

# RADIO FIX AND HOLDING DATA RECORD

NAME: AUBIE

STATE: AL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 323036.21N/0852618.15W

TYPE: WP, 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	AUBURN	I-AUO	LOC/DME	T	185.04	181.04	6.76	6.76	41096	2600	5200

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 36	1		KAUO	AUBURN	AL (US)
IAP	RNAV (GPS) RWY 36			KAUO	AUBURN	AL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/16/2024

## REASON FOR REVISION:

1.FIX MAKE-UP FACILITIES: UPDATE I-AUO DME FROM "6.64" TO "6.76", DIST FROM FAC NM FROM "6.65" TO "6.76" AND DIST FROM FAC FT FROM "40381" TO "41096".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: CHRISTOPHER SCHONES

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: CRISY

STATE: AL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 323309.10N/0852614.91W

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	AUBURN	I-AUO	LOC/DME	T	185.04	181.04	4.22	4.22		1680	5200

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 36	1		KAUO	AUBURN	AL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/16/2024

## REASON FOR REVISION:

1.FIX MAKE-UP FACILITIES: UPDATE I-AUO DME FROM "4.10" TO "4.22", DIST FROM FAC NM FROM "4.10" TO "4.22".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: CHRISTOPHER SCHONES

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: HESEL

STATE: AL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 322335.43N/0852627.06W

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	AUBURN	I-AUO	LOC/DME	T	185.04	181.04	13.76	13.76		3000	4500
2	MONTGOMERY	MGM	VORTAC	VH	073.87	076.87	45.85	45.85		3000	17500
3	LAGRANGE	LGC	VORTAC	VH	195.89	196.89		41.03		2600	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MGM	VORTAC	R-074	46	3000	14800
LGC	VORTAC	R-196	42	2600	5800

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	S		WP	185.03	005.03	R		4	3000	6000	5	6
2	S	I-AUO	LOC/DME	185.04	005.04	R	1		3000	4500	4	5

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	322806.00N/0852330.00W	794	4E
2	200	AAO	322315.00N/0852239.00W	784	4B

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
RADAR ADDED TO FIX TYPE PER ATC REQUEST.  
AUBURN (FAC 1) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 36	1, 2	2	KAUO	AUBURN	AL (US)
IAP	RNAV (GPS) RWY 11		1	KAUO	AUBURN	AL (US)
IAP	RNAV (GPS) RWY 18		1	KAUO	AUBURN	AL (US)
IAP	RNAV (GPS) RWY 36		1	KAUO	AUBURN	AL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/16/2024

## REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: UPDATE I-AUO DME FROM "13.64" TO "13.76", DIST FROM FAC NM FROM "13.65" TO "13.76".  
2. FIX MAKE-UP FACILITIES: ADDED MGM VORTAC DME "45.85" AND CHANGED MGM VORTAC MRA FROM "2000" TO "3000".  
3. EXPANDED SERVICE VOLUME: ADDED "MGM VORTAC R-074 46 300014800" AND "LGC VORTAC R-196 42 2600 5800"  
4. HOLDING PATTERN 2: CHANGED MAX HOLDING ALTITUDE FROM "6000" TO "4500"  
5. HOLDING PATTERN 2 CONTROLLING OBSTRUCTION CHANGED FROM "AAO, 322736.00N/0852327.00W, 768, 4E" TO "AAO, 322315.00N/0852239.00W, 784, 4B".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: CHRISTOPHER SCHONES

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** LAGRANGE VORTAC **STATE:** GA **COUNTRY:** US **ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 330256.83N/0851222.40W **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	LAGRANGE	LGC	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 TIME	LENGTH DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	W	LGC	VORTAC	288.12	108.12	R	1		2400 6000	4 5

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (01-001397)	330239.00N/0852015.00W	1355	5E

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
MAGVAR 1E/1965.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	NASHVILLE			KBNA	NASHVILLE	TN (US)
EN ROUTE	J73					(US)
EN ROUTE	T258					(US)
EN ROUTE	T412					(US)
EN ROUTE	V168					(US)
EN ROUTE	V222					(US)
EN ROUTE	V243					(US)
EN ROUTE	V321					(US)
EN ROUTE	V66					(US)
IAP	ILS OR LOC RWY 36			KAUO	AUBURN	AL (US)
IAP	ILS OR LOC RWY 28			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 28 (CAT II) (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 28 (SA CAT I) (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 28 (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS RWY 28 (CAT II)			KATL	ATLANTA	GA (US)
IAP	ILS RWY 28 (SA CAT I)			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 31			KFFC	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 8			KFTY	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 35			KCTJ	CARROLLTON	GA (US)
IAP	ILS OR LOC RWY 6			KCSG	COLUMBUS	GA (US)
IAP	ILS OR LOC RWY 31		1	KLGC	LAGRANGE	GA (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 23 **DATE OF REVISION:** 10/05/2023

**REASON FOR REVISION:**

REMOVED IAP VOR-A KCCO, ILS OR LOC RWY 10 KATL, ILS OR LOC RWY 27L KATL, ILS OR LOC RWY 27R KATL, ILS PRM RWY 10 (CAT II) (SCP) KATL, ILS PRM RWY 10 (CAT III) (SCP) KATL, ILS PRM RWY 10 (SA CAT I) (SCP) KATL, ILS PRM RWY 10 (SCP) KATL, ILS PRM RWY 27L (CAT II) (SCP) KATL, ILS PRM RWY 27L (SA CAT I) (SCP) KATL, ILS PRM RWY 27L (SCP) KATL, ILS PRM RWY 27R (SCP) KATL, ILS RWY 10 (CAT II) KATL, ILS RWY 10 (CAT III) KATL, ILS RWY 10 (SA CAT I) KATL, ILS RWY 27L (CAT II) KATL, ILS RWY 27L (SA CAT I) KATL, ILS OR LOC RWY 33 KCCO, ILS OR LOC/DME RWY 31 KPUJ, VOR-A KCSG, VOR/DME RWY 15 KLSF FROM FIX USE.  
ADDED IAP ILS OR LOC RWY 36 KAUO TO FIX USE.  
REMOVED MILITARY IAP FROM REQUIRED CHARTING.

