

THE  
**adlog**<sup>TM</sup>

AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

(L) ENGINE  
MAINTENANCE  
RECORDS

# ENGINE MAINTENANCE RECORDS

Log No. \_\_\_\_\_

Aircraft Registration No. N310HC

Engine Manufacturer TCM

Model I0-520-M

Serial No. 235438

Date installed on aircraft 09/22/01

Time Between Overhauls (TBO) \_\_\_\_\_ Hours

If used on multi-engine aircraft:

- |                                |  |
|--------------------------------|--|
| <input type="checkbox"/> Right | <input checked="" type="checkbox"/> Left |
| <input type="checkbox"/> Front | <input type="checkbox"/> Rear            |



(All applicable information must be filled in)

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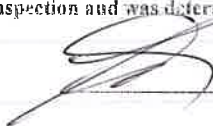
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page

**ENGINE LOG ENTRY (L)**  
**TCM IO-520-M Serial No. 235438**  
**Date 12/05/2017 Hobbs: 778.6 SMOH:388.6**

13.5 hrs. Since last inspection. C/W Annual inspection checklist. Washed engine and lubricated all controls. As per pilot request Checked cylinder head temp gauge. No defects noted. Checked oil temp gauge. No defects noted. Drained oil and Removed and oil filter cut open for particulate inspection. No defects noted. Installed new oil filter P/N CH48108-1. Serviced engine with 12 Qtrs. of Aeroshell 15W-50 oil. Removed, cleaned and rotated sparkplugs. Performed cylinder compression check (MO-45) #1 66/80, #2 62/80, #3 74/80, #4 62/80, #5 67/80, #6 63/80. Checked mag to engine timing. No defects noted. Ground run for leak check and power assurance. No defects noted at this time.

- AD 17-16-11 Eff. Date 08/15/17 Inspection of connecting rods has been found to be not applicable by engine S/N. no further action is required.

I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.

  
**T. Goldsmith A&P 2622999 IA**



DATE: 09 November 2018    N310HC    LH ENGINE  
 HOBBS: 779.5    SOH: 389.7    TT: 2089.7

Compression checked: (1) 73/80, (2) 71/80, (3) 74/80,  
 (4) 77/80, (5) 65/80, (6) 74/80. Adjusted the idle mixture

and speed. Replaced the crankshaft seal. Checked and adjusted the magneto timing. Cleaned, gapped, tested, and rotated the spark plugs. Drained the oil and changed the filter, P/N AA48108-2. Serviced with Aeroshell 15W50 oil. Secured No. 2 cylinder fuel injector line clamp. Cleaned the fuel inlet screen. Replaced the two fuel flow transducer hoses. Replaced the fuel pump drain hose. Degreased and ground power run with no defects noted. I certify that this engine was inspected I/A/W an annual inspection and was determined to be in airworthy condition.

  
 \_\_\_\_\_ 3167653    IA  
 Joseph Smith



DATE: 02 July 2020    N310HC    LH ENGINE  
 HOBBS: 794.6    SOH: 404.8

Engine cylinder compression checked: (1) 64/80,  
 (2) 56/80, (3) 60/80, (4) 66/80, (5) 68/80, (6) 74/80.

Drained the oil and took a sample for analysis. Sectioned the oil filter for inspection and found no metal. Installed a new oil filter, P/N AA48108-2, and serviced with Aeroshell 15W50. Cleaned, gapped, tested, and rotated the spark plugs. Checked and adjusted both magneto timings. Cleaned the fuel inlet screen and degreased the engine. Ground power run and found no defects. I certify that this engine was inspected I/A/W an annual inspection and was determined to be in airworthy condition.

  
 \_\_\_\_\_ 3167653    IA  
 Joseph Smith