

RADIO FIX AND HOLDING DATA RECORD

NAME: ADCOM

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 334357.73N/0805514.53W

TYPE: WP, RADAR, 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	COLUMBIA	CAE	VORTAC	VH	140.20	138.20	10.00	10.00	2000	17500
2	ALLENDAL	ALD	VOR	VL	024.30	023.30		47.00	3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ALD	VOR	R-024	47	3000	17500

FIX RESTRICTIONS:

MCA T441 2100 NORTHWEST BOUND

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	NW	CAE	VORTAC	140.20	140.20	R	1		2300	6000	14	14

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	310	TOWER (45-000656)	334652.55N/0805512.61W	1065	1A

REMARKS:

COLUMBIA (FAC 1) AND ALLENDAL (FAC 2) USED TO ESTABLISH FIX COORDINATES.
310 ONLY PATTERN EVALUATED TO SUPPORT CAT E MINIMUMS AT KCAE.
ATC REQUEST SECTIONAL CHARTING.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	T441					(US)
EN ROUTE	V53	1, 2				(US)
IAP	ILS OR LOC RWY 11	1, 2	1	KCAE	COLUMBIA	SC (US)
IAP	ILS OR LOC RWY 29	1, 2	1	KCAE	COLUMBIA	SC (US)
IAP	ILS OR LOC RWY 5	1, 2	1	KCAE	COLUMBIA	SC (US)
IAP	ILS RWY 11 (CAT II & III)	1, 2	1	KCAE	COLUMBIA	SC (US)
IAP	RNAV (GPS) RWY 29			KCAE	COLUMBIA	SC (US)
IAP	RNAV (GPS) RWY 5			KCAE	COLUMBIA	SC (US)
IAP	VOR-A	1		KCAE	COLUMBIA	SC (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

CHANGED FAC 1 CAE VORTAC CLASS FROM H TO VH IN FIX MAKE-UP FACILITIES.
CHANGED FAC 2 ALD VOR CLASS FROM L TO VL IN FIX MAKE-UP FACILITIES.
CHANGED PAT 1 AIRSPEED 310 TOWER (45-000656) COORDINATES FROM "334652.54N/0805512.65W" TO "334652.55N/0805512.61W",
ELEVATION FROM 1064 TO 1065 AND ACCURACY CODE FROM 2C TO 1A IN CONTROLLING OBSTRUCTIONS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

NAME: SILVIA YOUNG

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Feb 10, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: CFDXR

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 334707.93N/0811734.85W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

FACF FOR KCAE ILS OR LOC RWY 5

FIX USE:

USE TYPE

IAP

USE TITLE

ILS OR LOC RWY 5

FAC

PAT

AIRPORT IDENT

KCAE

CITY

COLUMBIA

STATE

SC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/20/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

NAME:

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZJX

ATC FACILITY:

OTHER:

Digitally signed by

CASIMIR L TABAKA

Feb 10, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: COLUMBIA VORTAC STATE: SC COUNTRY: US ICAO REGION CODE: K7
 LATITUDE/LONGITUDE: 335126.10N/0810314.05W 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	COLUMBIA	CAE	VORTAC	VH							45000

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	CAE	VORTAC	155.00	335.00	L	1		2000	6000	4	5
2	SE	CAE	VORTAC	149.00	329.00	L	1		2000	6000	4	5
3	SW	CAE	VORTAC	205.00	025.00	L	1 1/2		18000	45000	20	30
4	SE	CAE	VORTAC	155.00	335.00	L	1		2100	6000	4	13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (45-001033)	335011.00N/0810538.00W	749	2C
2	200	TOWER (45-001033)	335011.00N/0810538.00W	749	2C
4	200	TOWER (45-001033)	335011.00N/0810538.00W	749	2C
4	310	TOWER (45-000656)	334652.55N/0805512.61W	1065	1A

REASON FOR NONSTANDARD HOLDING:

PAT 1 TO AVOID SHAW RAPCONS AIRSPACE.
 PAT 2 TO AVOID SHAW RAPCONS AIRSPACE.
 PAT 3 ATC REQUEST.
 PAT 4 TO AVOID SHAW RAPCONS AIRSPACE.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
4	ILS RWY 11 (CAT II & III)	KCAE	COLUMBIA	SC (US)
4	ILS OR LOC RWY 29	KCAE	COLUMBIA	SC (US)
4	ILS OR LOC RWY 11	KCAE	COLUMBIA	SC (US)
4	ILS OR LOC RWY 5	KCAE	COLUMBIA	SC (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.
 PAT 3 FOR ATC USE. EVALUATED AT 310 KT FOR MILITARY.
 MAGVAR 2W/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHARLOTTE			KCLT	CHARLOTTE	NC (US)
EN ROUTE	V325					SC (US)
EN ROUTE	V37					SC (US)
EN ROUTE	V53					SC (US)
EN ROUTE	V56					SC (US)
IAP	ILS OR LOC/DME RWY 7			KAIK	AIKEN	SC (US)
IAP	NDB RWY 25			KAIK	AIKEN	SC (US)
IAP	ILS OR LOC RWY 11		4	KCAE	COLUMBIA	SC (US)
IAP	ILS OR LOC RWY 29		4	KCAE	COLUMBIA	SC (US)
IAP	ILS OR LOC RWY 5		4	KCAE	COLUMBIA	SC (US)
IAP	ILS RWY 11 (CAT II & III)		4	KCAE	COLUMBIA	SC (US)
IAP	VOR-A		2	KCAE	COLUMBIA	SC (US)
IAP	LOC RWY 31		1	KCUB	COLUMBIA	SC (US)
IAP	NDB RWY 2			KMNI	MANNING	SC (US)
IAP	VOR-A		1	6JO	PELION	SC (US)
STAR	STUGE			KAGS	AUGUSTA	GA (US)
STAR	STWRT			KAGS	AUGUSTA	GA (US)
STAR	BLOCC			KGSO	GREENSBORO	NC (US)
STAR	BUZZY			KRDU	RALEIGH/DURHAM	NC (US)
STAR	BLOCC			KINT	WINSTON SALEM	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 30

