

4118A

closed

LYCOMING

A Textron Company

ENGINE LOG

SSP-1872-1

LYCOMING

A Textron Company

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


Form No. 2480 (3/04-LM)

CORRECTION ISSUED 9/21/06

This engine has been overhauled in accordance with the applicable Lycoming specifications. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are new, newly rebuilt or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: **IO-360-L2A**
Serial #: **L-30017-51A**
Total Time: **2025.8**
Work Order #: **MT265907**
Date Completed: **10/12/05**

Authorized Signature



Lycoming Engines

652 Oliver Street
Williamsport, PA. 17701
Repair Station: EJ1R115K

Cu. In.

0.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
1-04-06	27	59	Installed this engine on N4118A S/N 17280629 using New oil cooler + New hoses + New Lord Mounts All work done I/A/W Lessna Model 172 Maintenance Manual _____ DATE _____		
			 I certify that this ENGINE has been inspected in accordance with a _____ INSPECTION and was determined to be in airworthy condition. 		
			 ENG. TOTAL TIME _____ TACH _____ TSMOH _____ 		
			 MECHANIC _____ Page Total _____ 		
			Brought Forward _____ Total to Date _____		

Blaze L. Moulad AP 2876001

entered in error

NO All Repair Data Must Bear the Endorsement of a
 Certificated Mechanic, and his Rating and
 Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			DATE <u>1-4-06</u>		
			I certify that this ENGINE has been inspected in accordance with a <u>Annual</u> INSPECTION and was determined to be in airworthy condition.		
			ENG. TOTAL TIME <u>20258.0</u> TACH <u>2785.9</u> TSMOH <u>0.0</u>		
			MECHANIC <u>[Signature]</u> NO. <u>AP2730736IA</u>		
4 JAN 06	2785	9	CLW AD2002-26-01 by visual insp. of fuel lines. Due again @ tach 2885.9. <u>[Signature]</u>		<u>AP2730736</u>
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
11/4/05	27	88.5	TEST FLT for new engine. All ind Normal TEST FLT Satisfactory.	<i>Juan P. Martinez</i>	2712729 CF
			DATE <u>2-14-06</u>		
			I certify that this ENGINE has been inspected in accordance with a <u>100hr.</u> INSPECTION and was determined to be in airworthy condition.		
			ENG. TOTAL TIME <u>20356.4</u> TACH <u>2884.3</u> TSMOH <u>98.4</u>		
			MECHANIC <u>B. L. Mardano</u> NO. <u>AP 2876007</u>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

License Number

2712729 CFI

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2-14-06	28	4.3	Complied w/ AD2002-26-01 by visual insp of fuel lines. Due again at 2984.3	Blake J. Woodard	AP2876007
3-30-06	29	74.8	Complied w/ AD2002-26-01 by visual insp of Fuel inj. lines. Due again at 3074.8 DATE <u>3-30-06</u>	Blake J. Woodard	AP2876007
<p>I certify that this ENGINE has been inspected in accordance with a <u>100 hr.</u> INSPECTION and was determined to be in airworthy condition.</p>					
ENG. TOTAL TIME <u>20,446.9</u>			TACH <u>2974.8</u>		
			TSMOH <u>188.9</u>		
MECHANIC <u>Blake J. Woodard</u>			NO. <u>AP2876007</u>		
Brought Forward			<p>All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.</p>		
Total to Date					

ENGINE LOG

Serial No. _____

License Number

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7-24-06	3173	7	Discrepancies on list dated 7.21.06 have been corrected and this aircraft is approved for return to service. KMC A 6411 AP 43252500		
9/12/06	3372	9	C/W AP 2002-26-01 By VISUAL INSP. OF FUEL INJ. LINES DUE AGAIN @ TACH. 3372.9. <i>[Signature]</i> AP 2725388		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

of a


ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9/13/06	3	272.9	PERFORMED 500HR MAGNETO INSPECTION ON BOTH MAGS P/N 4371, LH SN 05081195 AND RH SN 05081199. ADJUSTED INTERNAL TIMING ON BOTH MAGS. ALL WORK DONE IN ACCORDANCE W/ UNISON MASTER SERVICE MANUAL. DUE AGAIN @ TACK: 3772.9. P. J. Will AP 468867123		
9/19/06	3	272.9	ALL UNAIRWORTHY ITEMS ON DISCREPANCY LIST DATED 9/12/06 HAVE BEEN CORRECTED. AIRCRAFT APPROVED FOR RETURN TO SERVICE	P. J. Will AP 468867123	
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10/27/06	33	71.4	<p>LIST OF DISCREPANCIES DATED 10-26-06 HAS BEEN COMPLETED. ENGINE OK FOR RETURN TO SERVICE. _____</p> <p>DATE <u>12/13/06</u></p> <p>I certify that this ENGINE has been inspected in accordance with a <u>ANNUAL</u> INSPECTION and was determined to be in airworthy condition.</p> <p>ENG. TOTAL TIME 2711.6 ^{2711.3} TACH <u>3471.4</u> TSMOH 665.8 <u>685.5</u></p> <p>MECHANIC <u>[Signature]</u> NO. <u>AP4688671231A</u></p>		AP272388
			<p>Page Total</p> <p>Brought Forward</p> <p>Total to Date</p>	<p>All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.</p>	

Date

12/13/06

2-26

ENGINE LOG

Serial No. _____



License
Number

AP 2725388

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
12/13/06	3	47.4	COMPLIED WITH AD 2002-26-01 BY VISUAL INSPECTION OF FUEL INJECTION LINES. DUE AGAIN @ MCH: 3571.4. <i>PJ Miller AP468867123</i>		
2-26-07	3	57.0	C/W AD 2002-26-01 by visual inspection of fuel injection lines. Due again at tech 3671.0.	<i>K. McEwing</i>	<i>AP432578632</i>
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7/19/07	3	19.8	REMOVED OIL PRESS SWITCH, P/N 77041, NSN, AND REPAIRED WITH NEW PRESS. SWITCH, P/N 83278, NSN, I/AW CRESNA 172 SERVICE MANDAL 79-30-00. FOR COMPLIANCE WITH CRESNA S.B. 07-79-01. AP2818516		AP2818540
7/19/07	3	19.8	C/W AD 2002-26-01 BY VISUAL INSP. OF FUEL INJECTION COMPONENTS.		AP2818540
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward					
Total to Date					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			<p>DATE <u>7/19/07</u></p> <p>I certify that this ENGINE has been inspected in accordance with a <u>100 HR</u> INSPECTION and was determined to be in airworthy condition.</p> <p>ENG. TOTAL TIME <u>3010 3009.7</u> TACH <u>3769.8</u> <u>984.2</u> TSMOH <u>983.9</u></p> <p>MECHANIC <u>[Signature]</u> NO. <u>AP2818540</u></p>		
<u>7/19/07</u>	<u>3769</u>	<u>8</u>	<p><u>C/W 500HR MAG. INSPECTION. BOTH MAGS P/N 4371, 414</u> { <u>D/E MAGIN</u> }</p> <p><u>S/N: 05081195, R/H S/N: 05081199. ADJUSTED INTERNAL</u> { <u>TACH: 4269.8</u> }</p> <p><u>TIMING ON BOTH MAGS. ALL WORK F/W LINCOLN MASTER SV. MAN</u> <u>[Signature]</u> <u>AP2818540</u></p>		
			<p>Page Total</p> <p>Brought Forward</p> <p>Total to Date</p>	<p>All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.</p>	

