

N 498 HP

1

ENGINE LOG



Piper

N 498 HP

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. All applicable Federal Aviation Administration Directives and Textron Lycoming Service Bulletins have been complied with at time of Manufacture.

MODEL IO-540-K1G5 SERIAL NO. L-26510-48A
DATE 7-15-98 *D. Tompkins*
(AUTHORIZED REPRESENTATIVE)

TEXTRON Lycoming

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

D

AVTECH Executive Flight Center

ENGINE	N#: 498HP	SN: 3246121
DATE 3/18/99	TACH:	AC/TT: 98.9
ENG S/N: L26510-48A	ETT: 98.9	TSO:

1. PERFORMED A 100HR. INSPECTION I/A/W PIPER PA32R-301 SERVICE MANUAL INSPECTION GUIDE.
2. COMPRESSION CHECK @ 80 PSI
#1-78 #2-75 #3-77 #4-77 #5-76 #6-74
3. CHANGED OIL AND FILTER. INSTALLED 12QTS S/A 100W AND CH48110 FILTER.
4. TOOK OIL SAMPLE. SENT TO LAB.
5. C/W AD98-18-12 ROTARY FUEL PUMP. CHECK TORQUE ON SCREWS. ALL OK.
6. C/W AD99-04-04 SLICK MAGNETOS I/A/W AD. DUE AGAIN 250HR.
7. C/W AD98-17-11 CRANKSHAFT REPAIR BY NELSON SERV. N/A BY LOG BOOK RESEARCH.

 END

The Maintenance identified above has been inspected and the item is approved for return to service. Shop Order Number 2186

Date 3/18/99Signed: 

Total T
Carry

Avtech Executive Flight Center FAA CRS# GMNR231S
 1800 Airport Road Kennesaw, GA 30144
 1-770-422-2345

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
4/18/99	Brought Forward →	130.1	130.1	Drained oil and serviced with
4/29/99		134.1	134.1	REMOVED ALTERNATOR P/N ALTERNATOR P/N ES 4011-1LS S/N RAN ENGINE AND CHECKED
6/16/99		158.4	158.4	Installed new oil filter Tightened the 6 bolts on
MWO# 91136	COMPRESSION CHECK #176/80 #276/80 #378/80 #478/80 #576/80 #678/80			
Total To Carry Forward				

and Remarks

10 qts Acroskell 100W. Leakcheck ok

ES 4011-1LS S/N 8050183 & INSTALLED NEW
9021507. TENSIONED BELT, TORQUED & SAFETIED.
ALTERNATOR OUTPUT.

P/N CH48110, torqued + safetied
the bottom of the fuel pump.

DATE 6/16/99 TACH 158.4 W.O.# 91136
Inspected in accordance with a 50 hour inspection.

Serviced with 11 quarts 100W oil

SIGNED Kwang Soo Kim MAP# 412813350

ENGINE LOG

Major	Recorder Reading	Maintenance
	130.1	Drained oil and serviced with
	134.1	REMOVED ALTERNATOR P/N ALTERNATOR P/N ES4011-1LS S/N RAN ENGINE AND CHECKED
4 CK 978/80 078/80	158.4	Installed new oil filter Tightened the 6 bolts on

and Remarks	Signature	Certificate No.
10gts Acrosshell 100w. Leakcheck ok	Danny J Mar	470900886 ACP
ES4011-1LS S/N 8050183 & INSTALLED NEW 9021507. TENSIONED BELT, TORQUED & SAFETIED. ALTERNATOR OUTPUT.	James M. Childers	MOODY AVIA-TION RS# QVPR374D
P/N CH48110, Torqued + safetied the bottom of the fuel pump.		
DATE <u>6/16/99</u> TACH <u>158.4</u> W.O.# <u>91136</u> Inspected in accordance with a 50 hour inspection. Serviced with <u>11</u> quarts <u>100 W</u> oil SIGNED <u>Kwanj Sae Kim M&P# 412813350</u>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
SEPT 2, 1999	Brought Forward →	213.4	213.4	→
W.O. # 203009				
				1. Verified that AD 98-18-12
				2. Verified AD 99-04-04 was
				3. Complied with AD 95-26-13
				TSO C53 a specs.
				4. Installed new induction
				5. Adjusted timing on both
				6. Drained oil and serviced
				filter.
				7. Engine operationally checked
Total To Carry Forward				

COMPRESSION CHECK

#1 74/80 #2 75/80 #3 79/80
#4 74/80 #5 75/80 #6 74/80

and Remarks

Performed a (300 hour) (Annual) inspection in accordance with Piper form, No. Chapter 5 of and the manufacturer's service manual, No. 761-879. The following additional work was performed:

does not apply - no rotary style pump installed previously complied with.

by verifying that all oil cooler hoses meet Next due 1000 hrs TIS or at hose replacement

air filter p/n 460-632.

mags (engine to mag timing)

with 11 qts Aeroshell W100 and new CH4811

Date 9/2/99 Total Time 213.4 I certify

this Engine has been inspected in accordance with a annual inspection, and was determined to be in Airworthy Condition. Details are on file with this Repair Station under W/O No. 203009

SIGNED [Signature] Date 9/2/99

Moody Aviation Repair Station No. DVPR3740

ENGINE LOG

Major	Recorder Reading	Maintenance
4	213.4	→
		1. Verified that AD 98-18-12
		2. Verified AD 99-04-04 was
		3. Complied with AD 95-26-13 TSO C53 a specs.
		4. Installed new induction
		5. Adjusted timing on both
		6. Drained oil and serviced filter.
		7. Engine operationally checked

CHECK
80 #3 79180
80 #6 74180

and Remarks	Signature	Certificate No.
<p>Performed a (100 hour) (Annual) inspection in accordance with Piper form, No. Chapter 5 of and the manufacturer's service manual, No. 761-879. The following additional work was performed:</p> <p>does not apply - no rotary style pump installed previously complied with.</p> <p>by verifying that all oil cooler hoses meet</p> <p>Next due 1000 hrs TIS or at hose replacement.</p> <p>air filter p/n 460-632.</p> <p>mags (engine to mag timing)</p> <p>with 11 qts Aeroshell W100 and new CH48110</p> <p>Date <u>9/2/99</u> Total Time <u>213.4</u> I certify this <u>engine</u> has been inspected in accordance with a <u>annual</u> inspection, and was determined to be in Airworthy Condition. Details are on file with this Repair Station under W/O No. <u>203009</u></p> <p>SIGNED <u>[Signature]</u> Date <u>9/2/99</u></p> <p>Moody Aviation Repair Station No. DVPR3747</p>		

ENGINE LOG

Major	Recorder Reading	Maintenance
	246.3	Drained oil and filled with
		Drained oil, serviced with
		CH 48110 filter. Performed
		Manual. Installed new
		Ground van engine and checked

and Remarks	Signature	Certificate No.
Aeroshell 100W 10qts	<i>Don J. Ma</i>	470900986 AEP
11qts Aeroshell W100 oil and new 50 hour inspection 1AW Piper service magnetic switch for fwd baggage door. for leaks. None noted.	<i>Jonathan P. Pyl</i>	RS DVPR 3740

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
12-14-99	Brought Forward →	322.6	322.6	<p style="text-align: center;">COMPRESSION CHECK</p> <p>#175/80 #278/80 #376/80 #478/80 #578/80 #675/80</p>
W.O. # 20	3035			
				1. Complied with AD 99-04-04 by accordance with MSB 537 on
				2. Complied with AD 93-02-05 by mounting IAW MSB 342B.
				3. Removed, cleaned, and installed
				4. Installed new throttle control
				5. Serviced engine with 11 qts Aerosol w
				engine and checked for leaks
				This engine found to be in
Total To Carry Forward				

and Remarks
<p>Performed a (100 hour)(Annual) inspection in accordance with Piper form, No. <u>SC 5-20-00</u> and the manufacturers service manual, No. <u>761-879</u>. The following additional work was performed:</p> <p>inspection of magneto impulse coupling in CH magneto. <u>NEXT DUE at 572.6</u></p> <p>inspecting fuel injector line routing and <u>NEXT DUE at 422.6</u></p> <p>fuel injector nozzles.</p> <p>rod end.</p> <p>100 oil and new CH 48110 filter. Ground ran out power output.</p> <p>airworthy condition.</p>

ENGINE LOG

Time	Recorder Reading	Maintenance
322.6	322.6	<p>COMPRESSION CHECK</p> <p>#175/80 #278/80 #376/80</p> <p>#478/80 #578/80 #675/80</p>
		<p>1. Complied with AD 99-04-04 by accordance with MSB 537 on</p>
		<p>2. Complied with AD 93-02-05 by mounting IAW MSB 342B.</p>
		<p>3. Removed, cleaned, and installed</p>
		<p>4. Installed new throttle control rod end.</p>
		<p>5. Serviced engine with 11 qts Amsted W 100 oil and checked for leaks</p> <p>engine and checked for leaks</p> <p>This engine found to be in</p>

and Remarks	Signature	Certificate No.
<p>Performed a (300 hours)(Annual) inspection in accordance with Piper form, No. SC 5-20-00 and the manufacturer's service manual, No. <u>161-879</u>. The following additional work was performed:</p>		
<p>inspection of magneto impulse coupling in CH magneto. <u>NEXT DUE at 572.6</u></p>		
<p>inspecting fuel injector line routing and <u>NEXT DUE at 422.6</u></p>		
<p>fuel injector nozzles.</p>		
<p>rod end.</p>		
<p>100 oil and new CH 48110 Filter. Ground run and power output.</p>		
<p>airworthy condition.</p>	<p><i>[Signature]</i></p>	<p>RS DNR 374 D</p>

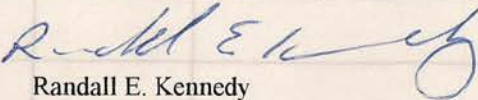
ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
4/13/00 w/o 203057	Brought Forward →	392.9	392.9	COMPRESSION CHECK #171/80 #270/80 #372/80 #470/80 #573/80 #670/80
Total To Carry Forward				

and Remarks

DATE 4/13/00 TACH 392.9 W.O.# 203057
 Inspected in accordance with a 50 hour inspection.
 Serviced with 11 quarts Shell 100W oil
 SIGNED Boyle A&P# 228358743

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
Brought Forward AVERITT AVIATION COOKEVILLE, TN				
26 May, 2000			PA32R-301	
Tach:429.6			N498HP	
W/O #1641				
<p>Complied with a 100 hr. inspection. Drained oil and changed filter. Cut filter for inspection. No metal found. Installed new CH48110 and inspected filter screen. Serviced engine with 12qts of Aeroshell 100 oil. Compression check reads #1-72, #2-77, #3-76, #4-75, #5-74 #6-73. Cleaned, gapped, tested and rotated spark plugs. Checked magneto timing. Washed engine and ground ran for leak and ops check. A.D check thru 5-2000. I certify this engine has been inspected IAW a 100hr inspection and found to be in airworthy condition.</p>				
 Randall E. Kennedy A/P405020643				
Total To Carry Forward				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		



Moody Aviation
Municipal Airport
PO Box 429
Elizabethton TN 37644-0429
Phone: 423-543-3534

FAA Repair Station NO. DVPR374D

Power plant Logbook Record

Registration: N498HP
Model: PA-32R-301
Serial Number: 3246121

Manufacturer: Textron Lycoming
Model: IO-540-K1G5
Serial Number: L-26510-48A
Moody Aviation WO# 13008
Date: August 4, 2000

Airframe Total Time: 487.0 hrs.
Airframe Tach Time: 487.0 hrs.
Engine Total Time: 487.0 hrs.
Engine TSN: 487.0 hrs.

- Performed a 50 hr inspection iaw. Piper PA32R-301 service manual inspection guide. Drained oil, performed internal filter inspection and oil analysis. Installed new champion oil filter p/n CH 48110 and serviced with 12 qts. Aeroshell 100W oil.
- AD93-02-05 Fuel injector line inspection: Inspected fuel injector lines for proper mounting, routing and damage iaw. MSB 342B. Next due 587.0 hrs.
- Installed new Champion spark plug p/n REM 38E.
- Performed engine operational run-up and inspected for leaks.

COMPRESSION CHECK

#1 **75**/80 #2 **72**/80 #3 **75**/80
#4 **70**/80 #5 **75**/80 #6 **76**/80

Michael Peifer

For:

Michael Peifer

Moody Aviation 543-3534
Repair Station No. DVPR374D
Municipal Airport
Elizabethton TN 37642

and Remarks

AVERITT AVIATION

Sparta, TN

27 Oct, 2000
Tach: 547.0
W/O #1751

Complied with an Annual inspection. Drained oil and filter for inspection. No metal found. Installed new C filter screen. Serviced engine with 12qts of Aeroshell check reads #1-70, #2-69, #3-77, #4-79, #5-75, #6-79 tested and rotated spark plugs. Complied with A.D93-by inspection. Due 100 hrs, Complied with A.D 99-04 due at 797.0. Replaced cylinder gaskets on #2, 4, and R/H and L/H mufflers with new. Checked magneto ti ground ran for leak and ops check. I certify this engine an Annual inspection and found to be in airworthy con

Randall E. Kennec

Randall E. Kennec
FAA CRS N9VR0

ENGINE LOG

Major	Recorder Reading	Maintenance
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Power plant Logbook Record

DVPR374D

Registration: N498HP
 Model: PA-32R-301
 Serial Number: 3246121

frame Total Time: 487.0 hrs.
 frame Tach Time: 487.0 hrs.
 engine Total Time: 487.0 hrs.
 engine TSN: 487.0 hrs.

PA-301 service manual inspection guide. Drained oil, performed internal filter
 oil filter p/n CH 48110 and serviced with 12 qts. Aeroshell 100W oil.
 Inspected fuel injector lines for proper mounting, routing and damage in aw. MSB

8E.
 Inspected for leaks.

Moody Aviation 543-3534
 Repair Station No. DVPR374D
 Municipal Airport
 Elizabethton TN 37643


 For:

Michael Peifer

and Remarks	Signature	Certificate No.
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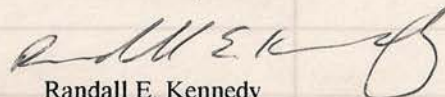
AVERITT AVIATION

Sparta, TN

27 Oct, 2000
 Tach: 547.0
 W/O #1751

PA32R-301
 N498HP

Complied with an Annual inspection. Drained oil and changed filter. Cut
 filter for inspection. No metal found. Installed new CH48110 and inspected
 filter screen. Serviced engine with 12qts of Aeroshell 100 oil. Compression
 check reads #1-70, #2-69, #3-77, #4-79, #5-75, #6-79. Cleaned, gapped,
 tested and rotated spark plugs. Complied with A.D93-02-05 Fuel injector lines
 by inspection. Due 100 hrs, Complied with A.D 99-04-04 Impulse coupling. Next
 due at 797.0. Replaced cylinder gaskets on #2, 4, and 6 cylinders. Replaced both
 R/H and L/H mufflers with new. Checked magneto timing. Washed engine and
 ground ran for leak and ops check. I certify this engine has been inspected IAW
 an Annual inspection and found to be in airworthy condition.




Randall E. Kennedy
 FAA CRS N9VR084I

ENGINE LOG

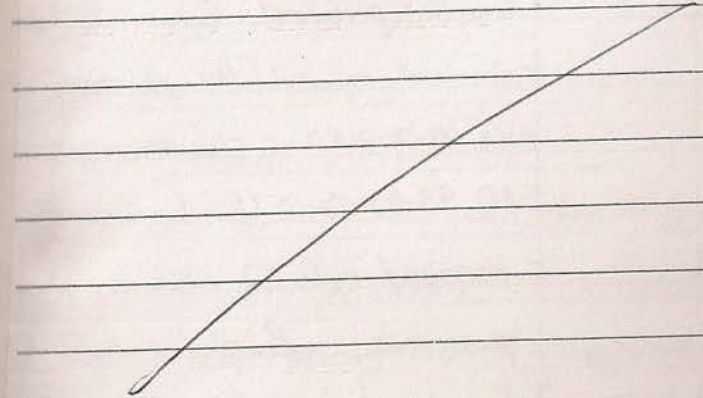
Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
9/11/00		521.6	521.6	Drained oil and serviced
1/24/01		607.5	607.5	Performed 50 hr. Inspection IAW
w/o #	13037	COMPRESSION CHECK #1 76/80 #2 73/80 #3 74/80 #4 74/80 #5 76/80 #6 78/80		Filter, & oil analysis check. Installed AD 93-02-05 Fuel Injector lines - C/W AD 93-02-05 + MSB 340A Next Due
				Installed 11 new spark plugs changed
				Performed post run-up & leak
				Repaired Broken Baffling LH rear oil
Total To Carry Forward				

