652 Oliver Street
Williamsport, PA 17701 U.S.A.
570/323-6181

ENGINE LOG
AND MAINTENANCE RECORD

RECORD OF **LYCOMING** IO-360-A3B6 RL-7873-51E

MAKE MODEL SERIAL

FROM August 27 20 14 TO _____ 20 _____

DETAILING TIME FROM 4618.0 TO _____

HOURS HOURS

Engine Zero Time ϕ

SSP-1872-1

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October 1994

LYCOMING

Rebuilt Reciprocating Engine Certificate

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.

Part Number:	RENPL-RT9304
Serial Number	RL-7873-51E
Engine Model	IO-360-A3B6
Work Order	AR596057
Total Time	0.0

[redacted]
Authorized Representative

7/11/14
Date

Form 2481 Rev 05/13

Production Certificate #3
652 Oliver Street Williamsport, PA 17701 U.S.A
Lycoming Engines is a division of Avco Corporation

Mfgr.
Type
Rated H.
Rated R.
Bore
Compres
Reductior
Propeller
Blade Des
Max. Hub
Pitch
Name
Address

ENGINE DESCRIPTION

Mfgr. LYCOMING	Place Williamsport, PA 17701	Date 9/22/14	
Type	Model IO360A3B6	Serial No. RL-7873-51E	
Rated H.P.	Max. H.P.	Weight (Dry)	
Rated R.P.M.	Max. R.P.M.	Oil Pressure	
Bore	Stroke	Displacement	Cu. In.
Compression Ratio	Supercharger Ratio		
Reduction Gear Ratio			
Propeller	Hub Design	Hub Serial No.	
Blade Design	Blade Serial No.	Blade Serial No.	
Max. Hub H.P.	Max. Blade H.P.		
Pitch	Diameter	Length	
Name George W. "Jud" Schandel			
Address [redacted]			

ENGINE LOG

Serial No. RL-7873-SIE

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
8-27-	20		14 TACH 4617.71		
			INSTALLED THIS ENGINE IN MOONEY		
	201		N201H, S/N 24-0053. INSTALLED		
			ALL NEW FUEL AND OIL HOSES, NEW		
			ENGINE LORD MOUNTS AND ASSOCIATED		
			HARDWARE. REINSTALLED PROPELLER		
			GOVERNOR, VACUUM PUMP, STARTER		
			FROM OLD ENGINE. ALL OPERATIONAL		
			AND LEAK CHECKS GOOD. ENGINE TO		
			BE FLOWN FOR BREAK-IN PER LYCOMING		

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

Date	Ti Hrs
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License Number

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ENGINE LOG

Serial No. RL-7873-51E

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
—	CONTINUED — INSTRUCTIONS • SEE 8130-3			[redacted] A&P [redacted]	
			"Zero Time Tach 4618.0"		
12-2-2014	TACH 4623.95		INSTALLED NEW BAFFLE SEALS AROUND ALTERNATOR AT FRONT BAFFLE. TIGHTENED FITTINGS ON ELECTRIC FUEL BOOST PUMP. REPLACED COWL FLAP RODS AND ADJUSTED PER MANUAL. [redacted]		
			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. RL-7873-61E

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
1-15-2015			TACH 4627.62		
			INSTALLED NEW P/N 660166-003 PROPELLER		
			CONTROL FITTING - CHECKED FOR LEAK AT		
			#3 INTAKE AND SWAPPED THE #1 AND #3		
			FUEL INJECTORS. ADJUSTED HIGH RPM		
			AND IDLE SPEED. REINSTALLED THE		
			C.E.M. C.H.T. IN #3 CYLINDER. CHANGED		
			OIL AND FILTER. REFILLED AEROSHELL 100		
			MINERAL OIL. OPERATIONAL AND LEAK		
			CHECKS GOOD. [redacted]		

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

Date	T Hrs
2/19/15	46

73-61E

License Number

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95

TACH Δ 15.2

ENGINE LOG

Serial No. RL-7873-51E

Date	Time Hrs	Time Min	Δ 4618.0 TTE 36.8 REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
2/19/15	4632.	9	(TTSN 15.2) Compression Check ① 79/80 ② 79/80 ③ 79/80 ④ 79/80		
			Cleaned Engine and Engine Bay with Solvent. Inspected all		
			Baffling. Cleaned all Spark Plugs.		
			I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN		
			ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS		
			DETERMINED TO BE IN AIRWORTHY CONDITION.		
			[redacted]		

			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. RL-7873-57B

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
9/4/15	4648	.8	Δ 30.8 Hours since Oil Time. Changed oil and filter. Refilled with Aeroshell 100 plus A.D. Leak checked OK, Cut oil Sample and inspected filter media which was free of any particles. [redacted]		

Page Total	
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Total to Date	

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

Date	
1/9/15 (Late Entry)	4

3-57E

License Number

ENGINE LOG

Serial No. RL-7873-51E

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
1/9/15 (Late Entry)	4627	.5	Δ 9.5 hours since ∅ time. Changed oil and filter following new engine breakin flights. Refilled with Aeroshell 100 Mineral oil. Cut oil filter to inspect media which was free of any metal particles. [redacted]		
			Page Total		
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			Total to Date		

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

-Δ 4618.0 **ENGINE LOG** Serial No. RL78H-51E

Date	TACH Time Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
3/1/16	4654.8		TTE 36.8 Completed 100HR inspection in accordance with LYCOMING Service Manual. Compression Check. ① 79/80 ② 79/80 ③ 79/80 ④ 79/8. Cleaned Plugs. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. [redacted]		

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

ENGINE LOG

Serial No. RL-7873-51E

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
4/29/2017			N201HH TACH **4690.45** TTE **72.45**		
			Complied with engine annual inspection per the Lycoming Service Manual. Changed oil and filter. Checked magneto timing. Compression test results: #1-76, #2-78, #3-79, #4-78/80. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. Bertrand V Lewis [redacted]		
4/09/17			4725 hours since Ø Time. Changed oil and filter. Refilled with Aeroshell 100 Plus A+D Oil Sample sent to Blackstone for analysis. [redacted]		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
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ENGINE LOG

Serial No. RL-7873-515

5/1/2018 N201HH TACH **4726.54** TTSMOH **108.54**

4 Complied with engine annual inspection. Removed, cleaned, tested, and reinstalled spark plugs. Checked magneto timing with no adjustment necessary. Compression test results: #1-74, #2-77, #3-77, #4-75/80. Engine post maintenance ground run and leak check satisfactory. No new AD's applicable to this engine.

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

Bertrand V Lewis [redacted]

1/4/18	(Date entry)			
	4716.9	Δ 98.9 hours since Ø time	Changed Oil and	
	filter.	Refilled w/10Q Plus AeroShell, Oil Sample to Blackstone		
		Page Total	All Repair Data Must Bear the Endorsement of [redacted] Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
		Brought Forward		
		Total to Date		

owner/op

Date

10/23/18

ENGINE LOG

Serial No. IRL-7873-51E

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
10/23/18	4743	.3	Δ 125.3 hours since Zero Time Changed oil and refilled w/100 Plus Aeroshell. Replaced filter, Oil Sample to Blackstone labs [redacted] - own/op		

5/29/2019 N201HH Tach: 4760.96 TSO: 142.96

Cylinder compressions: #1 - 73/80, #2 - 74/80, #3 - 74/80, #4 - 72/80

I certify that this engine has been inspected in accordance with a 100 hour inspection and was found to be in airworthy condition.

[redacted] ASP [redacted]