

**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.

<u>AIRPORT ID</u> AIV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> ALICEVILLE	<u>STATE</u> AL
<u>AIRPORT ELEVATION</u> 150	<u>TDZE</u> 150	<u>SUPERSEDED</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 01/05/2017
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 2W
				<u>EPOCH YEAR</u> 2015
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 154/30 CW 334/30	NOPT	CIKOB	IF/IAF	3000
2. 334/30 CW 154/30		CIKOB	IF/IAF	3000

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
CIKOB	IF/IAF	ZOLUG		TF	FB	1.00	243.76	6.38	2000
ZOLUG	FAF	FEPON/2.80 NM TO RW24		TF	FB	0.30	243.70	2.82	
FEPON/2.80 NM TO RW24		RW24	MAP	TF	FO	0.30	243.70	2.80	
RW24	MAP	550 MSL		CA			243.70		
550 MSL		ZESLO		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: RW24

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT ZESLO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD NE CIKOB, RT, 243.76 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 243.70 FAF: ZOLUG DIST FAF TO MAP: 5.62 DIST FAF TO THLD: 5.62
- MIN ALT: CIKOB 3000, ZOLUG 2000, FEPON/2.80 NM TO RW24 1100
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: OM: MM: IM:
- MIN GP INCPT: GP ALT AT FAF:
- GP ANGLE: 34:1 IS NOT CLEAR 20:1 IS NOT CLEAR TCH:
- MSA FROM:



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: USE TCL ALTIMETER SETTING; WHEN NOT RECEIVED, USE GTR ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET, AND LNAV VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C 1/8 SM.

ADDITIONAL FLIGHT DATA:

CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES
CHART TCL ASOS.
HOLD SW, RT, 063.53 INBOUND.
CHART FAS OBST: 438 TANK (01-046486) 330753N/0880847W.
CHART MERIDIAN 1 EAST MOA.
CHART MERIDIAN 1 WEST MOA.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☒

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	820	1	670	820	1	670	820	1 7/8	670	820	1 7/8	670			
CIRCLING	820	1	670	820	1	670	820	1 7/8	670	940	2 3/4	790			

CHANGES - REASONS

1. PROFILE LINE 2: ADDED "MAX 6000" – IAW 8260.19J, 8-6-7(2)B.
2. PROFILE LINE 7: ADDED "20:1 IS NOT CLEAR" – 20:1 PENETRATIONS ASSUMED.
3. PBN REQUIREMENTS: ADDED "RNP APCH – GPS", REMOVED "CHART NOTE: DME/DME RNP-0.3 NA" – IAW 8260.19J, 8-6-8(D)5(A)1.
4. NOTES: CHANGED "CHART NOTE: USE TUSCALOOSA ALTIMETER SETTING; WHEN NOT RECEIVED, USE COLUMBUS/W POINT/STARKVILLE ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET, AND CIRCLING CAT C VISIBILITY 1/4 SM" TO "CHART NOTE: USE TCL ALTIMETER SETTING; WHEN NOT RECEIVED, USE GTR ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET, AND LNAV VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C 1/8 SM" – RAISED LNAV MINIMUMS FROM 740 TO 820.
5. ADDITIONAL FLIGHT DATA: CHANGED "CHART TUSCALOOSA ASOS" TO "CHART TCL ASOS" - CURRENT DOCUMENTATION STANDARDS.
6. ADDITIONAL FLIGHT DATA: REMOVED "519 AAO 330850N/0880542W" – IAW 8260.19J, 8-6-11(E)2.
7. ADDITIONAL FLIGHT DATA: CHANGED "CHART FAS OBST: 400 TOWER 330727N/0880912W" TO "CHART FAS OBST: 438 TANK (01-046486) 330753N/0880847W" - NEW OBSTACLE EVALUATION.
8. MINIMUMS: RAISED LNAV MDA/HAT FROM "740/590" TO "820/670", CAT C/D VISIBILITY FROM "1 3/4 SM" TO "1 7/8 SM" – NEW CONTROLLING OBSTACLE, CANCELS FDC NOTAM 3/3633.
9. MINIMUMS: RAISED CIRCLING CAT A/B MDA/HAA FROM "740/590" TO "820/670", CAT D MDA/HAA FROM "900/750" TO "940/790", CAT C VISIBILITY FROM "1 3/4 SM" TO "1 7/8 SM" – NEW CONTROLLING OBSTACLE, CANCELS FDC NOTAM 3/3633.



COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZME, CBM APP CON, AMGR

FLIGHT CHECKED BY

RUSSELL ROSLEWSKI

Digitally signed by

CASIMIR L TABAKA

May 02, 2025

OFFICE

AJF

DATE

05/01/2025

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

Digitally signed by

CASIMIR L TABAKA

Apr 04, 2025

OFFICE

AJV-A432

DATE

03/21/2025

APPROVED BY

CASIMIR L. TABAKA

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CASIMIR L TABAKA

Apr 04, 2025

OFFICE

AJV-A432

DATE

TITLE

MANAGER



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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
AIV	RNAV (GPS) RWY 24	ORIG-B	ALICEVILLE	AL	150	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 154/30 CW 334/30 **TO** CIKOB

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (01-001301)	330315.00N/0873257.00W	1290	500	50	5D	1000				AT702	3000
TERRAIN	333921.33N/0875324.82W	704 (700)								AS1500	2200

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM 334/30 CW 154/30 **TO** CIKOB

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (01-001106)	331307.05N/0880547.21W	1314	50	20	2C	1000				AT686	3000
TERRAIN	333046.47N/0880853.77W	499 (500)								AS1500	2000

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
39
CHECKED

INTERMEDIATE: LNAV

FROM

CIKOB (IF/IAF)

TO

ZOLUG

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	6.38										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	330939.06N/0880103.01W	623	50	20	2C	500				AT877	2000
TERRAIN	330939.06N/0880103.01W	423 (400)								AS1500	1900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

ZOLUG

TO

FEPON/2.80 NM TO RW24

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
0.30	2.82										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	330830.00N/0880451.00W	519	215	8	4B	250				RA90 DG241	1100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

FEPON/2.80 NM TO RW24

TO

RW24

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.80		RW24		670						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TANK (01-046486)	330753.03N/0880846.99W	438	250	50	4D	250				AC50 RA70	820

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

CIKOB

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
		P-5									
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (01-001305)	331348.00N/0875050.00W	1038	500	125	5E	1000				AT962	3000
TERRAIN	331826.60N/0875029.43W	472 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LNAV

FROM

RW24

TO

ZESLO

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u> 650				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3000
TOWER (01-001598)	330304.55N/0881548.98W	519	20	3	1A	1000					1600
TERRAIN	330421.00N/0882030.00W	259 (300)								AS1500	1800

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	330551.00N/0881033.00W	1.30	670	281	215	8	4B	300		SI/RA70	820
CATEGORY B											
TREE	300824.00N/0881139.00W	1.81	670	307	215	8	4B	300		SI/RA70	820
CATEGORY C											
TANK (01-020454)	330825.43N/0880904.52W	2.84	670	446	50	20	2C	300		RA70	820
CATEGORY D											
TANK (01-020450)	331017.70N/0881154.40W	3.71	790	515	250	50	4D	300		AC50 RA70	940

CIRCLING REMARKS:

MSA/ESA

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZME ARTCC, CBM APP CON

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	TCL	24	TCL	30.22	Y	70
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	GTR	24	GTR	28.50	Y	82

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KAIV 150, KTCL 149, KGTR 264
RA = 69.1, 81.5.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW06 - MIRL (PCL), REIL (PCL)		NPI-P	
RW24 - MIRL (PCL), REIL (PCL)		NPI-P	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
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
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

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 - KTCL FULL TIME REMOTE ALTIMETER SOURCE..

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT VEGETATION USED PER FPT.

PROCEDURE NA AT NIGHT, VDP NOT DEVELOPED - NO SURVEY, 20:1 PENETRATIONS ASSUMED.

RNAV DESCENT ANGLE/TCH 3.00/60' USED TO CALCULATE PFAF FOR FUTURE VERTICALLY GUIDED PROCEDURE, EST FPT REQUEST.

LP NOT DEVELOPED, LOWER MDA NOT ACHIEVABLE.

LPV AND LNAV/VNAV MINIMUMS NOT DEVELOPED - AIRPORT NOT SURVEYED. NO LOCAL WEATHER NOT AVAILABLE. KTCL IS FULLTIME REMOTE WEATHER SOURCE, KGTR IS BACKUP, BOTH ON WMSCR.

"I" TAA DEVELOPED, ATC REQUEST.

MERIDIAN 1 EAST AND WEST MOAS CHARTED, ATC REQUEST.

FLIGHT INSPECTION RESULTS DO NOT WARRANT A VDA. PROCEDURE DEVELOPED UTILIZING FINAL ANGLE/TCH OF 3.00/60.

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	3.29
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	241.70
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	300
DISTANCE FROM	THLD	TO 1500FT POINT	5.22
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	241.70
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	300

THRESHOLD COORDINATES (IF STR-IN)	330636.03N/0881123.96W
ARP COORDINATES	330624.28N/0881149.83W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 6 DISTANCE 0.41 NM
FAF COORDINATES	330916.36N/0880530.39W
FIX NAME COORDINATES	IF/IAF CIKOB 331217.95N/0875848.78W

REMARKS

TAA: STRAIGHT-IN 154/30 CW 334/30 TO CIKOB.

TAA: STRAIGHT-IN 334/30 CW 154/30 TO CIKOB.

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
CASIMIR L. TABAKA (ROBERT A. SWINSON)	AJV-A432	03/21/2025	AERONAUTICAL INFORMATION SPECIALIST

