

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> KTHA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1D	<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SUPERSEDED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> 1C	<u>DATED</u> 04/23/2020	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 JUNE 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
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	1436 MSL		CA			182.84		
1436 MSL		KOJAK		DF	FO	1.00			3400

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3400 DIRECT KOJAK AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. INCORPORATED P-NOTAM 1/2660 FOR AMDT 1C INTO FORM.
2. TERMINAL ROUTES: REMOVED FEEDER SEGMENT FROM NOGIC - V67 SEGMENT CANCELLED.
3. PROFILE LINE 4: UPDATED MIN ALT FROM "LOYSI 3000, TETCO 2500, ALORE/2.10 NM TO RW18 1780*" TO "LOYSI 3000, TETCO 2500, ALORE/2.10 NM TO RW18 1780" - * NO LONGER REQUIRED IAW 8260.19I 8-6-7.
4. TERMINAL ROUTES: REMOVED FIX TYPE "PFAF" FROM LOYSI TO TETCO LEG AND UPDATED RNP FROM "0.50" TO "1.00" - IAW 8260.19I 8-6-4, 8260.58B 8-6-8.
5. TERMINAL ROUTES: UPDATED CA LEG FROM "1433 MSL" TO "1436" MSL - TO MATCH CURRENT MINS.
6. TERMINAL ROUTES: ADDED RNP 1.00 TO MA LEG - IAW 8260.19I 8-6-4.
7. PROFILE LINE 5: ADDED 354 HAT: 1.00 - IAW 8260.19 8-6-7.
8. PROFILE LINE 7: ADDED 20:1 IS NOT CLEAR - IAW 8260.19I 8-6-7.
9. PBN REQUIREMENT NOTES: ADDED "RNP APCH - GPS" - IAW 8260.19I 8-6-8.
10. NOTES: REMOVED CHART NOTE: DME/DME RNP-0.3 NA" - NO LONGER REQUIRED.
11. REMOVED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NASHVILLE INTL ALTIMETER SETTING AND INCREASE ALL DA 182 FEET AND MDA 200 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 3/4 MILE, INCREASE LNAV CAT C AND D VISIBILITY 5/8 MILE, INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE AND INCREASE CIRCLING CAT D VISIBILITY 1/2 MILE"; UPDATED AND PUBLISHED MINIMUMS NOTES ON 8260-9 REMARKS.
12. NOTES: UPDATED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C (2°F) OR ABOVE 37°C (98°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 37°C" - IAW 8260.19I 8-6-9.
13. NOTES: REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NOGIC ON V67 SOUTHEAST BOUND" - FEEDER SEGMENT REMOVED.
14. NOTES: ADDED CHART NOTE: CIRCLING NA TO RWYS 9 AND 27 - RWYS 9 AND 27 ARE TURF.
15. NOTES: ADDED CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - IAW 8260.19I 8-6-11.
16. NOTES: ADDED CHART NOTE: RWY 18 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT - IAW 8260.19I 8-6-11.
17. NOTES: UPDATED CHART PROFILE NOTE FROM "VGSI AND DESCENT ANGLES NOT COINCIDENT" TO "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19I 8-6-9.
18. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "1239 TREE 352418N/0861506W" TO "1245 TREE (47-115662) 352436N/0861520W" - UPDATED OBSTACLE EVALUATION, NEW CONTROLLING OBSTACLE.
19. MINIMUMS: ALTERNATE: UPDATED FROM NA TO "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.19I 8-6-11.
20. MINIMUMS: UPDATED LPV ALL CATS VISIBILITY FROM "1 1/4" TO "1" - IAW 8260.3E TABLE 3-3-1.
21. MINIMUMS: UPDATED LNAV/VNAV ALL CATS VISIBILITY FROM "1 5/8" TO "1 3/8" - IAW 8260.3E TABLE 3-3-1.
22. MINIMUMS: UPDATED CAT B MDA/HAA FROM "1560/HAA 476" TO "1580/496", CIRCLING CAT C CMDA/HAA FROM "1580/496" TO "1620/536" - NEW CONTROLLING OBSTACLE.
23. CRC REMAINDER CHANGED FROM FC01960F TO F92D3D67 - LTP LAT/LONG CHANGED FROM 352317.1235N/0861436.8435W TO 352317.1215N/0861436.8410W, PFAF LAT/LONG CHANGED FROM "352147.8800N/0861436.5400W" TO "352147.8835N/0861436.5520W."

COORDINATED WITH:

A4A ☐

ALPA ☒

AOPA ☒

APA ☐

HAI ☐

NBAA ☒

OTHER: ZME, AMGR

FLIGHT CHECKED BY
ROBERT E WILLIAMS

Digitally signed by
ERIC N SUSKI
Apr 19, 2023

OFFICE
FPO
DATE
04/18/2023

DEVELOPED BY
ERIC N SUSKI (JUDITH TUTTLE)

Digitally signed by
ERIC N SUSKI
Feb 22, 2023

OFFICE
AJV-A431
DATE
12/28/2022

APPROVED BY
ERIC N SUSKI

Digitally signed by
ERIC N SUSKI
Feb 22, 2023

OFFICE
AJV-A431
DATE
TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTHA
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	352317.1215N
LTP/FTP LONGITUDE	0861436.8410W
LTP/FTP ELLIPSOIDAL HEIGHT	+03003
FPAP LATITUDE	352147.8835N
FPAP LONGITUDE	0861436.5520W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F92D3D67

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+03288
FPAP ORTHOMETRIC HEIGHT	+03288

