

RADIO FIX AND HOLDING DATA RECORD

NAME: BANBI STATE: AL COUNTRY: US ICAO REGION CODE: K7
 LATITUDE/LONGITUDE: 315004.30N/0854535.30W 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	MONTGOMERY	MGM	VORTAC	H	125.96	128.96	36.81	36.81	2400	17500
2	EUFAULA	EUF	VORTAC	L	256.00	258.00	32.89	32.89	2400	17500
3	COLUMBUS	CSG	VORTAC	L	218.14	219.14		60.10	2400	17500
4	WIREGRASS	RRS	VORTAC	L	330.99	332.99		36.98	2400	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CSG	VORTAC	R-218	61	2400	17500

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	E	EUF	VORTAC	076.00	256.00	L	1	3000 17500	6 18
2	SE		WP	151.00	331.00	R	4	3000 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (01-020075)	315319.03N/0854226.69W	917	5D
2	200	TOWER (01-020075)	315319.03N/0854226.69W	917	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

MONTGOMERY (FAC 1) AND EUFAULA (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	V454	1, 2, 3				(US)
EN ROUTE	V521	1, 2, 4				(US)
EN ROUTE	V7	1, 2, 4				(US)
EN ROUTE	V70	1, 2, 1				(US)
IAP	ILS OR LOC RWY 7			KTOI	TROY	AL (US)
IAP	NDB RWY 7			KTOI	TROY	AL (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

1. ADDED COLUMBUS (CSG)VORTAC AND WIREGRASS (RRS) VORTAC TO FIX MAKE-UP.
2. ADDED ESV FOR CSG IN EXPANDED SERVICE VOLUME.
3. CHANGED LEG TIME FROM 1-1 1/2 TO 1 FOR PAT 1 IN PATTERNS.
4. REMOVED KTOI RNAV (GPS) RWY 7, RNAV (GPS) RWY 14, RNAV (GPS) RWY 25 AND RNAV (GPS) RWY 32 IN FIX USE.
5. ADDED WIREGRASS (RRS) VORTAC TO V7 AND V521 IN FIX USE.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-5420 NAME: LOIS LEGAKO

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION: NFDC
 FPO: EST
 ARTCC: ZTL
 ATC FACILITY: CAIRNS APP CON
 OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: CHAFF

STATE: AL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 313901.31N/0863702.01W

TYPE: 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	FAC FEET	MRA	MAA
1	MONTGOMERY	MGM	VORTAC	H	201.00	204.00	37.46	37.46		2000	17500
2	MONROEVILLE	MVC	VORTAC	L	068.93	072.93		39.39		2000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

MONTGOMERY (FAC 1) AND MONROEVILLE (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V115	1, 2				(US)
EN ROUTE	V454	1, 2				(US)
EN ROUTE	V70	1, 2				(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

CHANGED LAT/LONG FROM 313902.67N/0863701.39W TO 313901.31N/0863702.01W IN LATITUDE/LONGITUDE.
DELETED AIRSPACE DOCKET (67-SO-4).
ADDED DIST FROM FAC TO FAC 1 AND 2 IN FIX MAKE-UP.
CHANGED FAC 1 (MGM) DME FROM 37.00 TO 37.46 IN FIX MAKE-UP.
CHANGED FAC 2 (MVC) MAG BRG FROM 069.00 TO 068.93 AND TRUE BRG FROM 073.00 TO 072.93 IN FIX MAKE-UP.
INCREASED MRA FROM 1500 TO 2200 AND MAA FROM 17000 TO 17500 FOR FAC 1 AND 2 IN FIX MAKE-UP.
DELETED REMARKS: REALIGN OF AIRWAYS.
DELETED MAC CRENSHAW MEMORIAL - GPS RWY 32 IN FIX USE.
ARRANGED ENROUTE AIRWAYS IN PROPER FORMAT IN FIX USE.
FIX MOVED 129 FT TO AIRWAY CENTERLINE.
ADDED MONTGOMERY (FAC 1) AND MONROEVILLE (FAC 2) TO ESTABLISH FIX COORDINATES IN REMARKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5420

NAME: LOIS LEGAKO

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: ATL
ARTCC: ZTL
ATC FACILITY:
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: CRENS

STATE: AL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 314443.93N/0861352.87W

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 NM	FAC FEET	MRA	MAA
1	EUFAULA	EUF	VORTAC	L	256.00	258.00		57.58		2400	17500
2	MONTGOMERY	MGM	VORTAC	H	168.00	171.00		28.90		2400	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
EUF	VORTAC	R-256	58	2400	17500

FIX RESTRICTIONS:

MCA V70 4500 SOUTHWEST BOUND
MCA V454 4500 SOUTHWEST BOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V70	1, 2				(US)
EN ROUTE	V454	1, 2				(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

