

Registration:	C-GAPO	Type:	Piper PA-28-236	S/N:	28-7911292
Airframe Total Time:	1179.4	Engine Total Time:	1179.4	Date:	Nov 1, 2023

Maintenance Actions:

1. **1000 Hour Inspection** completed as per Piper Aircraft PA-28-236 Maintenance Manual Rev. August 1, 1986, and in accordance with CARs Standard 625 Appendix B Part 1 and Appendix C;
2. Fuel drained from aircraft to accommodate detailed inspection of fuel tanks. No discrepancies or corrosion found in fuel tanks. Fuel tanks filled with new fuel, engine run completed no leaks or defects found;
3. Left hand wing fairing crack repaired as per Piper Aircraft PA-28-236 Maintenance Manual Rev. August 1, 1986;
4. Grounding strap prepared in left hand wing fairing as per Piper Aircraft PA-28-236 Maintenance Manual Rev. August 1, 1986;
5. Elevator right hand static wick replaced P/N: SW10-95;
6. Baggage door seal replaced P/N: BA189-139;
7. Cylinder number 1, 2, 3, 4, 5, 6 exhaust gaskets replaced P/N: SL77611;
8. Cylinder number 1, 2, 3, 4, 5, 6 intake gaskets replaced P/N: 71973;
9. Cylinder number 1, 2, 3, 4, 5, 6 valve cover gaskets replaced P/N: SL75906;
10. Left hand tire tube replaced P/N: GL-6020N Tube 6.00X6;
11. Number 2 cylinder removed to borescope and inspect engine for corrosion. No corrosion found;
12. Pneumatic vacuum inlet filter replaced P/N: RAD9-18-1 (Alternate P/N 757-899);
13. New airframe lead acid battery installed P/N: RG-25XC S/N: 41331309;
14. New Halon 1211 Fire Extinguisher installed P/N: A344T S/N: H-37935271;
15. Repaired and repainted nose wheel fairing P/N: 35944-02;
16. Repaired and repainted left hand main wheel fairing P/N: 79890-900;
17. Repaired and repainted right hand main wheel fairing P/N: 79890-901;
18. Removed and installed the following cabin and cockpit equipment and furnishings:
19. Right hand wing safety walk surface compound removed and new compound re-applied P/N: 179-872 (Alternate P/N: 09-00823);
20. Brake system drained, flushed and serviced with Aeroshell Fluid 41; brakes bled as per Piper Aircraft PA-28-236 Maintenance Manual Rev. August 1, 1986;
21. Cabin door seal replaced P/N: BA189-139;
22. Engine differential pressure check completed, all cylinders within limits #1-75/80, #2-74/80, #3-70/80, #4-74/80, #5-74/80, #6-77/80;
23. Ignition Harness tested, all ignition leads within limits;
24. Co-pilot push to talk switch wiring repaired.

Airframe Airworthiness Directives:

1. **AD 98-21-21R1** Inflatable door seals: **N/A** STC not installed;
2. **AD 2001-23-17** Garmin GNS 430 units: **N/A** GNS not installed;
3. **AD 2005-01-19** Garmin GTX Transponders: **N/A** GTX Transponder not installed;
4. **AD 2005-11-05** STCSA2162N Standby vacuum pump: **N/A** STCSA2162N standby pump not installed;
5. **AD 2006-03-08** STCSA10126SC Vacuum pumps: **N/A** STCSA101262N vacuum pump not installed;
6. **AD 2010-15-10** (Ref: **SB1197E**) Possible incorrect assembled control wheel shaft: Pilot and Co-pilot control wheel shafts inspected as per Piper SB 1197E and both control shafts found to be in conformance with manufacturers specifications and correctly installed;
7. **AD 2013-02-13** (Ref: **SB1245A**) Stabilator Control System Inspection: Stabilator flight control cable turnbuckles removed, disassembled, and inspected as per Piper SB 1245A. No cracks or corrosion found. Turnbuckles re-installed, cable tension checked, stabilator control system rigged as per Piper 28-236 Maintenance Manual;
8. **AD 2017-14-04** Oil cooler hose inspection: **N/A** Reviewed and found this Airworthiness Directive previously complied with July 21, 2009, Oil cooler hoses Qty (2) replaced with TSO C53a Type D hoses. Repetitive AD no longer required;
9. **AD 2018-02-05** **N/A** Superseded by AD 2018-07-03;
10. **AD 2018-07-03** (Ref: **SB1309A**) Fuel tank selector placards examination: Fuel tank selector placards inspected as per Piper SB 1309A and found to be in compliance with correct configuration;
11. **AD 2019-01-02** Attitude and direction data: **N/A** Aspen Avionics EFD 100 Primary Flight Display not installed;
12. **AD 2022-03-15** Fuel quantity indicator: **N/A** Garmin G3XT touch Electronic Flight Instruments not installed;
13. **AD 2008-0183** Mod S transponder: **N/A** Funkwerk Avionics P/N TRT800A and TRT800H Transponders not installed;
14. **AD CF-90-03R2** Heat exchanger (muff heaters) inspection: Heat exchanger removed, inspected as per AD CF-90-03R2. No defects noted. Heat exchanger re-installed;
15. **CASA 2023-05** Suspected unapproved parts distribution by AOG Technics Limited: **N/A** Maintenance records inspected and there was no record found of installed parts from AOG Technics Limited.

Engine Airworthiness Directives:

1. **AD CF-2005-40** Engines overhauled by Aero Engines Limited: **N/A** Engine not overhauled by Aero engine Limited;
2. **AD F2005-023** Engines overhauled by Provence Aero Maintenance: **N/A** engines have not been overhauled by Providence Aero Maintenance;
3. **AD F-2001-139R1**: **N/A** AD has been cancelled;
4. **AD 2012-19-01**: Lycoming Engine crankshaft: **N/A** Engine has not been overhauled or repaired;
5. **AD 2009-26-12**: Cracks at the Head-TO-Barrel interface in cylinder assemblies: **N/A** engine has not been overhauled or cylinder assemblies replaced;
6. **AD 2007-04-19R1** Superior Air parts Inc. Cylinder assemblies manufactured between April 2005 and November 2005: **N/A** engine has not been overhauled or cylinder assemblies replaced;
7. **AD 2006-20-09** Lycoming MSB 569A: **N/A** Superseded by AD 2012-19-01;
8. **AD 2006-12-07** To prevent loss of engine power due to cracks in cylinder assemblies: **N/A** Engine has not been overhauled or had any major repair since new;

Service Bulletins

1. **SB 1342A**: One-time inspection of Stabilator Attach Fitting Assemblies for nonconforming fittings: Stabilator attach fittings inspected as per SB 1342A and fittings found to be in conformance with manufacturer type design.
2. **SB 1399** Wing Rib Inspection: Airframe logbook inspected for the installation of RH Nose Rib, Station 206.70 Piper part number 35615-003 or RH Nose Rib Assembly, Station 206.70, Piper P/N 35615-001, between the dates of May 1st, 2021, through March 9th, 2023. Inspection of logbook determined no Nose Rib Assemblies were replaced.

A/C Reg: C-GAPO

Date: October 5, 2023

- Avionics Maintenance Only -


Canadian Avionics & Instruments Ltd.

AMO 58-89

- Removed Altimeter, p/n: 5934PD-1, s/n: R1176, Encoder, p/n: A-30, s/n: 35131, Transponder, m/n: KT-78A, p/n: 066-1062-01, s/n: 5845 and VSI, p/n: 7000, s/n: K9301.
- Recertified Altimeter in accordance with CAR 571, appendix B, paras. (b thru c) up to 20,000 Ft. Recertified Encoder and performed integration test in accordance with CAR 571, appendix F, para. (k) up to 20,000 FT. Performance tested Transponder in accordance with CAR 571, appendix F, paras. (a thru d).
- VSI tested and recertified as per United Instrument manual, p/n: UI7000.
- Reinstalled the above equipment. Troubleshoot and repaired pitot and static leaks. Performed pitot / static leak test and Transponder interrogation test in accordance with CAR 571, appendix B, para. (a) and CAR 571, appendix F, para. (k).
- Equipment was tested on **October 4, 2023**.

Reference WO: A19108

The maintenance described above has been performed in accordance with the applicable standard of airworthiness.

Signature/Stamp: 



Outstanding Defects

1. No ELT installed;
2. Magnetic Standby Compass out of calibration;