

RADIO FIX AND HOLDING DATA RECORD

NAME: BLUEFIELD VOR/DME STATE: WV COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 371823.19N/0811139.37W 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 FEET	MRA	MAA
1	BLUEFIELD	BLF	VOR/DME	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	NE	BLF	VOR/DME	050.00	230.00	R	1	5300 10000	5 9
2	NE	BLF	VOR/DME	063.96	243.96	R	1	6000 10000	5 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (51-069627)	371503.75N/0811122.77W	4242	2C
2	200	TOWER (51-069627)	371503.75N/0811122.77W	4242	2C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
2	200	80

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

ZID REQUESTED HOLDING ONLY THRU 10,000.
HOLDING PAT 1 RETAINED FOR ATC.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR 3 DEGREES WEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	KINGS			KTRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
DP	OBERS			KBLF	BLUEFIELD	WV (US)
DP	TAKEOFF MINIMUMS			KBLF	BLUEFIELD	WV (US)
EN ROUTE	V140					(US)
EN ROUTE	V178					(US)
EN ROUTE	V45					(US)
EN ROUTE	V519					(US)
IAP	LOC RWY 13			KBCB	BLACKSBURG	VA (US)
IAP	ILS OR LOC Z RWY 6			KPSK	DUBLIN	VA (US)
IAP	LOC RWY 26		2	KMKJ	MARION/WYTHEVILLE	VA (US)
IAP	LOC/DME RWY 25		2	KJFZ	RICHLANDS	VA (US)
IAP	ILS OR LOC RWY 23			KBLF	BLUEFIELD	WV (US)
IAP	VOR RWY 23			KBLF	BLUEFIELD	WV (US)
IAP	RNAV (GPS) RWY 26			I16	PINEVILLE	WV (US)
IAP	RNAV (GPS) RWY 8			I16	PINEVILLE	WV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20 DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. FIX USE: DELETED KHKY "HICKORY (OBSTACLE)" AND ALL ASSOCIATIONS.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: WESTLEY OWENS

APPROVED BY: DATE: 02/20/2025 OFFICE: AJV-A431 NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ERIC N SUSKI

Nov 14, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: COLLIERS VORTAC

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 334226.47N/0820943.43W

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 FEET	MRA	MAA
1	COLLIERS	IRQ	VORTAC	H						45000

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	N	IRQ	VORTAC	341.00	161.00	R	1	2100 17500	4 16
2	NE	IRQ	VORTAC	063.00	243.00	R	1	2400 10000	4 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (45-000142)	333939.70N/0821046.96W	845	2C
2	200	TOWER (45-000142)	333939.70N/0821046.96W	845	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 4W (1990).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BIRMINGHAM			KBHM	BIRMINGHAM	AL (US)
DP	GAIRY (RNAV)			KATL	ATLANTA	GA (US)
DP	ASHEVILLE			KAVL	ASHEVILLE	NC (US)
DP	STUNO (RNAV)			KCHS	CHARLESTON	SC (US)
DP	EXECUTIVE (RNAV)			KJZI	CHARLESTON	SC (US)
EN ROUTE	J99					(US)
EN ROUTE	V155					(US)
EN ROUTE	V18					(US)
EN ROUTE	V185					(US)
EN ROUTE	V417					(US)
EN ROUTE	V56					(US)
IAP	ILS OR LOC RWY 17			KAGS	AUGUSTA	GA (US)
IAP	ILS OR LOC RWY 35	1	1	KAGS	AUGUSTA	GA (US)
IAP	ILS RWY 35 (SA CAT II)	1	1	KAGS	AUGUSTA	GA (US)
IAP	RNAV (GPS) Z RWY 8			KAGS	AUGUSTA	GA (US)
IAP	VOR/DME-B	1	1	KDNL	AUGUSTA	GA (US)
IAP	ILS OR LOC/NDB RWY 10		2	KHQU	THOMSON	GA (US)
IAP	VOR/DME-A	1	2	KHQU	THOMSON	GA (US)
IAP	ILS OR LOC/DME RWY 7			KAIK	AIKEN	SC (US)
IAP	NDB RWY 25			KAIK	AIKEN	SC (US)
IAP	VOR/DME-A			KAIK	AIKEN	SC (US)
IAP	ILS OR LOC RWY 5			KGYH	GREENVILLE	SC (US)
STAR	STUGE			KAGS	AUGUSTA	GA (US)
STAR	STWRT			KAGS	AUGUSTA	GA (US)
STAR	STWRT			KDNL	AUGUSTA	GA (US)
STAR	OSPRI (RNAV)			KCHS	CHARLESTON	SC (US)
STAR	OSPRI (RNAV)			KJZI	CHARLESTON	SC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 27

