA (US)
IAP	RNAV (GPS) RWY 24			KRVL	REEDSVILLE	PA (US)
IAP	RNAV (GPS) RWY 6			KRVL	REEDSVILLE	PA (US)
IAP	ILS OR LOC RWY 24		2	KUNV	STATE COLLEGE	PA (US)
IAP	RNAV (GPS) RWY 24			KUNV	STATE COLLEGE	PA (US)
IAP	RNAV (GPS) RWY 6			KUNV	STATE COLLEGE	PA (US)
STAR	SKILS (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	PRIVO			KHEF	WASHINGTON	DC (US)
STAR	MAPEL (RNAV)			KIAD	WASHINGTON	DC (US)
STAR	PRIVO			KIAD	WASHINGTON	DC (US)
STAR	SELINGSGROVE			KIAD	WASHINGTON	DC (US)
STAR	BUNTS			KILG	WILMINGTON	DE (US)
STAR	BUNTS			KTTN	TRENTON	NJ (US)
STAR	MILTON			KLGA	NEW YORK	NY (US)
STAR	BUNTS			KMQS	COATESVILLE	PA (US)
STAR	BOJID (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	BUNTS			KPHL	PHILADELPHIA	PA (US)
STAR	BUNTS			KPNE	PHILADELPHIA	PA (US)
STAR	HAYNZ (RNAV)			KPIT	PITTSBURGH	PA (US)

STAR  
STAR  
STARPRIVO  
PRIVO  
PRIVOKJYO  
KNYG  
KMRBLEESBURG  
QUANTICO  
MARTINSBURGVA (US)  
VA (US)  
WV (US)**REQUIRED CHARTING:** DP, STAR, MILITARY IAP, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH**COMPULSORY REPORTING POINT:** NO**RECORD REVISION NUMBER:** 25**DATE OF REVISION:** 11/03/2022**REASON FOR REVISION:**

ADDED T430 TO FIX USE

ADDED DOCKET NUMBER 21-AEA-16

REMOVED V58 FROM FIX USE-DOCKET 21-AEA-17

**INITIATED BY:****DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A412

**NAME:** STEVEN OWNBEY**APPROVED BY:****DATE:** 11/03/2022**OFFICE:** AJV-A410**NAME:** JULIE MORGAN**SIGNATURE:****INFORMATION ONLY**

# RADIO FIX AND HOLDING DATA RECORD

NAME: ROAST

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 395723.71N/0762601.01W

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 NM	FAC FEET	MRA	MAA
1	LANCASTER	LRP	VOR/DME	L	222.85	213.85	11.79	11.79		4500	17500
2	MODENA	MXE	VORTAC	L	283.00	274.00	35.28	35.28		10000	17500

## FIX RESTRICTIONS:

MRA V457 10000

MRA V93 10000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

LANCASTER (FAC 1) AND MODENA (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V184	1, 2				(US)
EN ROUTE	V457	1, 2				(US)
EN ROUTE	V474	1, 2				(US)
EN ROUTE	V93	1, 2				(US)
STAR	SKILS (RNAV)			KDCA	WASHINGTON	DC (US)

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 09/13/2018

## REASON FOR REVISION:

1. CHANGED FIX RESTRICTIONS FROM "MRA ALL 10000" TO "MRA V93-457 10000" - MRA IS NOT REQUIRED FOR V184-274 BECAUSE THE V184-274 MEA IS 10000 REGARDLESS IF TRAVELING EAST OR WEST; THE MRA FOR V93-457 IS REQUIRED BECAUSE WHEN PROCEEDING ON THE AIRWAY IN EITHER DIRECTION (NE OR SW), THE INTERSECTION CANNOT BE RECEIVED LOWER THAN 10000 DUE TO MXE FACILITY RESTRICTIONS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 11/09/2017

OFFICE: AJV-5423

NAME: JOHN THORNTON

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: EST  
ARTCC: ZNY  
ATC FACILITY: NYC APP CON  
OTHER:

**INFORMATION ONLY**

# RADIO FIX AND HOLDING DATA RECORD

NAME: SHILO

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 394100.20N/0763653.61W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 21-AEA-23

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	BALTIMORE	BAL	VORTAC	L	015.00	004.00	30.79	30.79		3000	17500
2	WESTMINSTER	EMI	VORTAC	H	064.08	056.08		20.30		3000	17500

## HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V33	1, 2				(US)
EN ROUTE	V93	1, 2				(US)
STAR	SKILS (RNAV)			KDCA	WASHINGTON	DC (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/03/2022

## REASON FOR REVISION:

1. ADDED AIRSPACE DOCKET 21-AEA-23.
2. DELETED V31 FROM FIX USE.
3. CHANGED "CONTROLLER" TO "CONTROLLER LOW" IN REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

**INFORMATION ONLY**

# RADIO FIX AND HOLDING DATA RECORD

NAME: VINNY

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 394516.64N/0763630.16W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 21-AEA-23

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	MODENA	MXE	VORTAC	L	266.56	257.56	44.43	44.43		3500	17500
2	BALTIMORE	BAL	VORTAC	L	015.00	004.00	35.07	35.07		3000	17500
3	LANCASTER	LRP	VOR/DME	L	222.85	213.85	26.34	26.34		9000	17500
4	WESTMINSTER	EMI	VORTAC	H	055.68	047.68	23.17	23.17		3000	17500
5	HARRISBURG	HAR	VORTAC	L	156.93	146.93	39.11	39.11		7000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MXE	VORTAC	R-267	45	3500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

BALTIMORE (FAC 2) AND WESTMINSTER (FAC 4) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T291					(US)
EN ROUTE	V3	1, 2, 3,				(US)
		4, 5				
EN ROUTE	V33	1, 2, 3,				(US)
		4, 5				
EN ROUTE	V408	1, 2, 4				(US)
EN ROUTE	V457	2, 3, 4,				(US)
		5				
EN ROUTE	V93	2, 3, 5				(US)
STAR	SKILS (RNAV)			KDCA	WASHINGTON	DC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 11/03/2022

## REASON FOR REVISION:

1. CHANGED AIRSPACE DOCKET FROM "21-AEA-18" TO "21-AEA-23".
2. DELETED V3 AND V31 FROM FIX USE.
3. CHANGED MXE ESV DISTANCE FROM "50" TO "45" AND MAX ALTITUDE FROM "23000" TO "17500".
4. ADDED FACS 2, 3, AND 4 TO V33 IN FIX USE.

09/16/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/19/22.

1. ADDED V3 IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

**INFORMATION ONLY**

# RADIO FIX AND HOLDING DATA RECORD

NAME: SKILS

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 393014.00N/0763752.32W

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	FEET	MRA	MAA
1	BALTIMORE	BAL	VORTAC	L	015.00	004.00	20.00	20.00		3000	17500
2	WESTMINSTER	EMI	VORTAC	H	096.00	088.00		16.14		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	N	BAL	VORTAC	015.00	195.00	R	1		3000	14000	7	9
2	N		WP	013.02	193.02	R		4	3000	14000	5	11
3	N		WP	015.02	195.02	R		4	3000	14000	7	9

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	210	TOWER (24-000601)	393755.00N/0764231.00W	1359	5E
2	200	TOWER (24-000601)	393755.00N/0764231.00W	1359	5E
3	210	TOWER (24-000601)	393755.00N/0764231.00W	1359	5E

## HOLDING RESTRICTIONS:

PAT 1 CHART 210K ICON  
HOLDING LIMITED TO ESTABLISHED PATTERNS.  
PAT 3 CHART 210K ICON

## REMARKS:

BALTIMORE (FAC 1) AND WESTMINSTER (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
CHART PAT 1 ON EN ROUTE LOW.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V33	1, 2	1			(US)
EN ROUTE	V93	1, 2	1			(US)
IAP	RNAV (GPS) RWY 33		2	KMTN	BALTIMORE	MD (US)
STAR	CLIPR (RNAV)		3	KDCA	WASHINGTON	DC (US)
STAR	SKILS (RNAV)		3	KDCA	WASHINGTON	DC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 06/15/2023

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A423

NAME: MARLON ROBINSON

SIGNATURE:

**INFORMATION ONLY**