

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				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
DABIE (IF/IAF)	AARTA (FB)	313.07 / 6.90	2000	LPV: DA LNAV/VNAV: DA LNAV: RW31	
AARTA (FAF)	CABAS/2.50 NM TO RW31 (FB)	313.01 / 1.86		CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2700 DIRECT DABIE AND HOLD.	
CABAS/2.50 NM TO RW31	RW31 (MAP) (FO)	312.99 / 2.50			
RW31 (MAP)	1200 MSL	312.99	1200	ADDITIONAL FLIGHT DATA: CHART FAS OBST: 720 TANK 343936N/0872005W CHART FAS OBST: 929 TREE 343742N/0871757W CHART 1147 TOWER 343716N/0871548W DISTANCE TO THLD FROM 200 HATH: 0.50 NM. CHART VDP AT 1.78 MILES TO RW31* *LNAV ONLY.	
1200 MSL	DABIE (FO)		2700		

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- HOLD SE DABIE, RT, 313.07 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
- FAC: 313.01 FAF: AARTA DIST FAF TO MAP: 4.36 THLD: 4.36
- MIN. ALT: DABIE 2700, AARTA 2000, CABAS/2.50 NM TO RW31 1400\*
- DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
- MIN GS INCPT: 2000 GS ALT AT: AARTA 2000 OM:        MM:        IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
- MSA FROM:

WAAS CHANNEL # 48830  
REFERENCE PATH ID: W31A  
LTP HAE: 147.7 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	772	3/4	200	772	3/4	200	772	3/4	200	772	3/4	200			
LNAV/VNAV DA	931	1 1/4	359	931	1 1/4	359	931	1 1/4	359	931	1 1/4	359			
LNAV MDA	1180	1	608	1180	1	608	1180	1 3/4	608	1180	1 3/4	608			
CIRCLING	1180	1	592	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: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 40C (104F).  
CHART NOTE: DME/DME RNP-0.3 NA.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE MUSCLE SHOALS ALTIMETER SETTING AND (SEE FORM 8260-10)

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

CITY AND STATE COURTLAND, AL	ELEVATION: 588 THRE: 572 AIRPORT NAME: COURTLAND	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 2 20 SEPTEMBER 2012	SUP: AMDT: DATED 09/23/2010
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QUALITY  
CHECKED

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NOTES, (CONT.):  
 INCREASE ALL DA 38 FEET AND ALL MDA 40 FEET, INCREASE LNAV/VNAV ALL CATS AND LNAV CAT C AND D VISIBILITY 1/8 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE.  
 CHART NOTE: VDP AND BARO-VNAV NA WITH MUSCLE SHOALS ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	223/30 CW 043/30 (NOPT)	223/20 CW 043/20	3100
2.	223/20 CW 043/20	DABIE (IF/IAF) (FB)	2700
3.	043/30 CW 223/30	043/20 CW 223/20	3200
4.	043/20 CW 223/20	DABIE (IAF) (FO)	2700

QUALITY  
 1  
 CHECKED

CITY AND STATE COURTLAND, AL	ELEVATION: 588	THRE: 572	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 2 20 SEPTEMBER 2012	SUP:
	AIRPORT NAME: COURTLAND				AMDT: 1
					DATED: 09/23/2010

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	9A4
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	343909.6695N
LTP/FTP LONGITUDE	0872027.5960W
LTP/FTP ELLIPSOIDAL HEIGHT	+01477
FPAP LATITUDE	344006.9900N
FPAP LONGITUDE	0872150.3900W
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 0DB214D3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01743
FPAP ORTHOMETRIC HEIGHT	+01743



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	AIRPORT NAME: COURTLAND			AMDT: 1
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**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
	DABIE	DABIE	010	IAF	HF	R	FO		313.1 (310.1T)	004.0	AA 02700	
		DABIE	010	FACF	IF		FB				AA 02700	
		AARTA	020	FAF	TF		FB	0.5	313.1 (310.1T)	006.9	AA 02000	
		CABAS	021	SDF	TF		FB	0.3	313.0 (310.0T)	001.9	AA 01400	GS 01408
		RW31	030	MAP	TF		FO	0.3	313.0 (310.0T)	002.5	AT 00612	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		313.0 (310.0T)		AA 01200	
	DABIE	050		DF	R	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
	AARTA	N343621.29	W0871624.75	N3436.355	W08716.413
	CABAS	N343733.15	W0871808.33	N3437.553	W08718.139
	DABIE	N343154.50	W0871000.90	N3431.908	W08710.015
	RW31	N343909.67	W0872027.60	N3439.161	W08720.460

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	00572	40

CITY AND STATE  
COURTLAND, AL

ELEVATION: 588  
THRE: 572  
AIRPORT NAME:  
COURTLAND

FACILITY IDENTIFIER:  
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
RNAV (GPS) RWY 31, AMDT 2  
20 SEPTEMBER 2012

SUP:  
AMDT: 1  
DATED: 09/23/2010