

RADIO FIX AND HOLDING DATA RECORD

NAME: BAAAM

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 384955.01N/0770703.26W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
CAPSS (RNAV)

FAC

PAT

AIRPORT IDENT
KDCA

CITY
WASHINGTON

STATE
DC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/05/2015

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/02/2013

OFFICE: AJV-352

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 APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: BULII

STATE: DC

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 380416.37N/0771754.53W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN	ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	SW		WP	204.68	024.68	R	10	13000	16000	15 15

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (51-001056)	374431.77N/0771514.15W	991	3C

HOLDING RESTRICTIONS:

PAT 1 CHART 230K ICON
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ATC REQUESTED 10 NM LEG LENGTH FOR PAT 1 HOLDING - EVALUATED USING TEMPLATE 15 TO PROTECT FOR 10 NM LEGS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CAPSS (RNAV)		1	KDCA	WASHINGTON	DC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 03/29/2018

REASON FOR REVISION:

CHANGED PAT 1 HOLDING CRS INBOUND FROM 022.68 TO 024.68 AND RAD/CRS/BRG FROM 202.68 TO 204.68 - KDCA MAGVAR UPDATED FROM 9W/1985 TO 11W/2020.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 09/19/2017

OFFICE: AJV-5431

NAME: SEAN BARBEE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: CAPSS

STATE: DC

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 381202.82N/0771527.99W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	SW		WP	204.92	024.92	R	10	10000	13000	15	15

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (51-001061)	381344.00N/0770727.00W	681	5D

HOLDING RESTRICTIONS:

PAT 1 CHART 230K ICON
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ATC REQUESTED 10 NM LEG LENGTH FOR PAT 1 HOLDING - EVALUATED USING TEMPLATE 15 TO PROTECT FOR 10 NM LEGS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CAPSS (RNAV)		1	KDCA	WASHINGTON	DC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 03/29/2018

REASON FOR REVISION:

CHANGED PAT 1 HOLDING CRS INBOUND FROM 022.92 TO 024.92 AND RAD/CRS/BRG FROM 202.92 TO 204.92 - KDCA MAGVAR UPDATED FROM 9W/1985 TO 11W/2020.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 09/19/2017

OFFICE: AJV-5431

NAME: SEAN BARBEE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: ELAPP

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 375340.21N/0772110.46W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR

USE TITLE
CAPSS (RNAV)

FAC

PAT

AIRPORT IDENT
KDCA

CITY
WASHINGTON

STATE
DC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/10/2015

REASON FOR REVISION:

MOVED FIX 3.53 NM SW FROM 375706.21N/0772006.55W TO 375340.21N/0772110.46W, PER ATC.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/17/2015

OFFICE: AJV-352

NAME: DAVID DOWLING

APPROVED BY:

DATE: 11/27/2015

OFFICE: AJV-352

NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: FLIPZ

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 382209.55N/0771138.42W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR

USE TITLE
CAPSS (RNAV)

FAC

PAT

AIRPORT IDENT
KDCA

CITY
WASHINGTON

STATE
DC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/10/2015

REASON FOR REVISION:

MOVED FIX 2.71 NM NE FROM 381948.76N/0771321.93W TO 382209.55N/0771138.42W, PER ATC.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/17/2015

OFFICE: AJV-354

NAME: DAVID DOWLING

APPROVED BY:

DATE: 11/27/2015

OFFICE: AJV-352

NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: HALLL

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 383107.19N/0770033.68W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	SW		WP	232.53	052.53	L	5	4000	13000	7	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (24-001080)	383318.40N/0765851.70W	548	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ATC REQUESTED 5 NM LEG LENGTH FOR PAT 1 HOLDING.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CAPSS (RNAV)		1	KDCA	WASHINGTON	DC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 03/29/2018

REASON FOR REVISION:

CHANGED PAT 1 CRS INBOUND FROM 050.53 TO 052.53 AND RAD/CRS/BRG FROM 230.53 TO 232.53 - KDCA MAGVAR UPDATED FROM 9W/1985 TO 11W/2020.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 09/19/2017

OFFICE: AJV-5431

NAME: SEAN BARBEE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: HOYAS

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 382012.69N/0771252.30W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR

USE TITLE
CAPSS (RNAV)

FAC

PAT

AIRPORT IDENT
KDCA

CITY
WASHINGTON

STATE
DC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/10/2015

REASON FOR REVISION:

MOVED FIX N 2.00NM FROM 381816.47N/0771330.21W TO 382012.69N/0771252.30W.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/19/2015

OFFICE: AJV-354

NAME: DAVID DOWLING

APPROVED BY:

DATE: 11/27/2015

OFFICE: AJV-352

NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: JILES

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 384115.12N/0770416.22W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR

USE TITLE
CAPSS (RNAV)

FAC

PAT

AIRPORT IDENT
KDCA

CITY
WASHINGTON

STATE
DC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

1. TYPE: REMOVED "INT" AND "DME"
2. FIX MAKE-UP: REMOVED FAC 1 "WASHINGTON DCA VOR/DME" AND FAC 2 "NOTTINGHAM OTT VORTAC"
3. REMARKS: REMOVED "WASHINGTON (FAC 1) AND NOTTINGHAM (FAC 2) USED TO ESTABLISH FIX COORDINATES." AND "CHART FAC 1 AND 2 ON EN ROUTE LOW."
4. CHARTING: UPDATED "CONTROLLER" TO "CONTROLLER LOW"

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: KATRN STATE: MD COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 384053.90N/0770114.37W 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	MRA	MAA
1	WASHINGTON	I-DCA	LOC/DME		186.50	175.50	10.70	11.02	2500	4500
2	WASHINGTON	DCA	VOR/DME	L	185.02	176.02	10.68	10.68	2500	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	S		WP	186.50	006.50	R		4	3000	6000	5	13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (24-000956)	383704.45N/0765431.07W	684	1A
1	310	TOWER (24-000957)	384034.69N/0765009.23W	1049	5E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 15	KDCA	WASHINGTON	DC (US)

