

RADIO FIX AND HOLDING DATA RECORD

NAME: MODEL

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 374401.71N/0764126.85W

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	FAC FEET	MRA	MAA
1	HARCUM	HCM	VORTAC	L	010.28	003.28		17.12		4000	17500
2	RICHMOND	RIC	VORTAC	H	074.00	065.00	33.06	33.06		4000	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		WP	342.72	162.72	R		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (51-001336)	374439.00N/0764341.00W	476	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

HARCUM (FAC 1) AND RICHMOND (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	COLIN	1, 2		KRIC	RICHMOND	VA (US)
EN ROUTE	V33	1, 2				(US)
IAP	RNAV (GPS) RWY 10		1	KXSA	TAPPAHANNOCK	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 02/04/2016

REASON FOR REVISION:

1. INCREASED FAC 1 AND FAC 2 MRA FROM 2000 TO 4000.
2. ADDED REMARK RICHMOND (FAC 2) AND HARCUM (FAC 1) USED TO ESTABLISH FIX COORDINATES.
3. AMENDED PAT 1 CONTROLLING OBSTACLE ELEVATION FROM 477 MSL TO 476 MSL.

DEVELOPED BY: DATE: 10/29/2015

OFFICE: AJV-5413

NAME: PETER GUIMOND

APPROVED BY: DATE: 02/04/2016

OFFICE: AJV-5410

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TAPPA

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 375812.66N/0765040.62W

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	CAPE CHARLES	CCV	VORTAC	L	323.02	313.02	54.96	54.96	2000	17500
2	HOPEWELL	HPW	VORTAC	L	024.51	018.51	40.55	40.55	2000	17500
3	PATUXENT	PXT	VORTAC	L	237.99	227.99	28.37	28.37	5000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CCV	VORTAC	R-323	55	2000	17500
HPW	VORTAC	R-025	41	2000	17500

FIX RESTRICTIONS:

MCA V16-20-157-213 5000 NORTHEAST BOUND

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	SW	HPW	VORTAC	024.51	024.51	L	1		2000	9000	7	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (51-000514)	374812.00N/0765423.00W	580	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 FOR CLEARANCE BETWEEN HPW R-025 AND V33

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.
HOLDING ALTITUDES ESTABLISHED PER POTOMAC TRACON.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V157	1, 2				(US)
EN ROUTE	V16	1, 2				(US)
EN ROUTE	V20	1, 2				(US)
EN ROUTE	V213	1, 2, 3				(US)
EN ROUTE	V286	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 11			K2W6	LEONARDTOWN	MD (US)
IAP	RNAV (GPS) RWY 10			KXSA	TAPPAHANNOCK	VA (US)
STAR	SMYRNA	1, 2, 3		KDOV	DOVER	DE (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 03/10/2011

REASON FOR REVISION:

FAC 1, 2, AND 3 ADDED DIST FROM FAC. REVERSED ORDER OF FAC 1 AND FAC 2.
UPDATED FORMAT.
UPDATED HOLDING PATTERN 1 OBSTACLE'S ID NUMBER.
UPDATED FIX USE.
ADDED MCA FLAG.

DEVELOPED BY: DATE: 09/01/2010

OFFICE: AVN-110

NAME: KATHRYN SPURLIN

APPROVED BY: DATE: 12/08/2010

OFFICE: AVN-110

NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY:

QUALITY
16
CHECKED

OTHER: PCT TRACON

