US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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
RIVME (IF/IAF)	SASGE (FB)	185.03 / 6.83	2400
SASGE (FAF)	MIRDE/2.50 NM TO RW18 (FB)	185.03 / 2.44	
MIRDE/2.50 NM TO RW18	RW18 (MAP) (FO)	185.03 / 2.50	
RW18 (MAP)	1120 MSL	185.03	
1120 MSL	HESEL (FO)		3000

MISSED APPROACH

LP: RW18
LNAV: RW18

CLIMB TO 3000 DIRECT HESEL AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 005.03 INBOUND.
CHART FAS OBST: 865 TREE 323724N/0852605W
CHART FAS OBST: 954 TOWER 323926N/0852526W
WAAS CHANNEL # 78029
REFERENCE PATH ID: W18A
SASGE TO RW18: 3.00/50.
LTP HAE: 208.3 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N RIVME, RT, 185.03 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 185.03 FAF: SASGE DIST FAF TO MAP: 4.94 THLD: 4.94
4. MIN. ALT: RIVME 3000, SASGE 2400, MIRDE/2.50 NM TO RW18 1620
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 4W EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	1120	1	343	1120	1	343	1120	1	343	1120	1	343			
LNAV MDA	1260	1	483	1260	1	483	1260	1 3/8	483	1260	1 3/8	483			
CIRCLING	1260	1	483	1260	1	483	1360	1 1/2	583	1360	2	583			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: CIRCLING TO RWY 11 NA AT NIGHT.
CHART NOTE: STRAIGHT IN/CIRCLING RWY 18 PROCEDURE NA AT NIGHT.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 777 THRE: 777	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
AUBURN, AL	AIRPORT NAME: AUBURN UNIVERSITY RGNL	RNAV	RNAV (GPS) RWY 18, AMDT 1	AMDT: ORIG-A
				DATED 05/05/2011

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

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] ZTL, ATL APP CON, APT MGR

FLIGHT CHECKED BY		
NAME: MARC JOHN HINCK	FIFO FIOG	DATE: 05/01/2012
DEVELOPED BY		
NAME: DONALD E. SMITH (BRIAN BERUBEE)	FIFO AJV-352	DATE: 02/10/2012
APPROVED BY		
NAME: DONALD E. SMITH MANAGER	FIFO AJV-352	DATE: 05/11/2012

CHANGES:

1. CHANGED FINAL COURSE FROM 184.03 TO 185.03
2. ADDED LP LINE OF MINIMA
3. CHANGED DIST FAF TO MAP FROM 4.69 TO 4.94
4. ADDED H-I-L AT PACIL
5. ADDED SDF AT 2.5 NM
6. RAISED LNAV MDA FROM 1240 TO 1260
7. RAISED CMDA CAT A/B FROM 1240 TO 1260
8. CHANGED MA FROM..."RIGHT TURN TO 3000 DIRECT...'
9. CHANGED INTERMEDIATE SEGMENT COURSE/DIST FROM 184.03/6.00 TO 185.03/6.83
10. DELETED TIMMY INITIAL
11. DELETED LGC V/TAC INITIAL SEGMENT
12. CHANGED TDZE TO THRE
13. ADDED TAA
14. DELETED RWY29 RESTRICTION

REASONS:

1. MAGVAR
2/4/8/10/11/13. FPT REQUEST
3. PFAF LOCATION
5. MAINTAIN LOWEST MINIMUMS
6/7. OBSTACLE STUDY
9. CRITERIA
12. SURVEY
14. 1 FT PENETRATION DETERMINED NOT A FACTOR USING QUAD AND GOOGLE EARTH

6/12/12: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 5/11/12:
1. CHANGED ALL REFERENCE TO MISSED APPROACH HOLDING FIX FROM RAZLO TO HESEL AND FIX FROM WOOFF TO RIVME.

