

RADIO FIX AND HOLDING DATA RECORD

NAME: BROOK STATE: NC COUNTRY: US ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 361027.74N/0810047.99W TYPE: DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: CANCEL

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	H	282.00	279.00	51.00			6000	45000

HOLDING: HOLDING TYPE OF ACTION: CANCEL

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	W	GSO	VORTAC	282.00	102.00	L	1-1 1/2	4	6000	45000	9	31

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TERRAIN	361345.00N/0811910.00W	2543	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 HOLD AWAY FROM CLT TRAFFIC

REMARKS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR					GREENSBORO	NC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION: 07/29/1994

REASON FOR REVISION:

CONCURRENT WITH GREENSBORO, NC, BROOK.BROOK 1 STAR.

INITIATED BY: DATE: ORGANIZATION: NAME:

DEVELOPED BY: DATE: 03/28/1994 OFFICE: NAME:

APPROVED BY: DATE: 12/18/2025 OFFICE: AJV-A423 NAME: CASIMIR TABAKA

SIGNATURE: Digitally signed by

CASIMIR L TABAKA

Jul 22, 2025

DISTRIBUTION:

NFDC
FPO: ATL
ARTCC: ZTL, ZDC
ATC FACILITY: GSO TOWER
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: GLADE SPRING VOR/DME **STATE:** VA **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 364930.36N/0820444.31W **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	GLADE SPRING	GZG	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	E	GZG	VOR/DME	078.12	258.12	L	1		6600	14000	8	10
2	S	GZG	VOR/DME	188.02	008.02	R	1		6000	14000	7	10
3	W	GZG	VOR/DME	248.00	068.00	R	1		6000	14000	7	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	365523.00N/0815345.00W	4866	4E
2	230	AAO	365015.00N/0820233.00W	4416	4E
3	230	AAO	365015.00N/0820233.00W	4416	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 AIR TRAFFIC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PAT 1 THRU 3 FOR ATC COORDINATION.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR: W02/1970.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	KINGS			KTRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
DP	TRICITIES			KTRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
DP	KNOXVILLE			KTY5	KNOXVILLE	TN (US)
EN ROUTE	V35					(US)
EN ROUTE	V466					(US)
EN ROUTE	V519					(US)
IAP	ILS OR LOC RWY 23			KTRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
IAP	ILS RWY 23 (CAT II)			KTRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
IAP	ILS RWY 23 (SA CAT 1)			KTRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
IAP	LOC RWY 24			KVJI	ABINGDON	VA (US)
IAP	LOC/DME RWY 25			KJFZ	RICHLANDS	VA (US)
IAP	LOC RWY 24			KLNP	WISE	VA (US)
IAP	RNAV (GPS) RWY 24			KLNP	WISE	VA (US)
STAR	BTSEY			KCLT	CHARLOTTE	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 **DATE OF REVISION:** 01/22/2026

REASON FOR REVISION:

CORRECT AN ADMINISTRATIVE ERROR
FIX USE: REMOVED BROOK STAR.

INITIATED BY: **DATE:** **OFFICE:** **ORGANIZATION:** **NAME:**

OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** TODD DAMRON

APPROVED BY: **DATE:** 12/18/2025 **OFFICE:** AJV-A423 **NAME:** ALLAN WILL

SIGNATURE: *Digitally signed by*

CASIMIR L TABAKA

Oct 16, 2025



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)
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	RNAV (GPS) RWY 15	3	KINT	WINSTON SALEM	NC (US)
IAP	ILS OR LOC RWY 33		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 (RNAV)		KVUJ	ALBEMARLE	NC (US)
STAR	BTSEY		KCLT	CHARLOTTE	NC (US)
STAR	NASCR (RNAV)		KJQF	CONCORD	NC (US)
STAR	BLOCC		KGSO	GREENSBORO	NC (US)
STAR	HENBY (RNAV)		KGSO	GREENSBORO	NC (US)
STAR	NASCR (RNAV)		KRUQ	SALISBURY	NC (US)
STAR	HENBY (RNAV)		KINT	WINSTON SALEM	NC (US)
STAR	BLOCC		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: 38

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

1. FIX USE: REMOVED BROOK STAR - PROCEDURE BEING CANCELLED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: TODD DAMRON

APPROVED BY:

DATE: 12/18/2025

OFFICE: AVJ-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by

CASIMIR L TABAKA

Nov 20, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: KHAOS **STATE:** NC **COUNTRY:** US **ICAO REGION CODE:** K7

LATITUDE/LONGITUDE: 354358.55N/0812214.49W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
STAR	TRAKS (RNAV)			KGSO	GREENSBORO	NC (US)
STAR	TRAKS (RNAV)			KINT	WINSTON SALEM	NC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 01/22/2026

REASON FOR REVISION:
1. FIX MAKE-UP: REMOVED SPA VORTAC.
2. FIX USE: REMOVED BROOK STAR.
3. TYPE: REMOVED DME.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A421	NAME: TODD DAMRON
APPROVED BY:	DATE: 12/18/2025	OFFICE: AJV-A423	NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
CASIMIR L TABAKA
Nov 20, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: LAREL STATE: NC COUNTRY: US ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 363009.14N/0813302.48W TYPE: DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	GLADE SPRING	GZG	VOR/DME	L	129.00	127.00	32.00		11000	29000

HOLDING: HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR				KGSO	GREENSBORO	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION: 08/30/1995

REASON FOR REVISION:

ESTABLISH LAREL INT BROOK 2 STAR, GREENSBORO, NC

INITIATED BY: DATE: ORGANIZATION: NAME:

DEVELOPED BY: DATE: 08/30/1995 OFFICE: NAME:

APPROVED BY: DATE: 12/18/2025 OFFICE: AJV-A423 NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Nov 20, 2025

DISTRIBUTION: NFDC
FPO: ATL
ARTCC: ZTL
ATC FACILITY: GSO TOWER
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: MURKY **STATE:** NC **COUNTRY:** US **ICAO REGION CODE:** K7
LATITUDE/LONGITUDE: 351849.18N/0814220.30W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY
HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
STAR	TRAKS (RNAV)			KGSO	GREENSBORO	NC (US)
STAR	TRAKS (RNAV)			KINT	WINSTON SALEM	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 01/22/2026

REASON FOR REVISION:
1. FIX USE: REMOVED STAR BROOK.
2. FIX MAKE-UP: DELETED SPA VORTAC.
3. TYPE: REMOVED DME.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A421	NAME: TODD DAMRON
APPROVED BY:	DATE: 12/18/2025	OFFICE: AJV-A423	NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
CASIMIR L TABAKA
Nov 20, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: WALLK **STATE:** NC **COUNTRY:** US **ICAO REGION CODE:** K7

LATITUDE/LONGITUDE: 360635.61N/0802903.32W **TYPE:** DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** CANCEL

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	H	282.00	279.00	25.00		3000	17500

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR					GREENVILLE	NC (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/29/1994

REASON FOR REVISION:

CONCURRENT WITH GREENSBORO, NC BROOK.BROOK 1 STAR

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

DEVELOPED BY: **DATE:** 03/28/1994 **OFFICE:** **NAME:**

APPROVED BY: **DATE:** 12/18/2025 **OFFICE:** AJV-A423 **NAME:** CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Nov 20, 2025

DISTRIBUTION: NFDC
FPO: ATL
ARTCC: ZTL, ZDC
ATC FACILITY: GSO TOWER
OTHER:

