

# **AIRCRAFT MAINTENANCE RECORDS**

**N** 83003

RH

# **ENGINE**

**LOG BOOK**





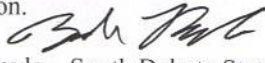
9-24-2019  
Right Engine  
S/N RL-000212-74T  
N83003

Lycoming  
LTO-360-E1A6D

Tach 1109.9  
TSMOH 508.6  
Eng. TT 508.6

- \* Completed 100hr Inspection IAW Piper PA-44-180T inspection guide.
- \* C/W AD 80-04-03 R2 by servicing oil sump with Aeroshell 15W/50 which contains oil additive LW-16702. Next due 1159.9 Tach.
- \* Engine compression check as follows: #1, 79, #2, 79, #3, 79, #4, 79/80.
- \* Changed oil and filter. Serviced with 6qts. Aeroshell 15W/50 and new CH48103-1 filter, filter metal check OK.
- \* Installed new rocker box cover gaskets on #2, #3 and #4 cylinders P/N 05-11181.
- \* Ground run-up completed, ops and leak check good.

I certify that this Engine has been inspected IAW a 100hr Inspection and found to be in airworthy condition.

  
Zach Boyle – South Dakota State University  
A&P34207231A

ORK

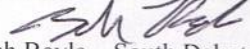
10-26-2020  
Right Engine  
S/N RL-000212-74T  
N83003

Lycoming  
LTO-360-E1A6D

Tach 1132.4  
TSMOH 532.1  
Eng. TT 532.1

- \* Completed 100hr Inspection IAW Piper PA-44-180T inspection guide.
- \* C/W AD 80-04-03 R2 by servicing oil sump with Aeroshell 15W/50 which contains oil additive LW-16702. Next due 1182.4 Tach.
- \* Engine compression check as follows: #1, 78, #2, 78, #3, 78, #4, 79/80.
- \* Changed oil and filter. Serviced with 6qts. Aeroshell 15W/50 and new CH48103-1 filter, filter metal check OK.
- \* Installed new CHT probe on number #4 cylinder P/N 86251.
- \* Ground run-up completed, ops and leak check good.

I certify that this Engine has been inspected IAW a 100hr Inspection and found to be in airworthy condition.

  
Zach Boyle – South Dakota State University  
A&P34207231A

1-27-2021  
Right Engine  
S/N RL-000212-74T  
N83003

Lycoming  
LTO-360-E1A6D

Tach 1179.4  
TSMOH 579.1  
Eng. TT 579.1

- \* C/W AD 80-04-03 R2 by servicing oil sump with 20W/50 Victory which contains oil additive LW-16702 and inspected filter. Next due 1279.4 Tach.
- \* Changed oil and filter. Serviced with 6qts 20W/50 Victory and new CH48103-1 filter, filter metal check OK.

  
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4-15-2021  
Right Engine  
S/N RL-000212-74T  
N83003

Lycoming  
LTO-360-E1A6D

Tach 1235.9  
TSMOH 635.6  
Eng. TT 635.6

- \* Completed 100hr Inspection IAW Piper PA-44-180T inspection guide.
- \* C/W AD 80-04-03 R2 by servicing oil sump with Aeroshell 15W/50 which contains oil additive LW-16702. Next due 1335.9 Tach.
- \* Engine compression check as follows: #1, 78, #2, 78, #3, 78, #4, 78/80.
- \* Changed oil and filter. Serviced with 6qts. Aeroshell 15W/50 and new CH48103-1 filter, filter metal check OK.
- \* C/W 500 hour magneto inspection with overhauled D4LN-3000 P/N 10-682555-13 S/N 5312 Next due 1735.9 Tach.
- \* Replaced LH Stack assembly with repaired from Aerospace welding, (see 8130).
- \* Repaired carburetor due to cracked bowl (see work order).
- \* Ground run-up completed, ops and leak check good.

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TOTAL - CARRY FORWARD TO NEXT PAGE