

RIGHT ENGINE

Date: 05/02/2024 HOBBS: 1417.6 ETT: 4573.0
Reg: N143MG ACTT: 4588.0 TSO: 25.9
Model: IO-470-VO8 S/N: 170686R

Performed an **annual inspection** in accordance with FAR 43 Appendix D:

- 1) Performed a differential compression check: 1) 74/80, 2) 74/80, 3) 73/80, 4) 76/80, 5) 73/80, 6) 72/80.
- 2) Drained oil. Removed, cut open, and inspected contents of filter. No metal noted. Installed a new AA48110-2 filter and saftied. Serviced engine with 11qts of Phillips 20w50XC aviation oil.
- 3) Removed and replaced induction air filter with a new Brackett filter element, p/n BA2305.
- 4) Removed spark plugs, cleaned, inspected, gapped, then reinstalled using 12ea new gaskets p/n M674. Torque to 360 in. lbs.
- 5) Checked magneto to engine timing, 22° BTC left and right magneto.
- 6) Complied with **AD 96-12-22, (effective dated July 31, 1996)**, by inspection of the oil filter adapter in accordance with paragraph (b). No evidence of oil leakage, misalignment, or torque putty cracks noted. **Next inspection is due at the next oil filter removal not to exceed ACTT 4688.0.**
- 7) **AD 2022-16-03, (effective dated Aug 15, 2022)**, is not applicable by effected part not installed. Equipped with S-200 series magnetos.
- 8) **AD 2023-02-12, (effective dated Feb 17, 2023)**, is not applicable by effected part not installed. Equipped with new Continental Aerospace Technologies, Inc. cylinder assemblies at overhaul.
- 9) **AD 2023-17-04, (effective dated Oct 26, 2023)**, is not applicable by engine not equipped with an F&M Enterprises, Inc. (F&M) or a Stratus Tool Technologies, LLC (Stratus) oil filter adapter installed per Supplemental Type Certificate SE8409SW, SE09356SC, or SE10348SC.
- 10) Performed ground run for leak and operational checks, no defects at this time.

I certify that this engine has been inspected in accordance with an **annual inspection** and was determined to be in airworthy condition.

Jason D Moellinger
A&P

LEFT ENGINE

Date: 05/02/2024 HOBBS: 1417.6 ETT: 2323.1
Reg: N143MG ACTT: 4588.0 TSO: 25.9
Model: IO-470-VO (9) S/N: 170663-H

Performed an **annual inspection** in accordance with FAR 43 Appendix D:

- 1) Performed a differential compression check: 1) 73/80, 2) 70/80, 3) 74/80, 4) 72/80, 5) 73/80, 6) 72/80.
- 2) Drained oil. Removed, cut open, and inspected contents of filter. No metal noted. Installed a new AA48110-2 filter and saftied. Serviced engine with 11qts. of Phillips 20w50XC aviation oil.
- 3) Removed and replaced induction air filter with a new Brackett filter element, p/n BA2305.
- 4) Removed spark plugs, cleaned, inspected, gapped, then reinstalled using 12ea new gaskets p/n M674. Torque to 360 in. lbs.
- 5) Checked magneto to engine timing, 22° BTC left and right magneto.
- 6) Complied with **AD 96-12-22, (effective dated July 31, 1996)**, by inspection of the oil filter adapter in accordance with paragraph (b). No evidence of oil leakage, misalignment, or torque putty cracks noted. **Next inspection is due at the next oil filter removal not to exceed ACTT 4688.0.**
- 7) **AD 2022-16-03, (effective dated Aug 15, 2022)**, is not applicable by effected part not installed. Equipped with Champion Aerospace (Slick) p/n 6310 magnetos.
- 8) **AD 2023-02-12, (effective dated Feb 17, 2023)**, is not applicable by effected part not installed. Equipped with new Continental Aerospace Technologies, Inc. cylinder assemblies at overhaul.
- 9) **AD 2023-17-04, (effective dated Oct 26, 2023)**, is not applicable by engine not equipped with an F&M Enterprises, Inc. (F&M) or a Stratus Tool Technologies, LLC (Stratus) oil filter adapter installed per Supplemental Type Certificate SE8409SW, SE09356SC, or SE10348SC.
- 10) Performed ground run for leak and operational checks, no defects at this time.

I certify that this engine has been inspected in accordance with an **annual inspection** and was determined to be in airworthy condition.

Jason D Moellinger
A&P