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9/19/2007			C/W 58107-71-03 Does not Apply by O/H date <i>Cliff A. Al</i> AIP 2792099 DATE <u>12-11-07</u>		
			I certify that this ENGINE has been inspected in accordance with a <u>Annual</u> INSPECTION and was determined to be in airworthy condition.		
			3209.2 ENG. TOTAL TIME <u>3209.5</u> (ST) TACH <u>3969.3</u> TSMOH <u>1183.7</u> 1183.4		
			MECHANIC <u>Cliff A. Al</u> NO. <u>AIP 2792099IA</u>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4/17/08	4168	8	DATE <u>4/17/08</u> I certify that this ENGINE has been inspected in accordance with a <u>100 HR</u> INSPECTION and was determined to be in airworthy condition. ENG. TOTAL TIME <u>3408.7</u> TACH <u>4168.8</u> TSMOH <u>1382.9</u> MECHANIC <u>[Signature]</u> NO. <u>A12730736</u>		
4/17/08	4168	8	COMPLIED WITH AD 2002-26-01 By VISUAL INSPECTION OF FUEL INJECTION LINES. DUE AGAIN @ TACH: <u>4268.8</u>	<u>[Signature]</u>	<u>A12730736</u>
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7-1-08	4268	7	COMPLIED WITH 500 HR MAGNETO INSPECTION ON BOTH MAGS, LH P/N 4371 S/N 05081195, NO PARTS REPLACED AND RH P/N 4371 S/N 05081199, REPLACED DISTRIBUTOR P/N K3832 AND COIL P/N K3975, ADJUSTED INTERNAL TIMING ON BOTH, ALL WORK DONE IN ACCORDANCE W/ UNISON MASTER SERVICE MANUAL, DUE AGAIN @ TACH: 47687	<i>[Signature]</i>	AP3231835
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			DATE <u>7-1-08</u> I certify that this ENGINE has been inspected in accordance with a <u>100 HR</u> INSPECTION and was determined to be in airworthy condition. ENG. TOTAL TIME <u>3508.6</u> TACH <u>4268.7</u> TSMOH <u>1482.8</u> MECHANIC <u><i>[Signature]</i></u> NO. <u>AP2705388</u>		
7/1/08	4268.7		c/n AD2002-26-01 By VISUAL Insp OF FUEL INJECTION LINES. DUE AGAIN @ 4368.7 . _____	<i>[Signature]</i>	AP2705388
			Page Total Brought Forward Total to Date	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
06-23-08	4	7	<p>SB OK</p> <p>COMPLIED WITH SERVICE BULLETIN NO. 583. NOT APPLICABLE BY SERIAL NUMBER. NO FURTHER ACTION REQUIRED. COMPLIED WITH SERVICE BULLETIN NO. 584, NOT APPLICABLE BY SERIAL NUMBER. NO FURTHER ACTION REQUIRED.</p>	<i>[Signature]</i>	AP3231835

			Page Total
			Brought Forward
			Total to Date

All Repair Data Must Bear the Endorsement of a
 Certificated Mechanic, and his Rating and
 Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10-1-08	4468	.1	clw AD 2002-26-01 by visual inspection of fuel injection lines 1/4" w/ Lyc. SB342E. Due again at tach 4468.1.	<i>Duffy</i>	AP53660824
			DATE <u>10-1-08</u>		
			I certify that this ENGINE has been inspected in accordance with a <u>100-HR</u> INSPECTION and was determined to be in airworthy condition.		
			ENG. TOTAL TIME <u>3708.0</u>	TACH <u>4468.1</u>	
				TSMOH <u>1682.2</u>	
			MECHANIC <u>Duffy</u>	NO. <u>AP53660824</u>	
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
11/19/08	4	567.5	c/w AD 2002-26-01 by visual inspection of fuel inj. lines S/A/w L/c. SB 342 E due again @ Tach 4667.5 DATE <u>11/19/08</u>	<i>D. E. W.</i>	AP53660824
			I certify that this ENGINE has been inspected in accordance with a <u>Annual</u> INSPECTION and was determined to be in airworthy condition.		
			ENG. TOTAL TIME <u>3807.4</u> TACH <u>4567.5</u> TSMOH <u>1781.6</u>		
			MECHANIC <u><i>D. E. W.</i></u> NO. <u>AP53660824IA</u>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

Service Bulletins, Letters, Instructions & A D Notes

DATE _____

1/26/09 T: 4666.8 C/W AS2002-26-01 By VISUM INSPECTION OF FUEL INJ
LINES I/A/W LYL. 5B342E DUE AGAIN @ TACH:

[Signature] AP 2725388

DATE

1/26/09

I certify that this ENGINE has been inspected
in accordance with a 100 HR INSPECTION
and was determined to be in airworthy
condition.

ENG. TOTAL TIME

3906.7

TACH 4666.8

TSMOH 1880.9

MECHANIC

[Signature]

NO. AP 2725388

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

03/13/09 T: 4765.5 C/W 500 HOUR MAGNETO INSPECTION ON BOTH MAGS.

