

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 FEET	MRA	MAA
1	COLUMBIA	CAE	VORTAC	VH	140.20	138.20	10.00	10.00	2000	17500
2	ALLENDALE	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 ALLENDALE (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
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:

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:

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:			