

# ENGINE LOG



## NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by **LYCOMING** specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been complied with at time of Manufacture.

MODEL O-360-A4M SERIAL NO. L-39240-36A

DATE 7-2-03

[Signature]  
(AUTHORIZED REPRESENTATIVE)

**LYCOMING**  
A Textron Company

**LYCOMING ENGINES**  
652 Oliver Street  
Williamsport, PA 17701 U.S.A.

Form No. 777-B (Rev. 3/03)

# **ENGINE LOG**

THE NEW  
PIPER AIRCRAFT, INC.

**General Offices at  
Vero Beach, Florida  
U.S.A.**

**Part No. 230716**

# OWNER

NAME	ADDRESS	Installed in Aircraft No.	Date
1		N3038N	SEP 04 2003
2			
3			
4			
5			
6			

If this book is found, please return it to the owner.

## ENGINE DESCRIPTION

**LYCOMING - WILLIAMSPORT, PENNA.**  
Manufacturer: \_\_\_\_\_

Serial No. L-39240-36A



Horsepower: 180

Model: 0-360-A4M

FAA T. C. No. E286

Engine Accessories	Serial No.	Weight
		X

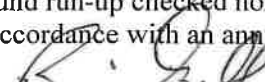
# ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
<u>ENGINE LOG BOOK ENTRY</u>				
Reliant Aircraft Service/Danbury, CT.06810 N3038N PA28-181 S/N 2843574 Lycoming 0-360-A4M S/N L-39240-36A 1/22/2004 Tach. 40.8 Performed a 50 hour inspection in accordance with Piper Inspection P/N 761-883 Rev. 12/15/2001. Performed routine oil/filter change. Oil filter inspection showed no unusual contamination. Re-serviced with 8qts Aeroshell 15W50 and a new CH48110-1 filter. Replaced three missing bolts for #4 valve cover. Stephen DiSorbo A&P44423231 				
Total To Carry Forward				

## ENGINE LOG BOOK ENTRY

Reliant Aircraft Service/Danbury, CT 06810  
 N3038N Piper PA-28-181 S/N 2843574  
 Lycoming 0-360-A4M S/N L-39240-36A  
 10-7-04 Tach and Total Time: 57.3

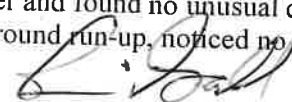
Changed oil and filter. Checked filter and suction screen and found no unusual contamination. Sent oil sample out for analysis. Re-serviced with 8 quarts Aeroshell 15W50. Checked all fuel screens and drained carburetor and found no unusual contamination. Cleaned primer nozzles. Installed MS20823-3D fitting on primer manifold to relieve kink in flexible hose. Installed new RG75906 rocker cover gaskets. Tightened oil dipstick tube. Cleaned, gapped, tested, and rotated spark plugs. Reset magneto timing to 25 BTC both mags. Compression: #1 cyl-77/80, #2 cyl-77/80, #3 cyl-77/80, #4 cyl-77/80. Engine ground run-up checked normal, no leaks noticed. I certify that this engine has been inspected in accordance with an annual inspection and is determined to be in airworthy condition.

 Brian Gall 40584601 IA

## ENGINE LOG BOOK ENTRY

Reliant Aircraft Service/Danbury, CT 06810  
 N3038N Piper PA-28-181 S/N 2843574  
 Lycoming 0-360-A4M S/N L-39240-36A  
 6-29-05 Tach Time: 74.5

Performed 50 hour inspection in accordance with Piper Inspection P/N 761-883 revised 12-15-01. Changed oil and filter. Opened oil filter and found no unusual contamination. Re-serviced with 8 quarts Aeroshell 15W50. Engine ground run-up, noticed no leaks.

