

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 24	<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SUPERSEDED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 24	<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>
KELPY	IAF	IDEYA	NOPT	TF	FB	1.00	310.97	6.00	3500
FOSUL	IAF	IDEYA	NOPT	TF	FB	1.00	161.46	8.35	3500
IDEYA	IF/IAF	HUSKU		TF	FB	1.00	240.91	6.04	2700
HUSKU	FAF	WASUP/2.00 NM TO RW24		TF	FB	0.30	240.85	2.94	
WASUP/2.00 NM TO RW24		RW24	MAP	TF	FO	0.30	240.82	2.00	
RW24	MAP	1332 MSL		CA			240.82		
1332 MSL		EXEGE		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW24

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT EXEGE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
10
CHECKED

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. TERMINAL ROUTES: UPDATED IDEYA TO HUSKU RNP FROM "0.50" TO "1.00" - IAW 8260.19I 8-6-4, 8260.58B 8-6-8.
4. TERMINAL ROUTES: UPDATED CA LEG FROM "1331 MSL" TO "1332" MSL - TO MATCH CURRENT MINS.
5. TERMINAL ROUTES: ADDED RNP 1.00 TO MA LEG - IAW 8260.19I 8-6-4.
6. PROFILE LINE 4: UPDATED MIN ALT FROM "IDEYA 3500, HUSKU 2700, WASUP/2.00 NM TO RW24 1760*" TO "IDEYA 3500, HUSKU 2700, WASUP/2.00 NM TO RW24 1760" - * NO LONGER REQUIRED IAW 8260.19I 8-6-7.
7. PROFILE LINE 5: ADDED 250 HAT: 0.68 - IAW 8260.19 8-6-7.
8. PROFILE LINE 7: ADDED 20:1 IS 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 ALL CATS VISIBILITY 1/2 SM, INCREASE LNAV/VNAV ALL CATS VISIBILITY 3/4 SM, INCREASE LNAV CAT C AND D VISIBILITY 5/8 SM, INCREASE CIRCLING CAT C VISIBILITY 1/4 SM AND INCREASE CIRCLING CAT D VISIBILITY 1/2 SM"; 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 24 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - IAW 8260.19I 8-6-11.
16. NOTES: UPDATED CHART PROFILE NOTE FROM "VGSI AND RNAV GLIDEPATH NOT COINCIDENT" TO "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19I 8-6-9.
17. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "1218 TOWER 352259N/0861338W" TO "1231 TOWER (47-115232) 352259N/0861339W" - UPDATED OBSTACLE EVALUATION, NEW CONTROLLING OBSTACLE.
18. MINIMUMS: ALTERNATE: UPDATED FROM NA TO "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.19I 8-6-11.
19. MINIMUMS: UPDATED LNAV ALL CATS DA/HAT FROM "1480/398" TO "1500/418" AND CAT C/D VISIBILITY FROM "1" TO "1 1/8" - NEW OBSTACLE SURVEY, NEW CONTROLLING OBSTACLE, IAW 8260.3E TABLE 3-3-1.
20. MINIMUMS: UPDATED CIRCLING CAT B CMDA/HAA FROM "1560/HAA 476" TO "1580/496", CAT C CMDA/HAA FROM "1580/496" TO "1620/536" - NEW CONTROLLING OBSTACLE.
21. CRC REMAINDER CHANGED FROM 62D878F2 TO 1495399C - FPAP LAT/LONG CHANGED FROM "352218.6400N/0861601.7500W" TO "352218.6275N/0861601.7515W," LTP/FTP LAT/LONG CHANGED FROM "352306.1960N/0861429.5640W" TO "352306.1995N/0861429.5650W."

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

12/21/2022

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	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	352306.1995N
LTP/FTP LONGITUDE	0861429.5650W
LTP/FTP ELLIPSOIDAL HEIGHT	+03008
FPAP LATITUDE	352218.6275N
FPAP LONGITUDE	0861601.7515W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	1495399C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+03293
FPAP ORTHOMETRIC HEIGHT	+03293