LH MAGNETO P/N 4371 S/N 05081195 REPLACED DISTRIBUTOR P/N K3822 AND
GEAR P/N M3822. RH MAGNETO P/N 4371 S/N 05081199 NO PARTS

REPLACED. ADJUSTED INTERNAL TIMING ON BOTH. ALL WORK DONE

I/A/W UNISON MASTER SERVICE MANUAL. DUE AGAIN @ TACH: 5265.5

John A. E. 9 AP3271838

3/17/09 T: 4765.5 C/W AD2002-26-01 By Visual Insp. of Fuel Inj Lines

I/A/W Lyc. SB342E. DUE AGAIN @ TACH: 4865.5. *John A. E. 9*

AP53660824

Service Bulletins, Letters, Instructions & A D Notes

DATE _____

DATE 3/17/09

I certify that this ENGINE has been inspected
in accordance with a 100HR INSPECTION
and was determined to be in airworthy
condition.

ENG. TOTAL TIME 4005.4 TACH 4765.5
TSMOH 1919.6

MECHANIC [Signature] NO. AP5366082P

DATE 5/26/09

I certify that this ENGINE has been inspected
in accordance with a 100HR INSPECTION
and was determined to be in airworthy
condition.

ENG. TOTAL TIME 4110.8 TACH 4870.9
TSMOH 2085.0

MECHANIC [Signature] NO. AP2725388

5/26/09 T: 4870.9

C/w AD2002-26-01 By VISUAL
Insp. of FUEL INJ. LINES
I/A/W Ltc. SB342E. DUE AGAIN
@ TACH: 4970.9

[Signature] AP2725388

Service Bulletins, Letters, Instructions & A D Notes

DATE _____

~~of~~ 7-23-09 4970.6 c/w AD 2002-26-01 by visual insp
of fuel injection lines F/A/w Lycoming
SB 342E due again @ Tach 5070.6
→ Eng. AP53660824

DATE 7-23-09

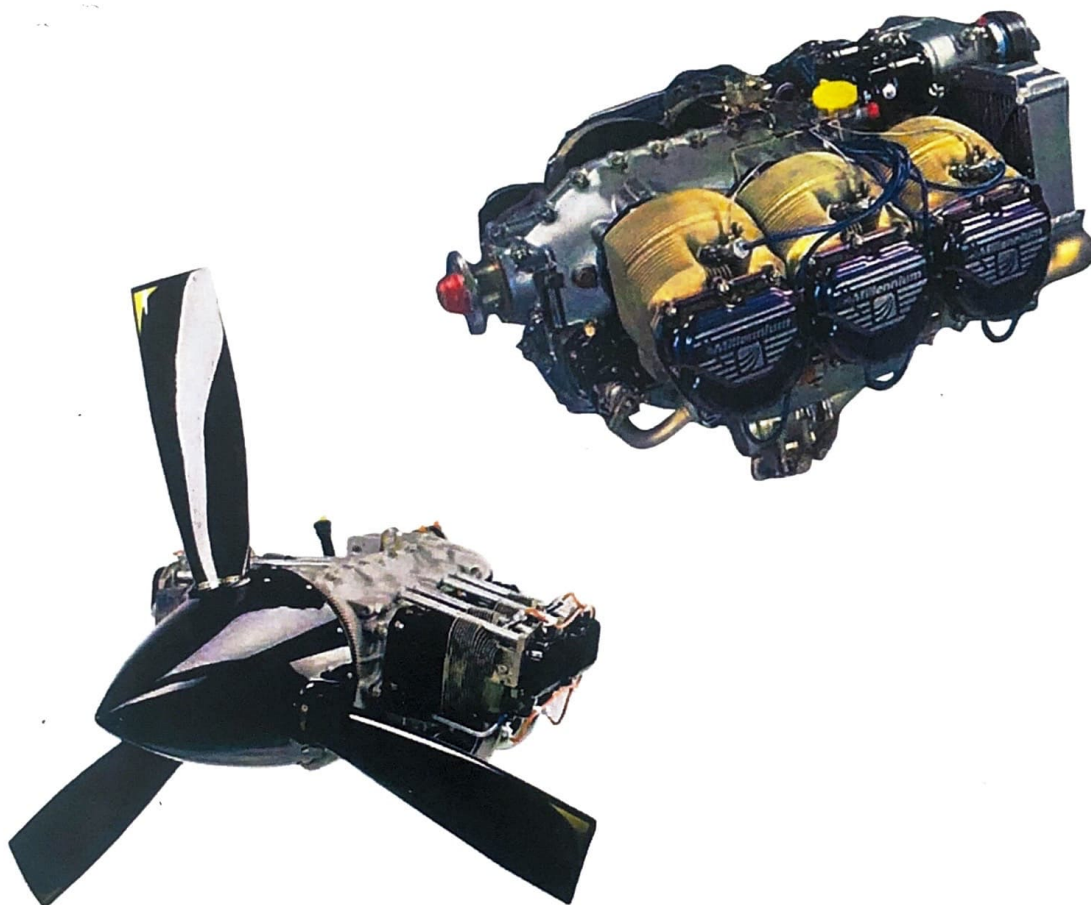
I certify that this ENGINE has been inspected
in accordance with a 100HR INSPECTION
and was determined to be in airworthy
condition.

ENG. TOTAL TIME 4210.5 TACH 4970.6
TSMOH 8184.7

MECHANIC Eng NO. AP53660824

Closed

ENGINE MAINTENANCE RECORDS



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: Spartan College of Aeronautics
Model: IO-360-L2A
Serial Number: L-30017-51A
Work Order: 1016097

Aircraft: Cessna C152
Registration:
Tach or Hobbs:
Date of Overhaul: 12-12-2016

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 or 1000 hours, whichever occurs first. 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. Louie

ENGINE MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. N4118A

Engine Manufacturer Lycoming

Model IO-360-L2A

Serial No. L-30017-51A

Date installed on aircraft 12-28-2016


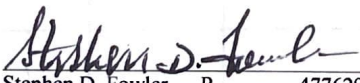
Time Between Overhauls (TBO) 2000 Hours

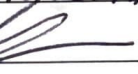
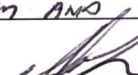

If used on multi-engine aircraft:

- | | |
|--------------------------------|-------------------------------|
| <input type="checkbox"/> Right | <input type="checkbox"/> Left |
| <input 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 IO-360-L2A SERIAL # L-30017-51A DATE 12-12-2016 TIME SMOH 0.0 TOTAL TIME 6757.1</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 1016097.</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 LYCOMING IO-360-L2A S/N: L-30017-51A W/O #: 1016097 A.D. NOTES 12-12-2016</p> <p>A.D. 66-20-04 AMD 39-277 N/A AFFECTED GASKET 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 NOT INSTALLED. A.D. 75-09-15 AMD 39-2187 N/A AFFECTED GASKET NOT INSTALLED. A.D. 78-23-10 AMD 39-3333 N/A AFFECTED SEAL ASSEMBLY NOT INSTALLED. A.D. 79-04-05 AMD 39-3570 N/A AFFECTED DIAPHRAGM NOT INSTALLED. A.D. 90-04-06 R1 AMD 39-6915 N/A AFFECTED OIL LINE NOT INSTALLED. A.D. 92-12-05 AMD 39-8265 N/A AFFECTED PISTON PINS NOT INSTALLED. A.D. 93-11-11 AMD 39-8584 N/A RAJAY FUEL PUMP NOT INSTALLED. A.D. 96-09-10 AMD 39-9586 N/A AFFECTED OIL PUMP NOT INSTALLED. A.D. 96-23-03 AMD 39-9826 N/A AFFECTED FUEL PUMP NOT INSTALLED. A.D. 97-15-11 AMD 39-10085 N/A AFFECTED PISTON PINS NOT INSTALLED. A.D. 98-02-08 AMD 39-10291 N/A AFFECTED CRANKSHAFT NOT INSTALLED. A.D. 98-17-11 AMD 39-10713 N/A AFFECTED CRANKSHAFT NOT INSTALLED. A.D. 2003-14-03 AMD 39-13222 N/A AFFECTED FUEL PUMP NOT INSTALLED. A.D. 2004-10-14 AMD 39-13644 N/A NOT A PROP STRIKE. A.D. 2005-19-11 AMD 39-14276 N/A AFFECTED CRANKSHAFT NOT INSTALLED. A.D. 2006-06-16 AMD 39-14525 N/A AFFECTED CRANKSHAFT NOT INSTALLED. A.D. 2006-10-21 AMD 39-14604 N/A AFFECTED RODS NOT INSTALLED. A.D. 2006-12-07 AMD 39-14632 N/A AFFECTED CYLINDERS NOT INSTALLED. A.D. 2009-02-03 AMD 39-15793 N/A AFFECTED SERVO PLUG GASKET NOT INSTALLED. A.D. 2009-26-12 AMD 39-16151 N/A AFFECTED CYLINDERS NOT INSTALLED. A.D. 2012-03-06 AMD 39-16947 N/A AFFECTED SERVO DIAPHRAGM 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. 2015-19-07 AMD 39-18269 C/W INSTALLED FUEL LINES IAW MSB NO 342G.</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
2017 01-07-16	6757.1	0.0	555.2	Installed This Engine on C172R N4118A S/N# 172 80629, AF 77 11080-9 hrs. In Airworthy Condition.  AP3700919
01-06-17	6757.1	0.0	555.2	Complied with AD 2001-06-07 By Adjustment of the Idle Mixture and Idle Stop to Register 650 RPM and 25-50 RPM Rise at Idle Cutoff.  AP3700919.
				DATE <u>01-06-2017</u> I certify that this ENGINE has been inspected in accordance with a <u>100 hr</u> INSPECTION and was determined to be in airworthy condition.
			TACH <u>555.2</u>	
ENG. TOTAL TIME <u>6757.1</u>			TSMOH <u>0.0</u>	
MECHANIC 			NO. <u>AP3700919</u>	

FAA - PMA

This tag certifies that Sky-Tec Model No. 149-NL
 Serial No. FN-481575 was manufactured new on 01 Dec 2015
 by Sky-Tec under the authority of FAA-PMA No. PQ0852SW
 Supplement No. 7 in accordance with Sky-Tec's
 FAA-Approved Quality System (14CFR Part 21, Subpart K).
 This article has been determined to be airworthy.
 For installation eligibility see www.skytecair.com/eligibility.htm
 Installed on N 4118A by 
 (Aircraft) (Mechanic)
AP3700919

Form CC1108-1

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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
				TOTALS brought forward from previous page
				<p>DATE <u>03-24-2017</u> TACH TIME <u>654.7</u></p> <p>Engine TOTAL TIME <u>6856.6</u> TIME SINCE O/H <u>99.5</u></p> <p>I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100HR</u> inspection and a list of discrepancies and unairworthy items dated <u>03-23-2017 201700451</u> has been provided for the aircraft owner or operator.</p> <p>MECHANIC <u>[Signature]</u> NO <u>3308009/AA/1A</u> <u>Michael A. Mozditan</u></p>
<u>3/24/17</u>	<u>6856.6</u>	<u>99.5</u>	<u>654.7</u>	<p>Removed starter P/N: 149-NL S/N FN-481575 Installed starter P/N: 149-NL S/N FN-161689. No change in weight and balance. details of install starter below.</p> <hr/> <p style="text-align: center;">FAA - PMA</p> <p>This tag certifies that Sky-Tec Model No. <u>149-NL</u> Serial No. <u>FN-161689</u> was manufactured new on <u>18 Apr 2016</u> by Sky-Tec under the authority of FAA-PMA No. PQ0852SW Supplement No. <u>7</u> in accordance with Sky-Tec's FAA-Approved Quality System (14CFR Part 21, Subpart K). This article has been determined to be airworthy. For installation eligibility see www.skytecair.com/eligibility.htm Installed on N <u>4118A</u> by <u>[Signature]</u> <u>AP5782442</u> (Aircraft) (Mechanic)</p> <p>W0# 160638</p> <p>Form CC1108-1</p>
<u>03/24/2017</u>	<u>6856.6</u>	<u>99.5</u>	<u>654.7</u>	<p>Complied WITH AD 2015-19-07 by visual INSPECTION OF FUEL LINES AND CLAMP ASSYS IAW LYCAINE MSB 3426 DUE AGAIN AT TACH TIME 754.7 HRS.</p> <p><u>[Signature]</u> <u>Michael A. Mozditan 3308009/AA/1A</u></p>
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