REMARKS:

WASHINGTON (FAC 1) USED TO ESTABLISH FIX COORDINATES.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	COPTER ILS OR LOC/DME RWY 1	1		KDCA	WASHINGTON	DC (US)
IAP	ILS OR LOC RWY 1	1		KDCA	WASHINGTON	DC (US)
IAP	ILS RWY 1 (CAT II)	1		KDCA	WASHINGTON	DC (US)
IAP	ILS RWY 1 (SA CAT I)	1		KDCA	WASHINGTON	DC (US)
IAP	MOUNT VERNON VISUAL RWY 1	1, 2		KDCA	WASHINGTON	DC (US)
IAP	RNAV (GPS) RWY 33			KDCA	WASHINGTON	DC (US)
IAP	RNAV (GPS) RWY 15		1	KDCA	WASHINGTON	DC (US)
STAR	CAPSS (RNAV)			KDCA	WASHINGTON	DC (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

FIX USE: ADDED RNAV (GPS) RWY 15
 HOLDING PATTERN: ADDED HOLDING PATTERN 1 AND ALL ASSOCIATED DATA/NOTES.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A421	NAME: PATRICK DAVIS
APPROVED BY:	DATE: 08/28/2025	OFFICE: AJV-A33	NAME: ERIC N SUSKI
SIGNATURE:			

RADIO FIX AND HOLDING DATA RECORD

NAME: KSETT

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 374555.35N/0772334.29W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
CAPSS (RNAV)

FAC

PAT

AIRPORT IDENT
KDCA

CITY
WASHINGTON

STATE
DC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/05/2015

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/17/2013

OFFICE: AJV-352

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 APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: MOEJO

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 383432.69N/0770651.34W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN	ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	SW		WP	207.87	027.87	R	5	10000	13000	10 11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (24-001080)	383318.40N/0765851.70W	548	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ATC REQUESTED 5 NM LEG LENGTH FOR PAT 1 HOLDING; MIN/MAX TEMPLATES BASED ON 5 NM LEGS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CAPSS (RNAV)		1	KDCA	WASHINGTON	DC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 03/29/2018

REASON FOR REVISION:

CHANGED PAT 1 HOLDING CRS INBOUND FROM 025.87 TO 027.87 AND RAD/CRS/BRG FROM 205.87 TO 207.87 - KDCA MAGVAR UPDATED FROM 9W/1985 TO 11W/2020.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 09/19/2017

OFFICE: AJV-5431

NAME: SEAN BARBEE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: PACKE

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 385554.41N/0771430.61W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR

USE TITLE
CAPSS (RNAV)

FAC

PAT

AIRPORT IDENT
KDCA

CITY
WASHINGTON

STATE
DC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 03/05/2015

REASON FOR REVISION:

1. DELETED FAC 1, SCRIP.
2. UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/13/2013

OFFICE: AJV-352

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 APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SMOOT

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 384556.58N/0770347.80W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
CAPSS (RNAV)

FAC

PAT

AIRPORT IDENT
KDCA

CITY
WASHINGTON

STATE
DC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/05/2015

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/17/2013

OFFICE: AJV-352

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 APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: THHMP

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 372929.47N/0771908.75W

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	S		WP	193.11	013.11	L	10	25000	45000	21	30

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

ATC REQUESTED 10 NM LEG LENGTH.
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	NUTIY (RNAV)			KORF	NORFOLK	VA (US)
EN ROUTE	T398					(US)
STAR	TRSTN (RNAV)			KHEF	DISTRICT OF COLUMBIA	DC (US)
STAR	CAPSS (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	CAVLR (RNAV)			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	RAVNN (RNAV)		1	KBWI	BALTIMORE	MD (US)
STAR	RAVNN (RNAV)		1	KMTN	BALTIMORE	MD (US)
STAR	VUDOO (RNAV)			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	TRSTN (RNAV)			KCJR	CULPEPER	VA (US)
STAR	TRSTN (RNAV)			KFRR	FRONT ROYAL	VA (US)
STAR	TRSTN (RNAV)			KJYO	LEESBURG	VA (US)
STAR	TRSTN (RNAV)			KHWY	WARRENTON	VA (US)
STAR	TRSTN (RNAV)			KOKV	WINCHESTER	VA (US)
STAR	TRSTN (RNAV)			KMRB	MARTINSBURG	WV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

1. FIX USE: ADDED DP NUTIY (RNAV) AND DATA.
2. REQUIRED CHARTING: ADDED DP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: EMMANUEL GONZALES

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WAVES

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 373513.54N/0772652.03W

TYPE: WP

AIRSPACE DOCKET: 21-AEA-22

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	SW		WP	204.74	024.74	R	10	21000	22000	19	19

HOLDING RESTRICTIONS:

PAT 1 CHART 250K ICON
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

ATC REQUESTED 10 NM LEG LENGTH FOR PAT 1 HOLDING.
CHART ON SECTIONAL PER ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T224					(US)
EN ROUTE	T315					(US)
EN ROUTE	T360					(US)
STAR	CAPSS (RNAV)		1	KDCA	WASHINGTON	DC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 02/23/2023

REASON FOR REVISION:

AIRSPACE DOCKET: UPDATED FROM "21-ASO-7" TO "21-AEA-22".
REMARKS: ADDED "CHART ON SECTIONAL PER ATC REQUEST".
FIX USE: ADDED "T315" AND "T360".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: COLIN CAMPBELL

APPROVED BY:

DATE: 12/29/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE: