Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 04/27/2010	Task #: 2010042724899301007	Request #: 20100427248993
Procedure: VOR RWY 29 AMDT 11		Airport ID: KAUO	Airport: AUBURN UNIVERSITY RGNL		Reimbursable #:
City: AUBURN	ST: AL	GPS #:		Estimated Chart Date: 07/26/2012	FICO #:
Fac ID: CSG	Fac. Type: VORTAC	Specialist: DONALD SMITH(Contractor)			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	01/05/2012	04/09/2012	DONALD SMITH	
QA:	04/09/2012	04/09/2012	STEVEN SZUKALA	
Liaison:	04/09/2012		Alfonso	

Procedure Comments: **Remark Type:** INFORMATION

pg 6 of 8

AUBURN, AL AUBURN UNIVERSITY REGIONAL (KAUO) VOR RWY 29, AMDT 11 ENROUTE-NO FC: 6.12.12 PUB: 7.26.12

ATTACHED FORMS: 8260-5; 8260-10; 8260-9; 8260-2(S): FACEN-INT, REV 4; LAGRANGE (LGC) VTAC, REV 10; SALEN-INT, REV 4; (INFO ONLY) COLUMBUS (CSG) VTAC, REV 9.

CONTACT: DON SMITH, AJV-352 LEAD, 405.954.1036:

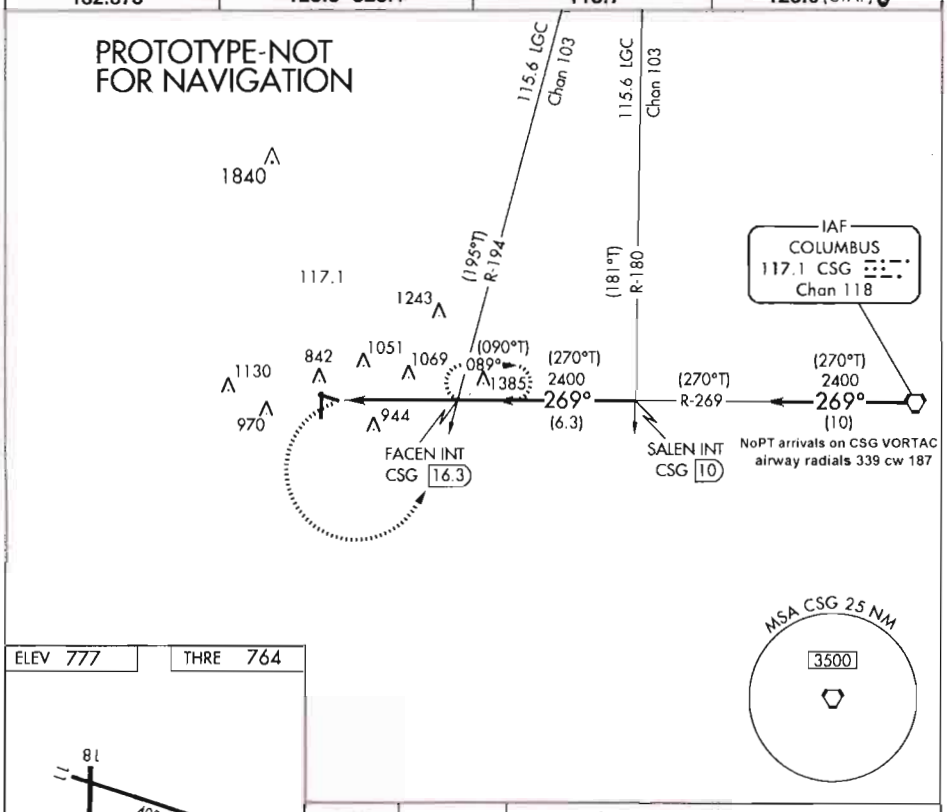
VOR RWY 29
AUBURN UNIVERSITY RGNL (AUO)

VORTAC CSG	APP CRS	Rwy ldg	3703
117.1	269°	THRE	764
Chan 118		Apt Elev	777

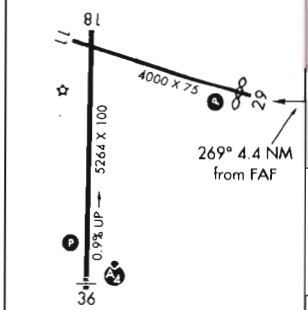
Circling to Rwy 11 and Rwy 18 NA at night.
When VGSI inop, Straight In/Circling Rwy 11 NA at night. When local altimeter setting not received, use Columbus Metropolitan altimeter setting and increase all MDA 120 feet. Increase S-29 Cats C/D visibility to 1⅞ miles and increase Circling Cat C visibility to 2 miles and Cat D visibility to 2¼ miles.

