

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
0A9	RNAV (GPS) RWY 6	1A	ELIZABETHTON	TN	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
1593	1575	RNAV (GPS) RWY 6	03/24/2022	6W	2005
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
RNAV			ROUTINE		

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>
TOMJO	IAF	HUVUD	NOPT	TF	FB	1.00	333.52	3.65	6300
HUVUD		CABYA		TF	FB	1.00	333.50	3.67	5300
AFTEN	IAF	CABYA	NOPT	TF	FB	1.00	052.84	8.12	5300
UWOVU	IAF	CABYA	NOPT	TF	FB	1.00	153.42	8.00	5300
CABYA	IF/IAF	ACABE		TF	FB	1.00	063.47	5.03	4600
ACABE		ZURVI		TF	FB	1.00	063.52	3.01	3700
ZURVI	FAF	RW06	MAP	TF	FO	0.30	063.56	5.29	
RW06	MAP	1993 MSL		CA			063.56		
1993 MSL		CABYA		DF	FO	1.00			5300

MISSED APPROACH

MAP:

LNAV: RW06

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 200 KIAS UNTIL CABYA) CLIMBING RIGHT TURN TO 5300 DIRECT CABYA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- HOLD SW CABYA, LT, 063.47 INBOUND, 5300 IN LIEU OF PT (IAF), MAX 6000.
- FAC: 063.56 FAF: ZURVI DIST FAF TO MAP: 5.29 DIST FAF TO THLD: 5.29
- MIN ALT: CABYA 5300, ACABE 4600, ZURVI 3700
- 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: RW06 7500



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: CIRCLING NA NW OF RWY 6-24.
CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

FAS OBST: 2231 AAO 361942N/0821400W.
ZURVI TO RW06: 3.75/36.

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A 1500-2, CAT B 1600-2, CAT C 1700-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	3080	1 1/4	1505	3160	1 1/2	1585	3260	3	1685		NA				
CIRCLING	3080	1 1/4	1487	3160	1 1/2	1567	3260	3	1667		NA				

CHANGES - REASONS

1. NOTES: REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AFTEN ON V136 SOUTHWEST BOUND" - HMV VOR MON TRANSITION FROM VORTAC TO TACAN, CANCELLATION OF V136 SEGMENT.
2. ADDITIONAL FLIGHT DATA: CHANGED "CHART FAS OBST: 2162 TOWER (47-001781) 361901N/0821520W" TO "FAS OBST: 2231 AAO 361942N/0821400W" - NEW OBSTACLE EVAL AND LNAV CONTROLLING OBSTACLE.
3. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" - NO LONGER REQUIRED.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: TRI-CITY APP CON, ZTL, BNA FSS

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

Digitally signed by
RAKE MCGRAW
Jun 03, 2026

OFFICE

DATE

DEVELOPED BY
RICHARD BRUCE

Digitally signed by
RAKE MCGRAW
Jun 03, 2026

OFFICE

AJV-A422

DATE

12/23/2025

APPROVED BY
BEV L BORDY

Digitally signed by
RAKE MCGRAW
Jun 03, 2026

OFFICE

AJV-A420

DATE

07/30/2026

TITLE
MANAGER



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

AIRPORT ID
0A9

PROCEDURE NAME
RNAV (GPS) RWY 6

AMDT NO.
1A

CITY
ELIZABETHTON

STATE
TN

AIRPORT ELEVATION
1593

FACILITY
RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
TOMJO

TO
HUVUD

RNP
1.00

DISTANCE
3.65

PAT

MAP

HAT

HMAS

<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	360830.00N/0821800.00W	5000	215	8	4B	1000				PR280	6300
TERRAIN	360848.00N/0822045.00W	3290 (3300)								AS1500	4800

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM
HUVUD

TO
CABYA

RNP
1.00

DISTANCE
3.67

PAT

MAP

HAT

HMAS

<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	361303.00N/0822215.00W	3721	215	8	4B	1000				PR100 AT479	5300
TERRAIN	361303.00N/0822215.00W	3520 (3500)								AS1500	5000

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL

FROM

AFTEN

TO

CABYA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>					<u>HMAS</u>	
1.00	8.12										
<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	360733.00N/0823048.00W	3363	215	8	4B	1000				PR150 AT787	5300
TERRAIN	361418.00N/0822412.00W	2929 (2900)								AS1500	4400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

UWOVU

TO

CABYA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>					<u>HMAS</u>	
1.00	8.00										
<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	361451.00N/0822327.00W	3225	215	8	4B	1000				AT1025	5300
TERRAIN	361321.00N/0822524.00W	2857 (2900)								AS1500	4400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

