

# RADIO FIX AND HOLDING DATA RECORD

NAME: SWING STATE: VA COUNTRY: US ICAO REGION CODE: K6  
 LATITUDE/LONGITUDE: 370448.44N/0764903.16W TYPE: 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	HOPEWELL	HPW	VORTAC	L	142.09	136.09		20.66	2000	17500
2	HARCUM	HCM	VORTAC	L	200.00	193.00	22.66	22.66	2000	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	HCM	VORTAC	200.00	200.00	R	1	2000 12000	6 10

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (51-001352)	370823.30N/0765036.90W	476	2C

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 HOLDING FOR ATC USE ONLY.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	NDB RWY 20	1, 2	1	KAKQ	WAKEFIELD	VA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 DATE OF REVISION: 08/17/2017

## REASON FOR REVISION:

DELETED FKN VORTAC FROM FIX MAKEUP.  
 UPDATED HOLDING PATTERN TEMPLATE AND OBSTACLE DATA.  
 DELETED KFAF FROM FIX USE.  
 ADDED REMARKS.  
 UPDATED HOPEWELL VORTAC MAG BEARING FROM 142.00 TO 142.09.  
 UPDATED HOPEWELL VORTAC TRUE BEARING FROM 136.00 TO 136.09.

DEVELOPED BY: DATE: 04/07/2017 OFFICE: AJV-5413 NAME: VICTOR NASO (DANIEL BOWMAN)

APPROVED BY: DATE: OFFICE: AJV-5410 NAME: GEORGE DAVIS

SIGNATURE:

## DISTRIBUTION:

NFDC  
 FPO: EST  
 ARTCC: ZDC  
 ATC FACILITY: ORF APP CON PHF ATCT  
 OTHER:



# RADIO FIX AND HOLDING DATA RECORD

NAME: WAKEFIELD NDB

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 365858.15N/0770003.50W

TYPE:

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 FEET	MAA
1	WAKEFIELD	AKQ	NDB	MH						12000

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	AKQ	NDB	203.89	023.89	R	1		2000	6000	4	5

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (51-001240)	365723.80N/0765641.10W	515	2C

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ASSIGNED FACILITY MAG VAR: 11W 2020.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	NDB RWY 20		1	KAKQ	WAKEFIELD	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 08/17/2017

## REASON FOR REVISION:

UPDATED HOLDING INBOUND/OUTBOUND 2 DEGREES BASED UPON MAGVAR UPDATE.  
UPDATED HOLDING OBSTRUCTION DATA.  
COORDINATES UPDATED BASED UPON LATEST SURVEY DATA. PREVIOUS COORDINATES WERE 365859.54N/0770003.86W.

DEVELOPED BY: DATE: 04/07/2017 OFFICE: AJV-5413 NAME: VICTOR NASO (DANIEL BOWMAN)

APPROVED BY: DATE: OFFICE: AJV-5410 NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
6  
CHECKED