

ENGINE #4

ENGINE MAINTENANCE RECORDS



 **AMERICA'S**
AIRCRAFT ENGINES, Inc

Shipping Address: 2505 W. Broadway, Collinsville, OK 74021 ■ Mailing Address: P.O. Box 582453, Tulsa, OK 74158-2453
Toll Free 888 371-1371 ■ 918 371-3000 ■ FAX 918 371-3041 ■ Look us up at www.overhaul.com ■ E-Mail: info@overhaul.com
FAA Certified Repair Station IAXR223L

LIMITED WARRANTY

To:	Duane Abrams	Aircraft:	Cessna R182RG
Model:	O-540-J3C5D	Registration:	
Serial Number:	L-23808-40A	Tach or Hobbs:	
Work Order:	520055	Date of Overhaul:	07-31-2020

AMERICA'S AIRCRAFT ENGINES, INC. warrants this engine to be free from defects in materials and workmanship by America's Aircraft Engines, Inc. for TWENTY-FOUR (24) months, unlimited hours. Accessories will be warranted by respective vendors.

This engine, excluding accessories, is further warranted to be free from defects in materials furnished by America's Aircraft Engine's, Inc. until T.B.O. on a pro-rated basis on parts. For the purpose of calculating pro-ration, a minimum of 40 hours per month from the date of overhaul will apply. Replacement or repair of engine, component, or parts under this Limited Warranty will not extend the warranty period. Installation or removal costs are excluded under pro-rated portion. Cracked cylinders and cracked crankcases excluded from all warranty unless it can be determined that they are a direct result of improper assembly.

To exercise this Limited Warranty, America's Aircraft Engines, Inc. must be promptly notified of the discovery of any defect or failure by call or letter fully describing such defect or failure to:

America's Aircraft Engines, Inc.
PO Box 582453, Tulsa, OK 74158
918-371-3000

All warranty work is to be accomplished in Collinsville, Oklahoma by America's Aircraft Engines, Inc. unless approval is granted in writing by America's Aircraft Engines, Inc. for work to be accomplished elsewhere or by anyone else, prior to commencement of such work. America's Aircraft Engines, Inc. reserves the right to furnish any or all parts thereof.

America's Aircraft Engines, Inc. is not responsible for any consequential loss associated with any failure or defect under this Limited Warranty and no allowance will be made for down time, loss of use, hotel, freight, transportation or any other incidental expense directly or indirectly associated with such defect or failure.

This Limited Warranty is expressly in lieu of all warranties and representations, expressed or implied in fact or by law including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. The work to which this Limited Warranty applies is deemed to have been accomplished in Collinsville, Oklahoma and in the event of a dispute on this Limited Warranty, the laws of the State of Oklahoma shall apply and any litigation shall be maintained only in the State of Oklahoma in a court of Competent Jurisdiction.

This Limited Warranty gives you specific rights and may be transferred only by express permission in writing by America's Aircraft Engines, Inc.

Stephen D. Fowler

ENGINE MAINTENANCE RECORDS

Log No. 4

Aircraft Registration No. N1185G

Engine Manufacturer Lycoming

Model O-540-J3C5D

Serial No. L-23808-40A

Date installed on aircraft 9-15-2020

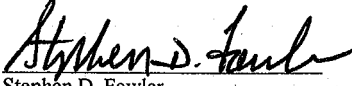
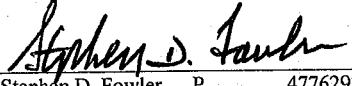
Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

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

(All applicable information must be filled in)