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

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A433 **NAME:** TROY PURNELL

**APPROVED BY:** **DATE:** 10/05/2023 **OFFICE:** AJV-A433 **NAME:** DAVID TEFFETELLER

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: MONTGOMERY VORTAC

STATE: AL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 321320.21N/0861911.02W

TYPE:

AIRSPACE DOCKET: 22-ASO-37

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	MONTGOMERY	MGM	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 TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE	MGM	VORTAC	138.00	318.00	R	1		2000	6000	4	5
2	SE	MGM	VORTAC	138.00	318.00	R	1		3000	14000	8	12

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (01-001560)	321344.00N/0861547.00W	731	2C
2	265	AAO	320154.00N/0860733.00W	765	4E
2	310	TOWER (01-000134)	322204.13N/0861542.03W	1014	4D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	ILS Y OR LOC RWY 28	KMGM	MONTGOMERY	AL (US)
2	HI - ILS Y OR LOC Y RWY 10	KMGM	MONTGOMERY	AL (US)
2	ILS Z OR LOC Z RWY 10	KMGM	MONTGOMERY	AL (US)

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
MAGVAR 3E/1965.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BIRMINGHAM			KBHM	BIRMINGHAM	AL (US)
DP	CHATTANOOGA			KCHA	CHATTANOOGA	TN (US)
EN ROUTE	J20					(US)
EN ROUTE	J41					(US)
EN ROUTE	T290					(US)
EN ROUTE	V115					(US)
EN ROUTE	V20					(US)
EN ROUTE	V222					(US)
EN ROUTE	V323					(US)
EN ROUTE	V415					(US)
EN ROUTE	V521					(US)
EN ROUTE	V7					(US)
IAP	ILS OR LOC RWY 36			KAUO	AUBURN	AL (US)
IAP	HI - ILS Y OR LOC Y RWY 10		2	KMGM	MONTGOMERY	AL (US)
IAP	HI-TACAN-A			KMGM	MONTGOMERY	AL (US)
IAP	ILS Y OR LOC RWY 28		2	KMGM	MONTGOMERY	AL (US)
IAP	ILS Z OR LOC Z RWY 10		2	KMGM	MONTGOMERY	AL (US)
IAP	NDB RWY 10		1	KMGM	MONTGOMERY	AL (US)
IAP	VOR-A		1	KMGM	MONTGOMERY	AL (US)
IAP	ILS Y OR LOC Y RWY 33			KSEM	SELMA	AL (US)
IAP	ILS Z OR LOC Z RWY 33			KSEM	SELMA	AL (US)
IAP	ILS OR LOC RWY 7			KTOI	TROY	AL (US)
IAP	NDB RWY 7			KTOI	TROY	AL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 23

DATE OF REVISION: 10/05/2023

## REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED FROM 22-ASO-9 TO 22-ASO-37.  
FIX USE: DELETED J590; ADDED ILS OR LOC RWY 36 AT KAUO.  
REQUIRED CHARTING: DELETED STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: GREGORY LINDSEY

**APPROVED BY:**

**DATE:** 10/05/2023

**OFFICE:** AJV-A423

**NAME:** ALLAN WILL

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: MILER

STATE: AL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 321257.74N/0852350.35W

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	EUFAULA	EUF	VORTAC	L	317.55	319.55	20.94	20.94	2000	17500
2	LAGRANGE	LGC	VORTAC	VH	190.04	191.04	50.82	50.82	2600	17500
3	WIREGRASS	RRS	VORTAC	L	359.77	001.77	55.79	55.79	6000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
LGC	VORTAC	R-190	51	2600	5800
RRS	VORTAC	R-360	56	6000	17500

## FIX RESTRICTIONS:

MCA V168 2600 NORTHBOUND  
MCA V168 6000 SOUTHBOUND

## HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

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

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T239					(US)
EN ROUTE	V159	1				(US)
EN ROUTE	V168	1, 2, 3				(US)
IAP	ILS OR LOC RWY 36	1, 2		KAUO	AUBURN	AL (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15

DATE OF REVISION: 02/23/2023

## REASON FOR REVISION:

REMOVED FAC 1 CSG VORTAC FROM FIX MAKE-UP FACILITY AND FIX USE.  
CHANGED MAX ALTITUDE FROM 15300 TO 5800 FOR LGC VORTAC IN EXPANDED SERVICE VOLUME.  
CHANGED "EUFAULA (FAC 1) AND COLUMBUS (FAC 2) USED TO ESTABLISH FIX COORDINATES" TO "EUFAULA (FAC 1) AND LAGRANGE (FAC 3) USED TO ESTABLISH FIX COORDINATES" IN REMARKS.  
REMOVED IAPS RNAV (GPS) RWY 6 FOR KCSG FROM FIX USE.

10/17/2022: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 07/18/2022.

REMOVED FAC 2 TGE VOR/DME FROM FIX MAKE-UP FACILITIES AND FIX USE PER AIRSPACE DOCKET 21-ASO-26.  
ADDED DME 20.94 TO FAC 1 EUFAULA VORTAC IN FIX MAKE-UP FACILITIES.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: SILVIA YOUNG

APPROVED BY:

DATE: 02/23/2023

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: