

# ENGINE LOG BOOK

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# Engine Log

Serial # \_\_\_\_\_

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
BROUGHT FORWARD					
Tach 5697.3			Date: 08/31/2017 Hours: 0smoh 1362.8tach Tail: N159RJ Make: Cessna Model: 177B S/N: 17702038 Removed engine model O-360-A1F6D s/n L18342-36A. Installed factory rebuilt Lycoming model O-360-A1F6 s/n RL-17201-36E. Installed overhauled prop, and governor by (Johnson and son's Shafter, Ca) sky-tec starter p/n149nl s/n h-r052727, Plane power Alt p/n10-1050c s/n h-q121048, All new engine mounts, Tempest vacuum pump p/nAA3215cc s/n 0A0W25, Replaced all fuel hoses, and oil cooler hoses with Eaton Aeroquip AE466 hoses supplied by aero performance. Installed electroair p/nEIS-41000 s/n13-069-005 Electronic ignition kit referencing STC#SA02987CH See 337, Avstar carburetor p/n61C26127 s/nAV227475, oil filter p/nAA48110-2, filled crank case with 8qts of Aeroshell 100 mineral oil. All work performed referencing Cessna 177B s/m, Lycoming O-360 s/m, EIS installation instructions, IAW AC 43.13-1B, ICA's and standard practices. Ops, flight, leak check ok. A/C W&B and equipment list revised. I certify this engine is approved to return to service at this time.  Name: Carlos A. Watlington Cert: A&P3602922 Co: KBM Aviation Signed: <i>[Signature]</i>		
9-17-17 Tach 5706.7	9.4 HR	9.4 smoh	JRT Tach: 1372.2 Tail: N159RJ CESSNA MODEL: 177B S/N: 17702038 OIL CHANGE AND FILTER OUT AND OPENED TO CHECK FOR METAL. CHECKED OK. ADDED 8QT OF STRAIGHT MINERAL OIL 100W FOR BREAK IN GROUND RUN AND CHECKED FOR LEAKS OK. OWNER ASSISTED OIL CHANGE BY JACK RITTER + IA1499709 ROGER FOXFORD	<i>[Signature]</i>	
1-20-18 Tach 5726.9	29.6		I certify this Engine has been inspected according to a 100HR inspection and was determined to be in an airworthy condition. Oil change and filter, cut filter open to check for metal OK. Tighten loose bolt and nut on throttle control. Carb arm. Removed two washers from upper engine lead mounts. Checked AD Thru 2018-1 Jack J. Ritter Sr. IA1499709	<i>[Signature]</i>	

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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					
4-1-17 Tach 5743.1		45.7	I have inspected this engine in accordance to an 100HR inspection and found it to be in an airworthy condition at this time. Oil change and filter, cut filter open to check for metal OK. Added 7qt 100t oil. 1 75 2 75 3 80 4 80 Compression test 1. 80 2. 80 3. 80 4. 80 Replaced spark plug wire seals on electronic leads. Replaced 4 spark plugs, electronic REM3784 at this time. Tighten clamps on right side of muffler. Cleaned and gapped spark plugs. Checked mag timing to engine and electronic ign to engine TDC pin. Ground run engine and checked for leaks OK. Jack J. Ritter Sr. IA1499709		
2018 6-20 Tach 5755.9	11.6	58.6	I certify that this Engine has been inspected in accordance with a 100HR inspection and was found to be in an airworthy condition at this time. Checked AD thru 20-12. Compression test 1. 79 2. 79 3. 79 4. 79 Oil change and filter, cut filter open to check for metal. Removed oil dipstick and resealed. Removed left mag for inspection. W. Slick SB2-19A impulse coupling rivet by inspection OK. W. Slick SB-119 impulse stop pin by inspection OK. Removed oil drain valve and replace Cruise Pin MS28475-011. Adjusted idle and mixture at start. Ground-run engine and check for leaks OK. Jack J. Ritter Sr. IA1499709	<i>[Signature]</i>	
2018 9-8 Tach 5771.3	17.4	74.0	I certify that this Engine has been inspected in accordance with a 100HR inspection and was found to be in an airworthy condition. Checked AD thru 2018-18. Compression test 1. 79 2. 79 3. 79 4. 79 Oil change and filter, cut filter open to check for metal OK. Added 8qt 100t oil. Adjusted Carb arm carb. Jack J. Ritter Sr. IA1499709	<i>[Signature]</i>	

Page Total: \_\_\_\_\_

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Total to Date: \_\_\_\_\_

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# Engine Log & Maintenance Record

LOG #: \_\_\_\_\_

RECORD OF Cessna 177B 17702038  
(MAKE) (MODEL) (SERIAL)

AIRCRAFT REGISTRATION NUMBER: N159RJ

FROM \_\_\_\_\_ 20\_\_\_\_ TO \_\_\_\_\_ 20\_\_\_\_

DETAILING TIME FROM \_\_\_\_\_ 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.

**LYCOMING**

Part Number RENPL-RT9356  
Serial Number RL-17201-36E  
Engine Model O-360-A1F6  
Work Order AR685784  
Total Time 0

Charles Hess 6/9/12  
Authorized Representative Date

Production Certificate #3

Form 2481 Rev 05/13

652 Oliver Street Williamsport, PA 17701 U.S.A.  
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