

RADIO FIX AND HOLDING DATA RECORD

NAME: ARGAL **STATE:** NC **COUNTRY:** US **ICAO REGION CODE:** K7
LATITUDE/LONGITUDE: 361016.63N/0780955.31W **TYPE:** WP, INT, DME
AIRSPACE DOCKET: 17-AEA-6 **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	RALEIGH/DURHAM	RDU	VORTAC	H	068.06	059.06	35.00	35.00		2600	17500
2	TAR RIVER	TYI	VORTAC	L	302.57	297.57	25.30	25.30		2600	17500

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

REMARKS:

RALEIGH/DURHAM (FAC 1) AND TAR RIVER (FAC 2) USED TO ESTABLISH FIX COORDINATES
 ATC REQUEST CHARTING ON EN ROUTE HIGH.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V615	1, 2				(US)
STAR	NASCR	1, 2		KVUJ	ALBEMARLE	NC (US)
STAR	CHSLY (RNAV)			KCLT	CHARLOTTE	NC (US)
STAR	NASCR	1, 2		KJQF	CONCORD	NC (US)
STAR	NASCR	1, 2		KRUQ	SALISBURY	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11 **DATE OF REVISION:** 06/17/2021

REASON FOR REVISION:

UPDATED DOCKET NUMBER FROM 19-ASO-27 TO 17-AEA-6.
 REMOVED V66 FROM FIX USE.
 ADDED FAC 1 AND 2 TO FIX USE FOR STAR NASCR.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A433 **NAME:** GUY COPELAND
APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** GEORGE DAVIS

SIGNATURE: *Digitally signed by*
DAVID TEFFETELLER

DISTRIBUTION: NFDC Mar 19, 2021
FPO: EST
ARTCC: ZDC
ATC FACILITY: RDU APP CON
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: DUFFI **STATE:** NC **COUNTRY:** US **ICAO REGION CODE:** K7
LATITUDE/LONGITUDE: 362057.87N/0774729.22W **TYPE:** WP, INT, DME
AIRSPACE DOCKET: 17-AEA-6 **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	215.20	209.20	67.10	67.10	5000	17500
2	TAR RIVER	TYI	VORTAC	L	354.22	349.22	22.73	22.73	4500	17500
3	RALEIGH/DURHAM	RDU	VORTAC	H	068.06	059.06	56.05	56.05	2600	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
HPW	VORTAC	R-215	68	5000	17500
RDU	VORTAC	R-068	57	2600	14600

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	S	TYI	VORTAC	174.22	354.22	R	1	5000 6000	6 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-001057)	361729.20N/0775009.40W	1427	3C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

HOPEWELL (FAC 1) AND TAR RIVER (FAC 2) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V157	1, 2				(US)
EN ROUTE	V615	1, 2, 3				(US)
IAP	LOC RWY 1 (ALT MA)	2	1	KAVC	SOUTH HILL	VA (US)
STAR	TAQLE (RNAV)			KRDU	RALEIGH/DURHAM	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 06/17/2021

REASON FOR REVISION:

ADDED DOCKET NUMBER 17-AEA-6.
 REMOVED V66 FROM FIX USE.
 ADDED INT TO FIX TYPE.
 ADDED RALEIGH/DURHAM (RDU) FAC 3 TO FIX MAKE UP FACILITIES.
 CHANGED HOPEWELL (HPW) TO FACILITY 1 AND TAR RIVER (TYI) TO FACILITY 2.
 ADDED RDU EXPANDED SERVICE VOLUME.
 ADDED FAC 3 (RDU) TO V615 FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE: Digitally signed by

DAVID TEFFETELLER

DISTRIBUTION:

NFDC
 FPO: EST Mar 19, 2021
 ARTCC: ZDC
 ATC FACILITY: RDU APP CON
 OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: GUMBE

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 362945.55N/0772850.21W

TYPE: WP, DME

AIRSPACE DOCKET: 17-AEA-6

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	TAR RIVER	TYI	VORTAC	L	024.13	019.13	32.94	32.94		2000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V-213	1		KFKN	FRANKLIN	(US)
IAP	RNAV (GPS) RWY 9					VA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 06/17/2021

REASON FOR REVISION:

ADDED DOCKET NUMBER 17-AEA-6.
REMOVED V66 FROM FIX USE.
ADDED CONTROLLER LOW TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

Digitally signed by
DAVID TEFFETELLER

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: ORF ATCT
OTHER:

Mar 19, 2021

QUALITY
42
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MEYER

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 361249.33N/0780436.13W

TYPE: INT, DME

AIRSPACE DOCKET: 17-AEA-6

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	RALEIGH/DURHAM	RDU	VORTAC	H	068.06	059.06	40.00	40.00		2600	17500
2	TAR RIVER	TYI	VORTAC	L	313.17	308.17		23.03		2600	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

RALEIGH/DURHAM (FAC 1) AND TAR RIVER (FAC 2) USED TO ESTABLISH FIX COORDINATES
ATC COORDINATION FIX

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V615	1, 2				

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 06/17/2021

REASON FOR REVISION:

ADDED AIRSPACE DOCKET 17-AEA-6.
REMOVED V66 FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

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