

AVCO LYCOMING

ENGINE LOG

AVCO LYCOMING DIVISION

WILLIAMSPORT, PENNSYLVANIA 17701

SSP 1872

AVCO LYCOMING DIVISION  
WILLIAMSPORT, PA. 17701

ENGINE LOG  
AND MAINTENANCE RECORD

RECORD OF Avco Lycoming 0540 A1D5 RL 9114-40  
MAKE MODEL SERIAL  
FROM March 25 1976 TO \_\_\_\_\_ 19\_\_\_\_  
DETAILING TIME FROM 0 TO \_\_\_\_\_  
HOURS HOURS

SSP 1872

June 1972

AVCO LYCOMING

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DETAILING TIME FROM 0 TO \_\_\_\_\_  
HOURS HOURS

SSP 1872

June 1972

1419  
11/6/75

Form No. 776-D

### REMANUFACTURED ZERO TIME ENGINE CERTIFICATE

This is to certify that the engine as described hereafter has been repaired as prescribed by AVCO Lycoming Specifications and Federal Aviation Regulations. All applicable Airworthiness Directives and factory Bulletins complied with at time of remanufacture.

Model O-540-A1D5 Serial No. RL-9114-40

Authorized representative [Signature] Date 11/6/75  
AVCO Lycoming Factory Service Department

**AVCO LYCOMING DIVISION** WILLIAMSPORT, PA. 17701

### ENGINE DESCRIPTION <sup>AT T.T. 1419 hr</sup>

Mfgr. <b>AVCO LYCOMING DIVISION</b>	Place <b>WILLIAMSPORT, PA. 17701</b>	Date	
Type <u>Lycoming</u>	Model <u>O-540-A1D5</u>	Serial No. <u>RL-9114-40</u>	
Rated H.P.	Max. H.P. <u>250</u>	Weight (Dry)	
Rated R.P.M. <u>2500</u>	Max. R.P.M. <u>2500</u>	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 <u>Richard Weise</u>			
Address <u>RD #2 ARDYLE, NY 12809</u>			

# ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
3/25/76 <del>10/14/76</del>	00	00	Installed Piper N7937P Change	Joseph M. Norman	A17187
			<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">                     I certify that this <u>Engine</u> has been inspected in accordance with the <u>Annual</u> inspection procedure and has been determined to be in airworthy condition.                 </div>	TT'611	
			Joseph M. Norman IA-718 782		
5/29/76	14	22	change oil, clean screen mixed oil 50	R. Laine	
6/29/76	14	49	" " " " W.H.A.D 50	R. Laine	
			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.			
7/25/76	14	85	change oil & service screen <sup>1087</sup>	W.H. 50	R. Laine
9/14/76	15	66	" " " "	" 40	R. Laine
10/19/76	15	76	" " " "	" 30	R. Laine
2/3/77	16	93	" " " "	" 30	R. Laine
1/25/76				TT 189:00	
			<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">                     I certify that this <u>Engine</u> has been inspected in accordance with the <u>Annual</u> inspection procedure and has been determined to be in airworthy condition.                 </div>	Joseph M. Norman IA 718-782	
			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. 34

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
4/17/77	1649	58	change oil & clean screen q.s. 50w	R. Leise	
5/4/77	1667	38	change SPARK plug with new RFM40E	R. Leise	
8/16/77	1701	26	change oil & clean screen q.s. 50w	R. Leise	
10/11/77	1740	38	" " " " " " WH. 30 w	R. Leise	
5/28/78	1780	18	" " " " " " q.s. 50 w	R. Leise	
9/13/78	1816	47	" " " " " " " " "	R. Leise	
6/14/78	1789		Tack time		
			<div style="border: 1px solid black; padding: 5px; display: inline-block;">                     I certify that this Engine has been inspected in accordance with the inspection procedure and has been determined to be in airworthy condition.                 </div>		Total Time 370 Annual Repairs
			<i>Joy McManus</i> AI 718-782		
			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.			
11/27/78	1824	27	change oil q.s. 20-30 w.	R. Leise	
4/21/79	1863	64	change oil to 50 w. also put in new plugs	R. Leise	
9/20/79	1900	00	change oil 50w	R. Leise	
12/15/79	1925	19	" " 30 w clean screen		
Aug 21 79	Tack	1889			
			<div style="border: 1px solid red; padding: 5px; display: inline-block;">                     I certify that this Engine has been inspected in accordance with the inspection procedure and has been determined to be in airworthy condition.                 </div>		TTime Engine 470:00 1 115 2 114 3 129 4 115 5 115 6 110
			<i>Joy McManus</i> AI 718-782		
			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.			
4/26/90	1956	35	Change oil To 50W Sept. 9, 1980	Richard Luss	
			Oil change, Plugs cleaned, <sup>all</sup> replace fuel fuel hoses, Comp ch 74, 73, 74, 73, 72, 72/80 rep. systems OK. make tail pipe clamp, add spring to hook gear overall overhaul		
			I CERTIFY THAT THIS AIR CRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETER- MINED TO BE IN AIRWORTHY CONDITION Mike Augustinovich AT8125661		
			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		