MISSED APPROACH: Climbing left turn to 2400 on CSG VORTAC R-269 to FACEN INT/16.3 DME and hold, continue climb-in-hold to 2400.

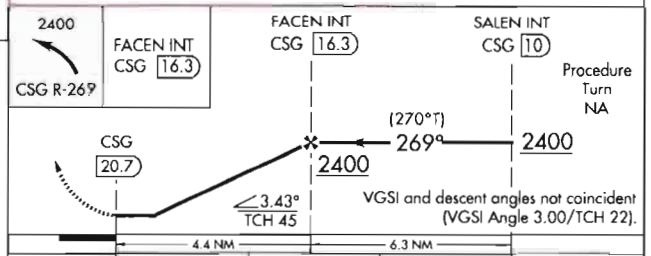
AWOS-3	ATLANTA APP CON ★	ATLANTA CLNC DEL	UNICOM
132.575	125.5 323.1	118.7	123.0 (CTAF)



ELEV 777 THRE 764



HIRL Rwy 18-36
MIRL Rwy 11-29

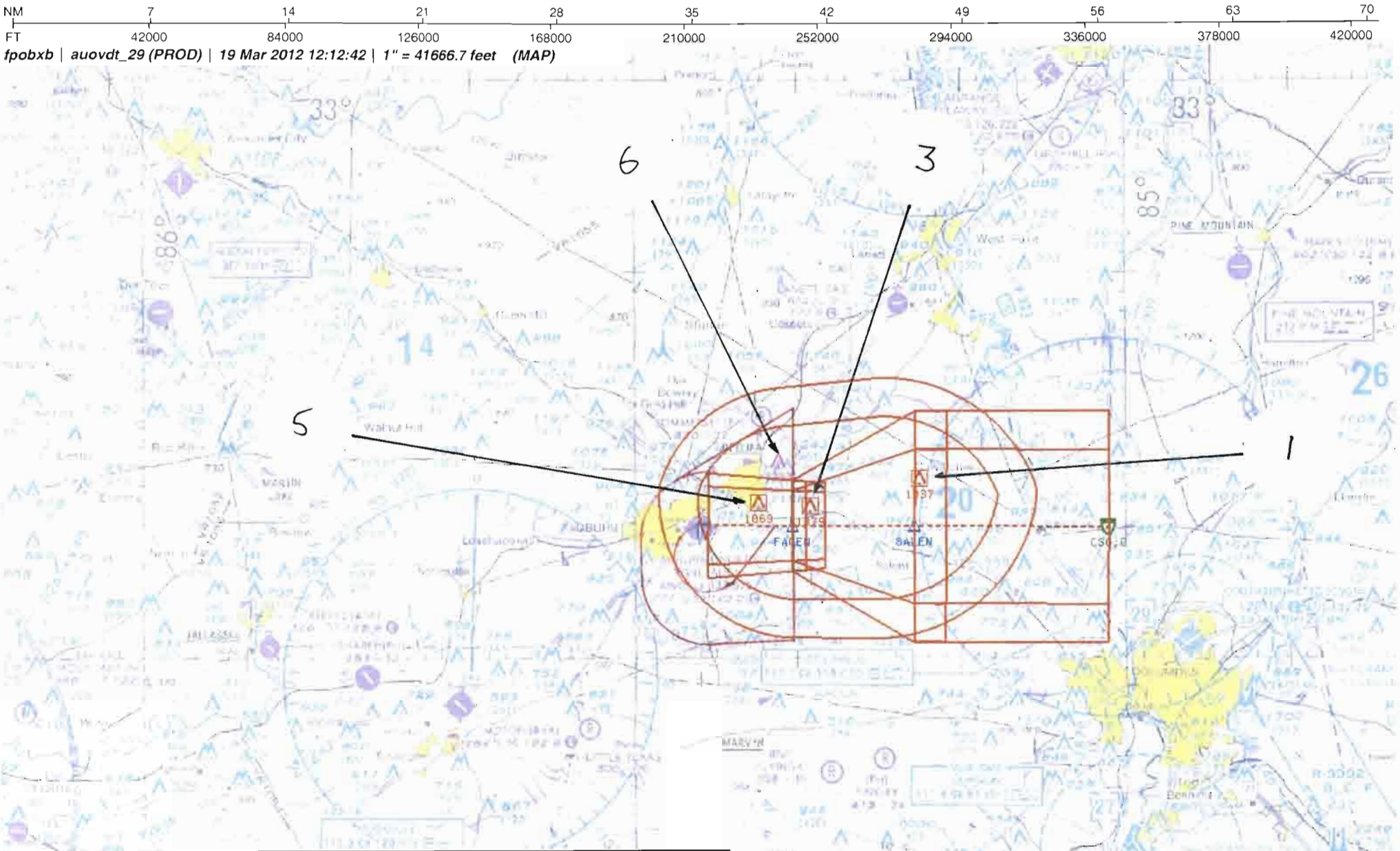


FAF to MAP 4.4 NM					
Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

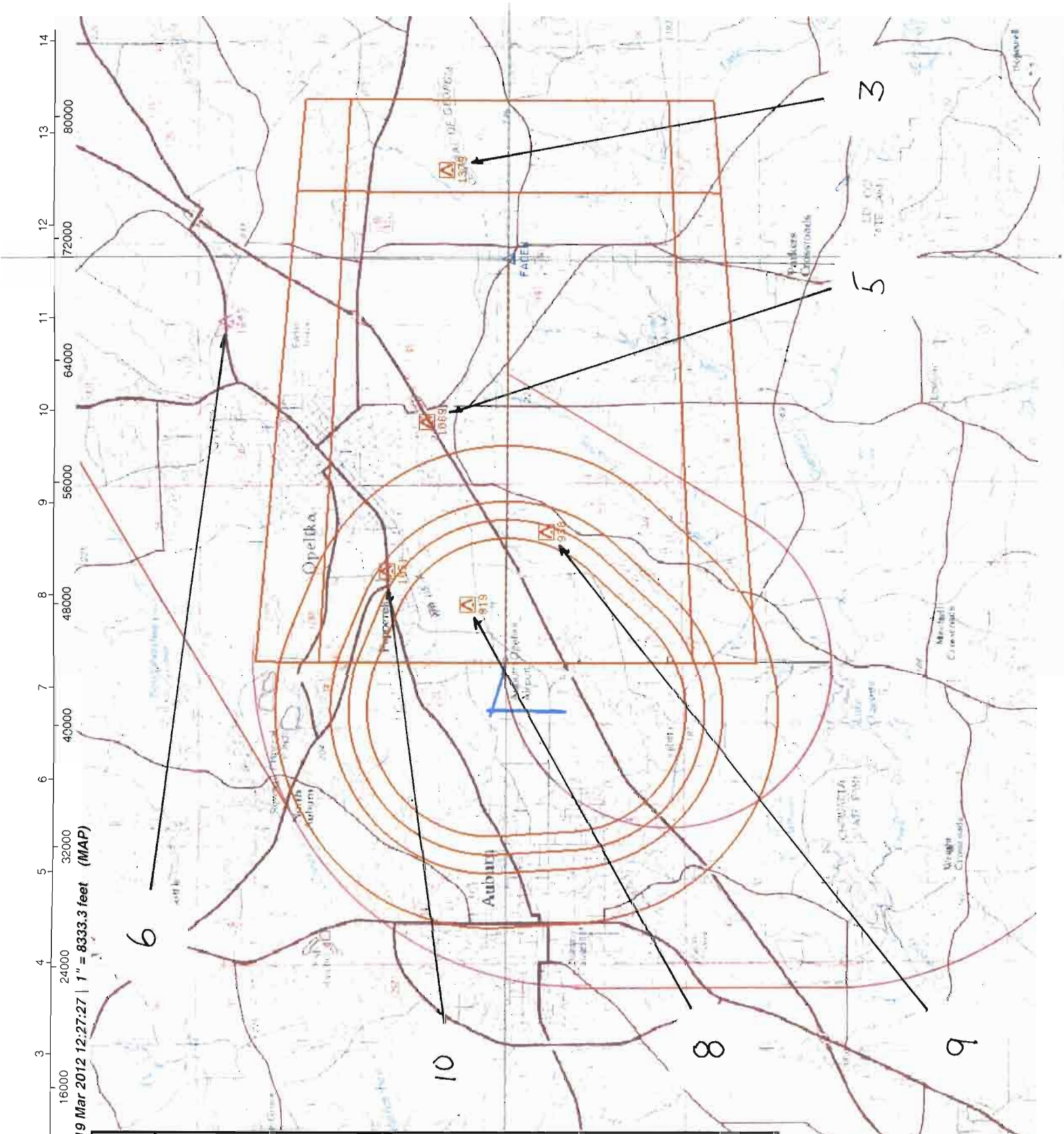
CATEGORY	A	B	C	D
S-29	1320-1	556 (600-1)	1320-1⅝	556 (600-1⅝)
CIRCLING	1320-1 543 (600-1)	1320-1¼ 543 (600-1¼)	1360-1⅝ 583 (600-1⅝)	1360-2 583 (600-2)

32°37′N-85°26′W

AUBURN UNIVERSITY RGNL (AUO)
VOR RWY 29



Airport ID:	KAUO	FM 9			
Apt Name:	AUBURN UNIVERSITY RGNL	No	SEGMENT	OBSTRUCTION	ELEV
City:	AUBURN	1	INITIAL	AAO	1037
State:	ALABAMA	3	INTERMEDIATE	TOWER	1379
Proc ID:	VOR	3	289 OBST	TOWER	1379
Amdt #:	AMDT 11	5	FINAL	TOWER	1069
Rwy:	RWY 29	6	MISSED	TOWER	1243
Scale:	1:500,000	3	HOLDING	TOWER	1379



Airport ID:	KAUO				
Apt Name:	AUBURN UNIVERSITY RGNL	No	SEGMENT	OBSTRUCTION	ELEV
City:	AUBURN	3	289 OBST	TOWER	1379
State:	ALABAMA	5	FINAL	TOWER	1069
Proc ID:	VOR	6	MISSED	TOWER	1243
Amdt #:	AMDT 11	8	CAT A CIRCLE	TREE	919
Rwy:	RWY 29	9	CAT B CIRCLE	TOWER	938
Scale:	1:100,000	10	CAT D CIRCLE	TOWER	1051

tpobxb | auovdt_29 (PROD) | 19 Mar 2012 12:27:27 | 1" = 8333.3 feet (MAP)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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
CSG VORTAC (IAF)	SALEN INT/ 10.00 DME	269.33 / 10.00	2400
SALEN INT/ 10.00 DME (IF)	FACEN INT/ 16.32 DME	269.33 / 6.32 (CSG R-269)	2400

MISSED APPROACH

MAP: 4.37 MILES AFTER FACEN INT/16.32 DME OR AT CSG 20.69 DME FIX

CLIMBING LEFT TURN TO 2400 ON CSG VORTAC R-269 TO FACEN INT/16.32 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2400.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 269.33 INBOUND.
CHART FAS OBST: 1069 TOWER 323747N/0852228W
FACEN TO RW29: 3.43/45.
CHART: 1379 TOWER 323735N/0851914W

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT SALEN
3. FAC 269.33 FAF FACEN INT/ 16.32 DME DIST FAF TO MAP 4.37 THLD 4.37
4. MIN. ALT SALEN 2400, FACEN 2400
8. MSA FROM: CSG VORTAC 3500

MAG VAR: 1E EPOCH YEAR:1965

MINIMUMS

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

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
S-29	1320	1	556	1320	1	556	1320	1 5/8	556	1320	1 5/8	556			
CIRCLING	1320	1	543	1320	1 1/4	543	1360	1 5/8	583	1360	2	583			

NOTES:

CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON CSG VORTAC AIRWAY RADIALS 339 CW 187.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: CIRCLING TO RWY 11 AND RWY 18 NA AT NIGHT
CHART NOTE: WHEN VGSI INOP, STRAIGHT IN/CIRCLING RWY 11 NA AT NIGHT
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 777 THRE: 764	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
AUBURN, AL	AIRPORT NAME: AUBURN UNIVERSITY RGNL	CSG	VOR RWY 29, AMDT 11	AMDT 10
				DATE 01/18/2007

FAA FORM 8260-5 / April 2006 (computer generated)

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, AMGR**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME: **DONALD E. SMITH (BRIAN BERUBEE)**	FIFO **AJV-352**	DATE: **02/10/2012**

APPROVED BY		
NAME: **DARRYEL ADAMS** **MANAGER**	FIFO **AJV-352**	DATE:

CHANGES:

1. CHANGED AIRPORT NAME FROM AUBURN-OPELIKA ROBERT G PITTS TO AUBURN UNIVERSITY RGNL
2. CHANGED FINAL COURSE FROM 269.26 TO 269.33
3. CHANGED DIST FAF TO MAP FROM 4.42 TO 4.37
4. CHANGED INTERMEDIATE COURSE/DIST FROM 269.26/6.27 TO 269.33/6.32
5. CHANGED MISSED APPROACH HOLDING COURSE FROM 269.26 TO 269.33
6. CHANGED DESCENT ANGLE FROM FACEN TO MAP FROM 3.40/40 TO 3.43/45
7. CHANGED INITIAL COURSE FROM 269.26 TO 269.33
8. LOWERED S-29 CAT B VISIBILITY FROM 1 1/4 TO 1 AND CAT D FROM 1 3/4 TO 1 5/8
9. RAISED S-29 CAT C VISIBILITY FROM 1 1/2 TO 1 5/8
10. RAISED CIRCLING CAT C VISIBILITY FROM 1 1/2 TO 1 5/8
11. ADDED C-I-H TO MISSED APPROACH
12. CHANGED TDZE TO THRE
13. ADDED ALTERNATE WEATHER MINIMUMS

REASONS:

1. AVNIS
2. OPTIMIZATION
3. TO MAINTAIN CURRENT MDA CONSIDERING FIX ERROR AND 7:1 SLOPE
4. CONSISTENT WITH FAF REPOSITION
5/7. CONSISTENT WITH FINAL COURSE CHANGE
6/8/9/10. RECALCULATION AND REVISED VISIBILITY TABLES
11. CRITERIA
12. USED THRE IN LIEU OF TDZE
13. PROCEDURE QUALIFIES FOR ALT MINS

QUALITY 5 CHECKED

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBUS METROPOLITAN ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET. INCREASE S-29 CATS C/D VISIBILITY TO 1 7/8 MILES AND INCREASE CAT C VISIBILITY TO 2 MILES AND CAT D VISIBILITY TO 2 1/4 MILES.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 777 THRE: 764	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AUBURN, AL	AIRPORT NAME: AUBURN UNIVERSITY RGNL	CSG	VOR RWY 29, AMDT 11	AMDT: 10
				DATED: 01/18/2007

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:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INITIAL	CSG VORTAC	SALEN INT/ 10.00	1. AAO	323903.00N/0851233.00W	1037 (4E)	1000	AT363	2400
		DME	2. TERRAIN	323903.00N/0851233.00W	837 (800)		AS1500	2300
INTERMEDIATE	SALEN INT/ 10.00	FACEN INT/ 16.32	3. TOWER (01-001143)	323734.61N/0851914.47W	1379 (5D)	500		1900
	DME	DME	4. TERRAIN	323836.00N/0851420.00W	931 (900)		AS1500	2400
FINAL	FACEN INT/ 16.32	4.37 MILES AFTER	5. TOWER (01-002081)	323747.00N/0852228.00W	1069 (2C)	250		1320
	DME	FACEN INT/16.32						
		DME OR AT CSG						
		20.69 DME FIX						
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	4.37 MILES AFTER	FACEN INT/16.32				ASC		2400
	FACEN INT/16.32	DME	6. TOWER (01-001279)	323959.00N/0852111.00W	1243 (5D)	1000		2300
ELEV:	1070		7. TERRAIN	324203.00N/0852136.00W	863 (900)		AS1500	2400
8. TREE				323720.00N/0852448.00W	919 (2C)	300	SI	1320
9. TOWER (01-003019)				323628.66N/0852352.13W	938 (1A)	300	SI	1320
10. TOWER (01-000053)				323813.00N/0852423.00W	1051 (1A)	300		1360
10. TOWER (01-000053)				323813.00N/0852423.00W	1051 (1A)	300		1360

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	543
CATEGORY B	1.5 NM	450	543
CATEGORY C	1.7 NM	450	583
CATEGORY D	2.3 NM	550	583
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: CSG VORTAC

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (13-000070)	047/ 21.4	2403 (2E)	3500					

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
AUBURN, AL	ELEVATION: 777 AIRPORT NAME: AUBURN UNIVERSITY RGNL	CSG	VOR RWY 29, AMDT 11	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ZTL ARTCC ATL APP CON ANB FSS		N W S	OTHER: AWOS-3	SOURCE: KAUO / KCSG
				DISTANCE: 0 / 25.79
		F A A		HOURS REMOTE OPERATION:
SATISFACTORY ON:		A / C		24 / 24
X V H F X U H F H F	LOCATION: KAUO			ADJUSTMENT: 0 / 113

4. MONITOR STATUS	PRIMARY NAVAID: CSG VORTAC		
	MONITOR POINT: AOCC		
	HRS OPTN:	CAT 1	24
		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 - FIX ERROR EXCEEDS .5 NM.

THRESHOLD DISPLACED 297.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

RASS PRESSURE PATTERNS SAME
KAUO 777, KCSG 389
RA = 112.44.
SEE ATTACHED AIRSPACE LETTER.

TERPS PARAGRAPH 289 APPLIED TO 1379 TOWER
323735N/0851914W

100 FT VEGETATION APPLIED UNLESS OTHERWISE NOTED

KAUO AWOS ON SVC A
KCSG ASOS ON SVC A

RASS ADJUSTMENT ROUNDED UP TO 120 FEET AND PUBLISHED BY NOTE

OBSTACLE #8/AC RETAINED FROM PREVIOUS AMDT

TERPS VOL 1, VISUAL PORTION OFN FINAL PENETRATIONS
RW11: 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/0852628.46W (0.20)
RW18: 20:1
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)
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)

FPT NOTIFIED OF PENETRATIONS

QUALITY 5 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FACEN **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 323659.07N/0852022.77W **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	DIST FROM FAC FEET	MRA	MAA
1	COLUMBUS	CSG	VORTAC	L	269.33	270.33	16.32	16.32	99162	2400	14000
2	LAGRANGE	LGC	VORTAC	H	193.63	194.63		26.78		2400	14000

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	E	CSG	VORTAC	269.33	269.33	R	1		2400	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (01-001143)	323734.61N/0851914.47W	1379	5D
1	310	TOWER (01-001143)	323734.61N/0851914.47W	1379	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR RWY 29	KAUO	AUBURN	AL (US)

REMARKS:
COLUMBUS (FAC 1) AND LAGRANGE (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR RWY 29	1, 2	1	KAUO	AUBURN	AL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
REPOSITIONED FIX 328 FT WEST
FAC 1 BRG CHANGED FROM 269.26 TO 270.33
FAC 2 BRG CHANGED FROM 194.52 TO 193.63
CHANGED DIST FROM FAC 1 FROM 16.27 TO 16.32
ADDED DIST FROM FAC 2
CHANGED HOLDING PATTERN INBOUND COURSE FROM 269.26 TO 269.33
RAISED MAX HOLDING ALTITUDE FROM 4000 TO 6000
CHANGED HOLDING TEMPLATES FROM 4/4 TO 5/6
ADDED CLIMB-IN-HOLD DATA
UPDATED CHART REQUIREMENTS
UPDATED FIX USE

