



MEMORANDUM FOR RECORD

Engine Maintenance Logbook

Peter Wentz
Air Safety Investigator
Eastern Region Aviation

Date: October 30, 2019
NTSB Accident Number: ERA20FA021
Excerpts from the Engine Logbook

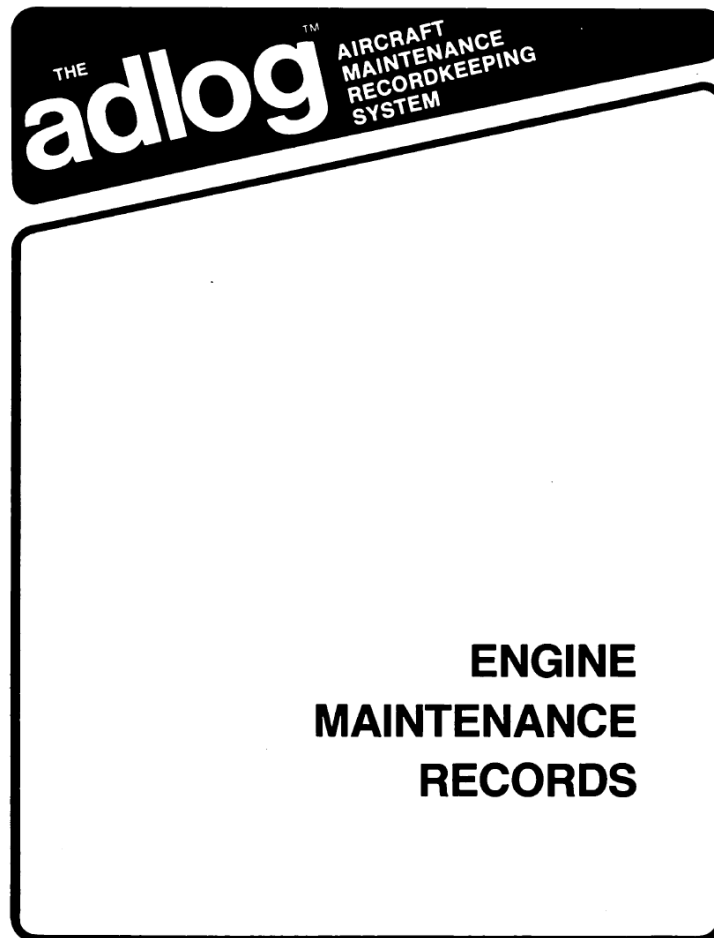


Figure 1 – Engine maintenance logbook for N56258.

THUMBS UP AIR SERVICE

DATE: 5/26/03 REGISTRATION: N56258 TACH TIME: 221.4
Engine TT: 2164.59 SMOH: 301.67

Removed defective vacuum pump model no. 211cc and installed serviceable vacuum pump model no. 215cc Serial no. 2AR-1508. Changed vacuum regulator filter B3-5-1 and central gyro filter P/N: D9-18-1. Performed engine run-up and operational checks, all checks found satisfactory at this time.




Michael A. Strickland
A&P 

Figure 2 – Last engine maintenance logbook entry for the vacuum pump.

Thumbs UP Services LLC

DATE: 09/17/2019 REGISTRATION: N56258 TACH TIME: 793.7
Engine TT: 2756.89 TSMOH: 873.97

Engine **ANNUAL** inspection items accomplished in reference to Piper Inspection checklist and FAR 43 Appendix D. Compressions checked with the following results: #1 75/80, #2 75/80, #3 76/80, #4 74/80. Drained oil removed and inspected filter no defects noted at this time. Installed new oil AA48110-2 oil filter and serviced engine with 7 qts of Aeroshell W100 Plus oil and one pint of AvBlend. Installed new BA-10 air filter, minor repair to box to ensure lid closed. Checked magneto timing. Cleaned and tested "bomb" test satisfactory. Installed new left and right magneto ignition harness Kelly model number KA12423. C/W **AD 15-19-07** by inspection per SB 342G diagram 3, no defects noted at this time. **CW AD17-14-04** by visual and flex test as recommended in AD, this AD no longer applicable due to TSO C53a Type D Hoses installed. All AD's checked thru Bi-Weekly **2019-18**. **The owner was reminded again that although the engine is testing as airworthy it is past the Textron Lycoming overhaul period based on years.**

I certify this **ENGINE** has been repaired and inspected in accordance with an **ANNUAL** inspection and was determined to be in airworthy condition, to the above mentioned work and is approved for return to service.

Michael A. Strickland - A&P  Signed: 

Figure 3 – Annual inspection for N56258.