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# ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
4/19/91	2013		change oil 95. 50W	Clean screen	
7/12/91	2015	94	" " " "	" "	
6/30/92	2096		" " " "	" "	
10/15/81	2050				
			I certify that this <u>Engine</u> has been inspected in accordance with the <u>Annual</u> inspection procedure and has been de- termined to be in airworthy condition. [Signature] JA 718-782		
			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		

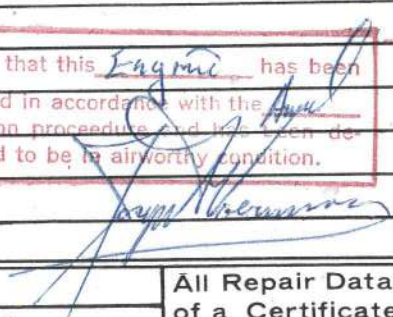
# ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
7/4/92	2091	84	change plugs put in new REMYOTE	<div style="border: 1px solid red; padding: 5px; margin-bottom: 10px;">                     I certify that this <u>Engine</u> has been inspected in accordance with the <u>Annual</u> inspection procedure and has been determined to be in <u>airworthy</u> condition.                 </div> _____ AT 718-782	A.L.
11/1/93	2107	55	change oil PUT 20-30 W ALSO BATTERY		
7/4/93	2126	85	" " " " " " " " " " " " " " " "		
1/8/85	2108	07	Task Time		
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					

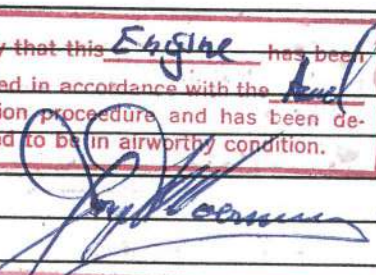
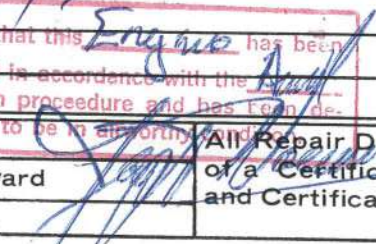
# ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
2/2/84	2140		Task Time	<div style="border: 1px solid red; padding: 5px; margin-bottom: 10px;">                     I certify that this <u>Engine</u> has been inspected in accordance with the <u>Annual</u> inspection procedure and has been determined to be in <u>airworthy</u> condition.                 </div> _____ AT 718-782	_____ _____ with 10%
3/29/85	2150		Engine		
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.			
5/19/85	2153	59	change oil 50W		
4/18/86	Tech	2160:00			
			I certify that this <u>Engine</u> has been inspected in accordance with the <u>FAA</u> inspection procedure and has been determined to be in airworthy condition.	Compression within 10%  IA 718-782	
			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.			
5/29/87	Tech	2170			
			I certify that this <u>Engine</u> has been inspected in accordance with the <u>FAA</u> inspection procedure and has been determined to be in airworthy condition.	Compression within 10% 742klyf  IA 718-782	
24 19:58	Tech	2173			
			I certify that this <u>Engine</u> has been inspected in accordance with the <u>FAA</u> inspection procedure and has been determined to be in airworthy condition.	Compression within 10% 74+  IA 718-782	
			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.			
8 Jun 92	2202	44	Chg oil Aeroshell SAE 50 - CLEANED SCREEN, CKD for FILINGS - NOVE ENGINE RUNUP, NO LEAKS. R.P.L.		
5/22/93	2205	52	<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><i>Tack</i> Engine Time 786:00</p> </div> <div style="width: 40%; border: 1px solid red; padding: 5px;"> <p>I certify that this <u>Engine</u> has been inspected in accordance with the <u>Aviation</u> inspection procedure and has been determined to be in airworthy condition.</p> </div> <div style="width: 25%;"> <p>Compression within 10% W/100 75+</p> </div> </div>	 JA 718-782	
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.			
6/15/94	22		<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>2218:00</p> </div> <div style="width: 40%; border: 1px solid red; padding: 5px;"> <p>I certify that this <u>Engine</u> has been inspected in accordance with the <u>Aviation</u> inspection procedure and has been determined to be in airworthy condition.</p> </div> <div style="width: 25%;"> <p>Compression within 10%</p> </div> </div>	 JA 718-782	
9/13/95	2221		<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><i>Tack</i> 715:00 Eng 802:00</p> </div> <div style="width: 40%; border: 1px solid red; padding: 5px;"> <p>I certify that this <u>Engine</u> has been inspected in accordance with the <u>Aviation</u> inspection procedure and has been determined to be in airworthy condition.</p> </div> <div style="width: 25%;"> <p>Compression within 10% W/100 75+</p> </div> </div>	 JA 718-782	
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.			
11/20/96	5227	00	Total Time	<div style="border: 1px solid red; padding: 5px; display: inline-block;">                     I certify that this <u>Engine</u> has been inspected in accordance with the <u>Aviation</u> inspection procedure and has been determined to be in airworthy condition.                 </div>	
	808	00	Time Since Major		
4/23/98	2231	06	Total Time Airframe (Tack Time)	<div style="border: 1px solid red; padding: 5px; display: inline-block;">                     I certify that this <u>Engine</u> has been inspected in accordance with the <u>Aviation</u> inspection procedure and has been determined to be in airworthy condition.                 </div>	
	812	00	Total Time since major		
			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.			
8/5/99	2232	35	change oil & screen	50 weight	RPL
4/21/99	2240	00	Total Time	<div style="border: 1px solid red; padding: 5px; display: inline-block;">                     I certify that this <u>Engine</u> has been inspected in accordance with the <u>Aviation</u> inspection procedure and has been determined to be in airworthy condition.                 </div>	
	821	00	Time since Major		
			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.			
7/12/00	2235	67	I certify that this engine has been inspected a		
JMOH	824.00		ANNUAL inspection and found to be in airworthy condition. <u>Richard Bovey A&amp;P 2510547IA</u>		
			I certify that this Aircraft has <u>PROP OVERHAUL</u>		
9/01/01	2241.0		Been Inspected in Accordance with <u>COMP 174274376474</u>		
JMOH	900		<u>ANNUAL</u> inspection and is <u>CHANGED OIL 5/14/06</u>		
			Determined to be in Airworthy Condition <u>Checked EXHAUST</u>		
			<u>Richard Bovey A&amp;P 2510547IA</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.			
7/1/02	2246	50	change oil clean screen (Fix door lock also)		
10-1-02	2251	35	I certify that this Aircraft has		
Tach	2251.0		Been Inspected in Accordance with <u>COMP #1-76 #2-74 #376 #474</u>		
JMOH	910.35		<u>ANNUAL</u> inspection and is <u>45-76 #6-76 - changed oil</u>		
			Determined to be in Airworthy Condition <u>15-76 - changed AMC/ISA - NEW</u>		
			<u>Checked hoses - NEW IGNITION HARNESS</u>		
			<u>Richard Bovey A&amp;P 2510547IA</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.			
11/17/03			<div style="border: 1px solid red; padding: 5px;">                     I certify that this <u>Engine</u> has been inspected in accordance with the <u>Annual</u> inspection procedure and has been determined to be in airworthy condition.                 </div> Installed overhauled prop Tech 2258:00 AP 718782	<i>[Signature]</i>	AP 718782
11/17/03			<div style="border: 1px solid red; padding: 5px;">                     I certify that this <u>Engine</u> has been inspected in accordance with the <u>Annual</u> inspection procedure and has been determined to be in airworthy condition.                 </div> change oil & clean screens Tech 2281:00 AP 718782	<i>[Signature]</i>	AP 718782
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			AP 718782		

# ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
5/4/06			<div style="border: 1px solid red; padding: 5px;">                     I certify that this <u>Engine</u> has been inspected in accordance with the <u>Annual</u> inspection procedure and has been determined to be in airworthy condition.                 </div> Tech 2296:00 AP 718782	<i>[Signature]</i>	AP 718782
5/23/07			<div style="border: 1px solid red; padding: 5px;">                     I certify that this <u>Engine</u> has been inspected in accordance with the <u>Annual</u> inspection procedure and has been determined to be in airworthy condition.                 </div> Tech 2296:50 AP 718782	<i>[Signature]</i>	AP 718782
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			AP 718782		

# ENGINE LOG

SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			<div style="border: 2px solid red; padding: 5px; color: red; font-weight: bold;">                     I certify that this <del>Engine</del> has been inspected in accordance with the inspection procedure and has been determined to be in airworthy condition.                 </div>		
Aug 26 08			<div style="border: 2px solid red; padding: 5px; color: red; font-weight: bold;">                     I certify that this <u>Engine</u> has been inspected in accordance with the inspection procedure and has been determined to be in airworthy condition.                 </div>		
				JD 718-78	
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.			
10/15/08	2298	47	change oil at 2298.47 hr 15x50		
8-11-14	TACH	2298.58	TSOH 957.58 Comp ✓ #1 74/80 #2 68/80 #3 68/80 #4 73/80 #5 76/80 #6 72/80. Oil changed. Screen cleaned. Sued. eng w/ Phillips 20W50 X/C oil. AD 96-09-10 oil pump Impellers C/w by replacement. MAG's Sued. by Rich Air. New fuel/flex hoses installed. <del>air filter</del> oil cooler line replaced w/ new. Air filter replaced w/ new. Replaced SCAT hoses <u>over</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.			
7/11	6-21	16	<p>Verify that this Aircraft has been inspected in accordance with ANNUAL Inspection And is Determined To be in Airworthy Condition.</p> <p><u>Richard Boyer</u> Richard Boyer A&amp;P 28105/1 IA</p>		
JAN					
9/0					
SM					

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	