

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 36	<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SUPERSEDED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 36	<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>
ATWUS		RACSO		TF	FB	1.00	127.36	8.72	3400
SYI VOR/DME		KOJAK		TF	FO	1.00	159.39	24.09	3500
RACSO	IAF	KOJAK	NOPT	TF	FB	1.00	072.78	7.00	3400
NONCI	IAF	KOJAK	NOPT	TF	FB	1.00	292.94	7.00	3400
KOJAK	IF/IAF	WEKSI		TF	FB	1.00	002.84	6.04	2700
WEKSI	FAF	ENIME/2.10 NM TO RW36		TF	FB	0.30	002.84	2.84	
ENIME/2.10 NM TO RW36		RW36	MAP	TF	FO	0.30	002.84	2.10	
RW36	MAP	1460 MSL		CA			002.84		
1460 MSL		LOYSI		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LP: RW36
 LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT LOYSI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S KOJAK, RT, 002.84 INBOUND, 3400 FT. IN LIEU OF PT (IAF), MAX 10000.

3. FAC: 002.84FAF: WEKSIDIST FAF TO MAP: 4.94DIST FAF TO THLD: 4.94

4. MIN ALT: KOJAK 3400, WEKSI 2700, ENIME/2.10 NM TO RW36 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 CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM: RW36 3400

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 9 AND 27.
CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: RWY 36 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ATWUS ON V321 NORTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SYI VOR/DME ON V16 WESTBOUND.

ADDITIONAL FLIGHT DATA:

WEKSI TO RW36: 3.00/45
HOLD N, LT, 182.84 INBOUND.
CHART FAS OBST: 1206 TREE (47-115448) 352138N/0861515W, 1162 TREE (47-115197) 352217N/0861432W.
1329 AAO 351818N/0861427W.
WAAS CHANNEL # 82424
REFERENCE PATH ID: W36A
CHART CIRCLING ICON.
LTP HAE: 301.2 M

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
LP MDA	1460	1	378	1460	1	378	1460	1	378	1460	1	378	QUALITY 10 CHECKED		
LNAV MDA	1460	1	378	1460	1	378	1460	1	378	1460	1	378			
CIRCLING	1540	1	456	1580	1	496	1620	1 1/2	536	1640	2	556			

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CHANGES - REASONS

1. INCORPORATED P-NOTAM 1/2660 FOR AMDT 1C INTO FORM.
2. TERMINAL ROUTES: REMOVED FEEDER SEGMENT FROM TOBAY - V67 SEGMENT CANCELLED. 3. PROFILE LINE 7: ADDED 20:1 IS NOT CLEAR - IAW 8260.19I 8-6-7.
4. PBN REQUIREMENT NOTES: ADDED "RNP APCH - GPS" - IAW 8260.19I 8-6-8.
5. NOTES: REMOVED CHART NOTE: DME/DME RNP-0.3 NA" - NO LONGER REQUIRED.
6. REMOVED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NASHVILLE INTL ALTIMETER SETTING AND INCREASE ALL MDA 200 FEET, INCREASE LP AND LNAV CAT C/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.
7. NOTES: ADDED CHART NOTE: CIRCLING NA TO RWYS 9 AND 27 - RWYS 9 AND 27 ARE TURF.
8. NOTES: ADDED CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - IAW 8260.19I 8-6-11.
9. NOTES: ADDED CHART NOTE: RWY 36 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT - IAW 8260.19I 8-6-11.
10. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "1209 TREE 352043N/0861507W, 1199 TREE 352155N/0861444W" TO "1162 TREE (47-115197) 352217.20N/0861431.90W, 1206 TREE (47-115448) 352137.69N/0861515.37W" - UPDATED OBSTACLE EVALUATION, NEW CONTROLLING OBSTACLE.
11. MINIMUMS: ALTERNATE: UPDATED FROM NA TO "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.19I 8-6-11.
12. NOTES: UPDATED CHART PROFILE NOTE FROM "VGSI AND DESCENT ANGLES NOT COINCIDENT" TO "VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19I 8-6-9.
13. MINIMUMS: UPDATED CIRCLING CAT B CMDA/HAA FROM "1560/476" TO "1580/496" AND CAT C CMDA/HAA FROM "1580/496" TO "1620/536" - NEW CONTROLLING OBSTACLE.
14. CRC REMAINDER CHANGED FROM 2DE23B6E TO ECD188A4 - FPAP LAT/LONG CHANGED FROM "352404.8000N/0861437.0000W" TO "352404.7750N/0861436.9955W," LTP/FPT LAT/LONG CHANGED FROM "352235.5600N/0861436.7000W" TO ""352235.5375N/0861436.7065W," LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "+03014" TO "+03012," LTP/FPAP ORTHOMETRIC HEIGHT CHANGED FROM "+03299" TO "+03297."

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

OFFICE
AJV-A431

DATE
12/19/2022

APPROVED BY
ERIC N SUSKI

Feb 22, 2023
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	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	352235.5375N
LTP/FTP LONGITUDE	0861436.7065W
LTP/FTP ELLIPSOIDAL HEIGHT	+03012
FPAP LATITUDE	352404.7750N
FPAP LONGITUDE	0861436.9955W
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)	0.0
CRC REMAINDER	ECD188A4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+03297
FPAP ORTHOMETRIC HEIGHT	+03297

