

RADIO FIX AND HOLDING DATA RECORD

NAME: HARCUM VORTAC

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 372655.18N/0764240.87W

TYPE:

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	HARCUM	HCM	VORTAC	L							17500

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 ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE	HCM	VORTAC	155.00	335.00	R	1		1700	6000	4	5
2	W	HCM	VORTAC	283.60	103.60	L	1		2000	14000	4	10
3	W		WP	283.60	103.60	L		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	373039.00N/0764045.00W	332	4E
1	310	TOWER (51-000309)	371234.00N/0763234.00W	568	5D
2	200	TOWER (51-001121)	372701.00N/0764852.00W	405	5D
3	200	TOWER (51-001121)	372701.00N/0764852.00W	405	5D

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST.

PAT 3 ATC REQUEST.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	LOC RWY 10	KFYJ	WEST POINT	VA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HENRY			KPHF	NEWPORT NEWS	VA (US)
DP	KISRR			KORF	NORFOLK	VA (US)
DP	COLIN			KRIC	RICHMOND	VA (US)
EN ROUTE	J193					(US)
EN ROUTE	J24					(US)
EN ROUTE	V33					(US)
EN ROUTE	V38					(US)
IAP	COPTER RNAV (GPS) RWY 14			KFAF	FORT EUSTIS	VA (US)
IAP	RNAV (GPS) RWY 14			KFAF	FORT EUSTIS	VA (US)
IAP	ILS OR LOC RWY 25		2	KPHF	NEWPORT NEWS	VA (US)
IAP	ILS OR LOC RWY 7			KPHF	NEWPORT NEWS	VA (US)
IAP	LOC/DME RWY 20		2	KPHF	NEWPORT NEWS	VA (US)
IAP	RNAV (GPS) RWY 2			KPHF	NEWPORT NEWS	VA (US)
IAP	RNAV (GPS) RWY 20			KPHF	NEWPORT NEWS	VA (US)
IAP	RNAV (GPS) RWY 25			KPHF	NEWPORT NEWS	VA (US)
IAP	RNAV (GPS) RWY 7			KPHF	NEWPORT NEWS	VA (US)
IAP	ILS OR LOC RWY 23			KORF	NORFOLK	VA (US)
IAP	ILS OR LOC RWY 5			KORF	NORFOLK	VA (US)
IAP	RNAV (GPS) RWY 14			KORF	NORFOLK	VA (US)
IAP	VOR/DME RWY 14			KORF	NORFOLK	VA (US)
IAP	VOR/DME RWY 32			KORF	NORFOLK	VA (US)
IAP	VOR RWY 23			KPTB	PETERSBURG	VA (US)
IAP	RNAV (GPS) RWY 29			KW96	QUINTON	VA (US)
IAP	ILS OR LOC RWY 02			KRIC	RICHMOND	VA (US)
IAP	ILS OR LOC RWY 34			KRIC	RICHMOND	VA (US)
IAP	ILS RWY 34 (CAT II-III)			KRIC	RICHMOND	VA (US)
IAP	ILS RWY 34 (SA CAT I)			KRIC	RICHMOND	VA (US)
IAP	VOR RWY 2			KRIC	RICHMOND	VA (US)
IAP	VOR RWY 34			KRIC	RICHMOND	VA (US)
IAP	GPS RWY 1			KW75	SALUDA	VA (US)
IAP	RNAV (GPS) RWY 28			KXSA	TAPPAHANNOCK	VA (US)
IAP	LOC RWY 10		1	KFYJ	WEST POINT	VA (US)
IAP	VOR-A		1	KFYJ	WEST POINT	VA (US)
IAP	RNAV (GPS) - C		3	KJGG	WILLIAMSBURG	VA (US)
IAP	VOR-B		2	KJGG	WILLIAMSBURG	VA (US)
IAP	RNAV (GPS) RWY 23			KW94	WILLIAMSBURG	VA (US)
IAP	RNAV (GPS) RWY 5			KW94	WILLIAMSBURG	VA (US)
STAR	IRONS			KDCA	WASHINGTON	DC (US)

QUALITY
16
CHECKED

STAR	SMYRNA	KDOV	DOVER	DE (US)
STAR	TERKS	KCPK	NORFOLK	VA (US)
STAR	TERKS	KNGU	NORFOLK	VA (US)
STAR	TERKS	KORF	NORFOLK	VA (US)
STAR	TERKS	KPVG	NORFOLK	VA (US)
STAR	TERKS	KSFQ	SUFFOLK	VA (US)
STAR	TERKS	KNTU	VIRGINIA BEACH	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:
UPDATED FIX USE

DEVELOPED BY: **DATE:** 07/01/2016 **OFFICE:** AJV-5411 **NAME:** RAKE MCGRAW

APPROVED BY: **DATE:** 07/22/2016 **OFFICE:** AJV-5410 **NAME:** MARLON ROBINSON

SIGNATURE:

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

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SVILL

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 374711.11N/0770156.89W

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	RICHMOND	RIC	VORTAC	H	047.77	038.77	21.86	21.86	1900	17500
2	HARCUM	HCM	VORTAC	L	330.00	323.00		25.38	1900	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	NE		WP	047.77	227.77	L		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (51-000514)	374812.00N/0765423.00W	580	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 TO REMAIN WITHIN CONFINES OF CONTROL SECTOR.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V16-20-157	1, 2				(US)
IAP	RNAV (GPS) RWY 25			KRIC	RICHMOND	VA (US)
IAP	RNAV (GPS) RWY 28		1	KXSA	TAPPAHANNOCK	VA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 03/10/2011

REASON FOR REVISION:

UPDATED FIX USE.
DISTANCE FROM FAC ADDED TO FAC 1 AND FAC 2.
DELETED FAC 3.
UPDATED CONTROLLING OBSTACLE ID.
MOVED "HOLDING LIMITED TO ESTABLISHED PATTERN" FROM REMARKS TO HOLDING RESRTICTIONS.
ADDED "PRECIPITOUS TERRAIN EVALUATION COMPLETED" IN REMARKS.

DEVELOPED BY: DATE: 07/29/2010 OFFICE: AVN-110 NAME: PETER GETZ (DAVID JENNER)

APPROVED BY: DATE: 01/04/2011 OFFICE: AVN-110 NAME: GEORGE DAVIS

SIGNATURE:

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

QUALITY
16
CHECKED