

**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> N57	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> TOUGHKENAMON	<u>STATE</u> PA		
<u>AIRPORT ELEVATION</u> 435	<u>TDZE</u> 435	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 9W	<u>EPOCH YEAR</u> 1965
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZEYNU	IF/IAF	ENUKE		TF	FB	1.00	234.83	5.00	2000
ENUKE	FAF	RW24	MAP	TF	FO	0.30	234.78	4.79	
RW24	MAP	835 MSL		CA			234.78		
835 MSL		DELFA		DF	FO	1.00			2200

**MISSED APPROACH**

**MAP:**

LP: RW24  
LNAV: RW24

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2200 DIRECT DELFA AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF      (IAF)
2. HOLD NE ZEYNU, RT, 234.83 INBOUND, 2200 FT. IN LIEU OF PT (IF/IAF), MAX 6000.
3. FAC: 234.78      FAF: ENUKE      DIST FAF TO MAP: 4.79      DIST FAF TO THLD: 4.79
4. MIN ALT:    ZEYNU 2200, ENUKE 2000
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:    RW24 2600



**PBN REQUIREMENTS NOTE:**

RNP APCH.

**NOTES:**

CHART NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
 CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN LOCAL ALTIMETER NOT RECEIVED, USE NEW CASTLE ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET. INCREASE LP CAT C VISIBILITY 3/8 SM, LNAV CAT C VISIBILITY 1/4 SM AND CIRCLING CAT C VISIBILITY 1/4 SM.

**ADDITIONAL FLIGHT DATA:**

ENUKE TO RW24: 3.00/45.  
 HOLD SW, RT, 054.63 INBOUND.  
 CHART FAS OBST: 645 POLE 395010N/0754602W, 630 AAO 395253N/0754256W.  
 679 AAO 395305N/0754112W.  
 WAAS CHANNEL # 70743  
 REFERENCE PATH ID: W24A  
 CHART CIRCLING ICON.  
 LTP HAE: 97.9 M

**MINIMUMS:**

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

**ALTERNATE:** NA

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LP MDA	880	1	445	880	1	445	880	1 1/8	445		NA				
LNAV MDA	900	1	465	900	1	465	900	1 3/8	465		NA				
CIRCLING	960	1	525	960	1	525	960	1 1/2	525		NA				

**CHANGES - REASONS**

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZNY ARTCC, PHL APCH, ARPT MGR

**FLIGHT CHECKED BY**

DANIEL KIRBY

*Digitally signed by*

**ALLAN WILL**

Nov 17, 2020

**OFFICE**

FICO

**DATE**

11/13/2020

**DEVELOPED BY**

TOMMY BYRNS

*Digitally signed by*

**TOMMY BYRNS**

Oct 06, 2020

**OFFICE**

AJV-A423

**DATE**

07/21/2020

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by*

**ALLAN WILL**

Nov 17, 2020

**OFFICE**

AJV-A420

**DATE**

**TITLE**  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	N57
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	395002.5825N
LTP/FTP LONGITUDE	0754554.1640W
LTP/FTP ELLIPSOIDAL HEIGHT	+00979
FPAP LATITUDE	394900.3335N
FPAP LONGITUDE	0754716.9700W
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	1624
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	DCB24988

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01309
FPAP ORTHOMETRIC HEIGHT	+01309