DEVELOPED BY: **DATE:** 01/30/2012 **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: LAGRANGE VORTAC **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 330256.83N/0851222.40W **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	LAGRANGE	LGC	VORTAC	H							45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
LGC	VORTAC	R-190	51	2600	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	LGC	VORTAC	228.03	048.03	R	1-1 1/2		5000	45000	5	29
2	W	LGC	VORTAC	288.12	108.12	R	1		2400	6000	4	5
3	SW		WP	230.85	050.85	R		15	5000	45000	28	31

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (13-000779)	325951.00N/0850818.00W	1268	5E
2	200	TOWER (01-001397)	330239.00N/0852015.00W	1355	5E
3	200	TOWER (13-002691)	330505.00N/0844612.00W	2480	5E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 3 EVALUATED FOR MIN TEMPLATE 28 TO CONTAIN 15 NM LEG PER ATC REQUEST.
CHART PAT 3 HOLD 15 NM LEGS PER ATC REQUEST.

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	TALLADEGA (RNAV)			KBHM	BIRMINGHAM	AL (US)
DP	TITAN (OBSTACLE)			KBNA	NASHVILLE	TN (US)
EN ROUTE	J73					(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 (ALT MISSED)		2	KAUO	AUBURN	AL (US)
IAP	VOR RWY 29			KAUO	AUBURN	AL (US)
IAP	ILS OR LOC RWY 10			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 28			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 10 (CAT II) (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 10 (CAT III) (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 10 (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 28 (CAT II) (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 28 (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS RWY 10 (CAT II)			KATL	ATLANTA	GA (US)
IAP	ILS RWY 10 (CAT III)			KATL	ATLANTA	GA (US)
IAP	ILS RWY 10 (SA CAT I)			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	VOR/DME-A			KCCO	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 31			KFFC	ATLANTA	GA (US)
IAP	ILS RWY 8			KFTY	ATLANTA	GA (US)
IAP	ILS OR LOC/DME RWY 31			KPUJ	ATLANTA	GA (US)
IAP	ILS OR LOC/NDB RWY 35			KCTJ	CARROLLTON	GA (US)
IAP	ILS OR LOC RWY 6			KCSG	COLUMBUS	GA (US)
IAP	VOR-A			KCSG	COLUMBUS	GA (US)
IAP	ILS OR LOC RWY 31		2	KLGC	LAGRANGE	GA (US)
IAP	VOR RWY 13		2	KLGC	LAGRANGE	GA (US)
IAP	RNAV (GPS) RWY 09			KPIM	PINE MOUNTAIN	GA (US)
IAP	VOR -A			KPIM	PINE MOUNTAIN	GA (US)
STAR	HONIE (RNAV)		3	KATL	ATLANTA	GA (US)
STAR	LA GRANGE		1	KATL	ATLANTA	GA (US)
STAR	ROME			KATL	ATLANTA	GA (US)
STAR	VIKNN (RNAV)			KATL	ATLANTA	GA (US)
STAR	DIFFI			KPDK	ATLANTA	GA (US)

QUALITY CHECKED 5

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

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
CHANGED HOLDING PATTERN THREE OBSTACLE ACCURACY FROM 4D TO 5E
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 CHECKED 5

RADIO FIX AND HOLDING DATA RECORD

NAME: SALEN **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 323657.81N/0851253.83W **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	DIST FROM FAC FEET	MRA	MAA
1	COLUMBUS	CSG	VORTAC	L	269.33	270.33	10.00	10.00		2400	14000
2	LAGRANGE	LGC	VORTAC	H	179.98	180.98		25.94		2400	14000

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

REMARKS:
LAGRANGE (FAC 2) AND COLUMBUS (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR RWY 29	1, 2		KAUO	AUBURN	AL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
REPOSITIONED FIX 74 FEET NORTH
CHANGED FAC 1 BRG FROM 269.26 TO 269.33
ADDED DIST FROM FAC 2
UPDATED FIX USE
UPDATED CHART REQUIREMENTS

DEVELOPED BY: **DATE:** 01/30/2012 **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 5

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 323654.91N/0850103.47W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