PDF EDIT: TERMINAL ROUTE SASGE TO MIRDE/2.50 NM TO RW18 (FB) ADDED "(FAF)" TO "FROM" COLUMN AND DELETED 1620 FROM "ALTITUDE" COLUMN. TERMINAL ROUTE RW18/RW18 (MAP) TO 1120 MSL DELETED "/RW18" AND DELETED 1120 FROM "ALTITUDE" COLUMN. FROM LINE 7
DELETED 3.00 FROM "GS ANGLE" AND 50.0 FROM "TCH". 8260-9 PART B - SUPPLEMENTAL DATA #3 ADDED "/113" TO "ADJUSTMENTS" AND TO #8 DELETED 3.00 TO "GP ANGLE", 776.8 TO "ELEV RWY THRESHOLD" AND 50.0 TO "THRESHOLD CROSSING HEIGHT".

QUALITY CHECKED

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NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBUS METROPOLITAN ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET AND LP CAT C/D VISIBILITY TO 1 3/8 MILES, LNAV CAT C/D VISIBILITY TO 1 3/4 AND CIRCLING CAT C VISIBILITY TO 2 MILES AND CAT D TO 2 1/4.

TAA

	FROM	TO	ALT
1.	095/30 CW 275/30 (NOPT)	RIVME (IF/IAF) (FB)	3000
2.	275/30 CW 095/30	RIVME (IF/IAF) (FO)	3000

CITY AND STATE	ELEVATION: 777 THRE: 777	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AUBURN, AL	AIRPORT NAME: AUBURN UNIVERSITY RGNL	RNAV	RNAV (GPS) RWY 18, AMDT 1	AMDT: ORIG-A
				DATED: 05/05/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAUO
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	323712.7245N
LTP/FTP LONGITUDE	0852609.7285W
LTP/FTP ELLIPSOIDAL HEIGHT	+02083
FPAP LATITUDE	323543.4600N
FPAP LONGITUDE	0852611.6300W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1144
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	EDCDDE0E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02368
FPAP ORTHOMETRIC HEIGHT	+02368

