UNITED STATES AIR FORCE
TACAN STANDARD INSTRUMENT APPROACH PROCEDURE

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MEI VORTAC	LOMAX/MGM 44.70 DME	067.93 / 116.40	16000
CEW VORTAC	LOMAX/MGM 44.70 DME	358.80 / 126.02	16000
EUF VORTAC	LOMAX/MGM 44.70 DME	306.55 / 94.94	16000
RMG VORTAC	LOMAX/MGM 44.70 DME	224.59 / 104.73	16000
LOMAX/MGM 44.70 DME (IAF)	RANOC/MGM 21.00 DME	158.34 / 23.70 (MGM R-338)	4000
RANOC/MGM 21.00 DME CCW	SIPNE/MGM 21.00 DME	21.00 DME ARC (MGM LR-319)	3000
SIPNE/MGM 21.00 DME (IF)	ESCOT/MGM 11.64 DME	133.13 / 9.36 (MGM R-313)	2000

MISSED APPROACH

RW10 OR AT WURDO/MGM 6.64 DME FIX

CLIMB TO 3500 DIRECT MGM VORTAC AND ON MGM R-126 TO SHADY INT/MGM 15.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 305.96 INBOUND.
CHART FAS OBST: 350 TOWER 321851N/0862435W
CHART: ASR.
CHART MGM R-338 AT RANOC.
CHART ARRIVAL HOLDING AT LOMAX: HOLD NW, RT, 158.49 INBOUND, 10 NM LEGS, 16000
FAC CROSSES THLD OF RWY 10.
CHART MANDATORY 3000 AT SIPNE.
CHART MANDATORY 2000 AT ESCOT.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT LOMAX/MGM 44.70 DME
3. FAC 133.28 FAF ESCOT/MGM 11.64 DME DIST FAF TO MAP 5.00 THLD 5.00
4. MIN. ALT LOMAX 16000, RANOC 4000, SIPNE 3000, ESCOT 2000, WIVPI/MGM 9.10 DME 1180
8. MSA FROM: MGM VORTAC 3500, ESA W/IN 100 NM 5000

MAG VAR: 3E EPOCH YEAR: 1965

MINIMUMS

TAKEOFF: NA SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: NA

CATEGORY	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING							700	1 1/2	479	800	2	579	800	2	579

NOTES:

CHART NOTE: CIRCLING TO RWY 21 NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 3 NA AT NIGHT.
CHART NOTE: CIRCLING NA FOR CAT E N OF RWY 10-28.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 221 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
MONTGOMERY, AL	MONTGOMERY RGNL (DANNELLY FIELD)	MGM	HI TACAN-A, AMDT 4	SUP AMDT 3 DATE 12/24/2004

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**ROUTINE**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[X] **ZTL, ANG HQ AND C4AT, MGM APP CON/ATCT, AMGR.**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **SEAN BARBEE**	FIFO **AJV-352**	DATE: **01/25/2012**
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

RECOMMENDED BY: _____
DARRYEL ADAMS, MANAGER, AJV-352

1. STEP-DOWN FIX WIVPI ADDED TO FINAL SEGMENT.
2. ADDED NOTE: WHEN VGSI INOP, CIRCLING RWY 3 NA AT NIGHT.
3. ADDED NOTE: CIRCLING RWY 21 NA AT NIGHT.
4. CHANGED MISSED APPROACH INSTRUCTIONS TO READ: CLIMB TO 3500 DIRECT MGM VORTAC AND ON MGM R-126 TO SHADY INT/MGM 15 DME AND HOLD.

REASONS:

1. SDF UTILIZED TO RETAIN CAT C MINIMUMS. BIENNIAL REVIEW IDENTIFIED 549 MSL AAO IN FINAL SEGMENT THAT INCREASED CAT C CIRCLING MDA TO 800 FT.
2. IAW 8260.19D, PARA 854M(2)H, NOTE REQUIRED WHEN VGSI IS USED TO MITIGATE REQUIREMENT IN TERPS TO LIGHT AN OBSTACLE THAT PENETRATES 20:1 VISUAL ASSESSMENT AREA.
3. IAW 8260.19D, PARA 854M(2)G, NOTE REQUIRED WHEN 20:1 VISUAL SURFACE PENETRATIONS ARE NOT LIT AND/OR FLIGHT CHECK COMMISSIONED VGSI SYSTEM IS UNAVAILABLE.
4. AS PUBLISHED FOR AMDT 3, THE MISSED APPROACH WOULD REQUIRE A CLIMB GRADIENT TO REACH 3000 AT MGM VORTAC. IAW 8260.19D, PARA 856E(2), WHEN A MISSED APPROACH REQUIRES A CLIMB GRADIENT, MINIMA WILL ALSO BE PUBLISHED TO SUPPORT A STANDARD CLIMB GRADIENT. A WAIVER WOULD BE REQUIRED TO RETAIN THE MISSED APPROACH.