and Remarks
with 10qts Aerashell 100W
Meady Form MA 1007. Drained oil, inspected
New LH 4210 Filter & serviced w/ 11qts Aerashell 100W
by inspecting fuel lines & support clamps IAW
① Tach 707.5 on 1/02
on p/n REM 38E
checked.
cooler using AN470 AD 3-4 rivets.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
<p style="font-size: small; color: gray;">Brought Forward →</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">AVERITT AVIATION</p> <p style="text-align: center;">Sparta, TN</p> <p>Mar. 08, 2001 PA32R-301 Tach: 650.7 N498HP W/O #1829</p> <p>Complied with an 100 inspection. Drained oil and changed filter. Cut filter for inspection. No metal found. Installed new CH48110 and inspected filter screen. Serviced engine with 12qts of Aeroshell 100 oil. Compression check reads #1-80, #2-78, #3-80, #4-80, #5-80, #6-79. Cleaned, gapped, tested and rotated spark plugs. Retorqed #2 cylinder I.A.W. Lycoming service manual.</p> <p style="text-align: right; margin-top: 20px;">  Robert A. Alcorn FAA CRS N9VR084I </p> </div>				
Total To Carry Forward				

and Remarks



ENGINE LOG

Major	Recorder Reading	Maintenance
	705.8	- Performed 50 hr inspection IAW Moody work performed.
79/80		- Installed new oil filter pk 48110 and
59/80		- SB 99-71-01R2 - c/w by inspecting
		- AD 93-02-05 - c/w by inspecting
		- removed cyl. #2 rockers, pushrod push rods. Reinstalled all parts.
		box gasket pk 67193. GROUND

and Remarks	Signature	Certificate No.
Form # MA1027 R4/98 and the following additional		
safetied.		
contents of removed oil filter.		
fuel lines, mounting, + routing. All were okay.		
tubes, lifters, and pushrods. Inspected		
Torque + safetied. Installed new rocker		
RAN & LEAK CHECKED		

DATE 5-11-01 **TACH** 705.8 **W.O.#** 13065

Inspected in accordance with a 50-hour inspection. Serviced with 12 quarts AEROSHELL 100 oil.

SIGNED Daren Spencer

Moody Aviation Repair Station No. DVPR374D

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
<p>AVERITT AVIATION Sparta, In.</p> <p style="text-align: right;">N498HP PA-32R-301</p> <p>JULY 30, 2001 HOBBS: 752.5 W/O: RF-01-0064</p> <p>Complied with an annual inspection. Compression reads as follows (1)75 (2)74 (3)75 (4)77 (5)75 (6)77. Replaced #2 cylinder seal. All spark plugs cleaned gapped and tested. Oil changed with 12QTS AS100 and replaced filter with CH48110. Complied with AD 93-02-05. Ground ran eng. no leaks noted I certify this ENG/ PROP has been inspected I.A.W. an ANNUAL inspection and was found to be in air worthy condition.</p> <p style="text-align: center;">-----AD LIST-----</p> <p>Compliance Due 93-02-05 Fuel Injector Insp. Annual</p> <p style="text-align: center;"><i>Randy Kennedy</i> RANDY KENNEDY FAA CRS# N9VR084I</p>				
Total To Carry Forward				

PIEDMONT HAWTHORNE AVIATION

and Rem

DATE: 10/08/01 MODEL: PA-32R-301 S/N: 32-3246121 TACH: 7
W/O# H001169

REMOVED STARTER AND REPLACED WITH NEW PN-PM2401 A-W PIPER MAINT. MANUAL. GROUND RAN. OPS CHECK GA DEFECTS NOTED AT THIS TIME.

PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.
APPROVED BY: *[Signature]* INSPECTOR
HAWTHORNE AVIATION, WINSTON-SALEM, N.C. REPAIR STATION 208A.

PIEDMONT HAWTHORNE AVIATION

DATE: 10/08/01 MODEL: PA32R-301 S/N: 3246121 TT: 793.0 HM: 793.0
Removed PN: PM2401 SN: 850443910 and installed PN: PM2401 SN: 85043908
Removed and installed new points on LH mag. Reset internal timing in accordance with PIPER MAINT. MANUAL. No defects noted.
PERTINENT DETAILS ARE ON FILE AT THIS AGENCY. SIGNED: *[Signature]*
AVIATION SERVICES, INC. WINSTON-SALEM, N.C. REPAIR STATION NO. 208A

ENGINE LOG

Recorder Reading	Maintenance

AVERITT AVIATION
Sparta, Tn.

N498HP
PA-32R-301

Annual inspection. Compression reads as follows (1)75 (2)74
77. Replaced #2 cylinder seal. All spark plugs cleaned gapped
ed with 12QTS AS100 and replaced filter with CH48110.
93-02-05. Ground ran eng, no leaks noted I certify this ENG/ PROP
A.W. an ANNUAL inspection and was found to be in air

AD LIST

Due
Annual

Randy Kennedy
RANDY KENNEDY
FAA CRS# N9VR084I

and Rem

PIEDMONT HAWTHORNE
AVIATION

Certificate No.

DATE:10/08/01 MODEL:PA-32R-301 S/N:32-3246121 TACH:792 N#:N498HP
W/O# H001169

REMOVED STARTER AND REPLACED WITH NEW PN-PM2401 SN:850443910 I-
A-W PIPER MAINT. MANUAL. GROUND RAN. OPS CHECK GOOD. NO
DEFECTS NOTED AT THIS TIME.

PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.
APPROVED BY: *[Signature]* INSPECTOR FOR PIEDMONT
HAWTHORNE AVIATION, WINSTON-SALEM, N.C. REPAIR STATION # PAIR
208A.



DATE:10/08/01 MODEL:PA32R-301 S/N:3246121 TT:793.0 HM:793.0 N#498HP WO#S001523

Removed PN:PM2401 SN:850443910 and installed PN:PM2401 SN:85043908. - STARTED
Removed and installed new points on LH mag. Reset internal timing in accordance with Slick Maintenance Manual. Ran
aircraft and leak checked mag. No defects noted.

PERTINENT DETAILS ARE ON FILE AT THIS AGENCY. SIGNED: *[Signature]*
AVIATION SERVICES, INC. WINSTON-SALEM, N.C. REPAIR STATION NO. PAIR 208A.

PIEDMONT

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
11/7/01 wo# 23027	Brought Forward →		<u>Hobbs</u> 803.7	- Inspected IAW 1 50 Hr. Insp. additional work was performed: - Installed new oil filter, Champion metal & reinstalled using new - AD 99-04-04 Impulse coupling 537 + Slick SB 1-98. AD Next - AD 93-02-05 Fuel injector line Next Due 903.7. - Retimed RH mag to engine.
COMPRESSION CHECK #1 76/80 #2 75/80 #3 76/80 #4 78/80 #5 73/80 #6 78/80				
Total To Carry Forward				

and Remarks

Used Moody Form MA1027. The following

r/w CH 48110. Inspected suction screen for AN 900-16 gasket. Serviced w/ 1 lts. Aeroshell 100w. inspection. Complied w/ IAW Lgc. SB Due Hobbs: 1053.7.
 insp. Complied w/ IAW Lgc. SB 3420.

(20° BTC)

Harold Martin

Moody Aviation 543-3
 Repair Station No. DVPR37
 Municipal Airport
 Elizabethton, TN 37649

ENGINE LOG

Engine Major	Recorder Reading	Maintenance
	Hobbs 803.7	<ul style="list-style-type: none"> - Inspected IAW 1 50 Hr. Insp. additional work was performed: - Installed new oil filter, Champion metal & reinstalled using new - AD 99-04-04 Impulse coupling 537 + Slick SB 1-98. AD Next - AD 93-02-05 Fuel injector line Next Due 903.7. - Retimed RH mag to engine.

