

ENGINE LOG BOOK



Engine Log & Maintenance Record

LOG #: 1

RECORD OF LYCOMING O320-E3D RL-24601-27E
(MAKE) (MODEL) (SERIAL)

AIRCRAFT REGISTRATION NUMBER: N56694

FROM 2/11 2021 TO _____ 20____

DETAILING TIME FROM 0 TO _____
(HOURS) (HOURS)

If used on a multi-engine aircraft: ___Right ___Left ___Front ___Rear

Rebuilt Engine Certificate of Conformance



This is to certify that the engine as described hereinafter has been REBUILT in accordance with the applicable Lycoming specifications. It has been determined airworthy to return to service and is in a condition for safe operation. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Publications have been complied with. All accessories as part of the type certificate are new or newly rebuilt. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Part Number RENPL-RT8310
Serial Number RL-24601-27E
Engine Model O-320-E3D
Work Order KM772306
Total Time 0

[Signature] 1/25/21
Authorized Representative Date

Production Certificate #3

652 Oliver Street Williamsport, PA 17701 U.S.A.
Lycoming Engines is a division of Avco Corporation

Form 2481 Rev 05/13

Engine Log

Serial # _____

ENGINE MODEL: O320-E3D
ENGINE S/N: RL-24601-27e
REG. NO: N56694
WORK ORDER: 20486

Lanier Flight Center

Lanier Aircraft Maintenance
1106 Aviation Way SW
Gainesville, GA 30501
Phone: 470-691-0305

DATE: 2/16/2021
A/C TSN: 6628.92
ENG TT: 0
TSMOH:
TACH: 0

Engine Entries

- 2 In accordance with 14 CFR 43-11(a)(1) this engine has been inspected in accordance with a Annual inspection using an aircraft specific inspection checklist kept on file at Lanier Aircraft Maintenance. Removed, cleaned, gapped and reinstalled spark plugs. Lubed engine controls.
- 6 Completed Form 337 to remove RAM engine conversion STC SA2706SW-D.
- 8 Removed aircraft engine and installed factory reman O320E3D SN RL-24601-27E. Engine installed using new mounting bolts, new engine isolator mounts, overhauled engine mount, new muffler, new mixture cable, new throttle cable, new baffle material, new fuel and oil hoses
- 9 Removed engine mount and sent out for overhaul at AWI. Received engine mount back and installed back onto firewall.
- 14 Completed oil change on engine. Serviced engine with Phillips 20W50M oil.
- 26 Removed tachometer at 4326.0. New tachometer in engine monitor is 0.0. AFTTIS 6628.92

In accordance with 14 CFR 43.11. I certify that this engine on N56694 has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition. In addition this engine on N56694 has been maintained and/or repaired in accordance with 14 CFR 43.9(a) and has been found to be in an airworthy condition at this time. Additional information available under VWO#20486 dated 2/16/2021

DATE: 2/16/2021


SIGNED:

Paul Kyst, IA: 2886628

Work Order: 2048

Printed by EBis 3 (datcomedia.com)

3/3/21. Tach Time on CGR 30P – 10.2 hours since Factory Rebuilt engine
Following break in period or 10.2 hours as per Lycoming recommendations, all CHTs have stabilized
and oil consumption stabilized. Break in oil drained and replaced with 7 qts Phillips X/C 20 W – 50. Filter changed with Champion CH48110-1. Ground testing and test flight normal with no leaks and normal oil pressure.


Joseph B Chandler. Owner
3352253

Page Total: _____

Brought Forward: _____

Total to Date: _____

All repair data must bear the endorsem
a certified mechanic, and his/her rati
certificate number MUST be show

Engine Log

Serial # _____

Time Item (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
		PERFORMED COMPRESSION AND STATIC check	D. Jensen	3455952
		DIRECT COMPRESSION (STATIC) ck 1/100 2/110 3/110 4/100		
		DIFFERENTIAL ck 1 7/80 2 7/80 3 7/80 4 7/80		

MODEL PA-28-140	A/C S/N 28-7425020	A/C REG N56694	A/C TT 6723.72	HOBBS TACH 94.8	DATE March 4, 2022
Engine O320-E3D	S/N RL-24601-27E	TSMOH 94.8			

Time Items Complied With:

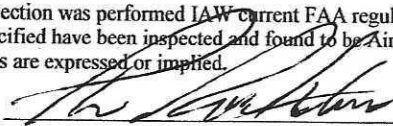
- 100 Hour Inspection IAW Lycoming Direct Drive M/M.

Maintenance Actions Performed:

- Compression as follows: 1) 80/80 2) 80/80 3) 80/80 4) 80/80
- Reset magneto timing per data plate and MM.

I certify that the above maintenance/inspection was performed IAW current FAA regulations. All inspections were performed IAW CFR 91.409 (f)(3). Only those items specified have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

Phil Robertson, IA 1804278



4-9-22	95.9	TT 6724.92 Hobbs 2403.7 PA 28-140 SN-7425020		
		SAF replaced oil filter w/ Champion aerospace Ch48/10-1 and added 6 quarts Aeroshell SAE 71966 SAE 50 oil sent for analysis to ALS Tribology - checked Normal		
		Margaret Sheldon, owner		
		4523327	4-8-22	

Page Total: _____

Brought Forward: _____

Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence
BROUGHT FORWARD					
4 OCT 22	TT QUANTUM	Hobbs 2454	ADJUSTED CARBURETOR MIXTURE & IDLE SPEED.		
ENGINE	132.6		TIGHTENED & SAFTIED DIPSTICK TUBE.		
	TT 6768.6			CL MAURER CL MAURER AEP 356069 1A	
10/25/22	QUANTUM	Hobbs 2465.7	QUANTUM Hobbs 2465.7		
	engine 145.1		PA140 SN 7425020		
	TT 6780.3		replaced oil filter w/ Champion rod space DAE T1916 and 6 quarts Amsoil O Margaret Helder number 4523327		

Page Total: _____

Brought Forward: _____

Total to Date: _____

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