ADDED DIST FROM FAC TO EUF & MGM IN FIX MAKE-UP.
ADDED MCA TO RESTRICTIONS.
DELETED FAC 2 (MGM) DME VALUE IN FIX MAKE-UP.
ADDED ESV FOR EUF IN EXPANDED SERVICE VOLUME.
UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5420

NAME: LOIS LEGAKO

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: ATL
ARTCC: ZTL, ZJX
ATC FACILITY: MGM APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: MONROEVILLE VORTAC **STATE:** AL **COUNTRY:** US **ICAO REGION CODE:** K7

LATITUDE/LONGITUDE: 312733.57N/0872109.14W **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	MRA FEET	MAA
1	MONROEVILLE	MVC	VORTAC	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	NE	MVC	VORTAC	035.00	215.00	R	1	2000 14000	4 10
2	S	MVC	VORTAC	199.00	019.00	L	1	2000 14000	4 10
3	W	MVC	VORTAC	275.19	095.19	R	1	2000 14000	4 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (01-000308)	313219.00N/0872035.00W	890	4D
1	310	TOWER (01-001395)	313201.00N/0872432.00W	909	5D
2	200	TOWER (01-002006)	312841.13N/0872634.96W	812	2C
2	310	TOWER (01-001395)	313201.00N/0872432.00W	909	5D
3	200	TOWER (01-002006)	312841.13N/0872634.96W	812	2C

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR RWY 21	KMVC	MONROEVILLE	AL (US)
2	VOR RWY 3	KMVC	MONROEVILLE	AL (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: E04/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V20					(US)
EN ROUTE	V222					(US)
EN ROUTE	V454					(US)
EN ROUTE	V552					(US)
EN ROUTE	V70					(US)
IAP	VOR/DME RWY 10		3	KGZH	EVERGREEN	AL (US)
IAP	RNAV (GPS) RWY 1			K4R3	JACKSON	AL (US)
IAP	RNAV (GPS) RWY 19			K4R3	JACKSON	AL (US)
IAP	RNAV (GPS) RWY 3			KMVC	MONROEVILLE	AL (US)
IAP	VOR RWY 21		1	KMVC	MONROEVILLE	AL (US)
IAP	VOR RWY 3		2	KMVC	MONROEVILLE	AL (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 01/03/2019

REASON FOR REVISION:

ADDED FACILITY MAGVAR TO REMARKS.
REMOVED DP GUMPY RNAV (BHM) AND DP KJAN FROM FIX USE.
REMOVED DP FROM REQUIRED CHARTING.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-5420 **NAME:** LOIS LEGAKO

APPROVED BY: **DATE:** **OFFICE:** AJV-5420 **NAME:** JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZTL, ZJX
ATC FACILITY:
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: RUTEL

STATE: AL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 314257.69N/0862136.33W

TYPE: 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 NM	FAC FEET	MRA	MAA
1	MONROEVILLE	MVC	VORTAC	L	068.93	072.93	53.13	53.13		2500	17500
2	MONTGOMERY	MGM	VORTAC	H	180.90	183.90		30.38		2500	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MVC	VORTAC	R-069	54	2500	17500

FIX RESTRICTIONS:

MCA V454 4500 NORTHEAST BOUND
MCA V70 4500 NORTHEAST BOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

MONROEVILLE (FAC 1) AND MONTGOMERY (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V454	1, 2				(US)
EN ROUTE	V70	1, 2				(US)
IAP	COPTER NDB RWY 29	1, 2		K79J	ANDALUSIA/OPP	AL (US)
IAP	NDB-A	1, 2		K79J	ANDALUSIA/OPP	AL (US)
IAP	ILS OR LOC RWY 7	1, 2		KTOI	TROY	AL (US)
IAP	NDB RWY 7	1, 2		KTOI	TROY	AL (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

DELETED DME VALUE FOR MONTGOMERY (MGM) VORTAC IN FIX MAKE-UP.
ADDED MCA TO RESTRICTIONS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5420

NAME: LOIS LEGAKO

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: OZR APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: YIBYI

STATE: AL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 314410.50N/0861647.98W

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	MONROEVILLE	MVC	VORTAC	L	068.93	072.93	57.41	57.41		4500	17500
2	EUFAULA	EUF	VORTAC	L	256.00	258.00	60.13	60.13		4500	15500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MVC	VORTAC	R-069	58	4500	17500
EUF	VORTAC	R-256	61	4500	15500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V454		1, 2			(US)
EN ROUTE	V70		1, 2			(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

CHANGED FROM A CNF TO DME IN TYPE.
ADDED FAC 1 (MVC) AND 2 (EUF) TO FIX MAKEUP.
ADDED ESV (MVC) AND (EUF) TO EXPANDED SERVICE VOLUME.
UPDATED V70-454 TO CURRENT CRITERIA IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5420

NAME: LOIS LEGAKO

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: ATL
ARTCC: ZTL
ATC FACILITY:
OTHER: