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
GOCCI (IF/IAF)	DAZNI (FB)	132.87 / 6.80	2000
DAZNI (FAF)	RW13 (MAP) (FO)	132.93 / 4.33	
RW13 (MAP)	782 MSL	132.93	
782 MSL	DABIE (FO)		2700

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW13

CLIMB TO 2700 DIRECT DABIE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW GOCCI, RT, 132.87 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
3. FAC: 132.93 FAF: DAZNI DIST FAF TO MAP: 4.33 THLD: 4.33
4. MIN. ALT: GOCCI 2700, DAZNI 2000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: DAZNI 2000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 313.07 INBOUND.
FAS OBST: 789 AAO 344128N/0872506W
DISTANCE TO THLD FROM 200 HATH: 0.50 NM.
CHART VDP AT 1.44 MILES TO RW13*
*LNAV ONLY.
WAAS CHANNEL # 56231
REFERENCE PATH ID: W13A
LTP HAE: 150.6 M

MAG VAR: 3W EPOCH YEAR: 2015

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
LPV DA	782	3/4	200	782	3/4	200	782	3/4	200	782	3/4	200			
LNAV/VNAV DA	1074	1 3/4	492	1074	1 3/4	492	1074	1 3/4	492	1074	1 3/4	492			
LNAV MDA	1080	1	498	1080	1	498	1080	1 3/8	498	1080	1 3/8	498			
CIRCLING	1160	1	572	1240	1	652	1240	1 3/4	652	1260	2 1/4	672			

NOTES:
CHART NOTE: CIRCLING TO RWY 17 NA AT NIGHT.
CHART NOTE: BARO-VNAV NA WHEN USING MUSCLE SHOALS ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 40C (104F).
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ CAT D 800-2 1/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 588 THRE: 582	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
COURTLAND, AL	AIRPORT NAME: COURTLAND	RNAV	RNAV (GPS) RWY 13, AMDT 2	AMDT: 1
				DATED 09/23/2010

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]	[ ]	[X]	[X]	[X] ZME, AMGR, HSV APP CON

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: DONALD E. SMITH (HEIDI SNIDER)	FIFO AJV-352	DATE: 03/27/2012
APPROVED BY		
NAME: DARRYEL ADAMS MANAGER	FIFO AJV-352	DATE:

CHANGES:

1. INTERMEDIATE SEGMENT COURSE/DISTANCE CHANGED FROM 130.99/6.10 TO 132.87/6.80.
2. FINAL LENGTH CHANGED FROM 4.28 TO 4.33.
3. HOLD-IN-LIEU COURSE INBOUND CHANGED FROM 130.99 TO 132.87.
4. ADDED VDP.
5. ADDED LPV AND LNAV/VNAV LINES OF MINIMA.
6. PROCEDURAL ELEVATION CHANGED FROM TDZE 581 TO THRE 582.
7. LNAV CAT C VISIBILITY CHANGED FROM 1 1/4 TO 1 3/8 MILE; CAT D CHANGED FROM 1 1/2 TO 1 3/8 MILE.
8. CIRCLING CATS A MDA/HAA CHANGED FROM 1200/612 TO 1160/572; CAT B/C CHANGED FROM 1280/692 TO 1240/652; CAT D CHANGED FROM 1300/712 TO 1260/672.
9. CIRCLING CATS C VISIBILITY CHANGED FROM 2 TO 1 3/4 MILE.
10. ADDED RESTRICTION FOR BARO-VNAV WHEN USING MUSCLE SHOALS ALTIMETER SETTING.
11. ADDED BARO-VNAV TEMPERATURE RESTRICTION.
12. ADDED VDP RESTRICTION WITH MUSCLE SHOALS ALTIMETER SETTING
13. UPDATED B/U ALSTG SOURCE AND MINIMA ADJUSTMENT NOTE
14. MAG-VAR CHANGED FROM 1W/1995 TO 3W/2015.

SEE 8260-10

REASONS:

1, 2. PFAF MOVED TO 8260.54A FORMULA 2-16B PFAF LOCATION.
3. RECALCULATION OF SEGMENT COURSE
4. IAW 8260.19D PARA 857R.458
5. NEW SURVEY DATA. FPT REQUEST.
6. IAW 8260.3B CHG 20 PARA 3.1.
7, 8, 9. RECALCULATED IAW 8260.3B CHG 20 CHAPTER 3.
10. IAW 8260.19D PARA 855E(8).
11. IAW 8260.19D PARA 497
12. IAW 8260.19D PARA 854I(3).
13. PRIMARY ALTIMETER SOURCE, AWOS-3 ON THE FIELD.
14, 15, 16. FPT REQUEST.
17. IAW 8260.19E PARA 854M(2).
18. IAW 8260.19E PARA 853B(4).

QUALITY CHECKED 3

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NOTES, (CONT.):
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: VDP NA WITH MUSCLE SHOALS ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MUSCLE SHOALS ALTIMETER SETTING AND INCREASE ALL DA 38 FEET AND ALL MDA 40 FEET, INCREASE LNAV/VNAV ALL CATS AND LNAV CATS C AND D VISIBILITY 1/8 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	043/30 CW 223/30 (NOPT)	GOCCI (IF/IAF) (FB)	2700
2.	223/30 CW 043/30	223/10 CW 043/10	3200
3.	223/10 CW 043/10	GOCCI (IF/IAF) (FO)	2700

QUALITY CHECKED

CITY AND STATE	ELEVATION: 588 THRE: 582	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
COURTLAND, AL	AIRPORT NAME: COURTLAND	RNAV	RNAV (GPS) RWY 13, AMDT 2	AMDT: 1
				DATED: 09/23/2010

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:

CHANGES CONT.
15. REMOVED IAF WAKAR 16. REMOVED IAF BABMY. 17. ADDED NOTE: "CIRCLING TO RWY 17 NA AT NIGHT."
18. ADDED ALTERNATIVE MINIMUMS.

REASONS:

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	9A4
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	343941.4025N
LTP/FTP LONGITUDE	0872113.4070W
LTP/FTP ELLIPSOIDAL HEIGHT	+01506
FPAP LATITUDE	343844.0600N
FPAP LONGITUDE	0871950.6500W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1232
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	25B6C00E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01772
FPAP ORTHOMETRIC HEIGHT	+01772

QUALITY CHECKED 3

CITY AND STATE	ELEVATION: 588 THRE: 582	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
COURTLAND, AL	AIRPORT NAME: COURTLAND	RNAV	RNAV (GPS) RWY 13, AMDT 2	AMDT: 1
				DATED: 09/23/2010

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**

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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DABIE K70    W     N34315450W087100090                     W0028     NAR           DABIE
        SUSAEAENRT   DAZNI K70    W     N34422846W087251485                     W0027     NAR           DAZNI
        SUSAEAENRT   GOCCI K70    W     N34465061W087313467                     W0026     NAR           GOCCI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP 9A4 K7A9A4     0     049YHN34393390W087205610W003000588         1800018000C    MNAR    COURTLAND

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP 9A4 K7FR13   AGOCCI 010GOCCIK7EA0EE AR   HF                    13290040    + 02700     18000                B JS
        SUSAP 9A4 K7FR13   R      010GOCCIK7EA0E  I    IF                                + 02700     18000                B JS
        SUSAP 9A4 K7FR13   R      020DAZNIK7EA1E  F 051TF                    13290068    + 02000                          B JS
        SUSAP 9A4 K7FR13   R      020DAZNIK7EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
        SUSAP 9A4 K7FR13   R      030RW13 K7PG0GY M 031TF                    13290043      00622             -300         B JS
        SUSAP 9A4 K7FR13   R      040         0  M     CA                    1329        + 00782                          B JS
        SUSAP 9A4 K7FR13   R      050DABIEK7EA0EY      DF                                + 02700                          B JS
        SUSAP 9A4 K7FR13   R      060DABIEK7EA0EE  R   HM                    31310040    + 02700                          B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP 9A4 K7GRW13    0049941330 N34394140W087211341-0200    +0150600582000040100R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP 9A4 K7PR13   RW13 001 0000W13A0N3439414025W08721134070+015060300N3438440600W087195065001067512320004 00F40035025B6C00E
        SUSAP 9A4 K7PR13   RW13 002E      +01772+01772LPV       56231
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: **588** THRE: **582**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
COURTLAND, AL	AIRPORT NAME: **COURTLAND**	**RNAV**	**RNAV (GPS) RWY 13, AMDT 2**	AMDT: **1**
				DATED: **09/23/2010**

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

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
	GOCCI	GOCCI	010	IAF	HF	R	FO		132.9(129.9T)	004.0	AA 02700	
		GOCCI	010	FACF	IF		FB				AA 02700	
		DAZNI	020	FAF	TF		FB	0.5	132.9(129.9T)	006.8	AA 02000	
		RW13	030	MAP	TF		FO	0.3	132.9(129.9T)	004.3	AT 00622	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		132.9(129.9T)		AA 00782	
	DABIE	050		DF		FO				AA 02700	
	DABIE	060		HM	R	FO		313.1(310.1T)	004.0	AA 02700	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DABIE	N343154.50	W0871000.90	N3431.908	W08710.015
	DAZNI	N344228.46	W0872514.85	N3442.474	W08725.248
	GOCCI	N344650.61	W0873134.67	N3446.844	W08731.578
	RW13	N343941.40	W0872113.41	N3439.690	W08721.224

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	00582	40

QUALITY CHECKED

CITY AND STATE	ELEVATION: **588**	**THRE: 582**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
COURTLAND, AL	AIRPORT NAME: **COURTLAND**		**RNAV**	**RNAV (GPS) RWY 13, AMDT 2**	AMDT: **1**
					DATED: **09/23/2010**

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

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	043/30 CW 223/30	GOCCI	1. TOWER (01-002840)	343741.23N/0874432.41W	1696 (5D)	1000		2700
			2. TERRAIN	351133.00N/0870948.00W	1116 (1100)		AS1500	2600
STRAIGHT-IN AREA	223/30 CW 043/30	223/10 CW 043/10	3. TOWER (47-001832)	350009.00N/0870809.00W	2187 (5E)	1000		3200
			4. TERRAIN	342700.00N/0873242.00W	1126 (1100)		AS1500	2600
STRAIGHT-IN AREA	223/10 CW 043/10	GOCCI	1. TOWER (01-002840)	343741.23N/0874432.41W	1696 (5D)	1000		2700
			5. TERRAIN	343906.00N/0873427.00W	890 (900)		AS1500	2400
INTERMEDIATE	GOCCI (IF/IAF)	DAZNI	6. TOWER (01-020213)	344528.30N/0873006.10W	1048 (4D)	500	AT452	2000
			7. TERRAIN	344757.00N/0872909.00W	680 (700)		AS1000	1700
FINAL: LPV	DAZNI	RW13				ASC		782/200
FINAL: LNAV/VNAV	DAZNI	RW13	8. TREE	344012.71N/0872221.87W	759 (2C)	23.44:1	AC20	1074/492
FINAL: LNAV	DAZNI	RW13	9. AAO	344128.30N/0872506.07W	789 (2C)	250	XP41	1080
2. HOLD-IN-LIEU-OF-PT	GOCCI	P-5	6. TOWER (01-020213)	344528.30N/0873006.10W	1048 (4D)	1000	AT652	2700
			10. TERRAIN	345330.00N/0873718.00W	735 (700)		AS1500	2200
3. MISSED APPROACH — MAP:	DA / DA / RW13	DABIE				ASC		2700
			11. TOWER (01-002152)	343716.00N/0871548.00W	1147 (5D)	1000		2200
ELEV:	617/913/980		12. TERRAIN	343727.00N/0871554.00W	860 (900)		AS1500	2400
			14. TOWER (01-000550)	344040.00N/0872014.00W	845 (2C)	300		1160
			14. TREE	343915.00N/0872254.00W	929 (2C)	300		1240
			15. TREE	343911.00N/0872301.00W	939 (2C)	300		1240
			16. TREE	343847.00N/0872335.00W	949 (2C)	300		1260

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	572
CATEGORY B	1.5 NM	450	652
CATEGORY C	1.7 NM	450	652
CATEGORY D	2.3 NM	550	672
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	ELEVATION: 588 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
COURTLAND, AL	COURTLAND	RNAV	RNAV (GPS) RWY 13, AMDT 2	ASO

QUALITY CHECKED

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZME ARTCC HSV APP CON HSV FSS	N W S	OTHER:	SOURCE: K9A4 / KMSL
	F A A		DISTANCE: 0 / 13.91
SATISFACTORY ON:	A / C		HOURS REMOTE OPERATION: BACKUP
X V H F X U H F H F	LOCATION:		ADJUSTMENT: 0 / 38

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

5. APPROACH & RUNWAY LIGHTING	
	ALS
	(S) SALS
	MALS
	HIRL
X	MIRL 31, 13
	REIL
	TDZ
	C/LINE
	OTHER (SPECIFY)

6. RUNWAY MARKINGS	BASIC	BSC-P 17, 35
	ALL WEATHER	
	INSTRUMENT	NPI-P 31, 13
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 581.5
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 40.0

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

10. WAIVERS: NONE

QUALITY CHECK

PART D - PREPARED BY: DONALD E. SMITH (HEIDI SNIDER)	DATE: 03/27/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

ISA DEVIATION USED: -30C (-22F)

VGSI DATA: NONE
SERVICE A - K9A4: YES KMSL: YES
AVERAGE COLD TEMPERATURE DATA NOT AVAILABLE FOR AIRPORT, USED STANDARD ISA DEVIATION

XP- MAINTAIN PREVIOUS PROCEDURE MDA.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
TERPS, VOLUME 1, "VISUAL PORTION OF FINAL"
PENETRATIONS:
20:1
R17 636 TREE (K9A4T0201) 344001.53N-0872102.07W (24.59)

34:1
679 TREE (K9A4T0071) 343953.41N-0872143.49W (23.83)
680 TREE (K9A4T0074) 343954.72N-0872145.53W (18.49)

LPV SLOPE: 34:1
LNAV/VNAV SLOPE: 23:44:1

RASS PRESSURE PATTERNS THE SAME
K9A4 587.8, KMSL 550.5
RA=37.22

100 FT VEGETATION USED

OBSTACLE 01-020213 VERIFIED 4D AC VIA CASE STUDY 2009-ASO-2634-OE.

RADIO FIX AND HOLDING DATA RECORD

NAME: DABIE **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 343154.50N/0871000.90W **TYPE:** WP

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

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		WP	133.07	313.07	R		4	2700	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (01-001208)	343448.00N/0870520.40W	1220	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 13		1	K9A4	COURTLAND	AL (US)
IAP	RNAV (GPS) RWY 31		1	K9A4	COURTLAND	AL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
MOVED FIX 5123.60 FEET SOUTHEAST.
UPDATED HOLDING PATTERN INBOUND COURSE.
UPDATED HOLDING OBSTACLE LAT/LONG AND ELEVATION.

DEVELOPED BY: **DATE:** 03/23/2012 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (HEIDI SNIDER)

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZME
ATC FACILITY: HSV
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DAZNI **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 344228.46N/0872514.85W **TYPE:** WP

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

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

REMARKS:
8260.54A 2-16 PFAF FORMULA APPLIED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 13			K9A4	COURTLAND	AL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
MOVED FIX 334 FEET NORTHWEST.

DEVELOPED BY: **DATE:** 03/22/2012 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (HEIDI SNIDER)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZME
ATC FACILITY: HSV
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GOCCI **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 344650.61N/0873134.67W **TYPE:** WP

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

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	NW		WP	312.87	132.87	R		4	2700	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (01-020213)	344528.30N/0873006.10W	1048	4D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 13		1	K9A4	COURTLAND	AL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
MOVED FIX 4590 FEET NORTHWEST.
UPDATED HOLDING PATTERN.

DEVELOPED BY: **DATE:** 03/22/2012 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (HEIDI SNIDER)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZME
ATC FACILITY: HSV
OTHER:

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **COURTLAND** STATE: **AL**

AIRPORT NAME: **COURTLAND** ID: **K9A4**

PROCEDURE: **RNAV (GPS) RWY 13** AMDT: **2**

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 **3.39**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.25**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **129.93**
4. High Terrain in **FINAL** segment containing 1000' point **659**
5. Distance from **FAF** to 1500' point **5.80**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **4.00**
7. True Course of **INTERMEDIATE** segment containing 1500' point **129.88**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **680**
9. Threshold Coordinates (if straight-in) ... **343941.40N** / **0872113.41W**
10. ARP Coordinates ..... **343933.90N** / **0872056.10W**
11. Runway Approach End and distance furthest from ARP.....RWY **R31**
    Distance **.56** NM
12. FAF Coordinates ..... **344228.46N** / **0872514.85W**
    (Click to Select)

REMARKS: Approach/Drawing attached. 30 NM, GOCCI (IF/IAF) 344650.61N/0873134.67W

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

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.

TAKEOFF MINMUMS AND OBSTACLE DP, AMDT 2
RNAV (GPS) RWY 13, AMDT 2
RNAV (GPS) RWY 31, AMDT 2

Estimated Chart Date: 09/20/2012

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
Courtland	Courtland	Airport	K9A4 / 9A4	Old 1 ° West New 3 ° 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::x7537:03/12/2012 :U:\AVN100\100Public\MAGVAR\MAGVAR Letters 2012\MV Request MV Change for Courtland, AL (K9A4) 3-12-12 Requestor:HSnider, AJW-3762:KMurphy

RADIO FIX AND HOLDING DATA RECORD

NAME: BABMY **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 345012.69N/0872657.21W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 13			K9A4	COURTLAND	AL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 09/23/2010

REASON FOR REVISION:

DEVELOPED BY: **DATE:** **OFFICE:** **NAME:**

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZME
ATC FACILITY: HSV
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WAKAR **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 344232.24N/0873445.28W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 13			K9A4	COURTLAND	AL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 09/23/2010

REASON FOR REVISION:

DEVELOPED BY: **DATE:** **OFFICE:** **NAME:**

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZME
ATC FACILITY: HSV
OTHER:

QUALITY CHECK 3