

TEXTRON Lycoming

Textron Lycoming/Subsidiary of Textron Inc.

652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/323-6181

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING

MAKE

MODEL

SERIAL

FROM _____ 19 ____ TO _____ 19 ____

DETAILING TIME FROM _____ TO _____

NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured, run-in and tested as prescribed by **TEXTRON LYCOMING** specifications and Federal Aviation Regulations. No further run-in is required.

MODEL 0-360-A4M

SERIAL NO. L-33682-36A

DATE DEC 28 1992

D. E. Smith

TEXTRON Lycoming

(AUTHORIZED REPRESENTATIVE)

FORM NO. 777-B

Williamsport Plant
Textron Lycoming/Subsidiary of Textron Inc.

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

ENGINE DESCRIPTION

Mfgr. TEXTRON LYCOMING	Place Williamsport, PA 17701	Date		
Type	Model	Serial No.		
Rated H.P.	<div style="border: 1px solid black; padding: 5px;"> <p>TEXTRON Lycoming</p> <p>Reciprocating Engine Division/ Subsidiary of Textron Inc.</p> <p style="text-align: right;">652 Oliver Street Williamsport, PA 17701 U.S.A. 717/323-6181</p> <p>ENGINE SERIAL NUMBER L-33682-36A</p> <p>IN SERVICE DATE 102894 ENG. T.T. 0000</p> <p style="text-align: center;">DETACH AND RETAIN THIS PORTION FOR YOUR RECORD</p> </div>			
Rated R.P.M.				
Bore				
Compression Ratio				
Reduction Gear Rat				
Propeller				
Blade Design				
Max. Hub H.P.			Max. Blade H.P.	
Pitch			Diameter	Length

t (Dry)

essure

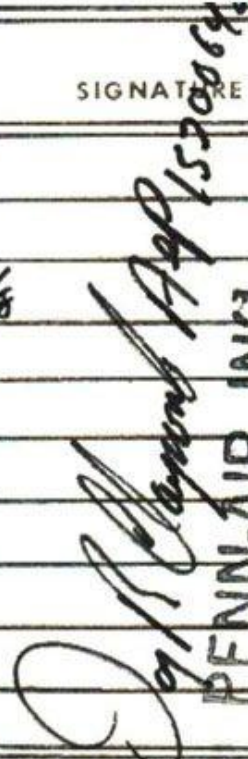
cement Cu. In.

erial No.

No.

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
10/28/94			TACH 426.7 O TSN Installed in N108RV Per STC SA7036L, Sealed with 8 qts aerashed 30 wt mineral oil, test run satis. Chad A. Hart AIP7549006		
Page Total			All Repair Data Must Bear the Endorsement of the Licensee's Name and License Number Must be Shown.		

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
MAR 1, 1995			TARHO 526.7 = 100: SINCE NOW	 PENN-AIR, INC. BLAIR COUNTY AIRPORT MARTINEBURG, PA. 16662	16662
			(1) Changed oil & Filter		
			(2) Service of Plugs, Diff #1 77/80 #2 70/80 #3 76/80 #4 75/80		
			(3) Retimed both mag		
			AIRWORTHY		
			I CERTIFY THIS <u>Engine</u> HAS BEEN INSPECTED		
			IN ACCORDANCE WITH A <u>Visual</u> INSPECTION		
			AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION		
			TOTAL TIME LAST 12 MO <u>100</u>		
			TOTAL TIME ON ENGINE <u>100</u>		
			TOTAL TIME AIRFRAME <u>TT 6251.7</u>		
			MECHANIC 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.			
8-30-96	8	41.6	tech Changed oil & filter, no metal found, Serviced with CH48110 filter & 8 QT 15W-50 shell Carb Heat Inop. found Air valve broken off shaft. Shaft & Arm was not correct parts, Repaired Air Box Installed new Shaft & Arm P/N 0550180-16 & 2EA Bearings P/N 0750113-1 & Valve 0550180-10 & New cable 51230-17 reinstalled Air box & Rig control & installed new 2 in seat Hose Run up & opp's ck normal	Russell Vinn AP178523035	

	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.

