

# RADIO FIX AND HOLDING DATA RECORD

NAME: GREENSBORO VORTAC

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 360244.49N/0795834.94W

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	GREENSBORO	GSO	VORTAC	VH						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	SW	GSO	VORTAC	221.00	041.00	R	1	3100 17500	4 17
2	E	GSO	VORTAC	108.00	288.00	R	1	3100 17500	4 17
3	W		WP	287.00	107.00	R		3000 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-001004)	360553.00N/0800107.00W	1341	5D
1	310	TOWER (37-001292)	355642.65N/0795144.38W	2046	1A
2	200	TOWER (37-000975)	355811.00N/0794929.00W	1851	2C
2	310	TOWER (37-001292)	355642.65N/0795144.38W	2046	1A
3	200	TOWER (37-002786)	360636.33N/0800436.41W	1441	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR/DME RWY 23L	KGSO	GREENSBORO	NC (US)
2	ILS RWY 23L (CAT II)	KGSO	GREENSBORO	NC (US)
2	ILS OR LOC RWY 23L	KGSO	GREENSBORO	NC (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ASSIGNED FACILITY MAGVAR: 3W (1965)

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHATT (RNAV)			KAGS	AUGUSTA	GA (US)
DP	CHATT (RNAV)			KDNL	AUGUSTA	GA (US)
DP	CHATT (RNAV)			KHQU	THOMSON	GA (US)
DP	CHARLOTTE			KCLT	CHARLOTTE	NC (US)
DP	MOUNTY			KFAY	FAYETTEVILLE	NC (US)
DP	QUAKER			KGSO	GREENSBORO	NC (US)
DP	TRIAD			KGSO	GREENSBORO	NC (US)
DP	RALEIGH			KRDU	RALEIGH/DURHAM	NC (US)
DP	PACKK			KINT	WINSTON SALEM	NC (US)
DP	QUAKER			KINT	WINSTON-SALEM	NC (US)
DP	TRIAD			KINT	WINSTON-SALEM	NC (US)
DP	CHATT (RNAV)			KAIK	AIKEN	SC (US)
DP	READE			KRIC	RICHMOND	VA (US)
EN ROUTE	Q75					(US)
EN ROUTE	T480					(US)
EN ROUTE	V103					(US)
EN ROUTE	V143					(US)
EN ROUTE	V266					(US)
EN ROUTE	V310					(US)
EN ROUTE	V373					(US)
EN ROUTE	V45					(US)
IAP	ILS Z OR LOC Z RWY 6			KBUY	BURLINGTON	NC (US)
IAP	ILS OR LOC RWY 36R			KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 36R (CAT II & III)			KCLT	CHARLOTTE	NC (US)
IAP	ILS RWY 36R (SA CAT I)			KCLT	CHARLOTTE	NC (US)
IAP	ILS OR LOC RWY 20			KJQF	CONCORD	NC (US)
IAP	ILS OR LOC RWY 23L		2	KGSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 23R			KGSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 5L			KGSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 5R			KGSO	GREENSBORO	NC (US)
IAP	ILS RWY 23L (CAT II)		2	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 Y OR LOC Y RWY 32			KGSO	GREENSBORO	NC (US)
IAP	ILS Z OR LOC Z RWY 32			KGSO	GREENSBORO	NC (US)
IAP	VOR/DME RWY 23L		1	KGSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 6			KEXX	LEXINGTON	NC (US)
IAP	VOR-A			KSIF	REIDSVILLE	NC (US)

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IAP	ILS OR LOC RWY 20		KRUQ	SALISBURY	NC (US)
IAP	NDB RWY 20		KRUQ	SALISBURY	NC (US)
IAP	ILS Z OR LOC Z RWY 28		KSVH	STATESVILLE	NC (US)
IAP	VOR/DME OR GPS RWY 34		N63	WALNUT COVE	NC (US)
IAP	ILS OR LOC RWY 33		KINT	WINSTON-SALEM	NC (US)
IAP	RNAV (GPS) RWY 15	3	KINT	WINSTON-SALEM	NC (US)
IAP	RNAV (GPS) RWY 33		KINT	WINSTON-SALEM	NC (US)
IAP	ILS OR LOC RWY 2		KDAN	DANVILLE	VA (US)
STAR	STWRT		KAGS	AUGUSTA	GA (US)
STAR	NASCR		KVUJ	ALBEMARLE	NC (US)
STAR	BTSEY		KCLT	CHARLOTTE	NC (US)
STAR	NASCR		KJQF	CONCORD	NC (US)
STAR	BLOCC		KGSO	GREENSBORO	NC (US)
STAR	BROOK		KGSO	GREENSBORO	NC (US)
STAR	HENBY		KGSO	GREENSBORO	NC (US)
STAR	NASCR		KRUQ	SALISBURY	NC (US)
STAR	BLOCC		KINT	WINSTON-SALEM	NC (US)
STAR	BROOK		KINT	WINSTON-SALEM	NC (US)
STAR	HENBY		KINT	WINSTON-SALEM	NC (US)

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

**COMPULSORY REPORTING POINT:** LOW

**RECORD REVISION NUMBER:** 34

**DATE OF REVISION:** 09/05/2024

**REASON FOR REVISION:**

1. AIRSPACE DOCKET: REMOVED 22-AEA-21.
2. FIX USE: REMOVED KSIF NDB RWY 31.
3. FIX USE: CHANGED IAP AT KSIF NAME FROM "VOR/DME-A" TO "VOR-A".

