

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> N79	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> SHAMOKIN	<u>STATE</u> PA		
<u>AIRPORT ELEVATION</u> 881	<u>TDZE</u> 879	<u>SUPERSEDED</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> ORIG-E	<u>DATED</u> 05/20/2021	<u>MAG VAR</u> 11W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 NOVEMBER 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>
SEG VOR/DME	IF/IAF	ZENGU		TF	FB	1.00	094.38	10.10	2500
ZENGU	FAF	YANUB/2.98 NM TO RW08		TF	FB	0.30	083.35	2.07	
YANUB/2.98 NM TO RW08		RW08	MAP	TF	FO	0.30	083.35	2.98	
RW08	MAP	2300 MSL		CA	FB		083.35		2300
2300 MSL		SEG VOR/DME		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW08

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2300 THEN CLIMBING RIGHT TURN TO 4000 DIRECT SEG VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD W SEG VOR/DME, RT, 094.37 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 083.35 FAF: ZENGU DIST FAF TO MAP: 5.05 DIST FAF TO THLD: 5.05

4. MIN ALT: SEG VOR/DME 4000, ZENGU 2500, YANUB/2.98 NM TO RW08 1840

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.74 GS ANT:

6. MIN GP INCPT: 2500 GP ALT AT PFAF : ZENGU 2500 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 40.0

8. MSA FROM: RW08 3900

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING SELINGSGROVE ALTIMETER SETTING.
CHART NOTE: RWY 08 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON SEG VOR/DME AIRWAY RADIALS 204 CW 047.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SELINGSGROVE ALTIMETER SETTING AND INCREASE LPV DA TO 1221 FEET; INCREASE LNAV/VNAV DA TO 1695 FEET AND ALL VISIBILITIES 1/2 SM. INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C 1/2 SM.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1339 TREE (42-039577) 404950N/0763714W.
1620 AAO 404732N/0763942W.
CHART VDP AT 2.21 NM TO RW08.
WAAS CHANNEL # 87024
REFERENCE PATH ID: W08A
LTP HAE: 226.7 M

MINIMUMS:

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

ALTERNATE: NA ☒

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
LPV DA	1129	1	250	1129	1	250	1129	1	250		NA		QUALITY 10 CHECKED		
LNAV/VNAV DA	1603	2	724	1603	2	724	1603	2	724		NA				
LNAV MDA	1620	1	741	1620	1 1/4	741	1620	2	741		NA				
CIRCLING	1820	1 1/4	939	1880	1 1/2	999	2120	3	1239		NA				