QUALITY CHECKED

CITY AND STATE	ELEVATION: 777 THRE: 777	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AUBURN, AL	AIRPORT NAME: AUBURN UNIVERSITY RGNL	RNAV	RNAV (GPS) RWY 18, AMDT 1	AMDT: ORIG-A
				DATED: 05/05/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HESEL K70    W     N32233543W085262706                      W0038     NAR           HESEL
        SUSAEAENRT   MIRDE K70    W     N32394300W085260654                      W0038     NAR           MIRDE
        SUSAEAENRT   RIVME K70    W     N32490021W085255467                      W0038     NAR           RIVME
        SUSAEAENRT   SASGE K70    W     N32420966W085260342                      W0038     NAR           SASGE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUOK7AAUO     0     052YHN32365440W085260240W004000777         1800018000C    MNAR    AUBURN UNIVERSITY RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUOK7FR18   ARIVME 010RIVMEK7EA0EE AR   HF                      18500040    + 03000     18000                A JS
        SUSAP KAUOK7FR18   R      010RIVMEK7EA0E  I    IF                                  + 03000     18000                A JS
        SUSAP KAUOK7FR18   R      020SASGEK7EA1E  F 051TF                      18500068    + 02400                          A JS
        SUSAP KAUOK7FR18   R      020SASGEK7EA2WALP        N          ALNAV                                                  JS
        SUSAP KAUOK7FR18   R      021MIRDEK7EA0E S  031TF                      18500024    V 0162001623        -300         A JS
        SUSAP KAUOK7FR18   R      030RW18 K7PG0GY M 031TF                      18500025      00827             -300         A JS
        SUSAP KAUOK7FR18   R      040         0  M     CA                      1850        + 01120                          A JS
        SUSAP KAUOK7FR18   R      050HESELK7EA0EY      DF                                  + 03000                          A JS
        SUSAP KAUOK7FR18   R      060HESELK7EA0EE  R   HM                      00500040    + 03000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUOK7GRW18    0052641850 N32371272W085260973-0900    +020830077700005010 0R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUOK7PR18   RW18 001 0000W18A0N3237127245W08526097285+020830300N3235434600W085261163001067511440005 00F400000EDCDDE0E
        SUSAP KAUOK7PR18   RW18 002E      +02368+02368LP        78C29
```

CITY AND STATE	ELEVATION: 777 THRE: 777	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
AUBURN, AL	AIRPORT NAME: **AUBURN UNIVERSITY RGNL**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 1**	AMDT: **ORIG-A**
				DATED: **05/05/2011**

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RIVME	RIVME	010	IAF	HF	R	FO		185.0(181.0T)	004.0	AA 03000	
		RIVME	010	FACF	IF		FB				AA 03000	
		SASGE	020	FAF	TF		FB	0.5	185.0(181.0T)	006.8	AA 02400	
		MIRDE	021	SDF	TF		FB	0.3	185.0(181.0T)	002.4	AA 01620 GS 01623	
		RW18	030	MAP	TF		FO	0.3	185.0(181.0T)	002.5	AT 00827	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		185.0(181.0T)		AA 01120	
	HESEL	050		DF		FO				AA 03000	
	HESEL	060		HM	R	FO		005.0(001.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HESEL	N322335.43	W0852627.06	N3223.591	W08526.451
	MIRDE	N323943.00	W0852606.54	N3239.717	W08526.109
	RIVME	N324900.21	W0852554.67	N3249.004	W08525.911
	SASGE	N324209.66	W0852603.42	N3242.161	W08526.057
	RW18	N323712.72	W0852609.73	N3237.212	W08526.162

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00777	50

QUALITY CHECKED

CITY AND STATE	ELEVATION: 777 THRE: 777	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
AUBURN, AL	AIRPORT NAME: **AUBURN UNIVERSITY RGNL**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 1**	AMDT: **ORIG-A**
				DATED: **05/05/2011**

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
STRAIGHT-IN AREA	095/30 CW 275/30	RIVME	1. TOWER (01-000983)	324529.00N/0852822.00W	1840 (3C)	1000	AT160	3000
			2. TERRAIN	332039.00N/0851906.00W	1437 (1400)		AS1500	2900
STRAIGHT-IN AREA	275/30 CW 095/30	RIVME	1. TOWER (01-000983)	324529.00N/0852822.00W	1840 (3C)	1000	AT160	3000
			3. TERRAIN	324624.00N/0844812.00W	1221 (1200)		AS1500	2700
INTERMEDIATE	RIVME (IF/IAF)	SASGE	1. TOWER (01-000983)	324529.00N/0852822.00W	1840 (3C)	500		2400
			4. TERRAIN	324809.00N/0852742.00W	893 (900)		AS1500	2400
FINAL: LP	SASGE	MIRDE/2.50 NM TO	5. AAO	324142.00N/0852636.00W	1039 (2C)	250	DG331	1620
		RW18						
FINAL: LP STEPDOWN	MIRDE/2.50 NM TO	RW18	6. TREE (KAUOT103)	323724.27N/0852605.32W	865 (2C)	250		1120
	RW18							
FINAL: LNAV	SASGE	MIRDE/2.50 NM TO	7. AAO	324227.00N/0852715.00W	1059 (2C)	250	DG311	1620
		RW18						
FINAL: LNAV STEPDOWN	MIRDE/2.50 NM TO	RW18	8. TOWER (01-001874)	323926.00N/0852526.00W	954 (4D)	250	AC50	1260
	RW18							
2. HOLD-IN-LIEU-OF-PT	RIVME	P-5	1. TOWER (01-000983)	324529.00N/0852822.00W	1840 (3C)	1000	AT160	3000
			9. TERRAIN	324901.60N/0852224.10W	930 (900)		AS1500	2400
3. MISSED APPROACH — MAP:	RW18 / RW18	HESEL				ASC		3000
			10. AAO	323241.73N/0852501.84W	928 (2C)	1000		2000
ELEV:	1020/1160		11. TERRAIN	323715.00N/0852603.00W	781 (800)		AS1500	2300

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	483	12. TREE	323720.00N/0852448.00W	919 (2C)	300	SI	1260
CATEGORY B	1.5 NM	450	483	13. TOWER (01-003019)	323628.66N/0852352.13W	938 (1A)	300	SI	1260
CATEGORY C	1.7 NM	450	583	14. TOWER (01-000053)	323813.00N/0852423.00W	1051 (1A)	300		1360
CATEGORY D	2.3 NM	550	583	14. TOWER (01-000053)	323813.00N/0852423.00W	1051 (1A)	300		1360
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
AUBURN, AL	ELEVATION: 777 AIRPORT NAME: AUBURN UNIVERSITY RGNL	RNAV	RNAV (GPS) RWY 18, AMDT 1	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ATL APP CON ZTL ARTCC		N W S	OTHER: AWOS-3	SOURCE: KAUO
		F A A		DISTANCE:
		A / C		HOURS REMOTE OPERATION: 24 / 24
SATISFACTORY ON: X V H F X U H F H F	LOCATION: KAUO			ADJUSTMENT: 0/113

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

5. APPROACH & RUNWAY LIGHTING	
	ALS
	(S) SALS
X	MALSF 36 (PCL)
X	HIRL 18 (PCL), 36 (PCL)
X	MIRL 11 (PCL), 29 (PCL)
	REIL
	TDZ
	C/LINE
X	OTHER (SPECIFY) PAPI-4L 36, 29 (PCL)

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 18, 36
	INSTRUMENT	NPI-G 11, 29
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			
	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: DONALD E. SMITH (BRIAN BERUBEE)	DATE: 02/10/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - 20:1 SURFACE PENETRATED.

PARA 251, 20:1 PENETRATION.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

RASS PRESSURE PATTERNS SAME
KAUO 777, KCSG 398
RA = 113.
SEE ATTACHED AIRSPACE LETTER.

100' VEGETATION APPLIED UNLESS OTHERWISE NOTED

KAUO AWOS ON SVC A
KCSG ASOS ON SVC A

OBST # 12/AC FROM PREVIOUS AMDT

RASS ADJUSTMENT ROUNDED UP TO 120 FT AND PUBLISHED BY NOTE

LPV/VNAV NOT DEVELOPED DUE TO GQS PENETRATIONS

TERPS VOL 1, VISUAL PORTION OF FINAL PENETRATION
20:1
847 TREE (KAUOT110) 323720.17N/0852604.11W (42.14)
865 TREE (KAUOT103) 323724.27N/0852605.32W (39.53)
821 TREE (KAUOT125) 323716.09N/0852613.84W (37.50)
853 TREE (KAUOT044) 323723.68N/0852604.27W (30.43)
862 TREE (KAUOT160) 323725.75N/0852604.27W (28.97)
853 TREE (KAUOT159) 323724.43N/0852603.33W (26.57)
855 TREE (KAUOT197) 323725.14N/0852604.12W (25.04)
809 TREE (KAUOT148) 323716.40N/0852612.68W (23.84)
829 TREE (KAUOT193) 323720.29N/0852605.79W (23.67)
827 TREE (KAUOT157) 323721.02N/0852606.88W (18.06)
851 TREE (KAUOT161) 323725.90N/0852605.83W (17.34)
842 TREE (KAUOT163) 323724.72N/0852606.54W (14.35)
820 TREE (KAUOT128) 323721.35N/0852614.14W (9.95)
848 TREE (KAUOT136) 323727.51N/0852611.31W (6.62)
843 TREE (KAUOT166) 323726.61N/0852610.42W (6.10)
848 TREE (KAUOT194) 323727.56N/0852606.03W (5.97)
807 TREE (KAUOT129) 323719.80N/0852612.11W (4.63)
845 TREE (KAUOT162) 323727.29N/0852607.52W (4.45)
800 TREE (KAUOT126) 323718.81N/0852614.40W (2.80)
785 ANT (KAUOT135) 323716.20N/0852606.67W (0.39)
843 TREE (KAUOT172) 323727.67N/0852604.72W (0.31)
34:1
848 TREE (KAUOT171) 323728.93N/0852605.92W (28.75)
843 TREE (KAUOT173) 323729.70N/0852604.33W (21.39)
829 TREE (KAUOT165) 323725.29N/0852609.96W (20.75)
847 TREE (KAUOT189) 323731.76N/0852605.39W (19.32)
