

ENGINE LOG BOOK



E

RECORD OF

AIRCRAFT

FROM

DETAILIN

If used

Engine Log & Maintenance Record

LOG #: _____

RECORD OF Cessna 177RG 01274
(MAKE) (MODEL) (SERIAL)

AIRCRAFT REGISTRATION NUMBER: N52802

FROM _____ 20 _____ TO _____ 20 _____

DETAILING TIME FROM _____ TO _____
(HOURS) (HOURS)

If used on a multi-engine aircraft: _____ Right _____ Left _____ Front _____ Rear

Rebuilt Engine Certificate of Conformance

This is to certify that the engine as described hereinafter has been REBUILT in accordance with the applicable Lycoming specifications. It has been determined airworthy to return to service and is in a condition for safe operation. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Publications have been complied with. All accessories as part of the type certificate are new or newly rebuilt. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

LYCOMING

Part Number RENPL-RT10592
Serial Number RL-755-80E
Engine Model IO-390-A1A6
Work Order KM717610
Total Time 0

[Signature] 6/4/18
Authorized Representative Date

Production Certificate #3

652 Oliver Street Williamsport, PA 17701 U.S.A.
Lycoming Engines is a division of Avco Corporation

Form 2481 Rev 05/13

Engine Log

Serial # _____

Date _____ Time Rn
(Hours) _____
BROUGHT FORWARD

Harford Air Services Maintenance Log
3538 Aldino Rd N52802
Churchville, MD 21028
410-836-2828

Harford Air Services

Description of Work Done: Engine Tach 868.2 Hobbs 4797.0

- 1) Installed IO-390-A1A6 S/N RL-755-80E on N52802 form 337 completed.
- 2) Serviced engine with 8 Qts. Phillips 20W50 Type M oil.
- 3) Ground ran, leak checked, OPS check OK.

Handwritten signature: RSP AP 3233654

Aviation Plus LLC
262-656-1260
Aviationplusllc.com

07/26/2018 N52802 Tach 4813 TTE 10.1
Compressions: 1)74, 2)78, 3)73, 4)77. Changed oil and filter (7qts Phillips 20W50 Mineral). Tensioned alternator belt. Added Braley mod to #2 & #3 cylinder baffles. Repositioned oil drain to right side of engine per Powerflow instructions. CW AD 15-19-07 injector lines and supports, visual inspection, due 100hrs. All routine items checked per inspection sheets. FAR43 App D. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Handwritten signature: Robert Russell
Robert Russell 34118851A

Harford Air Services Maintenance Log
3538 Aldino Rd N52802
Churchville, MD 21028
410-836-2828

September 25 2018 Tach 910.4 Hobbs: 4846.64

Description of Work Done: Engine

- 1) Changed oil with 8 qts Phillips 20W50 Type M.
- 2) Changed oil filter with CH48110-1.
- 3) Cleaned spark plugs and replaced M674 gaskets.
- 4) Reinstalled fuel injector servo AV2524054-11, S/N AV26550933 after repair by Avstar.
- 5) Reinstalled airbox plenum after repair by Aviation Plus, LLC.
- 6) Ground ran, leak checked, OPS check OK.

Handwritten signature: RSP AP 3233654

Page Total: _____

Brought Forward _____

Total to Date: _____

orsement o
rating an
shown.

Serial # _____

BROU

Aviationplusllc.com

cence #

05/16/2018 N52802 Tech
 Repaired airbox plenum by welding cracks, fabricating alternate air door doubler and fabricating new a
 door.

Robert Russell 3411885IA

N52802

- 1) Installed Lyming IO-390-A1A6 S/N RL-755-80E I.A.W. STC SA10944SC with new Lord J9613-59 engine mounts AN7-43A bolts, AN7-44A bolts and AN373-720 nuts.
- 2) Installed Slick Start magneto booster I.A.W STC 593CH.
- 3) Installed Hartzell HC-C2YR-IN/NG8301-5 S/N NS3874B I.A.W. STC SA09871AC and composite spinner A-2295-P.
- 4) Installed new McCauley Gov D20893-2 Model DC290D1/T2 S/N 180107 with MS20074-05-13 bolts and new gov Bracket 1750027-3.
- 5) Installed new Airforms engine baffling with 0450277-214 and 0450277-208 fasteners. Installed original airbox to baffling. Cleaned and serviced air filter with challenger cleaner and oil.
- 6) Installed new oil cooler 8001588-NE S/N 4653414 with modified airscoop I.A.W STC instructions.
- 7) Replaced all fuel and oil hoses to engine with the following: AE660001G0084-0110, 0120, 0224; AE3663161H0303, 0290 and AE3663819B0350.
- 8) Reconnected EDM 930 probes and replaced JPI slick mag probe 420815-1.
- 9) Replaced alternator belt with 51597-1-37.5.
- 10) Replaced starter wire from starter to contactor with M22759/16-01-9.
- 11) Installed previous installed alternator and starter.
- 12) Ground ran, leak checked, OPS check OK