CHANGES - REASONS

1. DECREASED LPV DA/HAT FROM 1146/267 TO 1129/250. - NEW LPV CONTROLLING OBSTACLE, NO MA PENETRATIONS.
2. DECREASED LNAV/VNAV VISIBILITY FROM 2 1/2 TO 2. - UPDATED IAW 8260.3E TABLE 3-3-1.
3. DECREASED LNAV CAT C VISIBILITY FROM 2 1/2 TO 2. - UPDATED IAW 8260.3E TABLE 3-3-1.
4. UPDATED SEG VOR/DME TO ZENGU COURSE FROM 094.37 TO 094.38. - NEW EVALUATION COMPLETED.
5. UPDATED ZENGU TO YANUB DISTANCE FROM 2.05 TO 2.07; YANUB TO RW08 DISTANCE FROM 3.00 TO 2.98. - STEPDOWN FIX YANUB MOVED INLINE WITH VAA.
6. LINE 2: ADDED MAX ALTITUDE 6000. - UPDATED FORMS.
7. LINE 4: REMOVED *, AND *LNAV ONLY FROM NOTES. - NO LONGER REQUIRED.
8. LINE 5: ADDED DISTANCE TO THLD FROM 250 HAT: 0.74. REMOVED "DISTANCE TO THLD FROM 267 HAT: 0.71 NM" FROM ADDITIONAL FLIGHT DATA. - FORMS UPDATED.
9. LINE 7: ADDED 20:1 IS CLEAR. - NO 20:1 PENETRATIONS EXIST.
10. UPDATED CHART NOTE: FROM "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 08 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." - NO 20:1 PENETRATIONS; 34:1 PENETRATIONS EXIST.
11. REMOVED CHART NOTE: DME/DME RNP-0.3 NA; ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS. - IAW 8260.58B TABLE 1-2-1.
12. REMOVED CHART NOTE: PROCEDURE NA AT NIGHT. - NO 20:1 PENETRATIONS.
13. UPDATED CHART NOTE FROM "BARO-VNAV NA WHEN USING SELINSGROVE ALTIMETER SETTING" TO "BARO-VNAV AND VDP NA WHEN USING SELINSGROVE ALTIMETER SETTING." - VDP PUBLISHABLE, NO 20:1 PENETRATIONS.
14. UPDATED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F) UPDATED TO -16F TO 54C. - FAHRENHEIT REMOVED IAW 8260.19H.
15. UPDATED CHART PLANVIEW NOTE FROM "NOPT FOR ARRIVALS ON SELINSGROVE (SEG) VOR/DME AIRWAY RADIALS 204, 287 AND 320" TO "NOPT FOR ARRIVAL ON SEG VOR/DME AIRWAY RADIALS 204 CW 047." - NEW RADIALS TO DOCUMENT.
16. UPDATED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SELINSGROVE ALTIMETER SETTING FROM "INCREASE ALL DA 94 FEET AND ALL MDA 100 FEET, INCREASE LPV ALL CATS VISIBILITY 1/4 SM; LNAV/VNAV ALL CATS VISIBILITY 1/2 SM; AND LNAV CAT C VISIBILITY 1/2 SM" TO "INCREASE LPV DA TO 1221 FEET; INCREASE LNAV/VNAV DA TO 1695 FEET AND ALL VISIBILITIES 1/2 SM. INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C 1/2 SM." - UPDATED EVALUATION.
17. UPDATED ADDITIONAL FLIGHT DATA: CHART FAS OBST FROM "1339 TREE 404950N/0763714W, 1240 TREE 405001N/0763605W" TO "1339 TREE (42-039577) 404950N/0763714W." - NEW LNAV CONTROLLING OBSTACLE; LNAV/VNAV OBSTACLE NOT REQUIRED.
18. UPDATED ADDITIONAL FLIGHT DATA: 7:1 OBSTACLE FROM "1639 AAO 404732N/0763942W" TO "1620 AAO 404732N/0763942W." - NEW 7:1 OBSTACLE.
19. ADDED ADDITIONAL FLIGHT DATA: CHART VDP AT 2.21 NM TO RW08. - VDP PUBLISHABLE, NO 20:1 PENETRATIONS.
20. FAS DATA: FPAP LATITUDE/LONGITUDE UPDATED FROM 405034.9100N 0763137.3700W TO 405034.9090N 0763137.3695W. - NEW FPAP LOCATION.
21. FAS DATA: CRC REMAINDER UPDATED FROM A9A409F3 TO 116AA689. - FPAP LATITUDE/LONGITUDE UPDATED.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZNY, MDT APP CON, AMGR

FLIGHT CHECKED BY

NATHAN J CHOTT

Digitally signed by

DAVID TEFFETELLER

Jun 23, 2023

OFFICE

FPO

DATE

06/21/2023

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by

CASIMIR L TABAKA

May 17, 2023

OFFICE

AJV-A432

DATE

03/29/2023

APPROVED BY

CASIMIR TABAKA

Digitally signed by

CASIMIR L TABAKA

May 17, 2023

OFFICE

AJV-A430

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	N79
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	405008.0035N
LTP/FTP LONGITUDE	0763329.2885W
LTP/FTP ELLIPSOIDAL HEIGHT	+02267
FPAP LATITUDE	405034.9090N
FPAP LONGITUDE	0763137.3695W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1744
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	116AA689

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02598
FPAP ORTHOMETRIC HEIGHT	+02598

