

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 26	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> SHAMOKIN	<u>STATE</u> PA		
<u>AIRPORT ELEVATION</u> 881	<u>TDZE</u> 881	<u>SUPERSEDED</u> RNAV (GPS) RWY 26	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<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		USIGY		TF	FO	1.00	087.39	26.79	4200
DIANO	IAF	USIGY	NOPT	TF	FB	1.00	222.55	7.46	4000
USIGY	IF/IAF	NOHUB		TF	FB	1.00	263.57	5.00	2900
NOHUB	FAF	JUMUX/2.70 NM TO RW26		TF	FB	0.30	263.51	3.52	
JUMUX/2.70 NM TO RW26		RW26	MAP	TF	FO	0.30	263.51	2.70	
RW26	MAP	1281 MSL		CA			263.51		
1281 MSL		YUTYO		DF	FO	1.00			3400

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW26

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3400 DIRECT YUTYO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3400.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
10
CHECKED

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD E USIGY, RT, 263.57 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	263.51	FAF: NOHUB	DIST FAF TO MAP: 6.22	DIST FAF TO THLD: 6.22	
4. MIN ALT:	USIGY 4000, NOHUB 2900, JUMUX/2.70 NM TO RW26 1780				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	556 HAT: 1.61	GS ANT:
6. MIN GP INCPT:	2900	GP ALT AT PFAF :	NOHUB 2900	OM:	MM:
7. GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR
			TCH: 40.0		
8. MSA FROM:	RW26 3900				

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING SELINGSGROVE ALTIMETER SETTING.
CHART NOTE: RWY 26 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: PROCEDURE NA FOR ARRIVAL ON SEG VOR/DME AIRWAY RADIALS 020 CW 146.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DIANO ON V164 NORTHEAST BOUND AND ON T212 EASTBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SELINGSGROVE ALTIMETER SETTING AND INCREASE LPV DA TO 1529 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE LNAV/VNAV DA TO 1651 FEET AND ALL VISIBILITIES 5/8 SM. INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 083.34 INBOUND.
CHART FAS OBST: 1230 TREE (42-034027) 405113N/0763134W.
1900 AAO 405037N/0762359W.
CHART VDP AT 1.75 NM TO RW26.
WAAS CHANNEL # 50424
REFERENCE PATH ID: W26A
LTP HAE: 235.2 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	1437	1 5/8	556	1437	1 5/8	556	1437	1 5/8	556		NA				
LNAV/VNAV DA	1559	1 7/8	678	1559	1 7/8	678	1559	1 7/8	678		NA				
LNAV MDA	1480	1	599	1480	1	599	1480	1 3/4	599		NA				
CIRCLING	1820	1 1/4	939	1880	1 1/2	999	2120	3	1239		NA				

CHANGES - REASONS

1. INCREASED LPV DA/HAT FROM 1436/555 TO 1437/556, DECREASED VISIBILITY ALL CATS FROM 1 7/8 TO 1 5/8. - UPDATED IAW 8260.3E TABLE 3-3-1.
2. DECREASED LNAV/VNAV VISIBILITY ALL CATS 2 1/2 TO 1 7/8. - UPDATED IAW 8260.3E TABLE 3-3-1.
3. UPDATED FINAL COURSE NOHUB TO JUMUX FROM 263.50 TO 263.51, JUMUX TO RW26 FROM 263.46 TO 263.51. - UPDATED EVALUATION.
4. UPDATED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3000 DIRECT YUTYO AND HOLD" TO "CLIMB TO 3400 DIRECT YUTYO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3400." - CLIMB TO 3400 REQUIRED FOR AIRSPACE, CLIMB-IN-HOLD REQUIRED.
5. LINE 2: ADDED MAX ALTITUDE 6000. - UPDATED FORMS.
6. LINE 4: REMOVED *, AND *LNAV ONLY FROM NOTES. - NO LONGER REQUIRED.
7. LINE 5: ADDED DISTANCE TO THLD FROM 555 HAT: 1.61. REMOVED "DISTANCE TO THLD FROM 556 HAT: 1.61 NM" FROM ADDITIONAL FLIGHT DATA. - FORMS UPDATED.
8. LINE 7: ADDED 20:1 IS CLEAR. - NO 20:1 PENETRATIONS EXIST.
9. UPDATED CHART NOTE: FROM "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 26 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." - NO 20:1 PENETRATIONS; 34:1 PENETRATIONS EXIST.
10. REMOVED CHART NOTE: DME/DME RNP-0.3 NA; ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS. - IAW 8260.58B TABLE 1-2-1.
11. REMOVED CHART NOTE: PROCEDURE NA AT NIGHT. - NO 20:1 PENETRATIONS.
12. 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.
13. 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.
14. 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 VISIBILITY LPV ALL CATS 3/8 SM; LNAV/VNAV ALL CATS 1/4 SM; LNAV CAT C 1/4 MILE" TO "INCREASE LPV DA TO 1529 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE LNAV/VNAV DA TO 1651 FEET AND ALL VISIBILITIES 5/8 SM. INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C 1/4 SM." - UPDATED EVALUATION.
15. UPDATED ADDITIONAL FLIGHT DATA: CHART FAS OBST FROM "1230 TREE 405113N/0763134W" TO "1230 TREE (42-034027) 405113N/0763134W." - OBSTACLE ID ADDED IAW 8260.19I 8-6-10C.
16. UPDATED ADDITIONAL FLIGHT DATA: 7:1 OBSTACLE FROM "1840 AAO 405039N/0762400W" TO "1900 AAO 405037N/0762359W." - NEW 7:1 OBSTACLE.
17. ADDED ADDITIONAL FLIGHT DATA: CHART VDP AT 1.75 NM TO RW26. - VDP PUBLISHABLE, NO 20:1 PENETRATIONS.
18. FAS DATA: FPAP LATITUDE/LONGITUDE UPDATED FROM 404950.9000N 0763440.3000W TO 404950.9135N 0763440.2995W. - NEW FPAP LOCATION.
19. FAS DATA: CRC REMAINDER UPDATED FROM 1FD36B0A TO 08D17FEF. - FPAP LATITUDE/LONGITUDE UPDATED.
20. CHANGED CHART PLANVIEW NOTE FROM: "PROCEDURE NA FOR ARRIVAL ON SEG VOR/DME AIRWAY RADIALS 017 CW 146" TO: "PROCEDURE NA FOR ARRIVAL ON SEG VOR/DME AIRWAY RADIALS 020 CW 146" - UPDATE NOTE TO CURRENT CRITERIA.
21. CHANGED CHART PLANVIEW NOTE FROM: "PROCEDURE NA FOR ARRIVALS AT DIANO ON V499 NORTHBOUND AND V164 SOUTHEAST BOUND" TO: "PROCEDURE NA FOR ARRIVALS AT DIANO ON V164 NORTHEAST BOUND AND ON T212 EASTBOUND" - UPDATE TO CURRENT CRITERIA.

QUALITY
10
CHECKED

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

03/30/2023

APPROVED BY

CASIMIR TABAKA

Digitally signed by

CASIMIR L TABAKA

May 17, 2023

OFFICE

AJV-A430

DATE

TITLE
MANAGER

QUALITY
10
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	N79
RUNWAY	RW26
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	405017.8380N
LTP/FTP LONGITUDE	0763248.3965W
LTP/FTP ELLIPSOIDAL HEIGHT	+02352
FPAP LATITUDE	404950.9135N
FPAP LONGITUDE	0763440.2995W
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	08D17FEF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02684
FPAP ORTHOMETRIC HEIGHT	+02684