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. FIX USE: REMOVED KHKY "HICKORY" DP AND ALL ASSOCIATIONS.

11/21/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/14/2024.

1. FIX USE: ADDED PAT 1 TO KAGS IAP "ILS OR LOC RWY 35".
2. FIX USE: ADDED FAC 1 TO KAGS IAP "ILS RWY 35 (SA CAT II)".
3. FIX USE: ADDED PAT 1 TO KDNL IAP "VOR/DME-B".
4. FIX USE: ADDED PAT 2 TO KHQU IAP "ILS OR LOC/NDB RWY 10".
5. FIX USE: ADDED FAC 1 TO KHQU IAP "VOR/DME-A".
6. FIX USE: DELETED 2ND KHQU IAP "VOR/DME-A" - WAS ERRONEOUS DATA.

QUALITY
16
CHECKED

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: WESTLEY OWENS

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

*Digitally signed by***ERIC N SUSKI**

Nov 22, 2024

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ELECTRIC CITY VORTAC

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 342509.07N/0824704.86W

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 FEET	MRA	MAA
1	ELECTRIC CITY	ELW	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	SW	ELW	VORTAC	223.73	043.73	R	1	2500 6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (45-020052)	342319.30N/0824304.60W	1134	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MAG VAR E00/1975.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V20					(US)
EN ROUTE	V266					(US)
EN ROUTE	V311					(US)
EN ROUTE	V35					(US)
IAP	ILS OR LOC/DME RWY 27			KAHN	ATHENS	GA (US)
IAP	VOR RWY 5		1	KAND	ANDERSON	SC (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. FIX USE: DELETED KHKY "HICKORY (OBSTACLE) DP" AND ALL ASSOCIATIONS.
2. REQUIRED CHARTING: DELETED "DP".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: WESTLEY OWENS

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ERIC N SUSKI

Nov 14, 2024

QUALITY
23
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SANDHILLS VORTAC

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 351255.73N/0793516.57W

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	FEET	MRA	MAA
1	SANDHILLS	SDZ	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 TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	W	SDZ	VORTAC	272.11	092.11	L	1		3300	8000	4	8

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-003185)	351720.36N/0793834.53W	975	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 FACILITY RESTRICTIONS/PERFORMANCE

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

HOLDING OVERLIES A PORTION OF ALERT AREA 531 WITH ACTIVITY UP TO 2235 FT MSL.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MAG VAR W03/1965