CABYA (IF/IAF)

TO

ACABE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	5.03										
<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 (47-000168)	361607.00N/0822020.00W	3554	500	125	5E	500				AC125 PR70 AT351	4600
TERRAIN	361557.00N/0822109.00W	3297 (3300)								AS1000	4300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM

ACABE

TO

ZURVI

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	3.01										
<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	361639.00N/0822006.00W	2628	215	8	4B	500				AT572	3700
TERRAIN	361645.00N/0821706.00W	1965 (2000)								AS1500	3500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV

FROM

ZURVI

TO

RW06

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>			<u>HMAS</u>	
0.30	5.29		RW06				1505(A), 1585(B), 1685(C)				
<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>
CAT A: AAO	361942.00N/0821400.00W	2231	215	8	4B	250				PR60 MA520	3080
CAT B: AAO	361942.00N/0821400.00W	2231	215	8	4B	250				PR60 MA600	3160
CAT C: AAO	361942.00N/0821400.00W	2231	215	8	4B	250				PR60 MA700	3260

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

CABYA

TO

P-6

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-6	<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>
AAO	361303.00N/0822215.00W	3721	215	8	4B	1000				PR160 AT419	5300
TERRAIN	361303.00N/0822215.00W	3520 (3500)								AS1500	5000

COMPUTATIONS

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

SEGMENT REMARKS:



MISSSED APPROACH: LNAV

FROM

RW06

TO

CABYA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00											2920
<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>
CAT A: TREE	362329.91N/0821050.12W	2980	50	20	2C		ASC				5300
CAT B: AAO	361918.29N/0820755.72W	3360	50	20	2C		ASC				5300
CAT C: TREE	362339.29N/0821050.96W	3180	50	20	2C		ASC				5300
AAO	361303.00N/0822215.00W	3721	215	8	4B	1000				SA-94 PR170	4800
TERRAIN	362042.00N/0820503.00W	3418 (3400)								AS1500	4900

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

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
CATEGORY A											
TREE	362103.00N/0821012.00W	1.33	1487	2453	215	8	4B	300		SI	3080
CATEGORY B											
TREE	362103.00N/0821012.00W	1.88	1567	2453	215	8	4B	300		SI	3160
CATEGORY C											
TREE	362000.00N/0820800.00W	2.97	1667	2814	215	8	4B	300		SI	3260

CIRCLING REMARKS:

MSA

CENTER

RW06

RADIUS

25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	AAO	360618.00N/0820721.00W	176	16.0	6480	215	8	4B	1000			7500

MSA REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

TRI-CITY APP CON, ZTL ARTCC, BNA FSS

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
AWOS-3PT	0A9	24	0A9		Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	TRI	24	TRI	12.91	Y	43

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME.
0A9 1593, TRI 1496.
RA = 42.7.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW06 - REIL (PCL), LIRL (PCL), SAVASI2L (PCL)		NPI-G	
RW24 - LIRL (PCL)		NPI-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
					3.75	36.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	97
ON CENTERLINE	X	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

PENETRATIONS REMARKS:

NO SURVEY DATA AVAILABLE FOR AIRPORT 0A9. 20:1 AND 34:1 PENETRATIONS ASSUMED.



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDP NOT ESTABLISHED - NO SURVEY AND ASSUMED 20:1 PENETRATIONS.

PROCEDURE NA AT NIGHT DUE TO NO SURVEY.

CIRCLING NA NW OF RWY 6-24 DUE TO HIGH TERRAIN.

MISSED APPROACH SPEED RESTRICTED TO REDUCE SIZE OF CAT C TURNING OEA AND AVOID TERRAIN.

VEGETATION HEIGHT: 100 FT.

CONTINGENCY NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TRI ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET.

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	057.56
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	2100
DISTANCE FROM	THLD	TO 1500FT POINT	5.09
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	057.56
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	2100

THRESHOLD COORDINATES (IF STR-IN)	362204.88N/0821046.63W
ARP COORDINATES	362216.40N/0821024.30W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 24 DISTANCE 0.49 NM
FAF COORDINATES	361914.39N/0821618.48W
FIX NAME COORDINATES	

REMARKS

THLD DISPLACED 97FT, ACTUAL COORDINATES: 362204.37N/0821047.63W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
RICHARD BRUCE	AJV-A422	12/23/2025	AERONAUTICAL INFORMATION SPECIALIST

