

AIRCRAFT TECHNICAL RECORD

Section 3. ENGINE LOG

Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES	
	HOURS	min	HOURS	min	Sub Total	TOTAL
BROUGHT FORWARD						

DESCRIPTION OF WORK PERFORMED:
(INSPECTION, REPAIRS, REPLACEMENT)

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA



November 14, 2024 Reg: N84048 Make: Cessna 172K Eng: Lycoming
Model: O-320-E2D Ser: L-38541-27A

Tach: 94.9 TTE: 94.9 SMOH: 94.9

Performed 100-hour inspection IAW Cessna 172 service manual and Lycoming engine maintenance procedures. Performed cylinder compression test #1 80/80 #2 80/80 #3 80/80 #4 80/80. Checked engine timing. Inspected muffler and heat shroud, found no defects. Cleaned and rotated spark plugs. Drained oil and replenished with 7 quarts of Aeroshell W100+ oil and replaced oil filter (PN AA48110-2). Opened oil filter, found no contamination. Installed oil pan heater. Checked rocker box cover bolts. Removed and replaced induction air filter (PN: BA6108). Lubricated engine control cables and checked for proper travel. All ops check good. All ADs complied with through date. Performed run-up, found no leaks. I certify that this engine has been inspected in accordance with a 100-hour inspection and has been determined to be in airworthy condition

Rozjae Gaymon *R. Gaymon* A&P #4525062



January 29th, 2025 Model: Lycoming O-320-E2D
Reg: N84048 Tach: ~~374.5~~ SMOH: ~~374.5~~ TTE: ~~374.5~~

294.3 294.3 294.3

Rozjae Gaymon

Performed 100-hour inspection IAW Cessna 172 service manual and Lycoming engine maintenance procedures. Performed cylinder compression test #1 80/80 #2 80/80 #3 80/80 #4 80/80. Checked engine timing. Inspected muffler and heat shroud, found no defects. Cleaned and rotated spark plugs. Drained oil and replaced with 7 quarts of Aeroshell W100+ oil and filter (PN AA48110-2). Opened oil filter, found no contamination. Lubricated engine control cables and checked for proper travel. Checked rocker box cover bolts. Removed and replaced induction air filter (PN: BA6108). All ops check good. All ADs complied with through date. Performed run-up, found no leaks. I certify that this engine has been inspected in accordance with a 100-hour inspection and has been determined to be in airworthy condition.

Rozjae Gaymon *R. Gaymon* A&P# 4525062



December 2, 2024 Model: Lycoming O-320-E2D
SN: L-38541-27A Reg: N84048
Tach: 159.50 SMOH: 159.50

Performed oil change IAW Cessna maintenance manual. Replaced Oil Filter P/N: AA48110-2. Drain oil and replace with 6 quarts of Aeroshell W100 Plus. OPS check good. Leak check good.

Rozjae Gaymon *R. Gaymon* A&P# 4525062



December 17th, 2024 Model: Lycoming O-320-E2D
Reg: N84048 Tach: 189.5 SMOH: 189.5 TTE: 189.5

Performed 100-hour inspection IAW Cessna 172 service manual and Lycoming engine maintenance procedures. Performed cylinder compression test #1 80/80 #2 80/80 #3 80/80 #4 80/80. Checked engine timing. Inspected muffler and heat shroud, found no defects. Cleaned and rotated spark plugs. Drained oil and replaced with 7 quarts of Aeroshell W100+ oil and filter (PN AA48110-2). Opened oil filter, found no contamination. Checked rocker box cover bolts. Removed and replaced induction air filter (PN: BA6108). All ops check good. All ADs complied with through date. Performed run-up, found no leaks. Lubricated engine control cables and checked for proper travel. I certify that this engine has been inspected in accordance with a 100-hour inspection and has been determined to be in airworthy condition.

Rozjae Gaymon *R. Gaymon* A&P# 4525062

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PREVIOUS TOTALS

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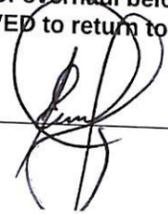
Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES		DESCRIPTION OF WORK PERFORMED: (INSPECTION, REPAIRS, REPLACEMENT)	NAME/ SIGNATURE	LICENCE: AME or AMO/ACA
	HOURS	min	HOURS	min	Sub Total	TOTAL			
BROUGHT FORWARD	→								



September 18th, 2024
Reg: N84048
Engine Total Time:0.0 Tach: 0.0
Model: Lycoming O-320-E2D
S/N:L-38541-27A.

I certify Engine Lycoming O-320-E2D, S/N: L-25627-27A was removed from this airframe due to TBO. Replaced with Lycoming O-320-E2D S/N:L-38541-27A. Upgrade from 150 HP to 160 HP IAW STC SE3692SW-D. See Triad Aviation Inc. Certificate of overhaul below. This Engine is APPROVED to return to service.

Eliu Diaz  A&P/IA: 2808475



September 18th, 2024
Reg: N84048
Engine Total Time:0.0 Tach: 0.0
Model: Lycoming O-320-E2D
Serial: S/N:L-38541-27A.

Removed manufacturer exhaust system and replaced with Power Flow PFS-13204, S/N: 1729 IAW STC SA01801AT for this Lycoming O-320-E2D S/N: L-38541-27A. Also an Annual Insp has been Performed to this Engine IAW FAR 43, Appendix (D), and Lycoming Service Manual. Found this engine to be in AIRWORTHY CONDITION and is APPROVED to return to service.

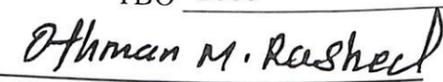
Eliu Diaz  A&P/IA: 2808475

TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and overhauled to manufacturer overhaul limits direct drive overhaul manual 60294-7 & FAA Regulations. 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 # 27711

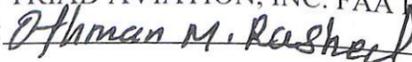
MAKE LYCOMING
S/N L-38541-27A
TSMOH 0.0
MODEL O-320-E2D
TOTAL TIME _____
TBO 2000



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


Authorized Signature

07/05/2023
Date

Test Ran Lycoming O-320-E2D Engine Serial Number L-38541-27A for 2 hours 15 minutes, RPM 2700, oil pressure 83 lbs., oil temperature 193 degrees, CHT 350. Magneto check at 2100 RPM, L 115 RPM, R 115 RPM. Compression test cylinder #1 79/80 #2 79/80 #3 79/80 #4 79/80. This engine and/or component is approved for return to service. All pertinent details on file at this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R448M. WO# 27711
Signed:  Date: 07/05/2023



September 18th, 2024
Reg: N84048
Engine Total Time:0.0 Tach: 0.0
Model: Lycoming O-320-E2D
S/N:L-38541-27A.

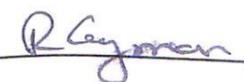
I certify all AD's for Engine Lycoming O-320-E2D, S/N L-38541-27A has been PCW during engine overhaul.

Eliu Diaz  A&P/IA: 2808475



October 24, 2024, Reg: N84048 Make: Cessna 172K
Eng: Lycoming Model: O-320-E2D Ser: L-38541-27A
Tach: 49.8 TTE: 49.8 SMOH:49.8

Performed oil change. Drained oil and replenished with 7 quarts of AeroShell W100+ Airplane Engine Oil. Removed and replaced oil filter (PN: AA48110-2). Performed engine run. Ops check normal. All work done IAW Cessna 172K maintenance manual.

Rozjae Gaymon  A&P #4525062

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TOTALS SINCE NEW				

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