

**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 10	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> ST MARYS	<u>STATE</u> PA		
<u>AIRPORT ELEVATION</u> 1934	<u>TDZE</u> 1909	<u>SUPERSEDED</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> 1C	<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>
DETPE	IAF	PUNKS		TF	FB	1.00	123.11	12.30	4000
PUNKS	IF	CIMLO		TF	FB	1.00	100.82	6.08	3600
CIMLO	FAF	RW10	MAP	TF	FO	0.30	100.91	5.13	
RW10	MAP	2334 MSL		CA			100.91		
2334 MSL		MINSK		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LNAV: RW10

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT MINSK AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

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

2. PROFILE STARTS AT PUNKS

3. FAF: 100.91 FAF: CIMLO DIST FAF TO MAP: 5.13 DIST FAF TO THLD: 5.13

4. MIN ALT: PUNKS 4000, CIMLO 3600

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 CLEAR TCH:

8. MSA FROM: RW10 4200

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: VDP NA WHEN USING BRADFORD ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BRADFORD ALTIMETER SETTING AND INCREASE ALL MDA 240 FEET, AND LNAV VISIBILITY CAT A/B 1/4 SM, VISIBILITY CAT C/D 5/8 SM, AND CIRCLING VISIBILITY CAT A/B 1/2 SM, VISIBILITY CAT C 3/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 281.15 INBOUND.
CHART FAS OBST: 2161 TOWER (42-000542) 412456N/0783355W.
CHART DUKE MOA.
CHART VDP AT 1.99 NM TO RW10.
CIMLO TO RW10: 3.04/40.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 1000-3, 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
LNAV MDA	2580	1	671	2580	1	671	2580	1 7/8	671	2580	1 7/8	671			
CIRCLING	2620	1	686	2660	1	726	2700	2 1/4	766	2840	3	906			



CHANGES - REASONS

1. REMOVED LPV LINE OF MINIMUMS - AIRPORT ONLY HAS A LEGACY "C" TYPE SURVEY AND PER EASTERN FPT.
2. CHANGED FINAL APPROACH COURSE FROM 100.90 TO 100.91 - DETERMINED BY TARGETS BUILD. NO CHANGE IN FIX LOCATION OR GROUND TRACK.
3. PROFILE LINE 5, 6 AND 7: DISTANCE 260 HAT: 0.71, MIN GP INCPT: 3600 AND GP ALT AT FAF: CIMLO 3600, AND GP ANGLE 3.00, TCH 40.0 REMOVED - LPV MINIMUMS REMOVED.
4. CHANGED NOTE FROM 'WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BRADFORD ALTIMETER SETTING AND INCREASE ALL DA/MDA 240 FEET, AND LPV ALL CATS VISIBILITY 3/4 SM, LNAV CAT A/B 1/4 SM AND CAT C/D 5/8 SM, AND CIRCLING CAT A 1/4 SM, CAT B 1/2 SM, CAT C 3/4 SM' TO 'CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BRADFORD ALTIMETER SETTING AND INCREASE ALL MDA 240 FEET, AND LNAV VISIBILITY CAT A/B 1/4 SM, VISIBILITY CAT C/D 5/8 SM, AND CIRCLING VISIBILITY CAT A/B 1/2 SM, VISIBILITY CAT C 3/4 SM' - LPV MINIMUMS REMOVED AND PER 8260.19I PARA. 8-6-11N(1)(A).
5. CHARTED DUKE MOA - MATCHES LOC RWY 28 CHART.
6. UPDATED VDP LOCATION FROM 2.00 TO RW10 TO 1.99 TO RW10 - BASED ON A 3.04 DESCENT ANGLE.
7. REMOVED NOTE '*LNAV ONLY' AND ASSOCIATED ASTERISK FROM VDP 2 NM TO RW10' - NO LONGER REQUIRED.
8. ADDED 'CIMLO TO RW10: 3.04/40' IN ADDITIONAL FLIGHT DATA - PER 8260.19I PARA. 8-6-10(O)(1).
9. INCREASED CIRCLING CAT C VISIBILITY FROM 2 SM TO 2 1/4 SM AND CAT D FROM 2 3/4 SM TO 3 SM - PER 8260.3E TABLE 3-3-7.
10. ALTERNATE MINIMUMS CHANGED FROM 'STANDARD - CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE' TO 'STANDARD - CAT C 800-2 1/4, CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE' - DUE TO INCREASE IN CIRCLING CAT C/D VISIBILITIES.

COORDINATED WITH:

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

Digitally signed by

FLIGHT CHECKED BY
TERRY HESTER

RAKE MCGRAW
Sep 07, 2023

OFFICE
FPO

DATE
09/06/2023

DEVELOPED BY
RALPH DUMAR

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TITLE
MANAGER