and Remarks	Signature	Certificate No.
<p>Used Moody Form MA1027. To Following</p> <p>o/n C448110. Inspected suction screen for AN 900-16 gasket. Serviced w/11 lbs. Ansell 100w. inspection. Complied w/IAW Lgc. SB</p> <p>Due Hobbs: 1053.7.</p> <p>insp. Complied w/IAW Lgc. SB 3420.</p> <p>(20° BTc)</p> <p><i>Harold Math</i></p> <p>Moody Aviation 543-3534 Repair Station No. DVPR374D Municipal Airport Elizabethton, TN 37642</p>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
<p>Averitt Aviation Sparta, Tn.</p>				
JAN 08, 2002			PA-32K N498HP	
Hobbs: 851.4				
W.O. #RF-0201				
<p>Complied with an Annual Inspection. Changed Oil and Filter. Inspected Suction Screen. Cut old Filter no defects noted. Serviced Acft. Engine with 12 qts A S 100W Installed new Oil Filter P/N CH48110. Cleaned, gapped, tested, and rotated Spark Plugs. Replaced 2ea Spark Plugs. P/N REM 38E. Compression Test reads as follows #1-75, #2-76, #3-75, #4-76, #5-74, #6-77. Checked Magneto's timing I.A.W. Manufactures Service Manual. Washed Acft. Engine and ground ran for leak and ops. ck. no defects noted. All A.D. complete through approach # 2001-2o. I certify this Engine. Prop has been Inspected I.A.W. a Annual Inspection and found to be in an Air worthy condition.</p>				
<p><i>Glyn Roe</i> Glyn Roe FAA CRS# N9VR081</p>				
Total T				
Carry I				

and Remarks



Moody Aviation
Municipal Airport
PO Box 429
Elizabethton TN 37644-0429
Phone: 423-543-3534

FAA Repair Station NO. DVPR374D

Powerplant Logbook

Registration: N498HP
Model: PA-32
Serial Number: 32461

Performed a(n) 50 HOUR inspection with reference to Moody for
and the manufacturer's service manual, No. 761 879 The

Drained oil, changed oil filter p/n CH48110 torqued and saftied. Removed and inspected suction
Serviced engine with 11 quarts of Aeroshell 15w50 oil.

Date 03/04/02 Total Time 907.7
this powerplant has been inspected i
with a 50 Hour inspection. Details c
Repair Station under Work Order No. 23050

SIGNED *[Signature]*
Moody Aviation Repair Station No. DVPR374D

ENGINE LOG

Time	Recorder Reading	Maintenance
Since Major		

Iveritt Aviation

Sparta, TN

PA-32R
N498HP

Inspection. Changed Oil and Filter. Inspected Suction Screen. Cut old Filter
 out. Engine with 12 qts A S 100W installed new Oil Filter P/N CH48110.
 Rotated Spark Plugs. Replaced 2ea Spark Plugs. P/N REM 38E.
 Cyls #1-75, #2-76, #3-75, #4-76, #5-74, #6-77. Checked Magneto's timing
 Manual. Washed A/cft. Engine and ground ran for leak and ops. ck. no
 leaks. Inspected through approach # 2001-26. I certify this Engine Prop has been
 inspected and found to be in an Air worthy condition.



Glyn Roe
 FAA CRS# N9VR081

and Remarks

Signature

Certificate No.



Moody Aviation
 Municipal Airport
 PO Box 429
 Elizabethton TN 37644-0429
 Phone: 423-543-3534

FAA Repair Station NO. DVPR374D

Powerplant Logbook Record

Registration: N498HP

Date: 3/4/02

Model: PA-32R

Tach Time: 907.7

Serial Number: 3246121

SMOH: 907.7

Total Time: 907.7

Work Order No: 23050

Performed a(n) 50 HOUR inspection with reference to Moody form, No. MA1027 R 4/98
 and the manufacturer's service manual, No. 761 879 The following additional work was performed:

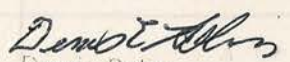
Drained oil, changed oil filter p/n CH48110 torqued and saftied. Removed and inspected suction screen reinstalled with new gasket and saftied.
 Serviced engine with 11 quarts of Aeroshell 15w50 oil.


Date 03/04/02 Total Time 907.7 I certify
 this powerplant has been inspected in accordance
 with a 50 Hour inspection. Details on file with this
 Repair Station under Work Order No. 23050

SIGNED  Date 03/04/02

Moody Aviation Repair Station No. DVPR374D

ENGINE LOG

Date	Engine Time	Aircraft	Maintenance
18 April 2002		Averitt Aviation Sparta, Tn.	
Hobbs: 957.4			PA-32R N498HP
W.O. #RF-02-0085			
<p>Complied with an Annual Inspection. Changed Oil and Filter. Inspected Suction Screen. Cut old Filter no defects noted. Complied with 1000 hr destudge of propeller. Complied with 1000 hr flush of oil coolers. Serviced Acft. Engine with 12 qts A/S 100W Installed new Oil Filter P/N CH48110. Cleaned, gapped, tested, and rotated Spark Plugs. Compression Test reads as follows #1-75, #2-73, #3-70 #4-72, #5-71, #6-75. Checked Magneto's timing I.A.W. Manufactures Service Manual. Washed Acft Engine and ground ran for leak and ops. ck. no defects noted. All A.D. complete through approach # 2002-07. I certify this Engine/ Prop has been Inspected I.A.W. a Annual Inspection and found to be in an Air worthy condition.</p>			
 Dennis Bolin FAA CRS# N9VR081			
Total to Carry Forward			

Date and Remarks	Location
	Bachman Airworks 150 Airport Rd. Elizabethton, TN 37643
Date: 8-9-02, Hobbs 1010.1 Completed 50 hour inspection per form. -Drained oil, took sample for CTC Lab. -Opened filter and inspected. -Serviced with 12 quarts of Aeroshell 110W oil. -Installed new CH48110 filter and safetied. -Installed new Dawley muffler p/n 26345-08, WO# 76867 -Installed new engine air filter p/n 638873.	
 Neal Bachman A&P 164464843	

ENGINE LOG

Averitt Aviation

Sparta, Tn.

PA-32R
N498HP

changed Oil and Filter. Inspected Suction Screen. Cut old Filter
r desludge of propeller. Complied with 1000 hr flush of oil
ts A S 100W Installed new Oil Filter P/N CH48110. Cleaned,
Compression Test reads as follows #1-75, #2-73, #3-70
timing L.A.W. Manufactures Service Manual. Washed A/cft
ck no defects noted. All A.D. complete through approach #
been Inspected L.A.W. a Annual Inspection and found to be in

Dennis Bolin
Dennis Bolin
FAA CRS# N9VR081

Bachman Airworks

150 Airport Rd. Elizabethton, TN 37643

Date: 8-9-02, Hobbs 1010.1

Completed 50 hour inspection per form.

-Drained oil, took sample for CTC Lab.

-Opened filter and inspected.

-Serviced with 12 quarts of Aeroshell 110W oil.

-Installed new CH48110 filter and safetied.

-Installed new Dawley muffler p/n 26345-08, WO# 76867

-Installed new engine air filter p/n 638873.

Neal Bachman

Neal Bachman A&P 164464843

Signature

Certificate No.

SERVICEABLE

Pertinent details of the exhaust system component repairs are on file at this repair station under:

Name *Bachman Airworks*

Work Order No. *76850*

Date *8/8/02*

Inspected by *David St John*

Dawley Aviation

140 Industrial Dr.
Burlington, WI 53105

1-800-338-5420

FAA CRS No. NJ5R069N

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
10-1-02	Hebbs- ^{1079.4}			Completed 50hr. inspection. Drained oil, removed filter and inspected. Installed new filter p/w CH48 110 and serviced with 12 qts Aeroshell 100W oil. Cleaned and gapped spark plugs. Muf Jph A+P 164464843
10-30-02	Hebbs-1083.0			Complied with Lyc AD2002-20-51 by completing work required by Lyc SB 554 and the replacement of belt p/w STD 2209 on crankshaft gear. Ground Test completed OK. Muf Jph
Total To Carry Forward				

A+P 164464843

Date	Remarks
1-8-03	Drained oil, removed oil filter
Hebbs-1131.3	installed new filter p/w serviced. Serviced with 15 W50 oil. Ground Muf Jph A+P

ENGINE LOG

Major	Recorder Reading	Maintenance
		led 50hr. inspection. Drained oil, re- l filter and inspected. Installed new p/N CH48 110 and serviced with Aeroshell 100W oil. Cleaned and ed spark plugs. Maul Jph AHP 164464843
		D with Lyc AD2002-20-51 by work required by Lyc SB 554 and the top belt p/N STD 2209 on crankshaft gear. Test completed OK. Maul Jph AHP 164464843

and Remarks	Signature	Certificate No.
1-8-03 Hobbs-1131.3	Drained oil, removed oil filter, inspected interior, installed new filter p/N CH48 110, torqued and sealed. Serviced with 12 qts of Aeroshell 15 W50 oil. Grand Test - leg check OK. Maul Jph AHP 164464843	

RELEASE CERTIFICATE
 FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

Address: Quality Aircraft Accessories Inc. (QYIR334Y) Phone: 1-877-833-6948
 5746 E. Apache, Bldg. A 918-835-6948
 Tulsa, OK 74115 Fax: 918-835-2804

3. Form Tracking Number:
 QAA# **16864**
 5. Work Order/ Invoice Number:
 INV # **16847**

6. Item	7. Description	8. Part/Number	9. Eligibility*	10. Qty	11. Serial/Batch Number	12. Status/Work
1	Slick Magneto	6351	(VARIOUS)	1	98041395	Repair
13. Remarks: SBI-98 500hr. Impulse Inspection (AD# 99-04-04) See Attached Work Order Summary for details. (2) pages (MECH: <i>ML</i>) 14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13 19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the item(s) is (are) approved for return to service. 15. Authorized Signature: <i>[Signature]</i> 16. Approval/Authorization No.: 20. Authorized Signatory: <i>Susan Jimshar</i> 21. Approval/Certificate No.: QYIR334Y 17. Name (Typed or Printed): <i>Susan Jimshar</i> 18. Date (m/d/y): 5/2/03 23. Date (m/d/y): *Installer must cross check eligibility with applicable technical data.						