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
96 12-18	9	10.0	CHANGED OIL & FILTER, SERVICED WITH ARCADSHILL 15 W50	<i>Joe Davis</i>	AEP 414408355
<p>IT IS CERTAIN THAT THIS ENGINE WAS BEING INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION</p>					
<p>CHANGED OIL AND FILTER, SERVICED WITH ARCAD SHELL 15 W50, CLEANED AND CAPPED PLUGS, CHECKED COMP. #1-76, #2-78 #3-77, #4-79</p>					
TOTAL TIME 535.2 TACH 962.0					
DATE 2/17/97					
JOE DAVIS AEP 414408355 <i>Joe Davis</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.			
5-21	TACH.	1014.5	CHANGED OIL AND FILTERS, SERVICED WITH 8 QTS AEROSHIELD 15W50. See Name APP#4408355		
8/3/98	TACH TT	1023 559.2	Chaged oil and filter, cleared and gaped plugs, com. TEST shows all cyls $\frac{178}{80}$		
			checked timing, replaced exhaust system. TEST res. Satis. Clod A test App 7549006		
			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		

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
8/3/98			TT 559.2 I certify that This engine and prop were inspected I/AK in an annual inspection and were determined to be in an airworthy condition. Club A for Air 7544006 IA		

		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.			
3/3/98			Charged oil and Filter reinstalled, wheel plane prop. Test run satis. Check 4 LA ATP 7549006		
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					

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
5-25-99	10	81.0	tach Annual Insp Comp test all chx 76psi up cke Muey		
	68	06.0	ITAF tuning clean & Crap all plugs, replaced all valve		
	65	4.3	SMOH cover & Ex gaskets Insp Ex & muffler, changed		
			oil & filter no metal found, cleaned pick up screen		
			serviced with 15W-50 shell & 448110 filter, clean		
			fuel screens, repaired all Eng Baffles, installed		
			new Air filter, replaced Carb-heats diet & pick up		
			screen, wash down Eng & huc all controls, tie base		
			wiring etc. Run up & opp's ck normal, no leaks - cont.		

		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	

SERIAL NO.

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
5-25-99			I certify that this Eng has been inspected in accordance with an Annual inspection and was determined to be in Airworthy Condition this date <i>Paul Vesine</i>		
10860	tech				
					AP178523035 IA
7-27-99			q/w 500 HR INSPECTION OF (4th) MAGNETO. REPLACED POINTS & CLEANED DISTRIBUTOR COIL & Block.	<i>C. Vesine</i>	18345614

BEAVER AVIATION INC.
DODGE COUNTY AIRPORT
JUNEAU, WIS. 53089

	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.			
12-29-99			Changed oil and Filter (Aero 15W50) No metal found		
Tach	1161.3		Install new alternator bracket P/N 07A21443 Run up ok Adam Early A.P. 206526629		
Page Total			All Repair Data Must Bear the Endorsement and Certificate Number MUST be shown.		
Total to Date					

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
07/20/00	Date		Inspected Engine using annual inspection report form dated 07/05/00. Changed oil and filter, no metal found. Replaced 7 REM37BY spark plugs. Replaced air filter element. Compression test satisfactory. Test run engine, performance satisfactory. See AD compliance report Dated 07/07/00 for list of current applicable AD compliance. I certify that this engine prop has been inspected in accordance with an annual inspection and was determined to be in <u>airworthy condition</u> .		
1201.	TACH				
774.4	SMOH				
			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. <i>Malcolm R. Folsom</i> SEP LA 58311379	

//14/01 Tach Time 1279.6 Drained oil, installed 8 quarts of 15/50 Aeroshell and new filter.

Malcolm R. Folsom A&P 2708834


//14/01 Tach Time 1279.6 Drained oil, installed 8 quarts of
15/50 Aeroshell and new filter.