QUALITY CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	MEI VORTAC	LOMAX/MGM 44.70	1. TOWER (01-001605)	325901.00N/0863959.00W	1262 (5E)	1000	AT13738	16000
		DME	2. TERRAIN	325504.10N/0863709.20W	870 (900)		AS1500	2400
FEEDER	CEW VORTAC	LOMAX/MGM 44.70	3. TOWER (01-001213)	320830.00N/0864442.00W	2049 (5D)	2000	AT11951	16000
		DME	2. TERRAIN	325504.10N/0863709.20W	870 (900)		AS1500	2400
FEEDER	EUF VORTAC	LOMAX/MGM 44.70	4. TOWER (01-001577)	324752.00N/0863853.00W	1236 (7F)	2000	AT12514 AC250	16000
		DME	5. TERRAIN	325424.00N/0863551.00W	798 (800)		AS1500	2300
FEEDER	RMG VORTAC	LOMAX/MGM 44.70	6. TOWER (01-000097)	332906.00N/0854832.00W	2983 (4D)	2000	AT11017	16000
		DME	7. TERRAIN	334137.00N/0854412.90W	2063 (2100)		AS1500	3600
INITIAL	LOMAX/MGM 44.70	RANOC/MGM 21.00	8. TOWER (01-000216)	323806.00N/0863005.00W	1150 (1C)	1000	AT1850	4000
	DME	DME	2. TERRAIN	325504.10N/0863709.20W	870 (900)		AS1500	2400
INITIAL: ARC	RANOC/MGM 21.00	SIPNE/MGM 21.00	9. TOWER (01-000911)	323204.00N/0862731.00W	948 (5E)	1000	AT1052	3000
	DME CCW	DME	10. TERRAIN	323651.00N/0862912.00W	663 (700)		AS1500	2200
INTERMEDIATE	SIPNE/MGM 21.00	ESCOT/MGM 11.64	11. TOWER (01-002904)	322801.53N/0863243.82W	768 (2C)	500		1300
	DME	DME	12. TERRAIN	322611.20N/0863252.10W	510 (500)		AS1500	2000
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	RW10 OR AT	SHADY INT/MGM				ASC		3500
	WURDO/MGM 6.64	15.00 DME	15. AAO	320227.20N/0860859.60W	800 (6A)	1000		1800
ELEV:	450		16. TERRAIN	320227.20N/0860859.60W	600 (600)		AS1500	2100

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350								
CATEGORY B	1.5 NM	450								
CATEGORY C	1.7 NM	450	479	17. TREE	321729.00N/0862402.00W	369 (2C)	300	XP20	700
CATEGORY D	2.3 NM	550	579	18. TANK (01-000960)	321602.00N/0862200.00W	444 (5D)	300	AC50	800
CATEGORY E	4.5 NM	550	579	19. TOWER (01-002329)	321355.00N/0862257.00W	480 (2C)	300	XP20	800

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: MGM VORTAC

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (01-000630)	149/ 16.9	2467 (5D)	3500					

CITY AND STATE	ELEVATION: 221 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
MONTGOMERY, AL	MONTGOMERY RGNL (DANNELLY FIELD)	MGM	HI TACAN-A, AMDT 4	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
MGM APP CON MGM TOWER	X	N W S	OTHER: ASOS	SOURCE: KMGM
		F A A		DISTANCE:
		A / C		HOURS REMOTE OPERATION: 24
SATISFACTORY ON:				
X V H F X U H F H F	LOCATION: KMGM/KMGM			ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID:	MGM VORTAC
	MONITOR POINT:	AOCC
	HRS OPTN: CAT 1	24
	HRS OPTN: CAT 3	

5. APPROACH & RUNWAY LIGHTING	
	ALS
	(S) SALS
X	MALSR 10 (PCL), 28 (PCL)
X	HIRL 10 (PCL), 28 (PCL)
X	MIRL 21 (PCL), 03 (PCL)
X	REIL 03 (PCL)
	TDZ
	C/LINE
X	OTHER (SPECIFY) PAPI-4L 10, 21 (PCL), 28, 03

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 10, 28
	INSTRUMENT	NPI-G 21, 03
7. RUNWAY VISUAL RANGE	APPROACH	10
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:
9. FINAL APPROACH COURSE AIMING	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: SEAN BARBEE	DATE: 01/25/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - CIRCLING ONLY PROCEDURE.

PARA 251, 20:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

KMGR ASOS ON SERVICE-A. REDUNDANT WEATHER AVAILABLE INCLUDING NWS. BACK-UP ALTIMETER NOT REQUIRED.

NO ADDITIONAL AIRSPACE REQUIRED.

TERPS, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS:

20:1
R03 223 MSL GRD (KMGM0002) 321740.97N/0862341.52W (2.88)
R03 302 MSL TREE (KMGM0004) 321727.85N/0862352.42W (0.83)
R21 245 MSL TREE (KMGM0005) 321824.39N/0862302.08W (3.82)

ESA OBSTACLE: 2983 MSL TOWER (01-000097) 332906.00N/0854832.00W (4D) 016/79.9 NM 5000

100 FT TREES USED PER FPT.

OBSTACLE #4 ACCURACY (7F) ESTABLISHED IAW 8260.19D, APPENDIX 3, PARA 101B(I)3.

OBSTACLE #17 XP - MATCH PUBLISHED MDA.

OBSTACLE #19 XP - INCREASED TO MATCH CAT D.

FINAL APPROACH COURSE AIMING POINT IS RWY10 THLD.