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A431

**NAME:** EMMANUEL GONZALES

**APPROVED BY:**

**DATE:** 09/05/2024

**OFFICE:** AJV-A431

**NAME:** ERIC N SUSKI

**SIGNATURE:**

*Digitally signed by*

**ERIC N SUSKI**

Jun 07, 2024



# RADIO FIX AND HOLDING DATA RECORD

NAME: MEATY

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 362205.10N/0795210.38W

TYPE: 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	FEET	MRA	MAA
1	GREENSBORO	GSO	VORTAC	VH	018.00	015.00	20.00	20.00	121524	2700	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1		KSIF	REIDSVILLE	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 09/05/2024

## REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: CHANGED GREENSBORO CLASS FROM "H" TO "VH" AND ADDED DIST FROM FAC FEET "121524"
1. FIX USE: CHANGED IAP AT KSIF NAME FROM "VOR/DME-A" TO "VOR-A".

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# RADIO FIX AND HOLDING DATA RECORD

NAME: RARVY

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 362602.22N/0795051.41W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	GREENSBORO	GSO	VORTAC	VH	018.00	015.00	24.09	24.09		1180	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1		KSIF	REIDSVILLE	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/05/2024

## REASON FOR REVISION:

1. LATITUDE/LONGITUDE: CHANGED FROM "362602.42N/0795051.34W" TO "362602.22N/0795051.41W" FIX MOVED 21 FEET SOUTHWEST.
2. FIX MAKE-UP FACILITIES: CHANGED GREENSBORO CLASS FROM "H" TO "VH" AND MRA FROM "1300" TO "1180".
3. FIX USE: CHANGED IAP AT KSIF NAME FROM "VOR/DME-A" TO "VOR-A".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: EMMANUEL GONZALES

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

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**ERIC N SUSKI**

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# RADIO FIX AND HOLDING DATA RECORD

NAME: SWAME

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 361420.90N/0795444.59W

TYPE: 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	GREENSBORO	GSO	VORTAC	VH	018.00	015.00	12.00	12.00		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

## 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	S	GSO	VORTAC	018.00	018.00	R	1		3100	6000	4	5

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-001097)	361633.00N/0795626.00W	2021	5E

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1	1	KSIF	REIDSVILLE	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/05/2024

## REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: CHANGED GREENSBORO CLASS FROM "H" TO "VH".
2. PATTERNS: ADDED HOLDING PATTERN ONE AND ALL ASSOCIATED DATA.
3. FIX USE: CHANGED IAP AT KSIF NAME FROM "VOR/DME-A" TO "VOR-A".
4. HOLDING RESTRICTIONS: ADDED "HOLDING LIMITED TO ESTABLISHED PATTERN".
5. REMARKS: ADDED "PRECIPITOUS TERRAIN EVALUATION COMPLETED".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: EMMANUEL GONZALES

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

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# RADIO FIX AND HOLDING DATA RECORD

NAME: ULAKE

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 362940.34N/0794216.93W

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	MARTINSVILLE	I-UVM	LOC/DME		125.20	118.20	17.80	17.79	3000	5400
2	GREENSBORO	GSO	VORTAC	VH	029.03	026.03	29.95	29.95	3000	5400

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	SE		WP	125.39	305.39	R		4	3000	14000	5	11

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-001459)	362625.00N/0793945.00W	1238	5E

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

MARTINSVILLE (FAC 1) AND GREENSBORO (FAC 2) USED TO ESTABLISH FIX COORDINATES.

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

I-UVM DME COORDINATES 363809.96N/0800142.66W.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V143	1, 2				(US)
IAP	LOC RWY 31	1, 2		KMTV	MARTINSVILLE	VA (US)
IAP	RNAV (GPS) RWY 13		1	KMTV	MARTINSVILLE	VA (US)
IAP	RNAV (GPS) RWY 31		1	KMTV	MARTINSVILLE	VA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 09/05/2024

## REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: REMOVED DANVILLE VOR.
2. FIX MAKE-UP FACILITIES: CHANGED GREENSBORO CLASS FROM "H" TO "VH".
3. REMOVED HOLDING PATTERN 2 AND ASSOCIATED DATA.
4. FIX USE: REMOVED KSIF VOR/DME-A.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

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