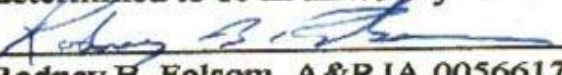
Malcolm R. Folsom A&P 2708834

ENGINE LOG SERIAL NO. _____

7/1/01 Tach Time 1271 Engine Annual Inspection
Drained the oil checked, the oil screen, removed top spark plugs,
checked compression, #1 80/72, #2 80/76, #3 80/65, #4 80/74,
removed bottom spark plugs cleaned and gapped reinstalled,
torqued, checked timing, tightened rocker cover screws, tightened
right hand engine mount bolt to firewall, pressure tested muffler,
installed 8 quarts of Aeroshell 100W and oil filter, checked all
AD's see AD list. I certify that this engine has been inspected in
accordance with a 100 hour inspection and was determined to be
in airworthy condition.


Rodney B. Folsom A&P IA 005661730

7/1/01 Tach Time 1271 Propeller Annual Inspection
Removed spinner, checked propeller, checked ok, reinstalled
spinner and returned to service. I certify that this propeller has
been inspected in accordance with an annual inspection and was
determined to be in airworthy condition.


Rodney B. Folsom A&P IA 005661730

SIGNATURE _____
LICENSE NUMBER _____

V 11

7/30/01 Tach Time 1302.8 Drained oil, installed 8 quarts of
15/50 Aeroshell and new filter.

M.R.F.
Malcolm R. Folsom A&P 2708834

1/25/02 Tach Time 1328.2 Drained oil, installed 8 quarts of
15/50 Aeroshell and new filter.
rough *M.R.F.*
total to Malcolm R. Folsom A&P 2708834

Engine Log N108RV Cessna 172M SN12267233
4-1-02 Tach 1346.5 Replaced left magneto
with new part # 4371 from unison
Serial # 02011809. Timed to 25° BTC
per data plate. Cleaned plugs + rotated top
to bottom. Charged A/C battery. Run up
check normal. (End)
Frank Solari
A+P 1901898

INSE
ABER

4/16/02 Tach Time 1351.6 Drained oil, installed 8 quarts of 15/50
Aeroshell and new filter.

M.R.F.
Malcolm R. Folsom A&P 2708834

4/16/02 Tach Time 1351.6 Drained oil, installed 8 quarts of 15/50 Aeroshell and new filter.

Malcolm R. Folsom
Malcolm R. Folsom A&P 2708834

7/5/02 Tach Time 1393.0 Drained oil, installed 8 quarts of 15/50 Aeroshell and new filter.

Malcolm R. Folsom
Malcolm R. Folsom A&P 2708834

ENGINE LOG SERIAL No. _____

10/10/02 Tach Time 1410 Engine Annual Inspection
Removed top spark plugs, checked compression #1 80/72, #2 80/73, #3 80/65, #4 80/76, removed bottom spark plugs, cleaned and gapped plugs, checked timing, drained oil, checked oil filter, installed 8 quarts of 15/50, removed muffler shroud, checked for exhaust leaks, reinstalled muffler shroud, checked all gas and oil lines, throttle linkages, mixture cable, adjusted idle mixture, checked all AD's see AD list. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Rodney B. Folsom
Rodney B. Folsom A&P IA 005661730

12/6/02 Tach Time 1447.4 Drained oil, installed 8 quarts of 15/50 Aeroshell and new filter.


Malcolm R. Folsom
Malcolm R. Folsom A&P 2708834

Total to Date _____

SIGNATURE _____
LICENSE NUMBER _____

endorsement
his Rating
Shown.

