

THE
adlogTM SYSTEM

**AIRCRAFT
MAINTENANCE
RECORDS**

THE
adlogTM

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N52696

Engine Manufacturer LYCOMING

Model I0-360-ALB6D

Serial No. L-17350-51A

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

- | | |
|--------------------------------|-------------------------------|
| <input type="checkbox"/> Right | <input type="checkbox"/> Left |
| <input type="checkbox"/> Front | <input type="checkbox"/> Rear |



(All applicable information must be filled in)

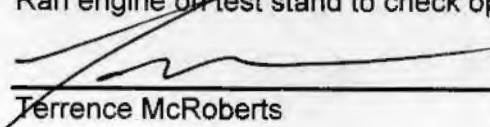
AEROTECH PUBLICATIONS INC.

P.O. Box 1359 / Southold, NY 11971-0965

(631) 765-9375

1-800-235-6444

FAX: (631) 765-9359

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED — SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
10/30/2022				IO-360-A1B6D S/N L-17350-51A
				Eng TT: TSO:
				Disassembled engine for tear down inspection and crank case change. All parts cleaned and visually inspected. Engine assembled in accordance with overhaul manual 60294-7 and parts manual P-406-1 with new crankcase, new main bearings, new rod bolts, new rod nuts, new rod bearings, new lifters, new gaskets and seals. Cylinders cleaned, inspected, leak checked and honed for ring finish. Installed new piston rings. Ran engine on test stand to check operation.
				 Terrence McRoberts AP 3835037
3/22/2023	2873.8	1,127.6	2873.8	Changed oil + Filter AEROSHELL W100 PLUS - 7 quarts Tempest oil filter AA48103-2 and 11.2 oz. CAM GUARD By owner Mary Stephan #3019264

BravoX 330 AVIATION WAY
FREDERICK, MD 21701
Maintenance 240-651-1941

DATE: 06/30/2023; AIRCRAFT: N52696 MODEL: IO-360 A1B6D; S/N: L-17350-51A; TACH: 2882.69; HOBBS: N/A
SHOP ORDER #: 2023060602

ENGINE LOG ENTRY:

DRAINED OIL, REMOVED FILTER, AND CUT OPEN, NO DISCREPANCIES. INSTALLED NEW FILTER P/N: AA48103-2, TORQUED, AND SAFETY WIRED. SERVICED ENGINE WITH 7 QUARTS OF AEROSHELL W100 PLUS. REMOVED AND REPLACED 8 SPARK PLUGS WITH CHAMPION RHM38E SPARK PLUGS. PERFORMED POST MAINTENANCE RUN UP/LEAK CHECK, SATISFACTORY. ALL WORK PERFORMED IAW MANUFACTURES MAINTENANCE MANUALS.



DANIEL J. MCHIC: A/P: 4013333

SUB-TOTALS this page

TOTALS-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED — SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

ACE
Flight Solutions

ACE Flight Solutions 95 Aviation
Way
Fredericksburg VA 22406

Engine

Aircraft Registration: N52696 Aircraft Make & Model: Cessna 177RG S/N: 177RG1252

Engine Make & Model: Lycoming IO-360-A1B6D S/N: L-17350-51A Tach Time: 2883.42

- Discovered multiple glazed cylinders.
- Removed all 4 cylinders and honed them to refresh crosshatching.
- Installed new rings, oil and compression, on all cylinders. (P/N: 14H21950 & 74241)
- Reinstalled all cylinders and installed new silicone gaskets on rocker covers and rocker pin cover plates. (RG-67193-SP & SL66732)
- Installed new turbo flange gasket and new exhaust spiral wound gaskets. (636465 & 77611)
- Installed new intake flange gaskets. (71973)
- Removed, cleaned, gapped and reinstalled all spark plugs with fresh copper gaskets.
- Removed filter and drained old oil. Serviced with new filter (AA48103-2) and 7 qts of mineral oil for break in of new rings.
- Work completed referencing Lycoming maintenance manual, Cessna service manual & parts installation manuals.
- Returned engine to service.

Signed:  Date: 7/30/2023

Name (Printed): Andrew L. Gordon A&P License Number: 4219619

wo: R23087

Engine - page 1 of 1



Xpress Aircraft Maintenance - 251 Dry Valley Rd. Hangar N1 - Cleveland, TN 37312 - 865-850-8215

N52696

LYCOMING, IO-360-A1B6D, S/N: L-17350-51A

September 20, 2023

TACH: 2892.49

Drained Oil, Removed, and Cut Open Oil Filter. No Metal Noted. Installed New Filter. Added 7 Quarts AeroShell W100. Leak Check Good. Installed (7) P/N ASW100 - OIL, Installed P/N AA48103-2 - OIL FILTER.

With respect to the work performed, this engine is approved for return to service.

Bryce Fisher A&P 3711571 

Airframe

page 1 of 1

N52696


CESSNA, 177RG, S/N: 177RG1252

October 11, 2023

TACH: 2892.49

Removed and Replaced NLG Door Retract Rod Assembly with New. Installed P/N MS21251-B3S - Turnbuckle Body, Installed P/N MS21252-3RS - Clevis, Installed P/N MS20392-2C11 - CLEVIS PIN, Installed P/N MS20392-2C17 - CLEVIS PIN, Installed P/N MS21252-3LS - Clevis.

OPs Check Good. With respect to the work performed, this airframe is approved for return to service.

Bryce Fisher A&P 3711571 

Engine

page 1 of 1

N52696


LYCOMING, IO-360-A1B6D, S/N: L-17350-51A

October 11, 2023

TACH: 2892.49

Removed and Replaced LH P-Lead with New, P/N: 21M-PL48-DBR. OPs Check Good. Removed Turbocharger. (Damaged Blades), Sent to Main Turbo for Repair, Reinstalled Serviceable Turbo Assembly. OPs Check Good. Removed and Replaced #3 EGT Probe with New, P/N: 1280 M-111. OPs Check Good.

With respect to the work performed, this engine is approved for return to service.

Bryce Fisher A&P 3711571 

TOTALS-Carry forward to next page