838 TREE (KAUOT174) 323729.58N/0852607.11W (16.88)
838 TREE (KAUOT118) 323730.43N/0852613.13W (14.62)
839 TREE (KAUOT188) 323730.83N/0852605.51W (14.13)
821 TREE (KAUOT130) 323724.94N/0852614.40W (13.99)
836 TREE (KAUOT167) 323730.34N/0852610.91W (12.79)
837 TREE (KAUOT168) 323731.01N/0852611.93W (11.84)
821 TREE (KAUOT133) 323725.80N/0852611.66W (11.31)
814 TREE (KAUOT137) 323723.79N/0852610.16W (10.21)
806 TREE (KAUOT131) 323721.53N/0852611.21W (8.98)
817 TREE (KAUOT198) 323725.61N/0852613.68W (7.97)
802 TREE (KAUOT134) 323720.83N/0852609.04W (6.96)
806 TREE (KAUOT164) 323722.70N/0852609.77W (5.43)
825 TREE (KAUOT132) 323729.21N/0852614.40W (5.30)
803 TREE (KAUOT169) 323722.16N/0852612.25W (4.15)
CONT.

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.

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
AUBURN, AL	**ELEVATION: 777** AIRPORT NAME: **AUBURN UNIVERSITY RGNL**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 1**	**ASO**

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
SATISFACTORY ON:	N W S / F A A / A / C / OTHER:	SOURCE: / DISTANCE: / 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:

CONTINUED.
838 TREE (KAUOT187) 323733.89N/0852603.87W (3.92)
830 TREE (KAUOT175) 323731.85N/0852612.48W (2.37)
793 POLE (KAUOT139) 323719.38N/0852607.21W (2.18)
828 TREE (KAUOT195) 323731.72N/0852614.14W (0.84)
780 LOC OL (KAUOT119) 323715.75N/0852609.93W (0.09)

RWY11
20:1
847 TREE (KAUOT099) 323712.06N/0852629.68W (17.62)
847 TREE (KAUOT061) 323711.63N/0852630.14W (16.39)
844 TREE (KAUOT025) 323712.87N/0852630.52W (9.98)
804 TREE (KAUOT024) 323710.44N/0852622.83W (5.01)
789 TREE (KAUOT037) 323712.91N/0852619.03W (1.81)
827 TREE (KAUOT026) 323713.66N/0852618.46W (0.20)
FPT NOTIFIED OF PENETRATIONS

RADIO FIX AND HOLDING DATA RECORD

NAME: HESEL **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 322335.43N/0852627.06W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

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	S		WP	185.03	005.03	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	322806.00N/0852330.00W	794	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
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: ORIG **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
06/13/2012. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/11/2012.
FIX NAME CHANGED FROM RAZLO TO HESEL.
ADDED KAUO RNAV (GPS) RWY 18 TO FIX USE.

DEVELOPED BY: **DATE:** 01/23/2012 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (BRIAN BERUBEE)

APPROVED BY: **DATE:** 05/11/2012 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MIRDE **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 323943.00N/0852606.54W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18			KAUO	AUBURN	AL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 01/24/2012 **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 5 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RAZLO **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 322335.43N/0852627.06W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

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	S		WP	185.03	005.03	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	322806.00N/0852330.00W	794	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 11		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: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 01/23/2012 **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 5 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RIVME **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 324900.21N/0852554.67W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

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		WP	005.03	185.03	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (01-000983)	324529.00N/0852822.00W	1840	3C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLIED PATTERN

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18		1	KAUO	AUBURN	AL (US)
IAP	RNAV (GPS) RWY 29		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: ORIG **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