FAA Form 8130-3 (6-02)

14. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in condition for safe operation.

Total To Carry Forward

Maintenance

and Remarks

Bachman Airworks
 150 Airport Rd. Elizabethton, TN 37644
 Date: 5-06-03, Tach. and Total time: 1181.5 N498HP
 ---Continued from previous page.---

- Lubricated prop with Shell 6 grease.
- Complied with AD 99-04-04 by inspection and repair to left magn Accessories W/O# 16864 and reinstalled.
- Complied with AD 2002-26-01 by inspection and the replacement #6 cylinder.

-All AD's are in compliance to date.
 I certify that this engine and propeller have been inspected in accordance with AD's and were determined to be in airworthy condition.

Neal A. Bachman, ID# 64464843
[Signature]

RELEASE CERTIFICATE
AIRWORTHINESS APPROVAL TAG

QYIR334Y) Phone: 1-877-833-6948
918-835-6948
Fax: 918-835-2804

3. Form Tracking Number:

QAA# 16864

5. Work Order/ Invoice Number:

INV # 16847

aintenance

9. Eligibility* 10. Qty 11. Serial/ Batch Number 12. Status/Work

(VARIOUS) 1 98041395 Repair

Inspection (AD# 99-04-04)

(MECH: ML)

19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the item(s) is (are) approved for return to service.

20. Authorized Signature: *Susan Jemshar* 21. Approval/Certificate No.: QYIR334Y

22. Name (Typed or Printed): *Susan Jemshar* 23. Date (m/d/yy): 5/2/03

*Installer must cross check eligibility with applicable technical data.

ified above were manufactured in conformity to:

a and are in condition for safe operation.

and Remarks

Signature

Certificate No.

Bachman Airworks

150 Airport Rd. Elizabethton, TN 37643

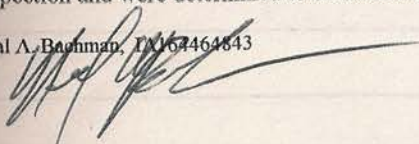
Date: 5-06-03, Tach. and Total time: 1181.5 N498HP

---Continued from previous page.---

- Lubricated prop with Shell 6 grease.
- Complied with AD 99-04-04 by inspection and repair to left magneto by Quality A/C Accessories W/O# 16864 and reinstalled.
- Complied with AD 2002-26-01 by inspection and the replacement of Adel clamp above #6 cylinder.

-All AD's are in compliance to date.
I certify that this engine and propeller have been inspected in accordance with an annual inspection and were determined to be in airworthy condition.

Neal A. Bachman, TX167464843



ENGINE LOG

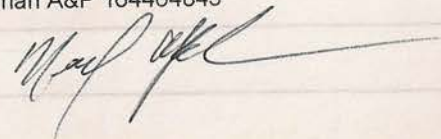
Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
Date 8-11-03 Tech 12.30.7				Drained oil, inspected filter interior, Installed new air filter p/n CH 48110, Serviced with 12 qts Aeroshell 15W50 oil, Cleaned and gapped spark plugs. Installed 2 new spark plugs p/n REM38E. <i>Neal Bachman A&P 164464843</i>
Date 10-31-03 Hobbs 1782.3				Drain oil, inspected air filter interior, Installed new filter p/n CH 48110, serviced with 11 qts Aeroshell 15W50, Cleaned + gapped spark plugs. Compression: 1-75/80 2-72/80 3-75/80 4-78/80 5-75/80 <i>Neal Bachman A&P 164464843</i>
Total To Carry Forward		6-75/80		Installed new air filter p/n 638873. Next due hobbs 1782.3 <i>Neal Bachman A&P 164464843</i>

and Remarks

Bachman Airworks
150 Airport Rd, Elizabethton, TN 37643
N498HP, engine s/n L-26510-48A
February 9, 2004 Hobbs 1333.0

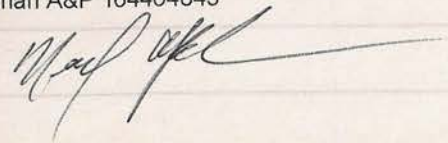
- Performed a fifty-hour inspection IAW form.
- Compression check: 1-75/80, 2-76/80, 3-76/80, 4-75/80, 5-74/80
- Drained oil, removed filter, inspected the interior.
- Installed new CH48108-1 filter and safetyed.
- Serviced with 12 Quarts Aeroshell oil 15W50.
- Completed ground test run. No leaks.

Neal Bachman A&P 164464843



ENGINE LOG

Major	Recorder Reading	Maintenance
		oil, inspected filter interior, Installed filter #NCH 48110, Serviced with Aeroshell 15W50 oil, Cleaned and spark plugs. Installed 2 new plugs #N REM38E.
		Call A&P 164464843
		inspected oil filter interior, Installed new filter #N serviced with 11 qts Aeroshell 15W50, Cleaned + greased compressor: 1-75/80 2-72/80 3-75/80 4-78/80 5-75/80 6-75/80. Installed new air filter #N 638873.
		bb's 1782.3. Neal Bachman A&P 164464843

and Remarks	Signature	Certificate No.
<p>Bachman Airworks 150 Airport Rd, Elizabethton, TN 37643 N498HP, engine s/n L-26510-48A February 9, 2004 Hobbs 1333.0</p> <ul style="list-style-type: none"> -Performed a fifty-hour inspection IAW form. -Compression check: 1-75/80, 2-76/80, 3-76/80, 4-75/80, 5-74/80, 6-77/80 -Drained oil, removed filter, inspected the interior. -Installed new CH48108-1 filter and safetyed. -Serviced with 12 Quarts Aeroshell oil 15W50. -Completed ground test run. No leaks. <p>Neal Bachman A&P 164464843</p> 		

ENGINE LOG

	Engine Time	Recorder		
Date: 6/29/04	Lycoming IO-540-K1G5	L-26510-48A	HM: 1353.6	TTENG: 1353.6
Hartzell	HC-13YR-1RF	HK328A	HM: 1353.6	TTPROP: 1353.6
<p>Performed an annual inspection in accordance with the manufactures maintenance manual and Tri-City Aviation, Inc. 100hr/Annual inspection checklist.</p> <ul style="list-style-type: none"> • Compression tests as follows: #1 70/80, #2 73/80, #3 73/80, #4 73/80, #5 68/80, #6 75/80. • Changed oil and filter. Serviced with 12 quarts Aeroshell 15W50 and CH48110-1 filter. Oil sample taken. • Removed and replaced #2 fuel injector nozzle p/n: LW-18265. • Dressed nicks from propeller blades. • Removed and replaced left muffler flex joint hardware. • Removed and replaced all rocker box cover gaskets. Installed Real Red p/n: RG-67193 gaskets. • Removed and replaced all oil return hoses p/n: AELSTD2180. • Fabricated and installed repair bracket for left forward baffle. • C/W AD 02-26-01 Fuel Injection Lines; by visual inspection per MSB 342D. Next due: 1453.6 HM. • C/W AD 04-05-24 Crankshaft gear retaining bolt; by installation of lycoming gear bolt kit # 05K19987. • AD 04-10-14 Crankshaft gear & gear bolt; Not due at this time. Due at next Prop strike or sudden stoppage. • AD 02-09-08 Prop blade shank rework; Blades are in compliance with the one time inspection and rework per blade serial numbers. <p>AD's complied with thru BW2004-12. For further details see work order # 21113 on file at Tri-City Aviation, Inc. I certify that this engine/propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.-----end-----</p>				
<div style="font-family: cursive; font-size: 1.2em; margin-bottom: 5px;">Ben C. Srock</div> Benjamin C. Srock IA230195329				

