FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
61A	RNAV (GPS) RWY 18	ORIG-A	CAMDEN	AL

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
143	143	RNAV (GPS) RWY 18	ORIG	01/05/2017	3W	2020

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
RNAV			ROUTINE	

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 092/30 CW 272/30	NOPT	WRATH	IF/IAF	3000
2. 272/30 CW 092/30		WRATH	IF/IAF	3100

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WRATH	IF/IAF	TUGIE		TF	FB	1.00	182.21	9.05	1800
TUGIE	FAF	BIPDE/2.50 NM TO RW18		TF	FB	0.30	182.21	2.58	
BIPDE/2.50 NM TO RW18		RW18	MAP	TF	FO	0.30	182.21	2.50	
RW18	MAP	543 MSL		CA			182.21		
543 MSL		JOLUM		DF	FO	1.00			3500

MISSED APPROACH

MAP:
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 3500 DIRECT JOLUM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD N WRATH, RT, 182.21 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 182.21 **FAF:** TUGIE **DIST FAF TO MAP:** 5.08 **DIST FAF TO THLD:** 5.08
4. **MIN ALT:** WRATH 3000, TUGIE 1800, BIPDE/2.50 NM TO RW18 980
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
6. **MIN GP INCPT:** **GP ALT AT FAF:** **OM:** **MM:** **IM:**
7. **GP ANGLE:** **34:1:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:**
8. **MSA FROM:**

QUALITY 37 CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: USE SEM ALTIMETER SETTING; WHEN NOT RECEIVED, USE A08 ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET.

ADDITIONAL FLIGHT DATA:

CHART SELMA AWOS-3PT
HOLD S, RT, 002.21 INBOUND.
CHART FAS OBST: 435 TOWER (01-067273) 320142N/0872009W.
CHART CIRCLING ICON.
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.

MINIMUMS:

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

ALTERNATE: NA [X]

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LNAV MDA	760	1	617	760	1	617	760	1 3/4	617	760	1 3/4	617			
CIRCLING	760	1	617	780	1	637	900	2 1/4	757	1060	3	917			

CHANGES - REASONS

1. PROFILE: LINE 7, ADDED "34:1: IS NOT CLEAR" AND "20:1: IS NOT CLEAR." - IAW 8260.19J.
2. PBN REQUIREMENT NOTES: ADDED "RNP APCH - GPS" - IAW 8260.19J 8-6-8.
3. NOTES: REMOVED "CHART NOTE: DME/DME RNP-0.3 NA." - NO LONGER REQUIRED.
4. NOTES: AMENDED "USE SELMA ALTIMETER SETTING; WHEN NOT RECEIVED, USE MARION ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET AND LNAV CAT C/D VISIBILITY 1/8 MILE." TO "USE SEM ALTIMETER SETTING; WHEN NOT RECEIVED, USE A08 ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET." - DUE TO NEW EVALUATION.
5. ADDTIONAL FLIGHT DATA: AMENDED "CHART SELMA AWOS-3" TO "CHART SELMA AWOS-3PT." - TO MATCH CURRENT PUBLICATED DATA.
6. ADDITIONAL FLIGHT DATA: UPDATED FAS OBST FROM "325 ANT (K61AT000482) 320027N/0872001W" TO "435 TOWER (01-067273) 320142N/0872009W." - DUE TO NEW EVALUATION.
7. MINIMUMS: UPDATED CAT A/B LNAV MDA FROM "MDA 660 AND HAT 518" TO "MDA 760 AND HAT 617." - DUE TO NEW CONTROLLING OBSTACLE AND TO CLEAR NOTAM 4/0952.
8. MINIMUMS: UPDATED CAT C/D LNAV MDA FROM "MDA 660, HAT 518 AND VIS 1 3/8" TO "MDA 760, HAT 617 AND VIS 1 3/4." - DUE TO NEW CONTROLLING OBSTACLE AND TO CLEAR NOTAM 4/0952.
9. MINIMUMS: UPDATED CAT A CIRCLING FROM "CMDA 720 AND HAT 577" TO "CMDA 760 AND HAT 617." - DUE TO NEW CONTROLLING OBSTACLE AND TO CLEAR NOTAM 4/0952.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
61A	RNAV (GPS) RWY 18	ORIG-A	CAMDEN	AL

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZLT ARTCC, AMGR

FLIGHT CHECKED BY	*Digitally signed by* ***ERIC N SUSKI*** Apr 03, 2025	**OFFICE**	**DATE**
JOHN KEARBY		AJF	03/28/2025
DEVELOPED BY	*Digitally signed by* ***ERIC N SUSKI*** Apr 03, 2025	**OFFICE**	**DATE**
LIAM DONAHUE (CORY SLANE)		AJV-33	12/03/2024
APPROVED BY	*Digitally signed by* ***ERIC N SUSKI*** Apr 03, 2025	**OFFICE**	**DATE**
JOHN BORDY		AJV-33	