INFO ONLY

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	COLUMBUS	CSG	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	NW	CSG	VORTAC	325.00	145.00	R	1-1 1/2		2400	17500	4	16
2	W	CSG	VORTAC	280.00	100.00	R	1		3000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (01-000572)	322800.50N/0850320.00W	1404	5D
UPN	230	TOWER (13-000445)	322729.00N/0845308.00W	1700	2D
1	200	AAO	324248.00N/0850245.00W	1106	4E
1	230	AAO	324324.00N/0850024.00W	1159	4E
2	200	TOWER (01-000477)	323520.28N/0851143.14W	1012	2C

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 2500 FROM R-230 CW TO R-086.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRAVS (RNAV)			KATL	ATLANTA	GA (US)
DP	HONIE (RNAV)			KATL	ATLANTA	GA (US)
DP	NOVSS (RNAV)			KATL	ATLANTA	GA (US)
DP	PNUTT (RNAV)			KATL	ATLANTA	GA (US)
DP	THRSR (RNAV)			KATL	ATLANTA	GA (US)
EN ROUTE	V155					(US)
EN ROUTE	V20					(US)
EN ROUTE	V241					(US)
EN ROUTE	V321					(US)
EN ROUTE	V454					(US)
EN ROUTE	V56					(US)
IAP	ILS OR LOC RWY 36		2	KAUO	AUBURN	AL (US)
IAP	VOR RWY 29			KAUO	AUBURN	AL (US)
IAP	VOR/DME OR GPS-A			K7A3	LANETT	AL (US)
IAP	RNAV (GPS) RWY 13			K06A	TUSKEGEE	AL (US)
IAP	RNAV (GPS) RWY 31			K06A	TUSKEGEE	AL (US)
IAP	ILS OR LOC RWY 6			KCSG	COLUMBUS	GA (US)
IAP	RNAV (GPS) RWY 13			KCSG	COLUMBUS	GA (US)
IAP	RNAV (GPS) RWY 24			KCSG	COLUMBUS	GA (US)
IAP	RNAV (GPS) RWY 6			KCSG	COLUMBUS	GA (US)
IAP	VOR-A			KCSG	COLUMBUS	GA (US)
IAP	ILS OR LOC RWY 33 (ALT MA)		1	KLSF	FORT BENNING (COLUMBUS)	GA (US)
IAP	VOR/DME OR GPS RWY 15			KLSF	FORT BENNING (COLUMBUS)	GA (US)
IAP	ILS OR LOC RWY 31			KLGC	LAGRANGE	GA (US)
IAP	RNAV (GPS) RWY 3			KLGC	LAGRANGE	GA (US)
IAP	RNAV (GPS) RWY 31			KLGC	LAGRANGE	GA (US)
IAP	NDB RWY 09			KPIM	PINE MOUNTAIN	GA (US)
IAP	RNAV (GPS) RWY 09			KPIM	PINE MOUNTAIN	GA (US)
IAP	VOR -A			KPIM	PINE MOUNTAIN	GA (US)
STAR	EUGNE (RNAV)			KBHM	BIRMINGHAM	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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
UPDATED FIX USE.
ADDED STAR AND DP TO REQUIRED CHARTING.

QUALITY CHECKED 5

DEVELOPED BY:	**DATE:** 07/22/2011	**OFFICE:** AJV-352	**NAME:** MARLON ROBINSON
APPROVED BY:	**DATE:**	**OFFICE:** AJV-352	**NAME:** DARRYEL ADAMS

SIGNATURE:

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

INFO ONLY

TERMINAL AIRSPACE DATA REQUIREMENTS

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

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

PROCEDURE: **VOR RWY 29** AMDT: **AMDT 11**

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 **2.37**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **3.84**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **270.33**
4. High Terrain in **FINAL** segment containing 1000' point **827**
5. Distance from **THLD** to 1500' point **4.17**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **3.81**
7. True Course of **FINAL** segment containing 1500' point **270.33**
8. High Terrain in **FINAL** segment containing 1500' point **827**
9. Threshold Coordinates (if straight-in) ... **323659.59N** / **0852533.14W**
10. ARP Coordinates ..... **323654.40N** / **0852602.40W**
11. Runway Approach End and distance furthest from ARP.....RWY **36**
    Distance **.57** NM
12. FAF Coordinates ..... **323659.07N** / **0852022.77W**
    (Click to Select)

REMARKS: Approach/Drawing attached.