 Brian Gall 3027149 A&P

ENGINE LOG BOOK ENTRY

Reliant Aircraft Service/Danbury, CT.06810

N3038N PA28-181 S/N 2843574

Lycoming 0-360-A4M S/N L-39240-36A

11/28/2005 Tach. 77.5 T/T 77.5

Drained hot oil, inspected oil filter and suction screen and noted no unusual contamination, re-serviced with 8qts Aeroshell 15W50 and a new CH48110-1 filter. Hot compression over 80 as follows, 1) 77 2) 77 3) 78 4) 78. Checked magneto to engine timing.

Cleaned/gapped/tested/rotated spark plugs. Adjusted oil pressure adjuster out two turns. SB548A fuel pump N/A by date code (154724902). AD05-19-11 N/A by model and S/N. Engine ran up satisfactorily and no leaks were found. **I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.**

Stephen DiSorbo IA3012110

PROPELLER LOG BOOK ENTRY

Reliant Aircraft Service/Danbury, CT.06810

N3038N PA28-181 S/N 2843574

Sensenich 76E8S14-0-62 S/N 36300K

11/28/2005 Tach. 77.5 T/T 77.5

Dressed/painted blades. AD 05-14-11 N/A, not worked on by Southern Propeller. **I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.**

Stephen DiSorbo IA3012110

ENGINE LOG BOOK ENTRY

Reliant Aircraft Service/Danbury, CT 06810

N3038N Piper PA-28-181 S/N 2843574

Lycoming 0-360-A4M S/N L-39240-36A

12-11-06 Tach and Total Time: 95.4

Changed oil and filter. Checked filter and suction screen and found no unusual contamination. Sent oil sample out for analysis. Re-serviced with 8 quarts Aeroshell 15W50. Checked all fuel screens and carburetor bowl and found no contamination. Checked magneto points and timing. Inspected exhaust and shrouds and found satisfactory. Compression: #1 cyl-79/80, #2 cyl-77/80, #3 cyl-79/80, #4 cyl-78/80. Engine ground run-up checked normal, noticed no leaks. I certify that this engine has been inspected in accordance with an annual inspection and is determined to be in airworthy condition.

Brian Gall 3027149 IA

ENGINE LOG BOOK ENTRY

Reliant Aircraft Service/Danbury, CT 06810

N3038N Piper PA-28-181 S/N 2843574

Lycoming 0-360-A4M S/N L-39240-36A

4-13-07 Tach Time: 99.6

Installed Tanis TAS100-01 engine preheater in accordance with Tanis installation instructions and drawings as included.

Brian Gall 3027149 A&P

## ENGINE LOG

## ENGINE LOG BOOK ENTRY

Reliant Aircraft Service/Danbury, CT 06810  
 Tel: 203-281-8181 FAX: 203-281-8181  
 E-mail: [info@reliantaircraft.com](mailto:info@reliantaircraft.com)

N3038N Piper PA-28-181 S/N 2843574

Lycoming 0-360-A4M S/N L-39240-36A

4-13-07 Tach Time: 99.6

Changed oil and filter. Opened filter and found no unusual contamination. Re-serviced with 8 quarts Aeroshell 15W50. Engine ground run, noticed no leaks.

Changed oil and filter. Opened filter and found no sludge. Added 4 quarts Aeroshell 15W50. Engine ground run, noticed no leaks.

Brian Gall 3027149 A&P

<b>Total To Carry Forward</b>				

7/2/03

652 Oliver Street

Williamsport, PA 17701 U.S.A.