TITLE
MANAGER

QUALITY 37 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
61A	RNAV (GPS) RWY 18	ORIG-A	CAMDEN	AL	143	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM
092/30 CW 272/30

TO
WRATH

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (01-002665)	323226.72N/0865032.66W	1675	20	50	1D	1000				AT325	3000
TERRAIN	323700.00N/0865715.00W	562 (600)								AS1500	2100

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM
272/30 CW 092/30

TO
WRATH

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (01-001213)	320830.00N/0864442.00W	2049	500	50	5D	1000					3100
TERRAIN	314424.00N/0870448.00W	591 (600)								AS1500	2100

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
61A	RNAV (GPS) RWY 18	ORIG-A	CAMDEN	AL	143	RNAV

INTERMEDIATE

FROM	TO
WRATH (IF/IAF)	TUGIE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	9.05				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	321139.00N/0872245.00W	479	250	50	4D	500					1000
TERRAIN	321139.00N/0872245.00W	279 (300)								AS1500	1800

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM	TO
TUGIE	BIPDE/2.50 NM TO RW18

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	2.58				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	320303.00N/0872018.00W	447	215	8	4B	250				RA89 AT194	980

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
61A	RNAV (GPS) RWY 18	ORIG-A	CAMDEN	AL	143	RNAV

FINAL: LNAV STEPDOWN

FROM	TO
BIPDE/2.50 NM TO RW18	RW18

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	2.50		RW18	617	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (01-067273)	320141.51N/0872008.72W	435	20	3	1A	250				RA69	760

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM	TO
WRATH	P-5

RNP	DISTANCE	PAT	MAP	HAT	HMAS
		P-5			

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9. TOWER (01-000094)	321720.00N/0872217.00W	622	250	50	4D	1000				AT1378	3000
TERRAIN	321139.00N/0872245.00W	278 (300)								AS1500	1800

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
61A	RNAV (GPS) RWY 18	ORIG-A	CAMDEN	AL	143	RNAV

MISSED APPROACH: LNAV

FROM	TO
RW18	JOLUM

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					491

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3500
AAO	314606.00N/0872215.00W	673	215	8	4B	1000					1700
TERRAIN	314606.00N/0872218.00W	472 (500)								AS1500	2000

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING ☐ ALL CATS ☒ CAT A ☒ CAT B ☒ CAT C ☒ CAT D ☐ CAT E ☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE	320024.00N/0872021.00W	1.30	617	347	215	8	4B	300		SI/RA69	760
CATEGORY B											
TOWER (01-020279)	315949.15N/0871840.57W	1.81	637	400	20	3	1A	300		RA69	780
CATEGORY C											
TOWER (01-001859)	315857.57N/0872327.35W	2.84	757	510	50	20	2C	300		RA69 XP21	900
CATEGORY D											
AAO	315612.00N/0871709.00W	3.71	917	676	215	8	4B	300		RA69	1060

CIRCLING REMARKS:

XP; TO KEEP CURRENT MINIMUMS.

MSA/ESA

CENTER	RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

MISSED APPROACH ALT 3500 FOR ATC RADAR

HIL ALT 3000 DUE TO ATC COMM REQUIREMENTS

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
61A	RNAV (GPS) RWY 18	ORIG-A	CAMDEN	AL	143	RNAV

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZTL ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	SEM	24	SEM	28.30	Y	69

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3P	A08	24	A08	33.70	Y	85

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
K61A 143, KSEM 166, RA = 68.2. K61A 143, KA08 215, RA = 84.3,
RA = 84.3 - 68.2 = 16.1 (17).

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW18 - MIRL (PCL), PAPI-2L (PCL)	NPI-G	
RW36 - MIRL (PCL), PAPI-2L (PCL)	NPI-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
					3.50	50.7

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	X	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 18
20:1	
208 TREE (01-038404) 315911.3700N/0872018.8900W (60.33)	205 TREE (01-038407) 315912.4600N/0872018.6500W (51.83)
205 TREE (01-038435) 315918.7100N/0872024.2400W (19.93)	211 TREE (01-038633) 315920.9300N/0872025.0900W (14.66)
221 TREE (01-038655) 315923.3900N/0872019.0200W (12.59)	222 TREE (01-044042) 315923.7500N/0872017.6900W (11.85)
196 TREE (01-038649) 315919.4900N/0872017.6400W (7.38)	188 TREE (01-038433) 315917.8500N/0872023.7300W (7.3)
189 TREE (01-038434) 315918.0600N/0872023.8900W (7.23)	196 TREE (01-038648) 315919.5900N/0872017.9300W (6.85)

