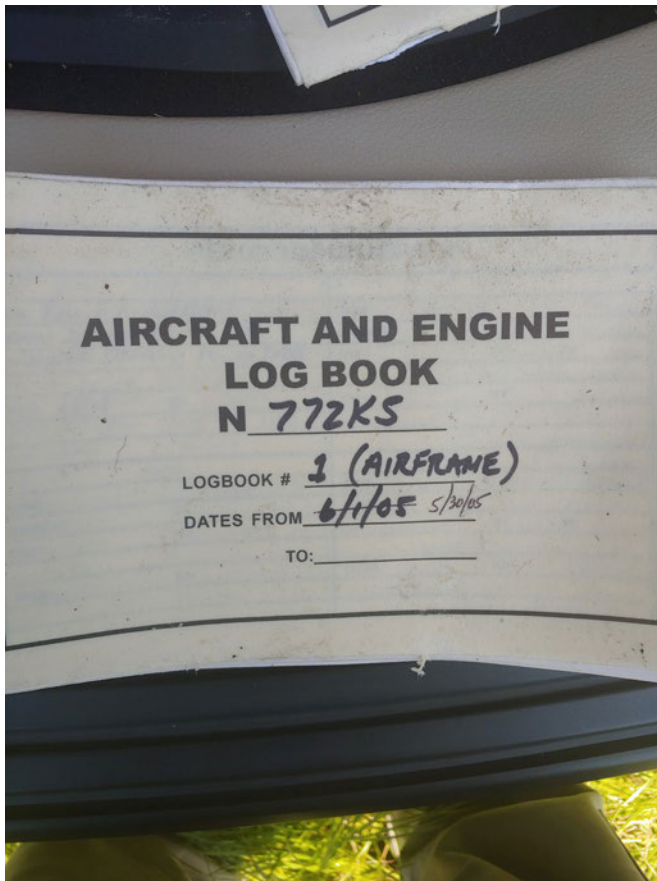


Joshua Young
Air Safety Investigator
AS-ERA

Date: 9/26/2023

Subject: ERA23LA365, Maintenance Records



July 24, 2023 Hobbs 975.4 Eng TT 975.4

- Checked carburetor inlet screen, no debris present, reinstalled with new gasket.
- Drained carburetor bowl, no debris present.
- Cleaned and re-lubricated K&N induction filter.
- Changed engine oil and filter with new, Aeroshell 100W and Champion CH48108.
- Removed oil suction screen for insp, no debris present. Reinstalled with new gasket.
- Cylinder compression leak check – 1-58, 2-77, 3-78, 4-73/80.
- **Cylinder 1 has been determined to be not in a condition for safe operation.**
- Cleaned, gapped, tested lower spark plugs. Reinstalled with new gaskets.
- Cleaned upper spark plugs.
- Adjusted left magneto timing to 25 BTC. Verified Lightspeed timing index at TDC.
- Degreased engine.

I certify that this engine has been inspected in accordance with the scope and detail of 14 CFR Part 43 Appendix D and has been found to be in a condition for safe operation, **upon resolution of cylinder 1 low compression.**

Sanford Aircraft LLC

Chris Reilly A/P [REDACTED] [REDACTED]

[illegible]