

#2



The Standard

ENGINE LOG

ASA/SE-2

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER Pipes MODEL PA-32RT-300T
SERIAL 32R-7887068 TYPE CERTIFICATE 4350
THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT N36716
MINIMUM OCTANE FUEL 100LL OIL GRADE SUMMER _____ WINTER _____
MAGNETO TIME _____ POINT SETTING _____ FIRING ORDER _____
SPARK PLUG GAP _____
HFG. RECOMMENDED OVERHAUL AT 2000 HOURS.



The Standard

ENGINE LOG

DATE 24-04 2018	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	3387.0	SMOH	1399	
				1. Compression Check #1-71/80 #2-74/60 #3-76/80 #4-74/60 #5-73/80 #6-73/80
				2. Changed Oil + Filter checked Filter for metal none noted
				3. Inspected oil cooler hoses according to AD 45-2018
				4. Inspected Fuel Injector Lines according to AD 2002-20-01
				5. Inspected Turbocharger + Exhaust Systems
				6. Certify that this engine has been inspected in conformance with an annual inspection and was determined to be in an airworthy condition Wesley Urban FA1942026

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
19__				ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Pit Rod Aero, Inc. ← Aircraft Maintenance & Repair
4975 Airport Road
KEARNY, NEBRASKA 68847

Tail Number: N36716 Model: Piper PA32RT-300T
Engine Model: Lycoming TIO-540-S1AD Serial Number: L-5452-61A
Tach Time: 3398.89 Engine Total Time: 3398.89 Time SMOH: 1410.89

Throttle control would not go to the full travel stop in the cockpit. Removed cowlings and found throttle control not hitting the full RPM stop on the fuel controller. Adjusted both throttle and mixture controls to hit all stops as necessary. Engine would not develop full power. Removed turbo charger and waste gate/transmission assy. Found waste gate valve eroded and not closing all the way at full power settings. Turbo charger, waste gate/transmission assy and pressure relief valve all overhauled or exchanged as needed and reinstalled. Engine was ground run. Adjusted for high RPM and idle speed as needed. Fuel flows and manifold pressure are within specs at this time. All maintenance releases with aircraft paperwork. All work done in accordance with Lycoming maintenance manual 60294-7-14 and Piper service manual 761 641.

[illegible]

Date: 12/19/2018 Signature: John A. Hamling

P: 505749274

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
				ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)



Aircraft Maintenance & Repair
4975 AIRPORT ROAD
KEARNEY, NEBRASKA 68847

Tail Number: N36716 Model: Piper PA32RT-300T Serial Number: 32R-7887068

Tach Time: 3408.33 Engine Total Time: 3408.33 Time SMOH: 1420.33

Engine Model: Lycoming TIO-540-S1AD Serial Number: L-5452-61A

Inspected this engine in accordance with FAR 43 Appendix D. Inspected ignition, induction, exhaust, fuel systems and engine mounts and controls for operation, security and defects. Changed engine oil and filter. Serviced engine with 12 qts of Aeroshell 15W-50 oil and a new CH48103-1 filter. No contamination found in old oil filter. Cleaned, gapped and rotated sparkplugs. Cleaned fuel screen and fuel injectors. Compression checked. #1 80/68, #2 80/64, #3 80/72, #4 80/64, #5 80/70, #6 80/70. Checked AD's through 19-11 issue and complied with those dated this date only on AD sheets with aircraft paperwork. Engine was washed down and ground run, with no leaks noted at this time. END>>>>

I certify that I have inspected this aircraft engine in accordance with a Annual inspection and have found it in a Airworthy Condition.

Date: 06/04/2019 Signature: John A. Hamling *John A. Hamling* IA: 505749274