



Thoroughbred Aviation Maintenance, Inc.  
CRS: R81R199Y  
Engine

Date: 09/04/2024	Type: Piper PA 46-350P	WO: F24282	
A/C: N920C	A/C SN: 4636638	Hobbs: 862.8	Tach: 862.8
Engine TT: 862.8	Engine: TIO-540-AE2A	Eng. S/N: L-14090-61A	Eng. TSMOH: N/A
Prop: McCauley HC-13Y1R-1	Prop S/N: NY21B	Prop TT: 862.8	Prop TSMOH: N/A

- Hot Compression tested engine, M/O 42/80: #1:72, #2:78, #3:79, #4:74, #5:78 & #6:72.
- Drained oil, cut filter, small carbon contaminants noted, took sample results given to owner, install & torqued new oil filter, P/N AA48103-2, serviced with 11qts. of Phillips 66 X/C 20W-50.
- Removed, test and gap check spark plugs. Replaced spark plug gasket and torqued to spec, P/N: M-674.
- Removed, inspected and cleaned induction air filter.
- C/W engine lubrication.
- Borescoped engine, sent findings to owners.
- Removed and serviced gascolator reinstalled no leaks noted.
- Removed and serviced fuel injectors. Reinstalled with new orings PN: 951391 no leaks.
- Removed and replaced with new fuel injection air hose. PN: LW18724
- Removed and inspected oil screen. Reinstalled with new gasket.
- Removed and inspected V-band clamps that were loose. Re-torqued to spec and safety clamp.
- Removed and replaced with new engine baffle seal on fwd. engine around induction filter. PN: T-8071-3
- AD 2015-19-07: CW with AD via visual inspection via compliance (e)(ii). Re-inspect after any maintenance is done on the engine where any clamp on a fuel injector fuel line was disconnected, moved, or loosened, and within every 110 hours TIS and after each engine overhaul.
- AD 2023-09-09: N/A due to v-band not being spot welded.
- Performed post maintenance run-up, Ops. Cks. & Leak Cks. All Good.
- Performed Annual Inspection IAW Lycoming MM include the scope and detail of 14 CFR Part 43 appendix D.

I certify this Engine has been inspected/repared/serviced utilizing Lycoming TIO-540 & applicable FARs and was found to be in Airworthy Condition

MAINTENANCE RELEASE

The aircraft and/or component identified was repaired in accordance with current FAA regulations and was found airworthy for return to service for the work performed. "Pertinent" details of the repair are on file at this agency under Work Order: F24282  
N#: N920C Date: 9/4/2024  
Signed: CRS: R81R199Y