221 TREE (01-038663) 315924.6700N/0872016.7300W (6.26)	176 POLE (01-038695) 315915.8800N/0872023.4600W (5.27)
205 TREE (01-044376) 315922.1300N/0872023.0100W (2.72)	189 TREE (01-038647) 315919.2500N/0872017.5100W (1.6)
180 VEGETATION (01-038430) 315917.5400N/0872024.5800W (0.82)	
FINAL TYPE	CIRCLING RWY 36
20:1	
236 TREE (01-038508) 315818.3000N/0872017.3100W (65.59)	238 TREE (01-043877) 315816.2800N/0872016.9200W (57.36)
234 TREE (01-038502) 315815.3000N/0872017.5100W (48.44)	235 TREE (01-038776) 315812.2200N/0872023.5400W (34.24)
208 TREE (01-038504) 315817.2400N/0872022.8300W (32.56)	179 TREE (01-038506) 315822.4800N/0872017.9400W (29.74)
215 TREE (01-038745) 315814.0000N/0872023.5800W (23.24)	204 TREE (01-038503) 315815.5000N/0872023.3000W (19.8)
207 TREE (01-038591) 315813.7100N/0872019.8600W (13.55)	208 TREE (01-038590) 315813.0900N/0872020.7400W (11.47)
224 TREE (01-038589) 315808.8000N/0872022.3600W (5.89)	221 TREE (01-038774) 315809.1600N/0872023.4700W (4.78)
FINAL TYPE	LNAV
20:1	
208 TREE (01-038404) 315911.3700N/0872018.8900W (60.33)	205 TREE (01-038407) 315912.4600N/0872018.6500W (51.83)
205 TREE (01-038435) 315918.7100N/0872024.2400W (19.93)	211 TREE (01-038633) 315920.9300N/0872025.0900W (14.66)
221 TREE (01-038655) 315923.3900N/0872019.0200W (12.59)	222 TREE (01-044042) 315923.7500N/0872017.6900W (11.85)
196 TREE (01-038649) 315919.4900N/0872017.6400W (7.38)	188 TREE (01-038433) 315917.8500N/0872023.7300W (7.3)
189 TREE (01-038434) 315918.0600N/0872023.8900W (7.23)	196 TREE (01-038648) 315919.5900N/0872017.9300W (6.85)
221 TREE (01-038663) 315924.6700N/0872016.7300W (6.26)	176 POLE (01-038695) 315915.8800N/0872023.4600W (5.27)
205 TREE (01-044376) 315922.1300N/0872023.0100W (2.72)	189 TREE (01-038647) 315919.2500N/0872017.5100W (1.6)
180 VEGETATION (01-038430) 315917.5400N/0872024.5800W (0.82)	
FINAL TYPE	LNAV
34:1	
185 TREE (01-038646) 315919.1600N/0872017.8400W (16.26)	178 POLE (01-038432) 315917.6300N/0872023.5700W (13.61)
179 TREE (01-038645) 315919.3400N/0872018.2200W (9.71)	173 POLE (01-038636) 315917.8900N/0872022.4600W (7.87)
174 POLE (01-038643) 315918.4600N/0872019.9400W (7.27)	171 VEGETATION (01-038431) 315917.6600N/0872024.1600W (6.5)
145 FENCE (01-038492) 315911.0500N/0872022.2900W (0.21)	

PENETRATIONS REMARKS:

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - REMOTE ALTIMETER IN USE.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT VEGETATION USED

FLIGHT INSPECTION RESULTS DO NOT WARRANT A VDA.
COMPUTED PROCEDURE VDA/TCH: 3.00/40.00, REMOVED PER FLIGHT INSPECTON.
(DUE TO CALCULATION CHANGES TARGETS COMPUTES VDA AS 3.02).
LPV AND LNAV/VNAV NOT DEVELOPED, OBSTACLES PENETRATE GQS.
TREES (K61AT000469), (K61AT000462), (K61AT000439)
POLES (K61AT000361), (K61AT000438)
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	**TO 1000FT POINT**	3.08
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	1.20
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	179.21
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	240
DISTANCE FROM	THLD	**TO 1500FT POINT**	4.88
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	1.95
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	179.21
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	240

THRESHOLD COORDINATES (IF STR-IN)	315908.38N/0872021.16W
ARP COORDINATES	315847.10N/0872020.80W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 36 DISTANCE 0.35 NM
FAF COORDINATES	320413.71N/0872026.11W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
LIAM DONAHUE (CORY SLANE)	AJV-33	12/03/2024	AERONAUTICAL INFORMATION SPECIALIST

QUALITY 37 CHECKED