DATE 2017	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
03-27	11,180.4	—	654.7	ACCOMPLISHED CORRECTIVE ACTIONS TO CLEAR DISCREPANCIES AND AREA UNAIRWORTHY ITEMS AS LISTED ON WFO 2017 00451 dated 03-23-2017. Engine is approved for return to service. <i>Don Hubel</i> AP269273D
				DATE <u>05-17-2017</u> I certify that this ENGINE has been inspected in accordance with a <u>100HR</u> INSPECTION and was determined to be in airworthy condition. ENG. TOTAL TIME <u>6956.2</u> TACH <u>754.3</u> TSMOH <u>199.1</u> MECHANIC <u><i>[Signature]</i></u> NO. <u>3308009 AP/HA</u> <u>Michael A. Molzahn</u>
05-17-2017	11280.0	199.1	754.3	Complied with AD ²⁰¹⁵⁻¹⁹⁻⁰⁷ 2011-28-04 by visual inspection of fuel injection lines and hardware IAW LYCOMING SB 3426 ^{Supplement 1} . NO DISCREPANCIES NOTED NEXT DUE AT TACH TIME 854.3 HRS. <u><i>[Signature]</i></u> 3308009 AP/HA <u>Michael A. Molzahn</u>
				DATE <u>6/21/2017</u> I certify that this ENGINE has been inspected in accordance with a <u>100HR</u> INSPECTION and was determined to be in airworthy condition. ENG. TOTAL TIME <u>7055.4</u> TACH <u>853.5</u> TSMOH <u>298.3</u> MECHANIC <u><i>[Signature]</i></u> NO. <u>AP3458475</u>
06/21/17			853.5	C/W AD 2015-19-07 by visual inspection of fuel injection lines and hardware IAW SB3426, supplement 1. No discrepancies noted. Next due tach 953.5. <u><i>[Signature]</i></u> AP3458475
				SUB-TOTALS this page
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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
				TOTALS brought forward from previous page
08/22/2017	7154.6	397.5	952.7	Complied with AD 2015-19-07 by visual inspection of fuel injection lines. No defects found at this time all work done by APW by coming SB 3426. Due again @ tach 1052. AP 3374825 DATE <u>08/22/2017</u> I certify that this ENGINE has been inspected in accordance with a <u>100HR</u> INSPECTION and was determined to be in airworthy condition. ENG. TOTAL TIME <u>7154.6</u> TACH <u>952.7</u> TSMOH <u>397.5</u> MECHANIC <u>[Signature]</u> NO. <u>AP3374825</u>
9/27/2017	7254.0	496.9	1052.	500 hr inspection on LH magneto (PIN 4371 S/N 15110898) and RH magneto (PIN 4371 S/N 151220945) completed IAW 430016300 Series Magneto Maintenance Manual Pg no. 3-3 Paragraph 3.3 500 hr Inspection and Service Tolerances on Pg T-10. and also inspected with 9.0 Maintenance Checklist. Parts used (qty) 2 magneto gaskets PIN LW12681. Reinstalled on engine and torqued. Torque mag nuts to 17 ft. lbs and P-leads 13 in. lbs Incp -ok Trg Chk. <u>[Signature]</u> AP4608763
09/27/2017	7254.0	496.9	1052.0	Accomplished AD 2015-19-07, the Visual inspection of fuel injection Lines and mounting hardware. NO DISCREPANCIES NOTED. INSPECTION Completed IAW LYCOMING SB 3426. Next inspection is due at 1152.0 Hours TACH. TIME <u>[Signature]</u> MICHAEL A. MOLZAHN A&P MECHANIC / IA #3308009 09/27/2017
				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
				DATE <u>09-27-2017</u>
				I certify that this ENGINE has been inspected in accordance with a <u>100 Hour</u> INSPECTION and was determined to be in airworthy condition.
				ENG. TOTAL TIME <u>7254.0</u> TACH <u>1052.0</u> TSMOH <u>496.9</u>
				MECHANIC <u>M. MOLZAM</u> NO. <u>3308009 APP/A</u>
9/29/2017	7254.0	496.9	1052.0	C/W AD 2017-16-11, engine is not affected as Superior Aircraft Connolly Rod bushings were installed @ overhaul by America's Aircraft Engines under no: 1016097. No further action required. <u>AP3456475</u>
11/17/17	7353.8	596.7	1151.8	C/W AD 2015-19-07 by Visual inspection of Fuel Injector Lines & clamps. No Defects Noted. Due again NLT TACH: 1251.8. <u>AP3482442</u>
				DATE <u>11/18/17</u>
				I certify that this ENGINE has been inspected in accordance with a <u>100 HR</u> INSPECTION and was determined to be in airworthy condition.
				ENG. TOTAL TIME <u>7353.8</u> TACH <u>1151.8</u> TSMOH <u>596.7</u>
				MECHANIC <u>APL</u> NO. <u>AP3482442</u>
				DATE <u>12-22-2017</u>
				I certify that this ENGINE has been inspected in accordance with a <u>100HR</u> INSPECTION and was determined to be in airworthy condition.
				ENG. TOTAL TIME <u>7453.6</u> TACH <u>1251.6</u> TSMOH <u>696.5</u>
				MECHANIC <u>M. MOLZAM</u> NO. <u>3308009 APP/A</u>
				SUB-TOTALS this page
				TOTALS -Carry forward to next page

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				TOTALS brought forward from previous page
12-22-2017	7453.4	696.5	1251.6	AD 2015-19-07. Accomplished visual inspection of fuel injection lines and clamps IAW Lycoming SB 3426, NO discrepancies noted. next due @ ^{Engine TT?} AGTT? 7553.4 TACH RMT 1351.6 hrs.
				 MICHAEL A. MOLZAHN A&P MECHANIC/IA #3308009 <u>12/22/2017</u>
01-31-2018	7553.1	796.0	1351.1	AD 2015-19-07 Visual inspection of fuel injection lines and mounts, hardware accomplished IAW Lycoming SB 3426. NO DISCREPANCIES NOTED. next insp due at tach time 1451.1 Hrs, Eng Hrs 7653.1, at Airframe TT: 11976.9 Hrs.
				 MICHAEL A. MOLZAHN A&P MECHANIC/IA #3308009 <u>01/31/2018</u>
				DATE <u>01-31-2018</u>
				I certify that this ENGINE has been inspected in accordance with a <u>100HR</u> INSPECTOR and was determined to be in airworthy condition.
				ENG. TOTAL TIME <u>7553.1</u> TACH <u>1351.1</u> TSMOH <u>796.0</u>
				MECHANIC  NO. <u>3308009Aall/ia</u>
03-07-2018	7652.7	895.6	1450.7	Complied with AD 2015-19-07 by visual inspection of fuel injection lines and mounting hardware IAW Lycoming SB 3426. next inspection due NLT Tach 1,550.7.  AP3746538
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