or 10/1 Tach:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> 1. Approving National Aviation Authority/Country: FAA/UNITED STATES </td> <td style="width: 50%; padding: 5px;"> 2. AUTHORIZED RELEASE FAA FORM 8130-3, AIRWORTHINESS </td> </tr> <tr> <td colspan="2" style="padding: 5px;"> 4. Organization Name and Address TEXTRON LYCOMING 652 OLIVER STREET WILLIAMSPORT, PA 17701 </td> </tr> <tr> <td style="width: 10%; padding: 5px;"> 6. Item 0032 </td> <td style="width: 60%; padding: 5px;"> 7. Description FUEL PUMP-DUAL DIAP,HIGH PR. </td> <td style="width: 30%; padding: 5px;"> 8. Part Number LW-15473 </td> </tr> <tr> <td colspan="3" style="padding: 5px;"> 13. Remarks AIRWORTHINESS APPROVAL PARTS-THIS FORM TRIAD AVIATION United States Eligibility Block 9 indicates only one of many approved models: Name </td> </tr> <tr> <td colspan="3" style="padding: 5px;"> 14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13. </td> </tr> <tr> <td colspan="2" style="padding: 5px;"> 15. Authorized Signature </td> <td style="padding: 5px;"> 16. Approval/Authorization No. DMIR844023NE </td> </tr> <tr> <td colspan="2" style="padding: 5px;"> 17. Name (Typed or Printed): F. H. HILL JR </td> <td style="padding: 5px;"> 18. Date(m/d/y): 01/03/04 </td> </tr> <tr> <td colspan="3" style="padding: 5px; text-align: right;"> User/Installer F </td> </tr> <tr> <td colspan="3" style="padding: 5px;"> It is important to understand that the existence of this document alone does not certify the part/component/assembly. Where the user/installer performs work in accordance with the national airworthiness authority of the country specified in Block 1, it is the airworthiness authority that accepts parts/components/assemblies from the user/installer. Statements in Blocks 14 and 19 do not constitute installation certification. An installation certification issued in accordance with the national rule. </td> </tr> </table>	1. Approving National Aviation Authority/Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE FAA FORM 8130-3, AIRWORTHINESS	4. Organization Name and Address TEXTRON LYCOMING 652 OLIVER STREET WILLIAMSPORT, PA 17701		6. Item 0032	7. Description FUEL PUMP-DUAL DIAP,HIGH PR.	8. Part Number LW-15473	13. Remarks AIRWORTHINESS APPROVAL PARTS-THIS FORM TRIAD AVIATION United States Eligibility Block 9 indicates only one of many approved models: Name			14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			15. Authorized Signature 		16. Approval/Authorization No. DMIR844023NE	17. Name (Typed or Printed): F. H. HILL JR		18. Date(m/d/y): 01/03/04	User/Installer F			It is important to understand that the existence of this document alone does not certify the part/component/assembly. Where the user/installer performs work in accordance with the national airworthiness authority of the country specified in Block 1, it is the airworthiness authority that accepts parts/components/assemblies from the user/installer. Statements in Blocks 14 and 19 do not constitute installation certification. An installation certification issued in accordance with the national rule.		
1. Approving National Aviation Authority/Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE FAA FORM 8130-3, AIRWORTHINESS																									
4. Organization Name and Address TEXTRON LYCOMING 652 OLIVER STREET WILLIAMSPORT, PA 17701																										
6. Item 0032	7. Description FUEL PUMP-DUAL DIAP,HIGH PR.	8. Part Number LW-15473																								
13. Remarks AIRWORTHINESS APPROVAL PARTS-THIS FORM TRIAD AVIATION United States Eligibility Block 9 indicates only one of many approved models: Name																										
14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.																										
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17. Name (Typed or Printed): F. H. HILL JR		18. Date(m/d/y): 01/03/04																								
User/Installer F																										
It is important to understand that the existence of this document alone does not certify the part/component/assembly. Where the user/installer performs work in accordance with the national airworthiness authority of the country specified in Block 1, it is the airworthiness authority that accepts parts/components/assemblies from the user/installer. Statements in Blocks 14 and 19 do not constitute installation certification. An installation certification issued in accordance with the national rule.																										

ENGINE LOG

Recorder

K1G5 L-26510-48A HM: 1353.6 TTENG: 1353.6
 HK328A HM: 1353.6 TTPROP: 1353.6

with the manufactures maintenance manual and Tri-City Aviation, Inc.

0, #2 73/80, #3 73/80, #4 73/80, #5 68/80, #6 75/80.

2 quarts Aeroshell 15W50 and CH48110-1 filter. Oil sample taken.
 nozzle p/n: LW-18265.

joint hardware.

over gaskets. Installed Real Red p/n: RG-67193 gaskets.

ses p/n: AELSTD2180.

for left forward baffle.

by visual inspection per MSB 342D. Next due: 1453.6 HM.

ning bolt; by installation of lycoming gear bolt kit # 05K19987.

lt; Not due at this time. Due at next Prop strike or sudden stoppage.

Blades are in compliance with the one time inspection and rework per

etails see work order # 21113 on file at Tri-City Aviation, Inc. I certify
 accordance with an annual inspection and was determined to be in
 -end-----

B. C. Srok
 Benjamin C. Srok
 IA230195329

10/1
 Tach:

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number MS- 225802	
4. Organization Name and Address TEXTRON LYCOMING 852 OLIVER STREET WILLIAMSPORT, PA 17701					5. Work Order, Contract or Invoice Number: 51984/157582		
6. Item	7. Description	8. Part Number	9. Eligibility*	10. Qty	11. Serial/Batch No.	12. Status/ Work	
0032	FUEL PUMP-DUAL DIAP.HIGH PR.	LW-15473	IO-320-D1B	00005	WO#51984	NEW	
			See Remarks				
13. Remarks AIRWORTHINESS APPROVAL PARTS-THESE FORM IS NOT AN EXPORT APPROVAL TRIAD AVIATION United States Eligibility Block 9 indicates only one of many approved models. Numerous other models may be eligible for the same part.							
14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. 14CFR 43.9 Return to Service Other regulation in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, Part 43, in respect to that work, the items are approved for return to service			
15. Authorized Signature <i>F. H. Hill JR</i>		16. Approval/Authorization No. DMIRB44023NE		20. Authorized Signature		21. Approver/Car# Number:	
17. Name (Typed or Printed): F. H. HILL JR		18. Date(m/d/y): 01/03/04		22. Name (Typed or Printed):		23. Date(m/d/y):	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

227 1258

H&H & TRIAD AVI

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
10/13/04	Hobbs 1403.7			Completed 50 hr. inspection as per inspection 50hr form. -Drained oil, took sample, open filter cond inspected. -Installed new oil filter P/N CH4B110-1 and serviced. -Serviced with 12 qts of Aeroshell 15W50 oil. -Installed new right landing light P/N GE 4594, ops checked good. -Installed new induction Air filter P/N 460-632. -Installed new ELT Antenna P/N 763-063. -Tightened all oil sump nuts.
Total To Carry Forward				J. DeSahis ATP 552955220

1: N498HP

Performed annual/100

-Compress

-Drained o

-Installed r

-Serviced v

-Dressed p

-CW AD99

Reinstalled

-CW AD20

-AD's rese

I certify the

determined

Neal Bach

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED REPRESENTATIVE FAA FORM 8130-3, AIRW	
4. Organization Name and Address: Quality Aircraft Accessories Inc. (QYIR3) 5746 E. Apache, Bldg. A Tulsa, OK 74115			
6. Item	7. Description	8. Part/Number	
	Magneto	6351	
13. Remarks: SB2-80C 500 hr. SB1-98 500 hr. 2 (AD)			
See Attached Work Order Summary for details. (2) pages			
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13			
15. Authorized Signature:		16. Approval/Authorization No.:	
17. Name (Typed or Printed):		18. Date (m/d/y):	

FAA Form 8130-3 (9-03)

ENGINE LOG

Time	Recorder Reading	Maintenance
Since Major		
		Completed 50 hr. inspection as per inspection 50hr form.
		Drained oil, took sample, open filter and inspected.
		Installed new oil filter P/N CH48110-1 and safetyed.
		Serviced with 12 qts of Aeroshell 15W50 oil.
		Installed new right landing light P/N GE 4594, ops checked good.
		Installed new induction Air filter P/N 460-632.
		Installed new ELT Antenna P/N 763-003.
		Tightened all oil sump nuts.
		<p><i>Jan DeSahis</i> A+P 552955220</p>

Bachman Airworks

150 Airport Rd, Elizabethton, TN 37643

N498HP, engine s/n L-26510-48A June 16, 2005 Hobbs 1462.9
 Performed an annual inspection and the following items in accordance with an annual/100hr inspection form and the manufacturer's service manuals:

-Compression check: 1-72/80, 2-72/80, 3-74/80, 4-76/80, 5-72/80, 6-75/80

-Drained oil, removed filter, inspected the interior.