L. NO. _____

DATE	TIME		Description
	Hrs.	Min.	
			5/4/03 Tach Time 1475.8 Drained oil, installed 8 quarts of 15/50 Aeroshell and new filter.
			 Malcolm R. Folsom A&P 2708834
			Page Total
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			Total to Date

SIGNATURE	LICENSE NUMBER

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

removed top spark plugs, compressions #1 80/64, #2 80/72, #3 80/73, #4 80/65, removed bottom spark plugs drained oil, installed new oil filter, checked oil filter for contamination, checked ok, installed 8 quarts of 15/50 Aeroshell, checked all fuel and oil lines, checked timing, tightened #2 rocker cover, checked all AD's, see AD list. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Rodney B. Folsom
Rodney B. Folsom A&P IA 005661730

9/15/03 Tach Time 1507 Propeller Annual Inspection
Removed spinner, checked propeller, checked ok, reinstalled spinner and returned to service. I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Rodney B. Folsom
Rodney B. Folsom A&P IA 005661730

LOG SERIAL NO. _____

WORKS

SIGNATURE

LICENSE
NUMBER

Air Data Must Bear the Endorsement
Certificated Mechanic, and his Rating
and Certificate Number MUST be Shown.

Total to Date

DATE	TIME		REPA
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			Page To
			Brought
			Total to Date

00007

9/20/04 Tach Time 1676.3 TT ~~1676.3~~ Propeller Annual Inspection Removed spinner, checked propeller, checked ok, reinstalled spinner and returned to service. I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Rodney B. Folsom

Rodney B. Folsom 005661730 IA

LICENSE
NUMBER

SIGNATURE

Signature
Mechanic, and his Rating
and Certificate Number MUST be Shown.

Form 1102.0

Engine Annual Inspection

DATE	TIME	
	Hrs.	Min.

Removed bottom spark plugs, checked compressions, #1 80/76, #2 80/75, #3 80/77, #4 80/73, removed top spark plugs, cleaned and gapped all plugs and antiseized, drained oil, removed oil filter, inspected oil filter, retorqued, test ran, checked normal, inspected exhaust, all linkages, inspected propeller, installed 2 new Slick magnetos, checked all fuel and oil lines and screens, timed engine, checked all ADs, see AD list, installed 8 quarts of 15/50 Aeroshell.

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

Rodney B. Folsom
 Rodney B. Folsom IA A&P 2732122

SIGNATURE	LICENSE NUMBER

Page Total
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Total to Date

All Repair Work
 ne Endorsement
 of a Certificated Mechanic, and his Rating
 and Certificate Number MUST be Shown.

DATE	TIME		REPAIRS - A
	Hrs.	Min.	
Page Total			
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Total to Date			

LICENSE NUMBER

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Rating

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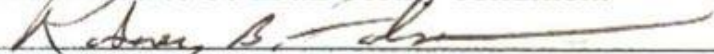
4/7/06 Tach 1762.8 TT 968.2 Propeller Annual Inspection
 Removed spinner, checked propeller, checked ok, reinstalled
 spinner, and returned to service. I certify that this propeller was
 inspected in accordance with an annual inspection and was
 determined to be in airworthy condition.
Rodney B. Folsom
 Rodney B. Folsom IA A&P 2732122

9/24/07 Tach Time 1860 TT 1065.4 Propeller Annual Inspection
 Removed spinner, checked propeller, checked ok, dressed blades,
 reinstalled spinner and returned to service. I certify that this propeller
 was inspected in accordance with an annual inspection and was
 determined to be in airworthy condition.
Rodney B. Folsom
 Rodney B. Folsom IA A&P 2732122

DATE	TIN
	Hrs.

9/24/07 TT 1860 Engine Annual Inspection

Removed top spark plugs, checked compression #1 80/71, #2 80/68, #3 80/72, #4 80/70, removed bottom spark plugs, cleaned and gapped all plugs, reinstalled spark plugs and torqued, readjusted mixture control, retimed, checked fuel strainer and oil and gas lines for leakage, installed new alternator belt, replaced all 4 exhaust gaskets, removed muffler shroud inspected for cracks, inspected engine mount for cracks, reinstalled shroud, adjusted idle mixture, retorqued propeller and safetied, installed 7 quarts of Aeroshell 15/50 oil and new oil filter, checked all AD's, see AD list. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.