Aviation Plus LLC

262-656-1260

Aviationplusllc.com

N52802

- 1) *Cleaned injectors*
- 2) *Checked compression*
- 3) *Added 1 can AvBlend*
- 4) *Ground ran, leak checked, OPS check OK.*

Robert Kusell 34110031

7/26/19	N52802	Tach	4920	TTE

expressions: 1)78, 2)77, 3)77, 4)78. Changed oil and filter (7qts Phillips 20W50). Replaced oil dipstick. 8
cleaned injectors. Tensioned alternator belt. All routine items checked per inspection sheets. FAR43 App D. I
certify that this engine was inspected in accordance with an annual inspection and was determined to be in

airworthy condition.

the endorsement of
his/her rating and
MUST be shown.

Page Total

Brought For

Total to Date: _____

SSP-1872-1 © 2015 Avco Corporation. All Rights Reserved.

Harford Air Services
3538 Aldino Rd
Churchville, MD 21028
410-836-2828

Maintenance Log
N52802

March 26, 2019 Tach 939.0 Hobbs: 4880.6

Description of Work Done: Engine

- 1) Changed oil with 7 qts Phillips 20W50 XC
- 2) Changed oil filter with CH48110-1.
- 3) Ground ran, leak checked, OPS check OK.

[Signature] AIP 3233654

Harford Air Services
3538 Aldino Rd
Churchville, MD 21028
410-836-2828

Maintenance Log
N52802

September 18, 2019 Tach 991.4 Hobbs: 4935.0

Description of Work Done: Airframe

- 1) Replaced safety wire on the mixture, throttle, and prop cables
- 2) OPS check OK

[Signature] AIP 4082713

Harford Air Services
3538 Aldino Rd
Churchville, MD 21028
410-836-2828

Maintenance Log
N52802

December 20, 2019 Tach: 996.2 Hobbs: 4945.4

Description of Work Done: Engine

- 1) Changed oil with Phillips 20W50XC and 1 AvBlend
- 2) Changed oil filter with CH48110-1
- 3) Supplied owner Blackstone oil analysis sample
- 4) Ground ran, leak checked, OPS check OK.

[Signature] AIP 3233654

al #

Signature

Licence #

Page Total

Brought Forward

Total to Date

the endorsement
his/her rating
JST be shown

Engine Log

Serial # _____

Date	Time R (Hour
------	-----------------

BROUGHT FORWA

Harford Air Services **Maintenance Log**
 3538 Aldino Rd, H9 **N52802**
 Churchville, MD 21028
 410-836-2828

September 1, 2020 Tach: 4959.5 Hobbs: 1007.1

Description of Work Done: Engine

- 1) Changed oil with 8 qts Phillips 20W50XC.
- 2) Changed oil filter with CH48110-1.
- 3) Cleaned and gapped spark plugs—replaced M674 gaskets.
- 4) Compression checked: #1 79/80, #2 79/80, #3 79/80, #4 79/80.
- 5) Took Blackstone oil sample.
- 6) Ground ran, leak checked, OPS check OK.

I certify that this Engine has been inspected
 in accordance with a Annual inspection and was found to
 be in airworthy condition.

Date Sept. 1, 2020 A/C Total Time 4959.5
 A/C Tach 4959.5 A/C Hobbs 1007.1
 ENG. Total Time 162.5 ENG S.M.O.H. 1
 Kevin St. Clair Hess A&P 3233654 IA

[Signature] A&P 3233654 IA

Page Total: _____

Brought Forward: _____

Total to Date: _____

All repair data must bear the endorsement of
 a certified mechanic, and his/her rating and
 certificate number MUST be shown.

Engine Log

Serial # _____

[illegible]

Page Total: _____

Brought Forward: _____

Total to Date:_____

All repair data must bear the endorsement of a certified mechanic, and his/her rating certificate number **MUST** be shown.

Service Bulletins, Letters, Instructions & A.D. Notes

Date: _____



Contact Us:

Mailing Address:

Lycoming Engines
652 Oliver Street
Williamsport, PA 17701

Phone:

U.S. and Canada Toll Free: +1-800-258-3279
International Customers: +1-570-323-6181

Lycoming's regular business hours are Monday through Friday from 8:00AM through 5:00PM Eastern Time (-5 GMT).

Visit us Online: www.lycoming.com