-Installed new CH48110-1 filter and safetyed.

-Serviced with 9 Quarts Aeroshell oil 15W50.

-Dressed prop of nicks.

-CW AD99-04-04 on left magneto per Quality Aircraft Accessories WOV27704.

Reinstalled and timed to engine.

-CW AD2002-26-01 by visual inspection per AD. Next due Hobbs 1562.9

-AD's researched and found to be in compliance.

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

Neal Bachman IA 164464843



Certificate

ENGINE LOG

Major	Recorder Reading	Maintenance
		Completed 50 hr. inspection as per inspection 50hr form.
		changed oil, took sample, open filter and inspected
		installed new oil filter P/N CH4B110-1 and serviced.
		filled with 12 qts of Aeroshell 15W50 oil.
		installed new right landing light P/N GE 4594, ops checked good
		installed new induction Air Filter P/N 460-632.
		installed new ELT Antenna P/N 763-003.
		tightened all oil sump nuts.
		Done by Ed Sahas A+P 552955220

Bachman Airworks

N498HF
 Performed
 annual/10
 -Compress
 -Drained o
 -Installed r
 -Serviced v
 -Dressed p
 -CW AD99-
 Reinstalled
 -CW AD200
 -AD's resear
 I certify that
 determined t
 Neal Bachm

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: QAA# 27704	
4. Organization Name and Address: Quality Aircraft Accessories Inc. (QYIR334Y) Phone: 1-877-833-6948 5746 E. Apache, Bldg. A 918-835-6948 Tulsa, OK 74115 Fax: 918-835-2804				5. Work Order/Invoice Number: INV # 32886			
6. Item	7. Description	8. Part/Number	9. Eligibility*	10. Qty	11. Serial/Batch Number	12. Status/Work	
	Magneto	6351	(VARIOUS)	1	98041395	Repair	
13. Remarks: SB2-80C 500 hr. inspection SB1-98 500 hr. impulse inspection (AD 99-04-04) (MECH: KW)							
See Attached Work Order Summary for details. 2 pages							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the item(s) is (are) approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: Justin R. Hicks		21. Approval/Certificate No.: QYIR334Y	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): Justin R. Hicks		23. Date (m/d/y): 6/06/05	

ENGINE LOG

GARDNER AVIATION SPECIALIST, INC. 500 AVIATION WAY B-5 PEACHTREE CITY, GA 30269 G3SR222J
 LOG ID# 2303 26-August-2005 WO# 20634/8 REF# 20634 HOBBS 1478.2
 N498HP S/N 3246121 PIPER PA-32R-301

Pg 1/1

Removed cowling for plugs. Removed and installed new spark plugs (12)REM38E checked gap and applied anti seze. All work done IAW PIPER MM.

[Signature]
 08-26-05
 KARL H. GARDNER G3SR222J Date

Engine log entry N498HP Tach-1531.0 completed oil and filter change this date
 Opened filter and inspected for contaminants none found re-serviced with 12qts
 Aeroshell 15/50 oil and new 48110 filter ran engine for ops and leak check both
 Good at this time. A/C TT = 1531.0
 Bengamin D. Baker A&P417068852
 Sign: *[Signature]* Date 10 Oct 05

Total To Carry Forward



and Remarks

10/21/05 Engine Log Book Entry N498HP Tach 1539.7
 Removed cowling, removed Lamar starter and replaced with
 Removed battery, serviced battery, charged and reinstalled. R
 check performance. All functions normal. This engine has been

[Signature]
 William H. Curtis
 AP426584444IA

N498HP 2 Nov 05 tach-1546.6 Removed defective oil
 replaced with new valve 53E19600. Test run and ops check C
 Benjamin D. Baker AP 417068852 A/C TT = 1546.6

[Signature]

N498HP 8 Nov 05 Tach- 1546.6 Performed cylinder c
 and time,, #1 65/80 #2 76/80 #3 75/80 #4 77/80 #5 74/80
 spark plugs and checked mag timing..All OK..

Benjamin D. Baker AP 417068852 A/C TT = 1546.

[Signature]

ENGINE LOG

STATION WAY B-5 PEACHTREE CITY, GA 30269 G3SR222J
 EF# 20634 HOBBS 1478.2

Pg 1/1

Called new spark plugs (12)REM38E checked gap and applied

6-05

31.0 completed oil and filter change this date
 contaminants none found re-serviced with 12qts
 filter ran engine for ops and leak check both

31.0

2

Date 10 Oct 05

and Remarks

Signature

Certificate No.

10/21/05 Engine Log Book Entry N498HP Tach 1539.7

Removed cowling, removed Lamar starter and replaced with new Lamar starter P/N PM2401.
 Removed battery, serviced battery, charged and reinstalled. Reinstalled cowling. Started engine to
 check performance, All functions normal. This engine has been returned to service.

William H. Curtis

William H. Curtis

AP426584444IA

N498HP 2 Nov 05 tach-1546.6 Removed defective oil cooler bypass valve and
 replaced with new valve 53E19600. Test run and ops check OK..

Benjamin D. Baker AP 417068852 A/C TT = 1546.6

B. D. Baker

N498HP 8 Nov 05 Tach- 1546.6 Performed cylinder compression check this date
 and time., #1 65/80 #2 76/80 #3 75/80 #4 77/80 #5 74/80 #6 75/80Serviced all
 spark plugs and checked mag timing..All OK..

Benjamin D. Baker AP 417068852 A/C TT = 1546.6

B. D. Baker

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

N498HP 9 Dec 05 Tach-1584.5 Performed engine oil change and filter inspection this date and time. Serviced with 12 qts. Aeroshell 15/50 oil and installed new 48110 filter. No defects noted in filter inspection. Next recommended change due @ Tach 1614.5 or March '06.. *A/C TT = 1584.5*
 Benjamin D Baker AP 417068852

B.D.B.

L&M AIRCRAFT INC.
 ROME, GA 30165

N498HP Piper PA-32R-301 s/n 3246121
 December 22, 2005 Hobbs 1590.3

Removed Lamar PM2401 starter s/n 85777716 and installed new Lamar PM2401 starter s/n 85816303. Operational checks good.

Larry A. Owen
 A&P 2050165

Larry A. Owen

N498HP 16 Feb.06 Hobbs @ 1628.8 A/CTT _____ Engin
 PropTT _____
 Performed engine oil change this date and time. Serviced with 11 oil. Inspected filter with no faults. Replaced with #48110. Service inflation. Serviced nose strut to proper height with nitrogen. Next due @ Hobbs time 1658.8 or May '06. --END--
 Benjamin D. Baker A&P Certificate # 417068852 *B.D.B.*

498HP 19 April '06 Current Hobbs time @ 1665.1 Airframe T.
 Engine Total Time @ _____
 Performed engine oil change and filter inspection this date and time with new Kelly #48110, and serviced engine with 12 qts Aeroshell due @ Hobbs time 1695.1 or July '06.
 Removed nose tire and replaced with new Goodyear Flight custom and felts. Removed left main tire and replaced with new Goodyear Serviced bearings and felts.
 Benjamin D. Baker A&P Certificate # 417068852 *B.D.B.*

Engine log entry for Annual Inspection. Currently installed on N-498 Make-Lycoming. Type-IO-540-K1G5. SN-L-26510-48A. Date-14 Ju 1734.4. Completed Annual Inspection this date IAW FAR 43[a][d], a Cylinder compression as follows: #1-78/80 , #2-58/80 , #3-77/80 , #4 Serviced engine with 10qts. Aeroshell 15/50 engine oil. Inspected fil 48110 filter. Installed new SK-Tech starter pn-149NL. Sn-FN-23062 pn-460-632. Installed overhauled magnetos pn-6350 sn-06051058 (ri Installed new right side exhaust riser assembly pn-85233-10 and muff serviced and tested. I certify this engine has been inspected IAW an a airworthy at this time.

Richard S. DesPortes A&P 259787531 LA.

Sign *Richard S. DesPortes*

Date _____

ENGINE LOG

for	Recorder Reading	Maintenance
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Performed engine oil change and filter inspection
 s. Aeroshell 15/50 oil and installed new 48110
 tion. Next recommended change due @ Tach
 1584.5

RCRAFT INC.
 E, GA 30165

01 s/n 3246121
 1590.3

ter s/n 85777716 and installed new
 16303. Operational checks good.

Arroy Owen

N498HP 16 Feb.06 Hobbs @ 1628.8 A/CTT _____ EngineTT _____
 PropTT _____

Performed engine oil change this date and time. Serviced with 11 qts. Aeroshell 15/50
 oil. Inspected filter with no faults. Replaced with #48110. Serviced tires to proper
 inflation. Serviced nose strut to proper height with nitrogen. Next recommended service
 due @ Hobbs time 1658.8 or May '06. --END--
 Benjamin D. Baker A&P Certificate # 417068852 *[Signature]*

Certificate No.

498HP 19 April '06 Current Hobbs time @ 1665.1 Airframe Total Time @ _____
 Engine Total Time @ _____

Performed engine oil change and filter inspection this date and time with no faults noted. Replaced filter
 with new Kelly #48110, and serviced engine with 12 qts Aeroshell 15/50 oil. Next recommended service
 due @ Hobbs time 1695.1 or July '06.

Removed nose tire and replaced with new Goodyear Flight custom 3 , 5.00x5x6 ply tire. Serviced bearings
 and felts. Removed left main tire and replaced with new Goodyear Flight custom 3, 6.00x6x6ply tire.
 Serviced bearings and felts.

Benjamin D. Baker A&P Certificate # 417068852 *[Signature]*

Engine log entry for Annual Inspection. Currently installed on N-498HP.

Make-Lycoming. Type-IO-540-K1G5. SN-L-26510-48A. Date-14 June'06. Tach-1734.4. Engine TT-
 1734.4. Completed Annual Inspection this date IAW FAR 43[a][d], and all applicable service instructions.

Cylinder compression as follows: #1-78/80 , #2-58/80 , #3-77/80 , #4-78/80 , #5-78/80 , #6-77/80.

Serviced engine with 10qts. Aeroshell 15/50 engine oil. Inspected filter with no faults noted. Installed new
 48110 filter. Installed new SK-Tech starter pn-149NL. Sn-FN-230627. Installed new induction air filter
 pn-460-632. Installed overhauled magnetos pn-6350 sn-06051058 (right) and 6351 sn-06040797(left).

Installed new right side exhaust riser assembly pn-85233-10 and muffler pn-K26345-008. All spark plugs
 serviced and tested. I certify this engine has been inspected IAW an annual inspection and was found to be
 airworthy at this time.

Richard S. DesPortes A&P 259787531 J.A.

Sign *Richard S. DesPortes*

Date 6/14/06

N498HP PA-32R-301 sn-3246121 Hobbs-1760.1 Date-23 August '06
Performed engine oil change and filter inspection this date and time. Serviced engine with 10 qts. Aeroshell 15/50 engine oil. Inspected filter with no faults noted. Installed NEW Champion 48110 filter. Installed NEW Facet engine intake filter pn-638873 , Piper no.-460-632. Checked all exterior lamps. Serviced Tires. Engine run and ops check OK. Next recommended oil service due at Hobbs-1790.1 or November '06.

-----END-----

Benjamin D. Baker A&P , Certificate # 417068852
R.D. Aircraft Inc. Columbus Ga. 706-392-9011

N498HP PA-32R-301 sn-3246121 Hobbs-1789.2 Date-30 Sept. '06
Performed engine oil change and filter inspection this date and time. Serviced engine with 10 qts. Aeroshell 15/50 engine oil. Inspected filter with no faults noted. Installed new Champion 48110 filter. Serviced brake reservoir. Serviced tires. Next oil service due @ Hobbs-1819.2 or December '06. Run and ops check OK.

-----END-----

Benjamin D. Baker A&P Certificate # 417068852
R.D. Aircraft Inc. Columbus Ga. 706-392-9011

Engine log entry for Annual Inspection. Currently installed on N-498HP.
Make-Lycoming. Type-IO-540-K1G5. SN-L-26510-48A. Date-6 June'07. Tach-1950.0. Engine TT-1950.0. Completed Annual Inspection this date IAW FAR 43[a][d], and all applicable service instructions. Cylinder compression as follows: #1-78/80 , #2-58/80 , #3-77/80 , #4-78/80 , #5-78/80 , #6-77/80. Serviced engine with 10qts. Phillips 20/50 engine oil. Inspected filter with no faults noted. Installed new 48110 filter. Installed new induction air filter pn-638873. Installed overhauled alternator ES4011-1LS. Installed new left side muffler pn-K26345-008. Installed overhauled cylinder assembly pn-LW12987CN at #1 engine position. All spark plugs serviced and tested. I certify this engine has been inspected IAW an annual inspection and was found to be airworthy at this time.

Richard S. DesPortes A&P 259787531 I.A.P.

Sign Richard S. DesPortes Date 6/6/07

Engine log entry for N-498HP. Date-16 July'07. Hobbs-1978.2. Performed engine oil change and time with 10qts. Aeroshell 15/50 engine oil. Inspected filter with no faults noted. Run and ops check OK. Next service due at Hobbs-2008.2.

-----END-----

Benjamin D. Baker A&P Certificate # 417068852

CSG AVIATION

DATE:	3/26/2007	A/C Reg #:	498HP
ENG:		ENG S/N:	
A/C Tach:	Hobbs 2009.5	A/C S/N:	324612
AFTT:		ENGINE TT:	
Drained oil and removed oil filter. Cut filter and inspected. No oil noted. Refilled Engine with 12 qts Aeroshell 15-50 and replaced 48110-1. Washed engine. Ran engine no leaks noted.			

Jack Thornton A&P 260113974

N498HP. 03 Oct.'07. Hobbs-2041.7. Performed engine oil change and time with 10qts. Aeroshell 15/50 engine oil. Inspected filter. Installed new

-----END-----

Benjamin D. Baker A&P 417068852

-1760.1 Date-23 August '06
tion this date and time. Serviced engine with 10 qts. Aeroshell
ts noted. Installed NEW Champion 48110 filter. Installed
Piper no.-460-632. Checked all exterior lamps. Serviced
ommended oil service due at Hobbs-1790.1 or November

68852
011

-1789.2 Date-30 Sept. '06
tion this date and time. Serviced engine with 10 qts. Aeroshell
ts noted. Installed new Champion 48110 filter. Serviced
ice due @ Hobbs-1819.2 or December '06. Run and ops

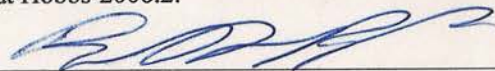
68852
011

ently installed on N-498HP.
-26510-48A. Date-6 June'07. Tach-1950.0. Engine TT-
te IAW FAR 43[a][d], and all applicable service instructions.
#2-58/80 , #3-77/80 , #4-78/80 , #5-78/80 , #6-77/80.
gine oil. Inspected filter with no faults noted. Installed new
r pn-638873. Installed overhauled alternator ES4011-1LS.
8. Installed overhauled cylinder assembly pn-LW12987CN at
and tested. I certify this engine has been inspected IAW an
thy at this time.

ites Date 6/6/07

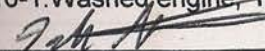
Engine log entry for N-498HP. Date-16 July'07. Hobbs-1978.2. Performed engine oil service this date
and time with 10qts. Aeroshell 15/50 engine oil. Inspected filter with no faults noted. Installed new 48110
oil filter. Run and ops check OK. Next service due at Hobbs-2008.2.

-----END-----
Benjamin D. Baker A&P Certificate # 417068852



No.

CSG AVIATION

DATE:	3/26/2007	A/C Reg #:	498HP
ENG:		ENG S/N:	
A/C Tach:	Hobbs 2009.5	A/C S/N:	3246121
AFTT:		ENGINE TT:	
Drained oil and removed oil filter. Cut filter and inspected. No defects noted. Refilled Engine with 12 qts Aeroshell 15-50 and replaced oil filter P/N CH- 48110-1. Washed engine, Ran engine no leaks noted.			
		Jack Thornton A&P 260113974 August 13, 2007	

N498HP. 03 Oct.'07. Hobbs-2041.7. Performed engine oil service with 12qts.
Aeroshell 15/50 engine oil. Inspected filter. Installed new 48110 filter. OPS check OK.

-----END-----
Benjamin D. Baker A&P 417068852