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				TOTALS brought forward from previous page
				DATE <u>03-09-2018</u> TACH TIME <u>1,450.7</u>
				TOTAL TIME <u>7,652.7</u> TIME SINCE O/H <u>895.6</u>
				I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 HR</u> inspection and a list of discrepancies and unairworthy items dated <u>03-09-18</u> <u>40 #201800405</u> has been provided for the aircraft owner or operator.
				MECHANIC <u>[Signature]</u> NO <u>AP3746538</u>
<u>3/14/18</u>	<u>7652.7</u>	<u>895.6</u>	<u>1450.7</u>	List of Discrepancies Completed, Dated 3-09-18 A/C Approved for RTS. <u>[Signature]</u> AP3782442
				DATE <u>4/8/18</u> TACH TIME <u>1550.6</u>
				TOTAL TIME <u>7752.6</u> TIME SINCE O/H <u>995.5</u>
				I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 HOUR</u> inspection and a list of discrepancies and unairworthy items dated <u>4/7/18</u> <u>NO 2018 00596</u> has been provided for the aircraft owner or operator.
				MECHANIC <u>[Signature]</u> NO <u>AP3782442</u>
<u>4/9/18</u>	<u>7752.6</u>	<u>995.5</u>	<u>1550.6</u>	REMOVED RH MAGNETO P/N 4371 S/N 151120945 PERFORMED 500HR INSPECTION PER UNISON MASTER SERVICE MANUAL SECTION L-1363C. INSTALLED MAGNETO WITH NEW LOCK WASHERS AND TIMED TO 25°BTC. ALL WORK PER SECTION L-1363C AND CESSNA 172R MM CH 74-16-00. PQR AP3665724
<u>04-09-2018</u>	<u>7752.6</u>	<u>995.5</u>	<u>1550.6</u>	Removed LH magneto P/N: 4371 S/N: 15110898. Performed 500 hour inspection. Magneto found to be in serviceable condition. Work done IAW Unison L-1363C 4300/6500 series Magneto Maintenance and Overhaul Manual. Installed magneto. Timed to 25°BTC. Work done IAW Cessna 172 (see next page)
				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
04-09-2018	7752.6	995.5	1550.6	(continued from previous page) maintenance manual chapter 74.10-00. ^{BS} Next inspection due at tach ^{BS} 12,576.4. Buen Cunta AP3798521
				Date: <u>4/9/18</u> Tach Time: <u>1550.6</u> AD 2015-19-07 The visual inspection of fuel injection lines and mounting hardware was accomplished IAW Lycoming Service Bulletin 342G. No Discrepancies were noted. The next inspection is at tach time: <u>1650.6</u> hrs. Mechanic: <u>[Signature]</u> License #: <u>3782442</u> (A&P) IA
				List of discrepancies and unairworthy items completed by the Spartan Maintenance Department under work order #: <u>2018 60596</u> Dated: <u>4/9/18</u> A/C Approved for Return to Service. Aircraft is Airworthy at this time. MECHANIC: <u>[Signature]</u> LICENSE #: <u>3782442</u> (A&P) IA
05/22/18	7851.8	1,094.7	1649.8	complied with AD 2015-19-07 by visual inspection of fuel injections and mounting hardware IAW Lycoming Service Bulletin 342G. Next inspection due no later than <u>7,985.1</u> Tach <u>1,749.8</u> ETT: <u>1,194.7</u> <u>[Signature]</u> AP3746538
				DATE <u>05/22/18</u> TACH TIME <u>1649.8</u> TOTAL TIME <u>7851.8</u> TIME SINCE O/H <u>1,094.7</u>
				I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 HR</u> inspection and a list of discrepancies and unairworthy items dated <u>05/22/18 20180945</u> has been provided for the aircraft owner or operator.
				MECHANIC <u>[Signature]</u> NO <u>AP3746538</u>
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

DATE

05/23/18

05/24/18

06/07/18

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
05/23/18	7851.8	1,094.7	1,649.8	Removed Starter P/N 149-NL S/N FV-161689 AP3746538
05/24/18	7851.8	1,094.7	1,649.8	Installed starter P/N 149-NL S/N FVE-291297. Mehran Galulyan AP3871967
06/02/18	7851.8	1,094.7	1,649.8	Removed starter P/N 149-NL S/N FVE-291297 Installed starter P/N 149-NL/EC S/N S030907 Starter is NEW from Hartzell Engine Technologies under W.O. M266350 dated 10/APR/2018. AP3482442
				<p>Date: <u>06/03/2018</u> #: <u>N4118A</u> Tach: 1750.1 ⁵ <u>1650.1</u></p> <p>Complied with list of discrepancies and un-airworthy items found during inspection Dated: <u>05/22/18</u> under W/O# <u>20180094</u> Aircraft is ready for return to service.</p> <p>Mechanic: <u>Leshi Jeter</u> A&P <u>AP3837722</u></p>
				<p>DATE <u>07-11-2018</u> TACH TIME <u>1749.7</u></p> <p>TOTAL TIME 11275.5 <u>7951.7</u> TIME SINCE O/H 1570.0 <u>1194.7</u></p> <p>I certify that this <u>Engine</u> has been inspected in accordance with a <u>100hr</u> inspection and a list of discrepancies and unairworthy items dated <u>201801269/07-11-2018</u> has been provided for the aircraft owner or operator.</p> <p>MECHANIC <u>M. M. Galulyan</u> NO <u>3308009 A&P/IA</u></p>
				<p>DATE: <u>07-11-2018</u> CURRENT TACH TIME: <u>1749.7</u></p> <p>Complied with AD 2015-19-07 by means of visual inspection of fuel injection lines and mounting hardware IAW Lycoming SB 342G.</p> <p><u>AIRWORTHY</u> UNAIRWORTHY condition at this time.</p> <p>NEXT DUE AT ACFT TT: <u>12375.5</u> TACH TIME: <u>1849.7</u></p> <p>TECHNICIAN: <u>M. Galulyan</u></p> <p>LICENSE: <u>3308009</u> <u>A&P IA</u></p>

