

RADIO FIX AND HOLDING DATA RECORD

NAME: BNTLY STATE: VA COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 380314.99N/0773605.16W 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	213.84	033.84	R	10	13000	22000	15	20

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (51-000740)	381148.00N/0773344.00W	820	5D

HOLDING RESTRICTIONS:

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

INFORMATION ONLY

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1 HOLDING TEMPLATE IS DRIVEN BY ATC REQUESTED 10 NM LEG LENGTH.

FIX USE:

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

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 06/25/2015

REASON FOR REVISION:

1. CHANGED PAT 1 CONTROLLING OBSTRUCTION FROM AIRSPEED 265 TO 230.
2. CHARTED 230K ICON.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 01/15/2015	OFFICE: AJV-351	NAME: DAVID SAUER
APPROVED BY:	DATE: 03/25/2015	OFFICE: AJV-352	NAME: ADOLFO URRUTIA
SIGNATURE:			

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

RADIO FIX AND HOLDING DATA RECORD

NAME: CAVLR STATE: VA COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 381421.14N/0772900.90W 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 MIN MAX	TEMPLATES MIN MAX
1	SW		WP	216.76	036.76	L	5	10000	14000	8 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	210	TOWER (51-000740)	381148.00N/0773344.00W	819	5D

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST.

INFORMATION ONLY

HOLDING RESTRICTIONS:
PAT 1 CHART 210K ICON

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

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

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 02/04/2016

REASON FOR REVISION:

ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED. TO REMARKS.

INITIATED BY: DATE: ORGANIZATION: NAME:

DEVELOPED BY: DATE: 09/25/2015 OFFICE: AJV-5413 NAME: LIAM DONAHUE

APPROVED BY: DATE: 12/21/2015 OFFICE: AJV-5410 NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: COINZ

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 383452.91N/0772223.58W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP
IAP
STAR

USE TITLE
RNAV (GPS) Y RWY 30
RNAV (RNP) Z RWY 30
CAVLR (RNAV)

FAC

PAT

AIRPORT IDENT
KIAD
KIAD
KIAD

CITY

WASHINGTON
WASHINGTON
WASHINGTON

STATE

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

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/25/2024

INFORMATION ONLY

REASON FOR REVISION:

FIX USE ADDED RNAV (GPS) Y RWY 30 AND RNAV (RNP) Z RWY 30 @ KIAD
REQUIRED CHARTING ADDED IAP

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: JOSHUA DUGAN

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: JROBB **STATE:** VA **COUNTRY:** US **ICAO REGION CODE:** K6
LATITUDE/LONGITUDE: 375652.74N/0773430.92W **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	CAVLR (RNAV)			KIAD	WASHINGTON	DC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

INFORMATION ONLY

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: KASDY

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 382957.17N/0772330.01W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
CAVLR (RNAV)

FAC

PAT

AIRPORT IDENT
KIAD

CITY

WASHINGTON

STATE

DC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

INFORMATION ONLY

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: KHOOD

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 375255.24N/0774151.57W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
CAVLR (RNAV)

FAC

PAT

AIRPORT IDENT
KIAD

CITY

WASHINGTON

STATE

DC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

INFORMATION ONLY

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: MEEGO STATE: VA COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 380930.81N/0773206.56W 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	216.62	036.62	R	10	11000	22000	15 16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	210	TOWER (51-000740)	381148.00N/0773344.00W	820	5D

HOLDING RESTRICTIONS:

PAT 1 CHART 210K ICON
HOLDING LIMITED TO ESTABLISHED PATTERN.

INFORMATION ONLY

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ATC REQUESTED 10NM LEG LENGTH AND 210 KNOT HOLDING. USED MIN TEMPLATE 15 TO CONTAIN 10 NM LEG LENGTH.

FIX USE:

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

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 06/25/2015

REASON FOR REVISION:

1. CHANGED PAT 1 CONTROLLING OBSTRUCTION FROM AIRSPEED 230 TO 210.
2. CHANGED CHARTED ICON FROM 230K TO 210K.
3. CHANGED REMARK ABOUT HOLDING LEG LENGTH FROM 230 TO 210 KNOT.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 01/15/2015	OFFICE: AJV-351	NAME: DAVID SAUER
APPROVED BY:	DATE: 03/25/2015	OFFICE: AJV-352	NAME: ADOLFO URRUTIA

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 373911.93N/0774928.81W **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	TRSTN (RNAV)			KHEF	DISTRICT OF COLUMBIA	DC (US)
STAR	CAVLR (RNAV)			KIAD	WASHINGTON	DC (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)			KDMW	WESTMINSTER	MD (US)
STAR	TRSTN (RNAV)			KCJR	CULPEPER	VA (US)
STAR	TRSTN (RNAV)			KEZF	FREDERICKSBURG	VA (US)
STAR	TRSTN (RNAV)			KFRR	FRONT ROYAL	VA (US)
STAR	TRSTN (RNAV)			KJYO	LEESBURG	VA (US)
STAR	TRSTN (RNAV)			KNYG	QUANTICO	VA (US)
STAR	TRSTN (RNAV)			KRMN	STAFFORD	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: STAR, MILITARY STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 03/05/2015

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 06/13/2013	OFFICE: AJV-352	NAME: DAVID SAUER
APPROVED BY:	DATE: 03/20/2015	OFFICE: AJV-352	NAME: SUE CRUMB

SIGNATURE:

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

INFORMATION ONLY

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 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.

INFORMATION ONLY

REMARKS:
ATC REQUESTED 10 NM LEG LENGTH.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
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	RAVNN (RNAV)		1	KDMW	WESTMINSTER	MD (US)
STAR	TRSTN (RNAV)			KDMW	WESTMINSTER	MD (US)
STAR	TRSTN (RNAV)			KCJR	CULPEPER	VA (US)
STAR	TRSTN (RNAV)			KEZF	FREDERICKSBURG	VA (US)
STAR	TRSTN (RNAV)			KFRR	FRONT ROYAL	VA (US)
STAR	TRSTN (RNAV)			KJYO	LEESBURG	VA (US)
STAR	TRSTN (RNAV)			KNYG	QUANTICO	VA (US)
STAR	TRSTN (RNAV)			KRMN	STAFFORD	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: STAR, MILITARY STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/05/2020

REASON FOR REVISION:

FIX USE: ADDED ARLFT (RNAV) STAR.
CHARTING: ADDED CONTROLLER HIGH/LOW.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A442 **NAME:** JOSEPH ZEDER
APPROVED BY: **DATE:** **OFFICE:** AJV-A440 **NAME:** PATRICK MULQUEEN

SIGNATURE:

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