QUALITY CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FINAL	ESCOT/MGM 11.64	WIVPI/MGM 9.10	13. AAO	322024.00N/0862806.00W	549 (2C)	250	DG381	1180
	DME	DME						
FINAL: STEPDOWN	WIVPI/MGM 9.10	RW10 OR AT	14. TOWER (01-002834)	321851.00N/0862435.00W	350 (2C)	250		600
	DME	WURDO/MGM 6.64						
		DME FIX						

3. MISSED APPROACH										
	MAP:									
	ELEV:									

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.								
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL						
CATEGORY B	1.5 NM		450							
CATEGORY C	1.7 NM		450							
CATEGORY D	2.3 NM		550							
CATEGORY E	4.5 NM		550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
MONTGOMERY, AL	ELEVATION: 221 AIRPORT NAME: MONTGOMERY RGNL (DANNELLY FIELD)	MGM	HI TACAN-A, AMDT 4	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
SATISFACTORY ON:		N W S	OTHER:	SOURCE:
		F A A		DISTANCE:
		A / C		HOURS REMOTE OPERATION:
V H F / U H F / H F	LOCATION:			ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING		**ALS**
		(S) SALS
		MALS
		HIRL
		MIRL
		REIL
		TDZ
		C/LINE
		OTHER (SPECIFY)

6. RUNWAY MARKINGS	BASIC
	ALL WEATHER
	INSTRUMENT
7. RUNWAY VISUAL RANGE	APPROACH
	MIDFIELD
	ROLL OUT

8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

9. FINAL APPROACH COURSE AIMING		RUNWAY THRESHOLD	FT. FROM THRESHOLD
		ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ESCOT **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 322145.74N/0862841.01W **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 FAC NM	DIST FROM FAC FEET	MRA	MAA
1	MONTGOMERY	MGM	VORTAC	H	313.28	316.28	11.64	11.64	70739	2000	17500

FIX RESTRICTIONS:
MILITARY USE ONLY.

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI-TACAN-A	1		KMGM	MONTGOMERY	AL (US)

REQUIRED CHARTING: MILITARY IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
ADDED NM DIST FROM FAC.
MOVED MILITARY USE ONLY STATEMENT FROM REMARKS TO FIX RESTRICTIONS.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/25/2012 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: MGM APP CON/ATCT
OTHER: HQ ANG/C4AT

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: EUFAULA VORTAC **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 315700.90N/0850749.73W **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	DIST FROM FAC FEET	MRA	MAA
1	EUFAULA	EUF	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	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	W	EUF	VORTAC	255.42	075.42	R	1-1 1/2		2000	17500	4	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (01-001685)	315602.00N/0851222.00W	926	5D
1	200	TOWER (01-001685)	315602.00N/0851222.00W	926	5D

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 2000.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CLIOS			KOZR	FORT RUCKER	AL (US)
EN ROUTE	V159					(US)
EN ROUTE	V241					(US)
EN ROUTE	V323					(US)
EN ROUTE	V70					(US)
IAP	RNAV (GPS) RWY 27			K11A	CLAYTON	AL (US)
IAP	VOR/DME RWY 27			K11A	CLAYTON	AL (US)
IAP	ILS OR LOC RWY 32			KDHN	DOTHAN	AL (US)
IAP	VOR OR TACAN-A			KDHN	DOTHAN	AL (US)
IAP	VOR RWY 18		1	KEUF	EUFAULA	AL (US)
IAP	VOR/DME RWY 36		1	KEUF	EUFAULA	AL (US)
IAP	HI-ILS OR LOC RWY 10			KMGM	MONTGOMERY	AL (US)
IAP	HI-TACAN-A			KMGM	MONTGOMERY	AL (US)
IAP	VOR RWY 30			K71J	OZARK	AL (US)
IAP	ILS OR LOC RWY 33			KLSF	FORT BENNING (COLUMBUS)	GA (US)
IAP	RNAV (GPS) RWY 15			KLSF	FORT BENNING (COLUMBUS)	GA (US)
IAP	RNAV (GPS) RWY 33			KLSF	FORT BENNING (COLUMBUS)	GA (US)
IAP	VOR-A			KLSF	FORT BENNING (COLUMBUS)	GA (US)
IAP	VOR/DME RWY 15			KLSF	FORT BENNING (COLUMBUS)	GA (US)
STAR	EUGNE (RNAV)			KBHM	BIRMINGHAM	AL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
UPDATED FIX USE.
ADDED STAR AND DP TO REQUIRED CHARTING.
ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED TO REMARKS.
REMOVED UNPLANNED HOLDING NOTE FROM REMARKS AND ADDED IT TO HOLDING RESTRICTIONS.
UPDATED FACILITY LAT/LONG FROM 315700.87N/0850749.95W TO 315700.90N/0850749.73W PER 3RD PARTY SURVEY DATED 10/26/08 AND NFDD # 073-1 DATED 04/17/09.

DEVELOPED BY: **DATE:** 03/27/2012 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZTL
ATC FACILITY:
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LOMAX **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 325547.51N/0863602.49W **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 FAC NM	DIST FROM FAC FEET	MRA	MAA
1	MAXWELL	MXF	TACAN	L	342.41	340.41	35.00	35.00		16000	17500
2	MONTGOMERY	MGM	VORTAC	H	338.49	341.49	44.70	44.70		4000	17500
3	ROME	RMG	VORTAC	H	224.59	225.59		104.73		16000	17500
4	MERIDIAN	MEI	VORTAC	H	067.93	072.93		116.40		16000	17500
5	CRESTVIEW	CEW	VORTAC	H	358.80	001.80		126.02		16000	17500
6	EUFAULA	EUF	VORTAC	L	306.55	308.55		94.94		16000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
RMG	VORTAC	R-225	105	16000	17500
MEI	VORTAC	R-068	117	16000	17500
CEW	VORTAC	R-359	127	16000	17500
EUF	VORTAC	R-307	95	16000	17500
MGM	VORTAC	R-338	45	4000	14700

FIX RESTRICTIONS:
MILITARY USE ONLY.

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	N	MXF	TACAN	342.41	162.41	R		10	16000	17500	17	18
2	N	MGM	VORTAC	338.49	158.49	R		10	16000	17500	17	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	TOWER (01-001605)	325901.00N/0863959.00W	1262	5E
2	265	AAO	331812.00N/0864548.00W	1267	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.
PAT 1 AND PAT 2 MAXIMUM HOLDING AIRSPEED 265 KIAS.

REMARKS:
MAXWELL (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI-ILS OR LOC RWY 10	1, 3, 4, 5, 6	1	KMGM	MONTGOMERY	AL (US)
IAP	HI-TACAN-A	2, 3, 4, 5, 6	2	KMGM	MONTGOMERY	AL (US)

REQUIRED CHARTING: MILITARY IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
ADDED FAC 1 AND FAC 2 NM DIST FROM FAC.
ADDED FACS 3, 4, 5, AND 6.
CHANGED FAC 2 MRA FROM 16000 TO 4000.
ADDED ESV DATA FOR FACS 2, 3, 4, 5, 6.
UPDATED PAT 1 OBSTACLE IDENTIFIER FROM (01-1605) TO (01-001605); CHANGED PAT 2 OBSTACLE DATA FROM 1262 MSL TOWER (01-1605) TO 1267 MSL AAO.
UPDATED FIX RESTRICITONS, HOLDING RESTRICTIONS, AND REMARKS.
UPDATED FIX FIX USE.

DEVELOPED BY: **DATE:** 01/26/2012 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

QUALITY CHECKED

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: MGM APP CON/ATCT
OTHER: HQ ANG/C4AT

RADIO FIX AND HOLDING DATA RECORD

NAME: RANOC **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 323317.25N/0862704.23W **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 FAC NM	DIST FROM FAC FEET	MRA	MAA
1	MONTGOMERY	MGM	VORTAC	H	338.49	341.49	21.00	21.00		4000	17500

FIX RESTRICTIONS:
MILITARY USE ONLY.

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI-TACAN-A	1		KMGM	MONTGOMERY	AL (US)

REQUIRED CHARTING: MILITARY IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
ADD NM DIST FROM FAC.
MOVED MILITARY USE ONLY STATEMENT FROM REMARKS TO FIX RESTRICTIONS.
UPDATE FIX USE.

DEVELOPED BY: **DATE:** 01/26/2012 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: MGM APP CON/ATCT
OTHER: HQ ANG/C4AT

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ROME VORTAC **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 340945.22N/0850709.83W **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	ROME	RMG	VORTAC	H							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	S	RMG	VORTAC	169.00	349.00	L	1-1 1/2		3000	17500	4	16
2	N	RMG	VORTAC	007.90	187.90	L	1-1 1/2		3000	17500	4	16
3	NW	RMG	VORTAC	313.00	133.00	R		15	5000	41000	18	28
4	NW		WP	314.88	134.88	R		15	15000	41000	28	29

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (13-000100)	341359.00N/0851402.00W	1761	5E
1	200	AAO	340946.71N/0850709.66W	1359	2C
1	310	TOWER (13-000100)	341359.00N/0851402.00W	1761	5E
2	200	TOWER (13-003316)	340934.00N/0850213.00W	1723	4D
3	200	AAO	341919.00N/0851725.00W	1901	6C
4	265	AAO	343730.00N/0852800.00W	2409	4E

REASON FOR NONSTANDARD HOLDING:
PAT 1 COMPATIBILITY WITH PROCEDURE TURNS.
PAT 2 REQUESTED BY ATC

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR/DME RWY 19	KRMG	ROME	GA (US)
1	VOR/DME RWY 1	KRMG	ROME	GA (US)
1	ILS/DME RWY 1	KRMG	ROME	GA (US)

REMARKS:
HOLD PAT 2: 4D AC (OE-2003-ASO-5588).
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 3 AND 4 - 15 NM LEG LENGTH REQUESTED BY ATC.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BIRMINGHAM			KBHM	BIRMINGHAM	AL (US)
DP	HUNTSVILLE			KHSV	HUNTSVILLE	AL (US)
DP	UZOVO			KRMG	ROME	GA (US)
DP	CHATTANOOGA			KCHA	CHATTANOOGA	TN (US)
DP	KNOXVILLE			KTYS	KNOXVILLE	TN (US)
DP	TITAN			KBNA	NASHVILLE	TN (US)
EN ROUTE	J66					(US)
EN ROUTE	V154					(US)
EN ROUTE	V333					(US)
EN ROUTE	V415					(US)
EN ROUTE	V417					(US)
IAP	VOR/DME OR GPS RWY 27			KC22	CENTRE	AL (US)
IAP	HI-ILS OR LOC RWY 10			KMGM	MONTGOMERY	AL (US)
IAP	HI-TACAN-A			KMGM	MONTGOMERY	AL (US)
IAP	ILS OR LOC RWY 08L			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 08R			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 26L			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 26R			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 27L			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 27R			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 08L (SIM CLOSE PAR (CAT III)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 08L (SIM CLOSE PAR)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 08L (SIM CLOSE PAR) (CAT II)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 08R (SIM CLOSE PAR)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 26L (SIM CLOSE PAR)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 26R (CAT II)			KATL	ATLANTA	GA (US)

QUALITY CHECKED

IAP	ILS PRM RWY 26R (SIM CLOSE PAR)		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 26R (SIM CLOSE PAR) (CAT II)		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 27L (CAT II)		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 27L (SIM CLOSE PAR)		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 27R (SIM CLOSE PAR)		KATL	ATLANTA	GA (US)
IAP	ILS RWY 08L (CAT II)		KATL	ATLANTA	GA (US)
IAP	ILS RWY 08L (CAT III)		KATL	ATLANTA	GA (US)
IAP	ILS RWY 26R (CAT II)		KATL	ATLANTA	GA (US)
IAP	ILS RWY 27L (CAT II)		KATL	ATLANTA	GA (US)
IAP	ILS RWY 8		KFTY	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 8		KFTY	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 20L		KPDK	ATLANTA	GA (US)
IAP	VOR/DME RWY 20L		KPDK	ATLANTA	GA (US)
IAP	VOR/DME RWY 27		KPDK	ATLANTA	GA (US)
IAP	ILS OR LOC/DME RWY 31		KPUJ	ATLANTA	GA (US)
IAP	RNAV (GPS) RWY 13		KPUJ	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 27		KRYY	ATLANTA	GA (US)
IAP	VOR/DME RWY 9		KRYY	ATLANTA	GA (US)
IAP	LOC RWY 35		KCZL	CALHOUN	GA (US)
IAP	RNAV (GPS) RWY 17		KCZL	CALHOUN	GA (US)
IAP	RNAV (GPS) RWY 35		KCZL	CALHOUN	GA (US)
IAP	ILS OR LOC/NDB RWY 35		KCTJ	CARROLLTON	GA (US)
IAP	LOC RWY 19		KVPC	CARTERSVILLE	GA (US)
IAP	RNAV (GPS) RWY 19		KVPC	CARTERSVILLE	GA (US)
IAP	VOR/DME-A		KVPC	CARTERSVILLE	GA (US)
IAP	VOR-A	2	K4A4	CEDARTOWN	GA (US)
IAP	ILS OR LOC RWY 14 (ALT MA)	1	KDNN	DALTON	GA (US)
IAP	RNAV (GPS) RWY 34		KJZP	JASPER	GA (US)
IAP	ILS/DME RWY 1	1	KRMG.	ROME	GA (US)
IAP	RNAV (GPS) RWY 19		KRMG	ROME	GA (US)
IAP	RNAV (GPS) RWY 7		KRMG	ROME	GA (US)
IAP	VOR/DME RWY 1	1	KRMG	ROME	GA (US)
IAP	VOR/DME RWY 19	1	KRMG	ROME	GA (US)
STAR	ERLIN (RNAV)	4	KATL	ATLANTA	GA (US)
STAR	HERKO (RNAV)	4	KATL	ATLANTA	GA (US)
STAR	LA GRANGE		KATL	ATLANTA	GA (US)
STAR	ROME	3	KATL	ATLANTA	GA (US)
STAR	RPTOR (RNAV)	4	KATL	ATLANTA	GA (US)
STAR	VIKNN (RNAV)	4	KATL	ATLANTA	GA (US)
STAR	BUNNI		KFTY	ATLANTA	GA (US)
STAR	MIKEE		KFTY	ATLANTA	GA (US)
STAR	BUNNI		KPDK	ATLANTA	GA (US)
STAR	MIKEE		KPDK	ATLANTA	GA (US)
STAR	BUNNI		KPUJ	ATLANTA	GA (US)
STAR	MIKEE		KPUJ	ATLANTA	GA (US)
STAR	BUNNI		KRYY	ATLANTA	GA (US)
STAR	MIKEE		KRYY	ATLANTA	GA (US)
STAR	BUNNI		KVPC	CARTERSVILLE	GA (US)
STAR	MIKEE		KVPC	CARTERSVILLE	GA (US)
STAR	BUNNI		K9A1	COVINGTON	GA (US)
STAR	BUNNI		KLZU	LAWRENCEVILLE	GA (US)
STAR	MIKEE		KLZU	LAWRENCEVILLE	GA (US)
STAR	BUNNI		KMGE	MARIETTA	GA (US)
STAR	MIKEE		KMGE	MARIETTA	GA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
CHANGED PATS 1 AND 2 HOLDING LENGTH TIME FROM 1 TO 1 1/2.

DEVELOPED BY: **DATE:** 03/27/2012 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZTL
ATC FACILITY:
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SHADY **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 320352.45N/0860527.56W **TYPE:** WP, INT, DME

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	DIST FROM FAC FEET	MRA	MAA
1	MONTGOMERY	MGM	VORTAC	H	125.96	128.96	15.00	15.00		2400	17500
2	TUSKEGEE	TGE	VOR/DME	L	218.56	220.56		33.07		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	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SE	MGM	VORTAC	125.96	305.96	R	1-1 1/2		3500	17500	10	18
2	N		WP	347.82	167.82	L		4	2400	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (01-002424)	320337.00N/0855702.00W	1568	5D
1	265	TOWER (01-000630)	315829.00N/0860944.00W	2467	5D
2	200	TOWER (01-000767)	320333.53N/0860121.84W	1240	5D

REASON FOR NONSTANDARD HOLDING:
PAT 2 AVOID OBSTACLE 01-000630.

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
MONTGOMERY (FAC 1) USED TO ESTABLISH FIX COORDINATES
CHART PAT 1 ON ENR LOW CHART
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1 - 265 KIAS HOLDING REQUESTED TO SUPPORT MILITARY AIRCRAFT.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V7-521	1, 2	1			(US)
IAP	HI-ILS OR LOC RWY 10	1, 2	1	KMGM	MONTGOMERY	AL (US)
IAP	HI-ILS OR LOC RWY 28	1, 2	1	KMGM	MONTGOMERY	AL (US)
IAP	HI-TACAN-A	1, 2	1	KMGM	MONTGOMERY	AL (US)
IAP	ILS OR LOC RWY 10	1, 2		KMGM	MONTGOMERY	AL (US)
IAP	ILS OR LOC RWY 28	1, 2	1	KMGM	MONTGOMERY	AL (US)
IAP	RADAR 1	1, 2	1	KMGM	MONTGOMERY	AL (US)
IAP	VOR-A	1, 2		KMGM	MONTGOMERY	AL (US)
IAP	RNAV (GPS) RWY 14		2	KTOI	TROY	AL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
IDENTIFIED MGM VTAC AS FACILITY USED TO ESTABLISH FIX COORDINATES.
CHANGED PAT 1 MIN TEMPLATE FROM 6 TO 10.
ADDED PRECIPITOUS TERRAIN NOTE TO REMARKS.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/30/2012 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZTL, ZJX
ATC FACILITY: MGM APP CON/ATCT
OTHER: HQ ANG/C4AT, OZR APP CON

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SIPNE **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 322831.55N/0863620.43W **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 FAC NM	DIST FROM FAC FEET	MRA	MAA
1	MONTGOMERY	MGM	VORTAC	H	313.28	316.28	21.00	21.00		3000	17500

FIX RESTRICTIONS:
MILITARY USE ONLY.

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI-TACAN-A	1		KMGM	MONTGOMERY	AL (US)

REQUIRED CHARTING: MILITARY IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
ADDED NM DIST FROM FAC.
MOVED MILITARY USE ONLY STATEMENT FROM REMARKS TO FIX RESTRICTIONS.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/26/2012 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: MGM APP CON/ATCT
OTHER: HQ ANG/C4AT

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WURDO **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 321808.64N/0862435.92W **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 FAC NM	DIST FROM FAC FEET	MRA	MAA
1	MONTGOMERY	MGM	VORTAC	H	313.28	316.28	6.64			500	17500

FIX RESTRICTIONS:
MILITARY USE ONLY.

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI-TACAN-A	1		KMGM	MONTGOMERY	AL (US)

REQUIRED CHARTING: MILITARY IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
FIX COLLOCATED WITH KMGR R10 THLD; FIX MOVED 2 FT.
MOVED MILITARY USE ONLY STATEMENT FROM REMARKS TO FIX RESTRICTIONS.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/26/2012 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZTL
ATC FACILITY: MGM APP CON/ATCT
OTHER: HQ ANG/C4AT

QUALITY CHECK

RADIO FIX AND HOLDING DATA RECORD

NAME: WIVPI **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 321955.42N/0862636.40W **TYPE:** DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	MOULTRIE	MGR	VOR/DME	L	318.28	316.28	9.10	9.10		1080	17500

FIX RESTRICTIONS:
MILITARY USE ONLY.

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI-TACAN-A	1		KMGM	MONTGOMERY	AL (US)

REQUIRED CHARTING: MILITARY IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 01/25/2012 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: MGM APP CON/ATCT
OTHER: HQ ANG/C4AT

QUALITY CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: CRESTVIEW VORTAC **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 304934.23N/0864044.92W **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	CRESTVIEW	CEW	VORTAC	H							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	W	CEW	VORTAC	286.22	106.22	L	1		2000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-003481)	304919.44N/0864236.56W	616	1A

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST / AIRSPACE

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	OPPTO			KOZR	FORT RUCKER	AL (US)
DP	LA GRANGE			KATL	ATLANTA	GA (US)
DP	ALEXANDRIA			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	ALEXANDRIA			KGLS	GALVESTON	TX (US)
DP	ALEXANDRIA			KAXH	HOUSTON	TX (US)
DP	ALEXANDRIA			KCXO	HOUSTON	TX (US)
DP	ALEXANDRIA			KDWH	HOUSTON	TX (US)
DP	ALEXANDRIA			KEFD	HOUSTON	TX (US)
DP	ALEXANDRIA			KEYQ	HOUSTON	TX (US)
DP	ALEXANDRIA			KHOU	HOUSTON	TX (US)
DP	ALEXANDRIA			KIAH	HOUSTON	TX (US)
DP	ALEXANDRIA			KIWS	HOUSTON	TX (US)
DP	ALEXANDRIA			KSGR	HOUSTON	TX (US)
DP	ALEXANDRIA			KTME	HOUSTON	TX (US)
DP	ALEXANDRIA			KT41	LA PORTE	TX (US)
EN ROUTE	J2					(US)
EN ROUTE	J39					(US)
EN ROUTE	J50					(US)
EN ROUTE	V115					(US)
EN ROUTE	V198-241					(US)
IAP	VOR/DME OR GPS RWY 30			K12J	BREWTON	AL (US)
IAP	ILS OR LOC RWY 6			KOZR	FORT RUCKER/OZARK	AL (US)
IAP	NDB RWY 6			KOZR	FORT RUCKER/OZARK	AL (US)
IAP	VOR RWY 24			KOZR	FORT RUCKER/OZARK	AL (US)
IAP	VOR RWY 6			KOZR	FORT RUCKER/OZARK	AL (US)
IAP	HI-ILS OR LOC RWY 10			KMGM	MONTGOMERY	AL (US)
IAP	HI-TACAN-A			KMGM	MONTGOMERY	AL (US)
IAP	ILS OR LOC RWY 17			KCEW	CRESTVIEW	FL (US)
IAP	RNAV (GPS) RWY 17			KCEW	CRESTVIEW	FL (US)
IAP	RNAV (GPS) RWY 35			KCEW	CRESTVIEW	FL (US)
IAP	VOR-A		1	KCEW	CRESTVIEW	FL (US)
IAP	NDB RWY 32			KDTS	DESTIN	FL (US)
IAP	RNAV (GPS) RWY 14			KDTS	DESTIN	FL (US)
IAP	RNAV (GPS) RWY 32			KDTS	DESTIN	FL (US)
STAR	LA GRANGE			KATL	ATLANTA	GA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 04/08/2010

REASON FOR REVISION:

QUALITY CHECKED

UPDATED FIX USE.
UPDATED MAX HOLDING ALTITUDE AND TEMPLATE.
UPDATED HOLDING OBSTACLE.
ADDED PRECIPITOUS REMARK.

DEVELOPED BY:	**DATE:** 07/16/2009	**OFFICE:** AVN-101	**NAME:** EUGENE NEWTON (DAVID DANNER)
APPROVED BY:	**DATE:** 02/09/2010	**OFFICE:** AVN-110	**NAME:** PETER GETZ
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: VPS APP CON
OTHER: PNS APP CON

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: MERIDIAN VORTAC **STATE:** MS **COUNTRY:** US

LATITUDE/LONGITUDE: 322242.43N/0884815.31W **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	FAC FEET	MRA	MAA
1	MERIDIAN	MEI	VORTAC	H							45000

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (28-000153)	321941.00N/0884131.00W	1049	2C

HOLDING RESTRICTIONS:
UNPLANNED HOLDING APPROVED AT OR ABOVE 2500.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BIRMINGHAM			KBHM	BIRMINGHAM	AL (US)
DP	JACKSON			KJAN	JACKSON	MS (US)
DP	MEMPHIS			KMEM	MEMPHIS	TN (US)
DP	DALLAS			KGKY	ARLINGTON	TX (US)
DP	WYLIE			KGKY	ARLINGTON	TX (US)
DP	DALLAS			KADS	DALLAS	TX (US)
DP	WYLIE			KADS	DALLAS	TX (US)
DP	BACHMAN			KDAL	DALLAS	TX (US)
DP	DALLAS			KDAL	DALLAS	TX (US)
DP	WYLIE			KDAL	DALLAS	TX (US)
DP	DALLAS			KRBD	DALLAS	TX (US)
DP	WYLIE			KRBD	DALLAS	TX (US)
DP	DALLAS			KDFW	DALLAS-FORT WORTH	TX (US)
DP	SOLDO RNAV			KDFW	DALLAS-FORT WORTH	TX (US)
DP	WYLIE			KDFW	DALLAS-FORT WORTH	TX (US)
DP	DALLAS			KDTO	DENTON	TX (US)
DP	DALLAS			KAFW	FORT WORTH	TX (US)
DP	WYLIE			KAFW	FORT WORTH	TX (US)
DP	DALLAS			KFTW	FORT WORTH	TX (US)
DP	WYLIE			KFTW	FORT WORTH	TX (US)
DP	DALLAS			KFWS	FORT WORTH	TX (US)
DP	DALLAS			KNFW	FORT WORTH	TX (US)
DP	DALLAS			KGPM	GRAND PRAIRIE	TX (US)
DP	DALLAS			KLNC	LANCASTER	TX (US)
DP	DALLAS			KTKI	MC KINNEY	TX (US)
DP	DALLAS			KHQZ	MESQUITE	TX (US)
EN ROUTE	J22					(US)
EN ROUTE	J239					(US)
EN ROUTE	J31					(US)
EN ROUTE	J4-20					(US)
EN ROUTE	V18					(US)
EN ROUTE	V194-543					(US)
EN ROUTE	V417					(US)
EN ROUTE	V455					(US)
EN ROUTE	V56					(US)
IAP	HI-ILS OR LOC RWY 10			KMGM	MONTGOMERY	AL (US)
IAP	HI-TACAN-A			KMGM	MONTGOMERY	AL (US)
IAP	ILS OR LOC RWY 1			KMEI	MERIDIAN	MS (US)
IAP	ILS OR LOC RWY 19			KMEI	MERIDIAN	MS (US)
IAP	RNAV (GPS) RWY 22			KMEI	MERIDIAN	MS (US)
IAP	VOR-A			KMEI	MERIDIAN	MS (US)
IAP	NDB RWY 18			KMPE	PHILADELPHIA	MS (US)
IAP	NDB RWY 36			KMPE	PHILADELPHIA	MS (US)
STAR	HONIE RNAV			KATL	ATLANTA	GA (US)
STAR	LA GRANGE			KATL	ATLANTA	GA (US)
STAR	RYTHM			KMSY	NEW ORLEANS	LA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11 **DATE OF REVISION:** 04/05/2012

QUALITY CHECKED

REASON FOR REVISION:
UPDATED FIX USE.
CHANGED UPN HOLDING OBSTRUCTION FROM 1049 (3C) TOWER (28-001246) TO 1049 (2C) TOWER(28-000153).