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
07-11-2018	795.7	1194.5	1749.7	List of discrepancies and unairworthy items completed by the Spartan Maintenance Department under work order #: <u>201801269</u> Dated: <u>07-11-2018</u> A/C Approved for Return to Service. Aircraft is Airworthy at this time. MECHANIC: <u>[Signature]</u> LICENSE #: <u>3309009</u> A&P IA
07-15-2018	7964.9	1207.8	1762.9	Removed oil cooler by pass valve PIN: ^{BC} 5153E22144 SIN: N/A. Installed oil cooler by pass valve PIN: 53E22144. SIN: 202755. Buss Circuit: AP3798521
9/15/18	8051.1	1294.0	1849.1	C/w AD 2015-19-09 by means of Visual Insp. of fuel Inj. lines and clamps TAW bycomms SS 3428. No Defects NOTED. Due again HGT TACT: 1949.1. Ser. AP3782442. <u>DATE 9/15/18 TACH TIME 1849.1</u> <u>TOTAL TIME 8051.1 TIME SINCE O/H 1294.0</u> I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 HR</u> inspection and a list of discrepancies and unairworthy items dated <u>9/13/18 WOP 2018 01649</u> has been provided for the aircraft owner or operator. MECHANIC: <u>[Signature]</u> NO AP3782442IA
				List of discrepancies and unairworthy items completed by the Spartan Maintenance Department under work order #: <u>2018 01649</u> Dated: <u>9/13/18</u> A/C Approved for Return to Service. Aircraft is Airworthy at this time. MECHANIC: <u>[Signature]</u> LICENSE #: <u>AP3782442IA</u> A&P IA
				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
				DATE <u>10-30-2018</u> TACH TIME <u>1948.8</u> TOTAL TIME <u>8150.8</u> TIME SINCE O/H <u>1393.7</u>
				I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100HR</u> inspection and a list of discrepancies and unairworthy items dated <u>201801951/10-29-2018</u> has been provided for the aircraft owner or operator.
				MECHANIC <u>[Signature]</u> NO <u>3309009</u> <u>M. Molzahn</u> <u>AP/IA</u>
				DATE: <u>10-30-2018</u> CURRENT TACH TIME: <u>1948.8</u> Complied with AD 2015-19-07 by means of visual inspection of fuel injection lines and mounting hardware IAW Lycoming SB 342G. AIRWORTHY/ UN AIRWORTHY condition at this time. NEXT DUE AT ACFT TT: <u>12574.6</u> TACH TIME: <u>2048.8</u>
				TECHNICIAN: <u>[Signature]</u> LICENSE: <u>3309009</u> <u>A&P IA</u>
				Date: <u>11/1/18</u> N# <u>4118A</u> TSMOH: <u>1393.7</u> ETT: <u>8150.8</u> Tach: <u>1948.8</u> AFTT: <u>12471.6</u> Complied with list of discrepancies and un-airworthy items found during inspection dated: <u>10/25/18</u> under W/O# <u>2018 01951</u> . Aircraft is ready for RTS. Mechanic <u>[Signature]</u> AP <u>35077P</u>
				DATE <u>12-03-2018</u> TACH TIME <u>2048.2</u> TOTAL TIME <u>8250.2</u> TIME SINCE O/H <u>1493.1</u>
				I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 Hour</u> inspection and a list of discrepancies and unairworthy items dated <u>12-03-2018 (W/O 2018 02165)</u> has been provided for the aircraft owner or operator.
				MECHANIC <u>[Signature]</u> NO <u>AP3855594</u>
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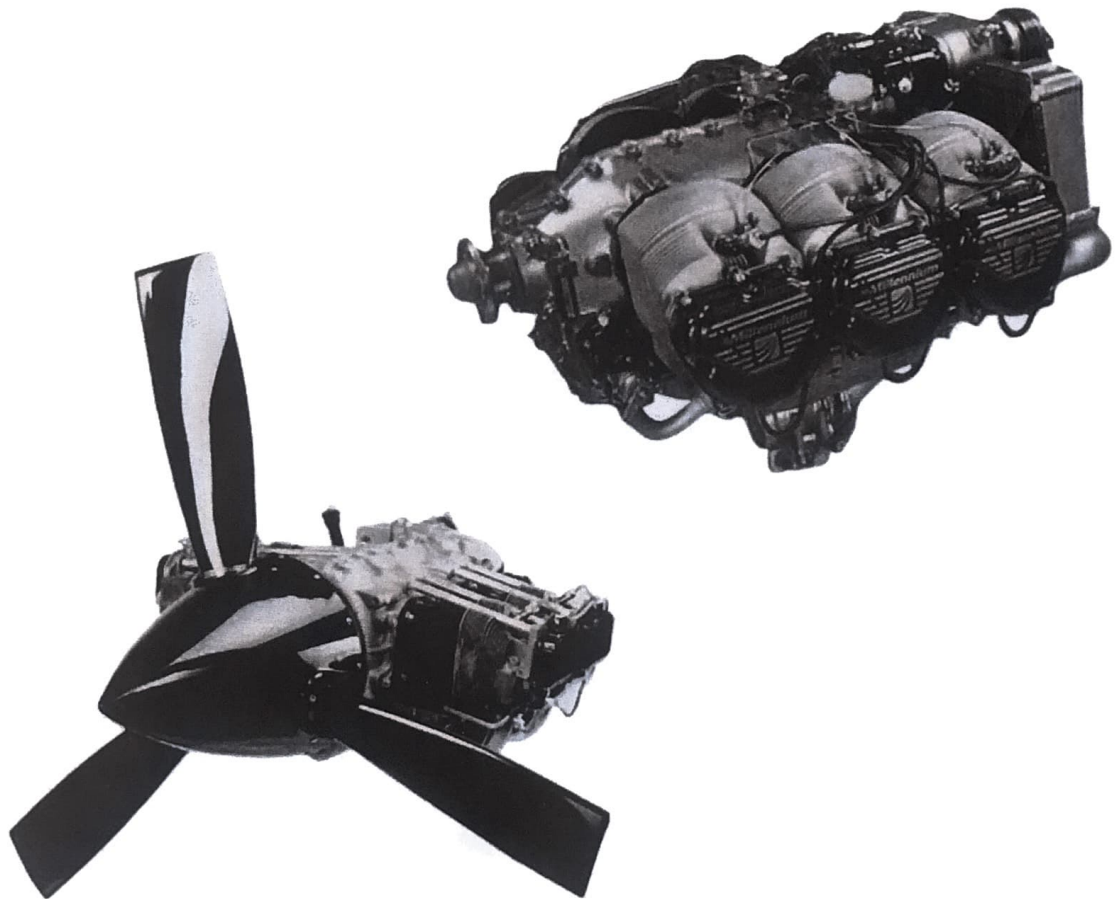
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
12/07/18	8250.2	1493.1	2048.2	Performed 500 hour Magneto Inspection In accordance with Unison L-1363C 4300/6300 Series Magneto Maintenance and Overhaul Manual. Magneto P/N 4371 S/N 15120945 Located on right side no parts replaced Next 500 hour Magneto Inspection due at tach time 2548.2. Michael Galutya AP3871967
12/07/2018	8250.2	1493.1	2048.2	PERFORMED 500HR MAGNETO INSPECTION IAW UNISON L-1363C 4300/6300 SERIES MAGNETO MAINTENANCE AND OVERHAUL MANUAL. ON P/N: 4371 S/N: 15110698 LOCATED ON LH SIDE, NO PARTS WERE REPLACED. NEXT DUE AT 2548.2-TACH TIME. _____ Leah Jeter AP 3837722
12/07/2018	8250.2	1493.1	2048.2	Complied with Fuel injection line AD 2015-19-07 by means of visual inspection IAW Lycoming Service 342 G, #3 cyl. fuel injection line found to be cracked. Following replacement of #3 cyl. fuel injection line, see related squawk under W/O 2018 02165, Complied with AD 2015-19-07 by means of visual inspection IAW Lycoming S/B 342 G, no defects noted at this time. Next due at Tach: 2148.2, AFTT: 12674.0. _____ Austin Wilkinson AP3855594
12/07/18	8250.2	1,493.1	2,048.2	Installed and timed both magnetos to 25° BTC. Luke Corley Luke Corley AP 4075240
				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
				Date: <u>12/08/18</u> N# <u>4118A</u> TSMOH: <u>1493.2</u> ETT: 1493.2 <u>8250.3</u> Tach: <u>2048.3</u> AFTT: <u>12574.1</u> Complied with list of discrepancies and un-airworthy items found during inspection dated: <u>12/05/18</u> under W/O# <u>2018 0210</u> . Aircraft is ready for RTS. Mechanic <u>[Signature]</u> AP <u>AP350771K</u>
<u>07/17/2019</u>	<u>8648.1</u>	<u>1891.0</u>	<u>2446.1</u>	Complied with AD 2015-19-07 by visual inspection of fuel injection lines, clamps, and hardware. No defects found at this time. Work done IATA by coming SI 3426. AD due again at ETT: 8748.1 <u>[Signature]</u> AP3374825
				DATE <u>07/17/2019</u> RUS W/O# <u>2019 01320</u> I certify that this ENGINE has been inspected in accordance with a <u>100HR</u> INSPECTION and was determined to be in airworthy condition. ENG. TOTAL TIME <u>8648.1</u> TACH <u>2446.1</u> TSMOH <u>1891.0</u> MECHANIC <u>[Signature]</u> NO. <u>AP3374825</u>

