

**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> KOYM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> 1F	<u>CITY</u> ST MARYS	<u>STATE</u> PA		
<u>AIRPORT ELEVATION</u> 1934	<u>TDZE</u> 1934	<u>SUPERSEDED</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> 1E	<u>DATED</u> 09/09/2021	<u>MAG VAR</u> 11W	<u>EPOCH YEAR</u> 2005
<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>
SLT VORTAC	IAF	MINSK		TF	FB	1.00	255.61	14.01	4000
ETG VORTAC	IAF	MINSK		TF	FB	1.00	348.67	12.79	4000
MINSK	IF	LYCEE		TF	FB	1.00	281.15	6.00	3600
LYCEE	FAF	ELOC/3.40 NM TO RW28		TF	FB	0.30	281.06	1.63	
ELOC/3.40 NM TO RW28		RW28	MAP	TF	FO	0.30	281.06	3.40	
RW28	MAP	2334 MSL		CA			281.06		
2334 MSL		PUNKS		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LNAV: RW28

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT PUNKS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. CORRECTED SEGMENT DISTANCE LYCEE-ELOC1 FROM 1.60 TO 1.63 AND ELOC1-RW28 FROM 3.43 TO 3.40 IN TERMINAL ROUTES - PER TARGETS BUILD. NO EFFECT TO PUBLISHED CHART.
2. REMOVED LPV LINE OF MINIMUMS AND ASSOCIATED DATA - AIRPORT ONLY HAS A LEGACY "D" TYPE SURVEY AND PER EASTERN FPT.
3. PROFILE LINE 5: DIST TO THLD FROM 356 HAT 0.99, LINE 6: MIN GP INCPT: 3600 AND GP ALT AT FAF: LYCEE 3600, LINE 7: GP ANGLE 3.00 AND TCH 40.0, ALL REMOVED - LPV MINIMUMS REMOVED.
4. UPDATED PBN REQUIREMENTS NOTE FROM 'RNP APCH' TO 'RNP APCH - GPS' - PER 8260.19I PARA. 8-6-8B(2).
5. CHANGED NOTE FROM 'INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS AND LNAV CAT A/B' TO 'INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT A' - LPV MINIMUMS REMOVED.
6. CHANGED NOTE FROM 'WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BRADFORD ALTIMETER SETTING AND INCREASE ALL DA/MDA 240 FT, LPV ALL CATS VISIBILITY 3/8 SM, LNAV CAT C/D 3/4 SM, AND CIRCLING CAT A/D 1/4 SM AND CAT B 1/2 SM AND CAT C 1 SM' TO 'WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BRADFORD ALTIMETER SETTING AND INCREASE ALL MDA 240 FEET, LNAV VISIBILITY CATS B/C/D 1/2 SM, AND CIRCLING VISIBILITY CAT B/C 1/2 SM' - LPV MINIMUMS REMOVED AND PER 8260.3E VISIBILITY TABLES 3-3-1, 3-3-3, 3-3-4, 3-3-7 AND 8260.19I PARA. 8-6-11N(1)(A).
7. ADDED NOTE 'FOR INOPERATIVE ALS, INCREASE LNAV CAT C/D VISIBILITY TO 2 1/2 SM' - PER 8260.3B VISIBILITY TABLE 3-3-1.
8. CHANGED NOTE FROM 'FOR INOPERATIVE ALS WHEN USING BRADFORD ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 3/4 SM AND LNAV CAT A/B TO 1 1/4 SM' TO 'FOR INOPERATIVE ALS WHEN USING BRADFORD ALTIMETER SETTING, INCREASE LNAV VISIBILITY CAT C/D TO 3 SM' - LPV MINIMUMS REMOVED AND PER 8260.3E VISIBILITY TABLE 3-3-1.
9. REMOVED PLANVIEW NOTES 'PROCEDURE NA FOR ARRIVALS AT ETG VORTAC ON AIRWAY RADIALS 276 CW 338' AND 'PROCEDURE NA FOR ARRIVALS AT SLT VORTAC ON AIRWAY RADIALS 289 CW 308' - THE RADIALS REFERENCED ARE FOR VICTOR AIRWAYS THAT HAVE SINCE BEEN CANCELED.
10. REMOVED NOTE "LNAV ONLY" AND ASSOCIATED ASTERISKS FROM VDP 2.08 NM TO RW28 AND FROM STEPDOWN ELOC1/3.40 NM TO RW28 3040 - NO LONGER REQUIRED.
11. CHARTED DUKE MOA - MATCHES LOC RWY 28 CHART
12. ADDED 'LYCEE TO RW28: 3.04/40' IN ADDITIONAL FLIGHT DATA - PER 8260.19I PARA. 8-6-10(O)(1).
13. UPDATED VDP LOCATION FROM 2.08 TO RW28 TO 2.45 TO RW28 - BASED ON A 3.04 DESCENT ANGLE AND INCREASE IN LNAV MDA/HAT.
14. RAISED LNAV MDA/HAT FROM 2290/356 TO 2760/826 AND CAT C/D VISIBILITY FROM 1 SM TO 2 SM - NEW CONTROLLING OBSTRUCTION IN THE STEPDOWN SEGMENT.
15. RAISED CIRCLING CAT A MDA/HAA FROM 2640/706 TO 2760/826, CAT B FROM 2660/726 TO 2760/826 AND CAT C FROM 2700/766 TO 2760/826 - MATCHES LNAV MDA/HAT PER 8260.3E PARA. 3-2-1H.
16. INCREASED CIRCLING CAT A/B VISIBILITY FROM 1 SM TO 1 1/4 SM, CAT C VISIBILITY FROM 2 SM TO 2 1/2 SM AND CAT D VISIBILITY FROM 2 3/4 SM TO 3 SM - DUE TO INCREASE IN CIRCLING CAT A/B/C MDA/HAA AND 8260.3E TABLE 3-3-7.
17. ADDED ALTERNATE MINIMUMS - KOYM AWOS NOW DISSEMINATED ON WMSCR AND PER 8260.3E SECTION 3-4.
18. CHANGED FAS OBSTACLE FROM 2279 TREES 412417N/0782629W TO 2500 AAO 412429N/0782503W IN ADDITIONAL FLIGHT DATA - PER 8260.19I PARA. 8-6-10C NOTE.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOB, ARPT MGR

FLIGHT CHECKED BY

TERRY HESTER

Digitally signed by

RAKE MCGRAW

Sep 07, 2023

OFFICE

FPO

DATE

09/06/2023

Digitally signed by

RALPH DUMAR

Aug 01, 2023

OFFICE

AJV-A422

DATE

07/11/2023

APPROVED BY

MARLON ROBINSON

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RAKE MCGRAW

Sep 07, 2023

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DATE

TITLE
MANAGER