06/13/2012. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/11/2012.
CHANGED FIX NAME FROM WOOFF TO RIVME.
ADDED REMARK "PRECIPITOUS TERRAIN EVALUATION COMPLETE.

DEVELOPED BY: **DATE:** 03/16/2012 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (BRIAN BERUBEE)

APPROVED BY: **DATE:** 05/11/2012 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SASGE **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 324209.66N/0852603.42W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18			KAUO	AUBURN	AL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
REPOSITIONED FIX 1516 FT NORTH
DELETED FAC 1 AND ASSOCIATED DATA
UPDATED FIX USE

DEVELOPED BY: **DATE:** 01/24/2012 **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 5 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **AUBURN** STATE: **AL**

AIRPORT NAME: **AUBURN UNIVERSITY RGNL** ID: **KAUO**

PROCEDURE: **RNAV (GPS) RWY 18** AMDT: **AMDT 1**

DOCKET # :
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **2.94**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **181.03**
4. High Terrain in **FINAL** segment containing 1000' point **821**
5. Distance from **THLD** to 1500' point **4.74**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.70**
7. True Course of **FINAL** segment containing 1500' point **181.03**
8. High Terrain in **FINAL** segment containing 1500' point **821**
9. Threshold Coordinates (if straight-in) ... **323712.72N** / **0852609.73W**
10. ARP Coordinates ..... **323654.40N** / **0852602.40W**
11. Runway Approach End and distance furthest from ARP.....RWY **36**
    Distance **.57** NM
12. FAF Coordinates ..... **324209.66N** / **0852603.42W**
    (Click to Select)

REMARKS: Approach/Drawing attached.
WOOFF: 324900.21N/0852554.68W
TAA UTILIZES 30 NM RADIUS. LEFT AND RIGHT BASE AREAS NOT USED

RADIO FIX AND HOLDING DATA RECORD

NAME: PACIL **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 324755.39N/0852556.06W **TYPE:** WP

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	DIST FROM FAC FEET	MRA	MAA
1	KAUO R18					001.03	10.69				17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18			KAUO	AUBURN	AL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 03/16/2012 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (BRIAN BERUBEE)

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

SIGNATURE:

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

CANCELLED

QUALITY 5 CHECKED

Federal Aviation Administration

Memorandum

Date:

To: Dick Powell Manager, National Flight Data Center, AJV-21

From: Darryel Adams, Manager, Terminal Procedures & Charting Services, Eastern Team, AJV-352

Subject: **ACTION:** Magnetic Variation Change

CONCURRENCES
ROUTING SYMBOL AJV-34 SBaker
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-352 Lead
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-352 DAdams
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-341 PGetz
INITIALS/SIG
DATE
ROUTING SYMBOL
INITIALS/SIG
DATE
ROUTING SYMBOL
INITIALS/SIG
DATE
ROUTING SYMBOL
INITIALS/SIG
DATE
ROUTING SYMBOL
INITIALS/SIG
DATE
ROUTING SYMBOL
INITIALS/SIG
DATE

The Magnetic Variation (MV) data for the airport(s) and/or facility(s) listed under the 'Airport/Facility" column will be revised effective concurrent with the publication of the procedure(s) listed below.

ILS or LOC RWY 36, AMDT 2
RNAV (GPS) RWY 11, AMDT 1
RNAV (GPS) RWY 18, AMDT 1
RNAV (GPS) RWY 29, AMDT 1
RNAV (GPS) RWY 36, AMDT 2

Estimated Chart Date: 07/26/2012

Runway Numbers are not affected.

Please publish these changes in the National Flight Data Digest.

Alabama

Location	Name	Airport /Facility	Identifier	Assigned Magnetic Variation Value	Epoch Year
Auburn	Auburn University Rgnl	Airport	KAUO / AUO	Old 4 ° West New 4 ° West	2015
Auburn		ILS	AUO	Old 3 ° West New 4 ° West	2015

If you have any questions please notify Darryel Adams, darryel.d.adams@faa.gov (301) 427-4824

cc: ATL-FPT, AVJ-3rf
AJV-352:DAdams :sbj::x7537:09/04/20122:(U:\AVN100\100Public\MAGVAR\MAGVAR Letters 2012\MV Change Request for Auburn University Rgnl, Auburn, AL (AUO)