

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> THA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1E	<u>CITY</u> TULLAHOMA	<u>STATE</u> TN
<u>AIRPORT ELEVATION</u> 1084	<u>TDZE</u> 1082	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1D	<u>DATED</u> 06/15/2023
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 APRIL 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 3W
				<u>EPOCH YEAR</u> 2005
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WAKEE	IAF	LOYSI	NOPT	TF	FB	1.00	250.63	8.81	3000
PECON	IAF	LOYSI	NOPT	TF	FB	1.00	112.39	7.49	3000
LOYSI	IF/IAF	TETCO		TF	FB	1.00	182.84	6.09	2500
TETCO	FAF	ALORE/2.10 NM TO RW18		TF	FB	0.30	182.84	2.22	
ALORE/2.10 NM TO RW18		RW18	MAP	TF	FO	0.30	182.84	2.10	
RW18	MAP	1484 MSL		CA			182.84		
1484 MSL		KOJAK		DF	FO	1.00			3400

MISSED APPROACH

MAP:

LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3400 DIRECT KOJAK AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | |
|--|--------------------|--------------------|-----------------------|------------------------|---------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD N LOYSI, LT, 182.84 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000. | | | | | |
| 3. FAC: 182.84 | FAF: TETCO | | DIST FAF TO MAP: 4.32 | DIST FAF TO THLD: 4.32 | |
| 4. MIN ALT: LOYSI 3000, TETCO 2500, ALORE/2.10 NM TO RW18 1780 | | | | | |
| 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: RW18 3400 | | | | | |



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING NA TO RWYS 9 AND 27.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WAKEE ON V16 EASTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PECON ON V321 SOUTHWEST BOUND.
CHART NOTE: STRAIGHT-IN RWY 18 NA AT NIGHT, CIRCLING RWY 18, 36 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 002.84 INBOUND.
CHART FAS OBST: 1245 TREE (47-115662) 352436N/0861520W.
CHART CIRCLING ICON.
TETCO TO RW18: 3.00/45.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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	1500	1	418	1500	1	418	1500	1 1/8	418	1500	1 1/8	418			
CIRCLING	1540	1	456	1580	1	496	1620	1 1/2	536	1640	2	556			

CHANGES - REASONS

1. MAP: REMOVED LPV AND LNAV/VNAV - LPV AND LNAV/VNAV MINIMUMS REMOVED.
2. TERMINAL ROUTES: CA LEG UPDATED FROM 1436 MSL TO 1484 MSL - IAW 8260.58C 3-5-2 B. LNAV AND CIRCLING MINS ONLY.
3. NOTES: REMOVED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 37°C" - LNAV/VNAV MINIMUMS REMOVED.
4. ADDITIONAL FLIGHT DATA: REMOVED LTP HAE:300.3 M, WAAS CHANNEL #63023 AND REFERENCE PATH ID: W18A - IAW 8260.19J 8-6-11 J. LPV AND LNAV/VNAV APPROACHES REMOVED.
5. ADDITIONAL FLIGHT DATA: ADDED "TETCO TO RW18: 3.00/45" - IAW 8260.19J 8-6-11.O.(1).
6. PROFILE LINE 5: REMOVED 354 HAT: 1.00 - IAW 8260.19J 8-6-7 E(3) LPV AND LNAV/VNAV MINIMUMS REMOVED.
7. PROFILE LINE 6: REMOVED MIN GP INCPT AND GP ALT AT FAF - IAW 8260.19J 8-6-7 F.
8. MINIMUMS: REMOVED LPV AND LNAV/VNAV MINIMUMS - AIRPORT UNABLE TO CLEAR SURVEYED VGS PENETRATIONS.
9. FAS DATA REMOVED - IAW 8260.19J 8-6-20, LPV APPROACH WAS REMOVED.



COORDINATED WITH:

A4A

☐

ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

☒

OTHER: ZME, AMGR

FLIGHT CHECKED BY

GEORGE E SEARLES

Digitally signed by

DAVID DANNER

Jan 24, 2025

OFFICE

AJF

DATE

01/16/2025

DEVELOPED BY

DAVID DANNER (GEORGE H. TYLER)

Digitally signed by

DAVID DANNER

Jan 24, 2025

OFFICE

AJV-A421

DATE

09/23/2024

APPROVED BY

DAVID DANNER

Digitally signed by

DAVID DANNER

Jan 24, 2025

OFFICE

AJV-A421

DATE

02/20/2025

TITLE

MANAGER