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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:	Spartan College of Aeronautics	Aircraft:
Model:	IO-360-L2A	Registration:
Serial Number:	L-30017-51A	Tach or Hobbs:
Work Order:	820078	Date of Overhaul: 10-01-2020

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:

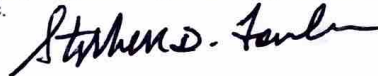
America's Aircraft Engines, Inc.
PO Box 582453, Tulsa, OK 74158
918-371-3000

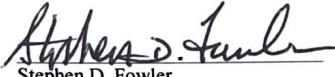

All warranty work is to be accomplished in Collinsville, Oklahoma by America's Aircraft Engines, Inc. unless approval is granted in writing by America's Aircraft Engines, Inc. for work to be accomplished elsewhere or by anyone else, prior to commencement of such work. America's Aircraft Engines, Inc.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



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 Lycoring MODEL IO-360-L2A SERIAL # L-30017-51A DATE 10-01-2020 TIME SMOH 0.0 TOTAL TIME 9404.7</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 820078.</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 IO-360-L2A S/N: L-30017-51A W/O #: 820078 A.D. NOTES 10-01-2020</p>
				<p>A.D. 66-20-04 AMD 39-277 C/W IAW SB 307. A.D. 73-23-01 AMD 39-2804 N/A BY ENGINE SERIAL NUMBER. A.D. 75-08-09 AMD 39-3013 N/A BY ENGINE SERIAL NUMBER. A.D. 75-09-15 AMD 39-2187 N/A AFFECTED FUEL FLOW DIVIDER NOT INSTALLED. A.D. 78-23-10 AMD 39-3333 N/A AFFECTED FUEL SERVO NOT INSTALLED. A.D. 79-04-05 AMD 39-3570 N/A AFFECTED FUEL DIAPHRAGM NOT INSTALLED. A.D. 90-04-06 R1 AMD 39-6915 N/A NO PROP GOVERNOR LINE INSTALLED. A.D. 92-12-05 AMD 39-8265 C/W PISTON PIN P/N LW-14078 INSTALLED. A.D. 93-11-11 AMD 39-8584 N/A AFFECTED FUEL PUMP NOT INSTALLED. A.D. 96-09-10 AMD 39-9586 N/A AFFECTED OIL PUMP IMPELLERS NOT INSTALLED. A.D. 96-23-003 AMD 39-9826 N/A AFFECTED FUEL PUMP NOT INSTALLED. A.D. 97-15-11 AMD 39-10085 C/W PISTON PIN P/N LW-14078 INSTALLED. A.D. 98-02-08 AMD 39-10291 N/A CRANKSHAFT MARKED PID. A.D. 98-17-11 AMD 39-10713 N/A BY ENGINE SERIAL NUMBER. A.D. 2003-14-03 AMD 39-13222 N/A AFFECTED FUEL PUMP NOT INSTALLED. A.D. 2004-10-14 AMD 39-13644 C/W PER MSB 475C, NEW BOLT INSTALLED. A.D. 2005-19-11 AMD 39-14276 N/A BY CRANKSHAFT SERIAL NUMBER. A.D. 2006-06-16 AMD 39-14525 N/A BY CRANKSHAFT SERIAL NUMBER. A.D. 2006-10-21 AMD 39-14604 N/A AFFECTED CONNECTING RODS NOT INSTALLED. A.D. 2006-12-07 AMD 39-14632 N/A AFFECTED CYLINDERS NOT INSTALLED. A.D. 2009-02-03 AMD 39-15793 N/A AFFECTED SERVO PLUG GASKET NOT INSTALLED. A.D. 2009-26-12 AMD 39-16151 N/A AFFECTED CYLINDERS NOT INSTALLED. A.D. 2012-03-06 AMD 39-16947 N/A AFFECTED SERVO 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 BY CRANKSHAFT SERIAL NUMBER. A.D. 2015-19-07 AMD 39-18269 C/W IAW MSB 342G. A.D. 2017-16-11 AMD 39-18988 N/A AFFECTED ROD BUSHINGS NOT INSTALLED.</p>
				<p> Stephen D. Fowler P 477629769</p>
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AIRCRAFT MAINTENANCE RECORDS

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ENGINE LOG BOOK



