

E3-23

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific instructions)
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*Monadnock Aviation*

Make: Lycoming

Model: IO-360-A1B

Reg. No.: 8020R

Date: 03/08/2016

S/N: L-6941-51A

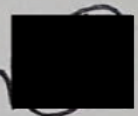
TTAF: 4894.89

**Engine Log**

TSOH: 613.19

TT ENG: 4894.89

- 1) Compressions as follows; 1) 76/80 2) 76/80 3) 75/80 4) 77/80.
  - 2) Drained oil and inspected sump screen. Replaced oil filter cartridge.
  - 3) Inspected all fuel screens.
  - 4) Checked magneto to engine timing.
  - 5) Cleaned fuel injectors.
  - 6) Rigged fuel control cable.
  - 7) Cleaned and gapped spark plugs, installed with new gaskets.
  - 8) Replaced #2 rocker cover gasket and torqued all cover screws.
  - 9) Replaced engine air filter p/n BA-7305.
  - 10) Serviced sump with 7qts X/C20W50.
  - 11) CW AD ~~2005-19-07~~ Fuel injector lines by inspection. - AD 2015-19-07
  - 12) All work done in accordance with manufacturers service instructions.
  - 13) Run up and leak check, good and returned to service.
- Timothy S. Price [Redacted Signature]



AD 2015-19-07



E3-25

Make: Lycoming

Model: IO-360-A1B

Reg. No.: N8020R

Date: 04/20/2017

S/N: L-6941-51A

Tach Time: 4933.83

Engine Log

Total Time: 4933.83

SOH: 652.13

- 1) Compressions as follows; 1) ~~78~~<sup>78</sup>/80 2) ~~78~~<sup>78</sup>/80 3) ~~77~~<sup>77</sup>/80 4) ~~77~~<sup>76</sup>/80 TSB.
- 2) Drained oil and inspected sump screen. Replaced oil filter cartridge.
- 3) Inspected all fuel screens.
- 4) Checked magneto to engine timing.
- 5) Cleaned fuel injectors.
- 6) Removed magneto's, Disassembled and inspected. Checked internal timing, assembled and installed and set to 25deg btdc.
- 7) Replaced engine air filter p/n BA-7305.
- 8) Serviced sump with 7qts X/C20W50.
- 9) C/W AD ~~2005-19-07~~ Fuel injector lines by inspection. AD 2015-19-07 [redacted]
- 10) All work done in accordance with manufacturers service instructions.
- 11) Run up and leak check, good and returned to service.
- 12) I certify this engine was inspected in accordance with a 100-hour inspection and returned to service.

Timothy S. Price [redacted] A

Make: Lycoming

Model: IO-360-A1B

Reg. No.: N8020R

Date: 07/28/2017

S/N: L-6941-51A

Tach Time: 4961.08

Engine Log

Total Time: 4961.08

SOH: 679.38

- 1) Removed exhaust system, plugged holes and submerged and pressurized to 15psi. No leaks found.
- 2) Checked all stacks for cracks/leaks and found none.
- 3) Cleaned all mating surfaces and installed exhaust with new gaskets.
- 4) All work done in accordance with manufacturers service instructions.

Timothy S. Price [redacted] A

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pages for other specific entri

~~Maintenance Section~~

Make: Lycoming

Model: IO-360-A1B

Reg. No.: N8020R

Date: 10/04/2019

S/N: L-6941-51A

Tach Time: 4987.07

Engine Log

SOH:

Total Time:

**Repairs and Alterations**  
(Description of Inspections, Tests, Repairs and Certificate Number of Pages for other specific entries.)

- 1) Compressions as follows; 1) 76/80 2) 76/80 3) 75/80 4) 77/80.
  - 2) Drained oil and inspected sump screen. Replaced oil filter cartridge.
  - 3) Inspected all fuel screens.
  - 4) Checked magneto to engine timing.
  - 5) Cleaned fuel injectors.
  - 6) Replaced engine air filter p/n BA-7305.
  7. Serviced sump with 7qts X/C20W50.
  8. C/W AD ~~2005-19-07~~ Fuel injector lines by inspection. AD 2015-19-07 [redacted]
  9. All work done in accordance with manufacturers service instructions.
  10. Run up and leak check, good and returned to service.
  11. I certify this engine was inspected in accordance with a 100-hour inspection and returned to service.
- Timothy S. Price [redacted]