DEVELOPED BY:	**DATE:** 07/20/2011	**OFFICE:** AJV-353	**NAME:** JOSE ALFONSO (ANKUR VERMA)
APPROVED BY:	**DATE:**	**OFFICE:** AJV-353	**NAME:** GREGORY YAMAMOTO
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZME, ZTL
ATC FACILITY: MEI APP CON
OTHER:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: MONTGOMERY VORTAC **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 321320.22N/0861911.03W **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	FAC FEET	MRA	MAA
1	MONTGOMERY	MGM	VORTAC	H							45000

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SE	MGM	VORTAC	138.00	318.00	R	1-1 1/2		2000	45000	4	29

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	265	TOWER (01-000630)	315829.00N/0860944.00W	2467	5D
1	200	TOWER (01-001692)	320653.00N/0861151.00W	780	4D

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

REMARKS:
OBSTACLE 01-000630 LOCATED 3550' INTO SECONDARY.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BIRMINGHAM			KBHM	BIRMINGHAM	AL (US)
DP	GUMPY (RNAV)			KBHM	BIRMINGHAM	AL (US)
DP	JACKSON			KJAN	JACKSON	MS (US)
DP	CHATTANOOGA			KCHA	CHATTANOOGA	TN (US)
DP	MEMPHIS			KMEM	MEMPHIS	TN (US)
EN ROUTE	J20					(US)
EN ROUTE	J37					(US)
EN ROUTE	J39					(US)
EN ROUTE	J4					(US)
EN ROUTE	J40					(US)
EN ROUTE	J41					(US)
EN ROUTE	J590					(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	V56					(US)
EN ROUTE	V7					(US)
IAP	HI-ILS OR LOC RWY 10		1	KMGM	MONTGOMERY	AL (US)
IAP	HI-TACAN-A			KMGM	MONTGOMERY	AL (US)
IAP	ILS OR LOC RWY 10		1	KMGM	MONTGOMERY	AL (US)
IAP	ILS OR LOC RWY 28		1	KMGM	MONTGOMERY	AL (US)
IAP	NDB RWY 10		1	KMGM	MONTGOMERY	AL (US)
IAP	VOR-A		1	KMGM	MONTGOMERY	AL (US)
IAP	VOR/DME-A			K1A9	PRATTVILLE	AL (US)
IAP	ILS OR LOC RWY 33			KSEM	SELMA	AL (US)
IAP	ILS OR LOC RWY 7			KTOI	TROY	AL (US)
IAP	NDB RWY 7			KTOI	TROY	AL (US)
IAP	RNAV (GPS) RWY 13			K06A	TUSKEGEE	AL (US)
IAP	RNAV (GPS) RWY 31			K06A	TUSKEGEE	AL (US)
IAP	VOR-A			K08A	WETUMPKA	AL (US)
STAR	HONIE (RNAV)			KATL	ATLANTA	GA (US)
STAR	LA GRANGE			KATL	ATLANTA	GA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 05/05/2011

REASON FOR REVISION:
LOWERED PAT 1 MIN HOLDING ALT FROM 3000 TO 2000.

QUALITY CHECKED

DEVELOPED BY:	**DATE:** 10/08/2010	**OFFICE:** AVN-110	**NAME:** PETER GETZ (KYLE THOMPSON)
APPROVED BY:	**DATE:** 03/28/2011	**OFFICE:** AVN-110	**NAME:** DARRYEL ADAMS
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: ATL
ARTCC: ZTL
ATC FACILITY: MGM APP CON
OTHER: HQ ANG/C4AT

QUALITY CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: TUSKEGEE VOR/DME **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 322905.53N/0854009.55W **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	DIST FROM FAC FEET	MRA	MAA
1	TUSKEGEE	TGE	VOR/DME	L							17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SW	TGE	VOR/DME	235.00	055.00	R	1		2300	10000	4	9
2	N	TGE	VOR/DME	018.00	198.00	L	1		2300	10000	4	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	322748.84N/0853618.06W	939	2C
2	200	AAO	322748.84N/0853618.06W	939	2C

REASON FOR NONSTANDARD HOLDING:
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BIRMINGHAM THREE			KBHM	BIRMINGHAM	AL (US)
EN ROUTE	V159	1				(US)
EN ROUTE	V20-56	1				(US)
IAP	VOR/DME-A			KAUO	AUBURN	AL (US)
IAP	HI-ILS OR LOC RWY 10			KMGM	MONTGOMERY	AL (US)
IAP	HI-TACAN-A			KMGM	MONTGOMERY	AL (US)
IAP	ILS OR LOC RWY 10			KMGM	MONTGOMERY	AL (US)
IAP	ILS OR LOC RWY 28			KMGM	MONTGOMERY	AL (US)
IAP	VOR-A		2	K06A	TUSKEGEE	AL (US)
IAP	VOR-A			K08A	WETUMPKA	AL (US)
IAP	VOR RWY 13		1	KLGC	LAGRANGE	GA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
UPDATED HOLDING PATTERN OBSTACLES
CHANGED HOLDING PATTERN 1 INBOUNBD COURSE FROM 054.91
UPDATED FIX USE

DEVELOPED BY: **DATE:** 01/25/2012 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (BRIAN BERUBEE)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

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

QUALITY CHECKED