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# **ENGINE LOG BOOK**

**TRIAD AVIATION, INC.**





TRIAD AVIATION, INC.  
 FAA CRS# PP4R448M  
 BURLINGTON - ALAMANCE  
 REGIONAL AIRPORT (KBUY)  
 3439 S. AVIATION DR.  
 BURLINGTON, NC 27215  
 PH: 800-334-6437  
 336-227-1467

Engine Manufacturer:

Lycoming

Engine Model Number:

10-540-K1G5

Engine Serial Number:

L-30652-48A

Total Time on Engine:

2109 hours

Time Since Major Overhaul:

0 hours

Date:

4/1/2019

Mfr Recommended TBO:

2000 hours

This Engine is Currently Installed in Aircraft:

N 8442H

TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and overhauled to manufacturer's overhaul manual limits. Engine tested in accordance with recommended procedures and is approved for return to service. All applicable A.D. Notes are complied with at the time of overhaul. Pertinent details of this work are on file at this repair station under work order # 24674

DATE 03/18/2019

MAKE Lycoming

MODEL IO-540-K1G5

S/N L-30652-48A

ENGINE TOTAL TIME 2109

TSMOH 0.0

TBO 2000



Triad Aviation, Inc.  
 Burlington Municipal Airport  
 3439 South Aviation Drive  
 Burlington, NC 27215  
 336-227-1467

Thomas M. Mester  
 Authorized Signature

03/18/2019

Date

Test ran Lycoming IO-540-K1G5 engine serial number L-30652-48A for 2 hours 15 minutes, RPM 2700, oil pressure 79 lbs, oil temperature 188 degrees, CHT 336. Magneto check at 2100 RPM, L 125 RPM, R 125 RPM. Compression test cylinder #1 78/80 #2 79/80 #3 78/80 #4 79/80 #5 78/80 #6 77/80. This engine and/or component is approved for return to service. All pertinent details on file this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION# PP4R448M. wo# 24674

Signed: Thomas M. Mester Date: 03/18/2019

Engine Log Book  
4/1/2019

Reg No: <b>N8442H</b>	Aircraft type: <b>PA32-301</b>	Aircraft S/N: <b>32-8106098</b>
Tach: <b>1856.5 hours</b>	Hobbs: <b>N/A</b>	Aircraft Total Time: <b>5795.1 hours</b>
Engine Total Time: <b>2109 hours</b>	Engine SMOH: <b>0 hours</b>	Engine S/N: <b>L-30652-48A</b>
Prop Total Time: <b>5795.1 hours</b>	Prop SMOH: <b>556.5 hours</b>	Prop S/N: <b>040819</b>

1. Removed engine and sent to Triad Aviation for **overhaul. Work Order No. 24674**
2. Removed engine mount and sent to Aerospace Welding inc. to be overhauled. **Work Order No. 185169**
3. Installed overhauled engine mount with new hardware in accordance with piper service manual. P/N: **38727-02**  
S/N: **185169**
4. Installed newly overhauled engine with new hardware in accordance with manufacturer's maintenance manuals.
5. Installed previous propeller back to overhauled engine in accordance with manufacturer's instructions.
6. Installed all new engine oil and fuel hoses forward of the firewall.
7. Installed engine with new engine isolator mounts.
8. Installed new left oil cooler. P/N: **8000074** S/N: **10413354**
9. Installed new mixture cable.
10. Installed new rod ends on throttle and propeller cables.
11. Installed new prop governor. P/N: **ATF4-11B** S/N: **D1021UJ**
12. Removed precise flight standby vacuum system. See **form 337**
13. Installed new baffle seals.
14. Installed new starter P/N: **149-NL** S/N: **H-T011597**
15. Installed new CH48110-1 oil filter and serviced engine with 12 quarts of aeroshell 100 mineral oil.
16. Complied with **AD2015-19-07** by visual inspection. No discrepancies found at this time AD next due at Tach **1966.5 hours**.
17. Complied with **AD2017-14-04** by installation of type TSO54a Type D hoses. No further action required.
18. Performed engine run up and found no discrepancies with work performed.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 04/01/2019

Signed: 

Robert A. Bourland 3795668 AP/IA

ed  
ations, etc.