~~Maintenance Section~~

Make: Beech

Model: A24R

Reg. No.: N8020R

Date: 09/17/2020

S/N: MC13

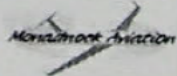
Tach Time: 5012.40

Airframe Log

Total Time: 5012.40

1. Removed McCauley propeller 2B3409-NP, S/N 701025, and spinner assembly.
  2. Installed McCauley propeller B3D360429/82NPA-6 and spinner assembly.
  3. Updated weight and balance.
  4. All work done in accordance with Beechcraft service instructions, STC# SA496CH and McCauley installation drawing D-60165.
  5. Form 337 filed out and sent to FSDO.
  6. Operational and leak check, good.
- Timothy S. Price [redacted]

E3-27



Make: Lycoming

Model: IO-360-A1B

Reg. No.: N8020R

Date: 04/07/2021

S/N: L-6941-51A

Tach Time: 5023.48

Engine Log

SOH: 741.78

Total Time: 5023.48

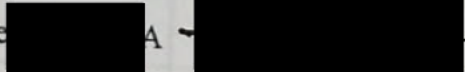
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pages for other specific entrie

1. Compressions as follows; 1) 76/80 2) 76/80 3) 75/80 4) 77/80.
2. Drained oil and inspected sump screen.
3. Opened and inspected oil filter for contaminants. Installed new filter CH48108-1.
4. Inspected all fuel screens.
5. Checked magneto to engine timing.
6. Cleaned fuel injectors.
7. Replaced engine air filter p/n BA-7305.
8. Serviced sump with 7qts X/C20W50.
9. C/W AD ~~2005-19-07~~ Fuel injector lines by inspection. AD2015-19-07 TSB
10. Replaced #1-cylinder exhaust riser p/n 099001-120.
11. All work done in accordance with manufacturers service instructions.

Run up and leak check, good and returned to service.

I certify this engine was inspected in accordance with an annual/100-hour inspection and returned to service.

Timothy S. Price



04/07/21 5023.48

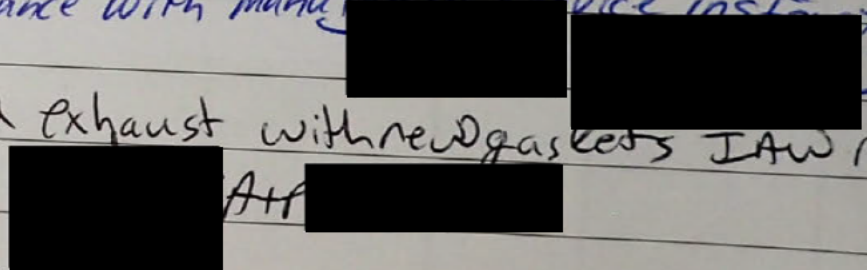
Replaced oil cooler with New P/N 8060075, S/N 104210088.  
Serviced sump w/1 qt x/c 20w50, ops and leak check Good.  
All work done in accordance with manufacturer service instructions.

06/10/2022

5083.12

Installed

overhauled exhaust with new gaskets IAW Manuf instructions.



Monadnock Aviation

Monadnock Aviation [REDACTED], Keene NH [REDACTED]  
Date: 10-19-2022 Logbook: Engine 1 Tail Number: N8020R

TACH: 5083.12 SMOH: 756.42 Model: IO-360-A1B Serial: L-6941-51A

### Repairs / Maintenance

- Compressions as follows: 76/80 78/80 75/80 76/80.
- Drained sump. Checked filter, sump and all fuel screens for contaminants.
- Cleaned fuel injectors. Cleaned and tested spark plugs. Replaced 5 plugs with new UREM38-E.
- C/W AD 2005-12-06 Magneto impulse coupling is marked with "A" no further inspection required.
- C/W AD 2015-19-07 Fuel injector lines.
- Serviced sump with 7 qts X/C 20W50.
- Replaced #1 and #2 exhaust riser clamps with new, p/n A0750161-25, with new hardware.
- Removed both magnetos, cleaned sealing surfaces and installed mags with new gaskets LW12681. Timed to 25 deg BTDC.
- Removed mixture control cable from servo mixture arm. Loosened arm and rotated one notch and secured. Attached control cable to arm and checked for proper operation.
- Tested #'s 1 and 4 EGT probes and found # 1 was good (possible temp short) and 4 was bad. Replaced connector on new probe p/n 712-2DWK and installed.
- I certify this engine has been inspected in accordance with an Annual Inspection Checklist and found to be airworthy.

The work described on the above work order was performed in accordance with Manufacturer's Service Instructions and current regulations of the FEDERAL AVIATION AGENCY. It is airworthy and is APPROVED FOR RETURN to service.

Certificate: A&P-IA [REDACTED] Authorized RTS  
Technician: Tim Pr [REDACTED]

Sign: [REDACTED]  
| Date: 10-19-2022

of  
(es.)

and Alterations

E3-21