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

QUALITY
10
CHECKED

CHANGED PAT 4 AIRSPEED 310 TOWER (45-000656) COORDINATES FROM "334652.54N/0805512.65W" TO "334652.55N/0805512.61W",
ELEVATION FROM 1064 TO 1065 AND ACCURACY CODE FROM 2C TO 1A IN CONTROLLING OBSTRUCTIONS.
REMOVED DP HICKORY (OBSTACLE) FOR KHKY AIRPORT FROM FIX USE.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: SILVIA YOUNG

APPROVED BY: DATE: 02/20/2025 OFFICE: AJV-A432 NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
CASIMIR L TABAKA
Feb 10, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: EDURE

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 334700.31N/0811743.76W

TYPE: WP, RADAR, INT

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	COLUMBIA	I-GJC	LOC		231.65	224.65		13.57		2200	4700
2	COLUMBIA	CAE	VORTAC	VH	251.96	249.96		12.86		2200	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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	SW		WP	231.55	051.55	R		4	2300	10000	5	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (45-000995)	334545.00N/0811735.00W	802	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

COLUMBIA (FAC 1) AND COLUMBIA (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 5	1, 2		KCAE	COLUMBIA	SC (US)
IAP	RNAV (GPS) RWY 23		1	KCAE	COLUMBIA	SC (US)
IAP	RNAV (GPS) RWY 5			KCAE	COLUMBIA	SC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

ADDED RADAR AND INT TO FIX TYPE.
ADDED FAC 1 I-GJC LOC AND FAC 2 CAE VORTAC TO FIX MAKE-UP FACILITIES.
ADDED "COLUMBIA (FAC 1) AND COLUMBIA (FAC 2) USED TO ESTABLISH FIX COORDINATES" TO REMARKS.
ADDED IAP ILS OR LOC RWY 5 FOR KCAE AIRPORT TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: SILVIA YOUNG

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Feb 10, 2025

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: IKUPY

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 335412.30N/0810913.35W

TYPE: INT

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	COLUMBIA	I-GJC	LOC		231.65	224.65		3.48		860	4700
2	COLUMBIA	CAE	VORTAC	VH	301.04	299.04		5.70		960	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 5	1, 2		KCAE	COLUMBIA	SC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

CHANGED FAC 2 CAE VORTAC CLASS FROM H TO VH IN FIX MAKE-UP FACILITIES.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: SILVIA YOUNG

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Feb 10, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: LEZJE OM

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 335124.79N/0811231.51W

TYPE: INT

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	LEZJE	GJ	OM							2300	4700
2	COLUMBIA	I-GJC	LOC		231.65	224.65		7.40	44933	2300	4700
3	COLUMBIA	CAE	VORTAC	VH	271.89	269.89		7.74		2300	4700

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE LEZJE OM.
ACTUAL FACILITY LOCATION IS 335122.89N/0811229.22W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 5	1, 2, 3		KCAE	COLUMBIA	SC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

CHANGED FAC 2 MAG/TRUE BRG FROM 231.66/224.66 TO 231.65/224.65.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

NAME:

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Feb 10, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: OTNOW

STATE: SC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 335125.71N/0811230.44W

TYPE: WP, RADAR, INT

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	COLUMBIA	I-GJC	LOC		231.65	224.65		7.37	44804	2200	4700
2	COLUMBIA	CAE	VORTAC	VH	271.99	269.99		7.72		2200	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 5	1, 2		KCAE	COLUMBIA	SC (US)
IAP	RNAV (GPS) RWY 5			KCAE	COLUMBIA	SC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

CHANGED FIX COORDINATES FROM "335129.93N/0811225.45W" TO "335125.71N/0811230.44W". FIX MOVED SOUTHWEST BY 0.1 NM.

ADDED RADAR AND INT TO FIX TYPE.

ADDED FAC 1 I-GJC LOC AND FAC 2 CAE VORTAC TO FIX MAKE-UP FACILITIES.

ADDED "COLUMBIA (FAC 1) AND COLUMBIA (FAC 2) USED TO ESTABLISH FIX COORDINATES" TO REMARKS.

ADDED IAP ILS OR LOC RWY 5 FOR KCAE AIRPORT TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: SILVIA YOUNG

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Feb 10, 2025

QUALITY
10
CHECKED