Engine Model No: **O-360-A4M**Engine SN: **L-39240-36A**

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AD NO. / SB	RV RV	Description / Method of Compliance	Next Due	Once	Rec	Code	Sign
2002-12-07 543	A	OIL FILTER CONVERTER PLATE GASKET REPLACEMENT NEW P/N CONVERTER PLATE INSTALLED	N/A	X		2	
59-10-07 254	A	CYLINDER BAFFLE CLAMPS BAFFLE HOOKS INSTALLED	N/A	X		1	(51)
64-16-05 298		AC FUEL PUMP OIL SEAL NEW CONF. FUEL PUMP INSTALLED	N/A	X		1	(52)
66-20-04 307		OIL FILTER ADAPTER GASKET NEW CONF. GASKET INSTALLED	N/A	X		1	(53)
73-23-01 367	F	INSP FOR CRACKS IN PISTON PINS INST NEW PARTS	N/A	X		1	(61)
78-23-10 428		BENDIX FUEL INJ. BULLETIN RS-42 NEW P/N INSTALLED	N/A	X		2	
79-04-05 433	A	BENDIX FUEL INJ. BULLETIN RS-57 NEW P/N INSTALLED	N/A	X		2	
79-10-03 1380	R2	ENGINE MOUNT TORQUE FIELD COMPLIANCE	100 HOURS	X		2	
79-15-02 434		MARVEL-SCHEBLER BULLETIN #1A-79 NEW P/N INSTALLED	N/A	X		2	
80-04-03 446	R2 D	OIL ADDITIVE DRY SUMP DELIVERED	WHEN OIL INST.		X	2	
80-14-07 447	B	INSPECTION OF UPPER EXH. VALVE SPRING SEATS PART W/CURVED P/N INSTALLED	N/A	X		2	
87-10-06 477	R1 A	INSPECTION AND REWORK OF LW-18790 ROCKER ARM ASSY NEW CONFIGURATION P/N INST.	N/A	X		1	(61)
90-04-06 488	R1 A	PROPELLER GOVERNOR LINE SUPPORT NEW LINE W/STEEL CON. NUTS INS	N/A	X		2	
91-14-22 475	C	CRANKSHAFT GEAR MODIFICATION AND ASSY PROCEDURES NEW P/N INSTALLED	N/A	X		1	(61)
92-12-05 501	B	LW-14077 PISTON PIN NEW PARTS INSTALLED	N/A	X		1	(52)
93-11-11 N/A		AC, TEXTRON LYC FUEL PUMP O/H BY AERO ACCESSORIES NEW AC F/P INST. WHEN APPLIC.	N/A	X		1	(53)
94-01-03 N/A	R2	DEFECTIVE IGN COILS AND ROTATING MAGNETS NEW CONFIGURATION PART INST.	N/A	X		1	(54)
94-06-09 517		INCOMPLETE INTERNAL GROUNDING ON MAG CAPACITORS NEW CONF. CAPACITORS INSTALLED	N/A	X		1	(55)
95-07-01 N/A		CONNECTING ROD BOLT FAILURE LYCOMING PART INSTALLED	N/A	X		1	(56)
95-26-02 398		ENGINES OPERATED WITH LOW OCTANE FUEL ENGINE IS NEW OR HAS BEEN REBUILT AT MANUFACTURER	N/A	X		2	

## Codes:

- 1 AD Applicable to Engine
- 2 AD Not Applicable to Engine
- 3 Field Compliance where applicable





A Textron Company

652 Oliver Street

Williamsport, PA 17701 U.S.A.

Engine Model No: **O-360-A4M**

# AIRWORTHINESS DIRECTIVE COMPLIANCE LIST

7/2/03

Engine SN: **L-39240-36A**

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AD NO. / SB	RV RV	Description / Method of Compliance	Next Due	Once	Rec	Code	Sign
96-09-10 524		REPLACEMENT OF OIL PUMP IMPELLERS STEEL IMPELLERS INSTALLED	N/A	X		1	(61)
97-15-11 527	C	RECALL OF PISTON PIN P/N LW-14077 NEW CONFIGURATION P/N INST.	N/A	X		1	(61)
98-02-08 530	A	INSPECTION OF CRANKSHAFT ID FOR CORROSION MAG INSP./APPLY URETHABOND 104	N/A	X		2	
98-17-11 N/A		CRANKSHAFT REPAIRED BY NELSON BALANCING SERVICE MAG/PARTICLE INSP OF C/SHAFT	N/A	X		2	

Codes:

- 1 AD Applicable to Engine
- 2 AD Not Applicable to Engine
- 3 Field Compliance where applicable