 **AMERICA'S**
AIRCRAFT ENGINES, INC.

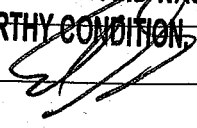
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				<p>MAKE Lycoming MODEL O-540-J3C5D SERIAL # L-23808-40A DATE 07-31-2020 TIME SMOH 0.0 TOTAL TIME 6978.8</p> <p>America's Aircraft Engines, Inc. certifies that this engine has been disassembled, overhauled and tested in accordance with recommended procedures and all clearances and tolerances are within specified limits. Procedures and limits used are as contained in engine manufacturers overhaul manual number 60294-7.</p> <p>America's Aircraft Engines, Inc. certifies the engine identified above was overhauled and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Following A.D.'s complied with SEE NOTES.</p> <p>Pertinent details of the overhaul are on file at America's Aircraft Engines, Inc. work order number 520055.</p> <p>Signed  For America's Aircraft Engines, Inc. Stephen D. Fowler PO Box 582453 Tulsa, OK 74158</p> <p>FORM AAE 101 CERTIFIED REPAIR STATION NO. IAXR223L</p> <p>LYCOMING O-540-J3C5D S/N: L-23808-40A W/O #: 520055 A.D. NOTES 07-31-2020</p> <p>A.D. 59-10-07 N/A AFFECTED BAFFLE CLAMPS NOT INSTALLED. A.D. 63-14-03 AMD 583 N/A BY SERIAL NUMBER. A.D. 64-16-05 AMD 765 N/A AFFECTED FUEL PUMP NOT INSTALLED. A.D. 66-20-04 AMD 39-277 N/A AFFECTED OIL FILTER NOT INSTALLED. A.D. 73-23-01 AMD 39-2804 N/A AFFECTED PISTON PINS NOT INSTALLED. A.D. 75-08-09 AMD 39-3013 N/A AFFECTED OIL PUMP IMPELLERS NOT INSTALLED. A.D. 87-10-06 R1 AMD 39-6293 N/A AFFECTED ROCKER ARMS NOT INSTALLED. A.D. 93-11-11 AMD 39-8584 N/A AFFECTED FUEL PUMP NOT INSTALLED. A.D. 95-07-01 AMD 39-9183 N/A AFFECTED ROD BOLTS NOT INSTALLED. A.D. 95-26-02 AMD 39-9460 N/A NO SIGN OF LOW OCTANE DAMAGE AT TEARDOWN. A.D. 96-09-10 AMD 39-9586 N/A AFFECTED IMPELLERS NOT INSTALLED. A.D. 2002-12-07 AMD 39-12779 C/W IAW MSB 543. A.D. 2004-05-24 AMD 39-13519 N/A AFFECTED CRANK BOLT NOT INSTALLED. A.D. 2004-10-14 AMD 39-13644 N/A NOT A PROP STRIKE, NEW BOLT INSTALLED. A.D. 2005-19-11 AMD 39-14276 N/A AFFECTED CRANKSHAFT NOT INSTALLED. A.D. 2006-12-07 AMD 39-14632 N/A AFFECTED CYLINDERS NOT INSTALLED. A.D. 2009-26-12 AMD 39-16151 N/A AFFECTED CYLINDERS NOT INSTALLED. A.D. 2012-03-07 AMD 39-16948 N/A AFFECTED CARBURETOR NOT INSTALLED. A.D. 2012-19-01 AMD 39-17196 N/A AFFECTED CRANKSHAFT NOT INSTALLED. A.D. 2015-02-07 AMD 39-18074 C/W INSTALLED SET SCREW IAW SI 1343B. A.D. 2017-16-11 AMD 39-18988 N/A AFFECTED ROD BUSHINGS NOT INSTALLED.</p> <p> Stephen D. Fowler P 477629769</p>
				SUB-TOTALS this page
				TOTALS -Carry forward to next page

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
------	-----------------------	---------------------------	------------------------------	---

TOTALS brought forward from previous page

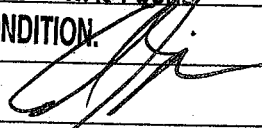
9/15/2020 T-6978.8 ETT-6348.6 TSMOH-0.0 100 hr/Annual Inspection
 Reinstalled engine after overhaul by Americas Aircraft Engines.
 Reinstalled the engine after overhaul, O-540-J3C5D, SN-L-23808-40A and overhauled propeller, PN-B2D34C214, SN-778939.
 Installed using all new hoses, overhauled prop governor and overhauled oil cooler. Ran engine to full power and checked all systems. All checks were normal. All work performed IAW FAR43, Appendix D and AC43.13 1B/2A and applicable maintenance manual. This engine is returned to service.
 Charles Schandelmeier, IA3575997

I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A 100hr/Annual INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

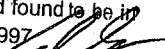


10/6/2021 T-6987.3 ETT-6357.1 TSMOH-8.5 100 hr/Annual Inspection
 Compression Test-75, 74, 74, 80, 78, 76/80
 Removed all sparkplugs, clean inspect gap and reinstall all sparkplugs.
 Change oil and filter. Serviced with 8 quarts of Phillips X/C 20w50 oil and a CH48103-1 oil filter. Checked magneto timing to 23 degrees. Inspected engine air filter. Check all belts, hoses, and engine mounts for condition and wear. Inspected intake and exhaust systems. Ran engine to full power. All checks were normal. All work performed IAW FAR43, Appendix D and AC43.13 1B/2A and applicable maintenance manual. This engine is returned to service. Charles Schandelmeier, IA3575997

I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A 100hr/Annual INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.



11/1/2022 T-6992.2 ETT-6362.0 TSMOH-13.4 N118SG
 100 hr/Annual Inspection
 Compression test-74, 74, 74, 74, 75, 76/80
 Removed all sparkplugs inspect, clean, test and reinstall. Change oil and filter. Serviced with 8 quarts of Phillips XC 20w50 oil and a 48103-1 filter. Checked magneto timing at 23 degrees. Replaced engine air filter, PN-BA2505. Inspected intake and exhaust systems. Ran engine to full power and checked all systems. All checks were normal. All work performed IAW FAR43, Appendix D and AC43.13 1B/2A and applicable maintenance manual. This engine has been inspected IAW a 100HR/Annual Inspection and found to be in airworthy condition. Charles Schandelmeier, IA3575997



SUB-TOTALS this page

TOTALS-Carry forward to next page