 Rodney B. Folsom IA A&P 2732122

SIGNATURE	LICENSE NUMBER

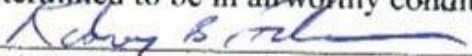
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Total to Date

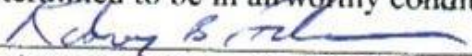
and Certificate Number MUST be Shown.

Bear the Endorsement Mechanic, and his Rating

ENGINE LOG SERIAL NO. _____

DATE	TIME		SIGNATURE	LICENSE NUMBER
	Hrs.	Min.		
11/15/08			 Rodney B. Folsom IA A&P 2732122	

11/15/08 Tach Time & TT 1970.2 Engine Annual Inspection
 Removed top spark plugs, checked compressions #1 80/70, #2 80/68, #3 80/70, #4 80/69, removed bottom spark plugs, cleaned and gapped all plugs, reinstalled plugs and torqued, adjusted mixture control, checked fuel strainer, oil and gas lines for leakage, removed muffler shroud, inspected muffler shroud and engine mounts for cracks – reinstalled, installed 7 quarts of Aeroshell 15/50 and new oil filter, checked all ADs see AD list. I certify that this engine has been inspected in accordance with an annual inspection and determined to be in airworthy condition.


 Rodney B. Folsom IA A&P 2732122

the Endorsement
 c, and his Rating
 JST be Shown.

ENGINE LOG SERIAL NO. _____

DATE	TIME		DESCRIPTION	SIGNATURE	LICENSE NUMBER
	Hrs.	Min			
			11/15/08 Tach Time 1970.2 TT 1175.6 Propeller Annual Inspection Removed spinner, checked propeller, checked ok, dressed blades, reinstalled spinner and returned to service. I certify that this propeller has been inspected in accordance with an annual inspection and determined to be in airworthy condition.		
			<i>Rodney B. Folsom</i>		
			Rodney B. Folsom IA A&P 2732122		

ar the Endorsement
anic, and his Rating
MUST be Shown.

11/02/09 Each Time & 11 1993.5 SMOH 0 Engine Major Overhaul All steel parts sent to Quality Assurance for magna fluxing and inspection, all engine parts stripped and repainted, crankcase inspected and measured, dye penetrated checked for cracks found to be in new tolerances, crankshaft measured and miked found to be in new tolerance, all 4 cylinders sent in and rebuilt by Engine Components including valves, springs, rocker shafts, caps, piston and rings, ECI piston pins, 1 new oil pump kit including impellers and drive, all new major overhaul gasket kit, nose seal, intake seals, cylinder drain tube seals, 8 new spark plugs, 2 new Slick magnetos, harness, 8 new shroud tubes, 1 newly overhauled starter, new cylinder hold down nuts, rocker cover screws, crankcase screws and bolts, oil filter, reinstalled vacuum pump, all new lord mounts, newly overhauled engine mount, repaired all baffling and repainted, all new main bearings standard, rod bearings standard, recondition tappet bodies, all new rod bolts and nuts, silk string gasket for crankcase, crank gear bolt and lock, reinstalled engine preheater, checked operation checked ok, installed propeller, torqued and safetied, test ran 1/2 hour on the ground, inspected engine after test run - checked ok, all temperatures and pressures within tolerances, test flew 3.6 hours checked ok all temperatures and pressures normal. I certify that this engine has had a major and is ok to return to service. All tags in logbooks.

LICENSE
NUMBER

sement
Rating

and certificate number must be shown.

DATE	TIME		REPAIRS -
	Hrs.	Min.	
			Page Total
			Brought Forward
			Total to Date

Malcolm R. Folsom
Malcolm R. Folsom A&P 2708834

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			11/02/09 Tach Time & TT 1995.3 SMOH 0		
			I certify that this engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition.		
			<i>Rodney B. Folsom</i>		
			Rodney B. Folsom IA A&P 2732122		

		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	