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	KERMIT			KVUJ	ALBEMARLE	NC (US)
DP	KNIGHTS			KVUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			KCLT	CHARLOTTE	NC (US)
DP	KERMIT			KCLT	CHARLOTTE	NC (US)
DP	KNIGHTS			KCLT	CHARLOTTE	NC (US)
DP	KERMIT			KJQF	CONCORD	NC (US)
DP	KNIGHTS			KJQF	CONCORD	NC (US)
DP	MOUNTY			KFAY	FAYETTEVILLE	NC (US)
DP	KERMIT			KAKH	GASTONIA	NC (US)
DP	KNIGHTS			KAKH	GASTONIA	NC (US)
DP	KERMIT			KIPJ	LINCOLNTON	NC (US)
DP	KNIGHTS			KIPJ	LINCOLNTON	NC (US)
DP	KERMIT			KEQY	MONROE	NC (US)
DP	KNIGHTS			KEQY	MONROE	NC (US)
DP	RALEIGH			KRDU	RALEIGH/DURHAM	NC (US)
DP	KERMIT			KRUQ	SALISBURY	NC (US)
DP	KNIGHTS			KRUQ	SALISBURY	NC (US)
DP	KERMIT			KLKR	LANCASTER	SC (US)
DP	KNIGHTS			KLKR	LANCASTER	SC (US)
DP	KERMIT			KUZA	ROCK HILL	SC (US)
DP	KNIGHTS			KUZA	ROCK HILL	SC (US)
EN ROUTE	V155					(US)
EN ROUTE	V3					(US)
EN ROUTE	V373					(US)
EN ROUTE	V39					(US)
EN ROUTE	V54					(US)
EN ROUTE	V66					(US)
IAP	ILS Y OR LOC Y RWY 5		1	KSOP	PINEHURST/SOUTHERN PINES	NC (US)
IAP	ILS Z OR LOC Z RWY 5		1	KSOP	PINEHURST/SOUTHERN PINES	NC (US)
IAP	VOR-A			5W4	RAEFORD	NC (US)
STAR	BLOCC			KGSO	GREENSBORO	NC (US)
STAR	BUZZY			KRDU	RALEIGH/DURHAM	NC (US)
STAR	BLOCC			KINT	WINSTON SALEM	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. FIX USE: DELETED KHKY "HICKORY DP" AND ALL ASSOCIATIONS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:



OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: WESTLEY OWENS

Digitally signed by

ERIC N SUSKI

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

Nov 14, 2024

SIGNATURE:

QUALITY
23
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SOUTH BOSTON VORTAC STATE: VA COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 364030.14N/0790052.20W 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 FEET	MRA	MAA
1	SOUTH BOSTON	SBV	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	NE	SBV	VORTAC	032.00	212.00	R	1	10000 14000	9 10
2	W	SBV	VORTAC	260.55	080.55	R	1	3000 6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (51-001114)	364359.21N/0785602.02W	975	1A
2	200	AAO	364218.00N/0790836.00W	804	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 SBV MAG VAR: 1970/W05.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	QUAKER			KGSO	GREENSBORO	NC (US)
DP	RALEIGH			KRDU	RALEIGH/DURHAM	NC (US)
DP	QUAKER			KINT	WINSTON SALEM	NC (US)
DP	BLACKSTONE			KBKT	BLACKSTONE	VA (US)
EN ROUTE	V136					(US)
EN ROUTE	V20					(US)
EN ROUTE	V266					(US)
EN ROUTE	V39					(US)
IAP	ILS OR LOC RWY 5L			KGSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 5R			KGSO	GREENSBORO	NC (US)
IAP	ILS RWY 5L (CAT II & III)			KGSO	GREENSBORO	NC (US)
IAP	ILS RWY 5R (SA CAT II)			KGSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 5			KLHZ	LOUISBURG	NC (US)
IAP	LOC RWY 6			KHNZ	OXFORD	NC (US)
IAP	ILS OR LOC RWY 23L			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS OR LOC RWY 23R			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS OR LOC RWY 5L			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS OR LOC RWY 5R			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS RWY 23R (CAT II & III)			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS RWY 5R (SA CAT I & II)			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS OR LOC RWY 6			KTDF	ROXBORO	NC (US)
IAP	RNAV (GPS) RWY 18			KCXE	CHASE CITY	VA (US)
IAP	RNAV (GPS) RWY 36			KCXE	CHASE CITY	VA (US)
IAP	ILS OR LOC RWY 2		2	KDAN	DANVILLE	VA (US)
IAP	RNAV (GPS) RWY 2			KDAN	DANVILLE	VA (US)
IAP	RNAV (GPS) RWY 20			KDAN	DANVILLE	VA (US)
IAP	ILS OR LOC RWY 4			KLYH	LYNCHBURG	VA (US)
IAP	RNAV (GPS) RWY 1			W78	SOUTH BOSTON	VA (US)
IAP	VOR-A		2	W78	SOUTH BOSTON	VA (US)
IAP	LOC RWY 1			KAVC	SOUTH HILL	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 23

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. FIX USE: DELETED KHKY "HICKORY DP" AND ALL ASSOCIATIONS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: WESTLEY OWENS Digitally signed by

ERIC N SUSKI

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

Nov 14, 2024



SIGNATURE:

QUALITY
23
CHECKED