#1

ENGINE LOG



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 10-540-K1G5

SERIAL NO. ___ L-26510-48A

Jon pline #

(AUTHORIZED REPRESENTATIVE)

TEXTRON Lycoming

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

FORM NO. 777-8 (Rev.3/94)

NOTICE

Making false entries in this book is a violation of government regulations and is punishable by civil penalty.

ENGINE DESCRIPTION

Model:	IO-540-KIG5	Horsepower: FAA T. C. No	300 IEN
model:	20 3/0 ///03	FAA 1. C. No	
	Engine Accessories	Serial No.	Weigl

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES ON ENGINE AND ACCESSORIES

A. D. No. and Date	Item	Method of Compliance (See Log for Details)	Time on Engine	Date of Compliance	Signature and Certificate No.
99-04-04		Inspection of mag impulse compling	98.9	3-18-99	See log entry
99-04-04		to spect may impulse coupling	322.6	12-14-99	DVAR 3741
73-02-05		Inspect feel hyector line	332.6	12-14-99	ONIPR 32401
93-62-05		Tospectan ful injects - live menting a routing	487.0	08-4-00	Michin Pert DUPN 3740
93-02-05		Inspection of feetlines, mounting, drowning	607.5	01-24-01	See Log entry
93-02-05		Inspection of welliner, manny	705.8	05/11/01	RS DUPR 3747
	-				-

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES ON ENGINE AND ACCESSORIES

A. D. No. and Date	Item	Method of Compliance (See Log for Details)	Time on Engine	Date of Compliance	Signature and Certificate No.
	+ +				
				-	
				-	
				-	
	-		-		
				1	

Cha	98HP Date 11-17 anged oil and filter, Run-up Ok.		ak checked The in Fe	arcaraft / componet identified above was repaired and spected in accordance with current Regulations of the ideral A viation A diministration and found anworthy, and approved for return to service for the work performed. The internal details of the repair are on file at the Agency or	and Remarks		Signature	Certificate No.
12-30-98 -0 H 93056	tach 55.3		new filter	pour this engine + prop were inspected				
COMPRESS #173/80 #2 #474/80 #5 2/16/99	10N CHECK 76 /80 #3 77/80 76 /80 #6 7 4/80	77.9	77.9	Drained oil and service with	109ts Acroshell Widos	leak checked OK	Danly More	470900896 (FA
Total To Carry Forward		Tall .						

TO 1 W

D	AVTECH Executive Flight Center						
	DITT OUG	N#: 498HP TACH:	SN: 3246121 AC/TT: 98.9				
		ETT: 98.9	TSO:				
	1. PERFORMED A 100HR SERVICE MANUAL INS 2. COMPRESSION CHECK #1-78 #2-75 #3-77 #4-77	PECTION GUID	I/A/W PIPER PA32R-301 DE.				
	CHANGED OIL AND FIL AND CH48110 FILTER.	TER. INSTALL	ED 12QTS S/A 100W				
10	4. TOOK OIL SAMPLE. SE 5. C/W AD98-18-12 ROTAI SCREWS. ALL OK.		P. CHECK TORQUE ON				
		KSHAFT REPA	A/W AD. DUE AGAIN 250HR. IR BY NELSON SERV. N/A				
787	The Maintenance identify	END		THE REAL PROPERTY.			
	The Maintenance identified is approved for return to s	ervice. Shop Or	n inspected and the item der Number_2186				
Total T Carry	Date _3/18/99 _ Signed Avtech Executive Flight		S# GMNR2318				

1-770-422-2345

Date	Engin	e Time	Recorder	Maintenance
Date	This Date	Since Major	Reading	Maintenance
	Brought Forward	130.1	130.1	Drained oil and serviced with
4/18/99				
4/29/99		134.1	134.1	REMOVED ALTERNATOR PIN
				ALTERNATOR P/N ES 4011-115 5/N
				RAN ENGINE AND CHECKED
6/16/99		158.4	158.4	clostalled rew oil filter
mwo# 9/136	#176/80 #1	ion check 76/80 #378/8 76/80 #678/8	0	Sigtemed the Colts on
Total To Carry Forward				

and Remarks 10gts Acrospell 100W. Leakkheck ok ES 4011-125 S/N 8050183 & INSTALLED NEW 9021507. TENSIONED BELT, TORQUED & SAFETIED. ALTERNATOR OUT PUT. the Sottom of the ful purp Inspected in accordance with a 50 hour inspection. Herviced with 11 quarte 100 W BIONED KLAMY SEE KIM NAS 4128/335

130.1 Diained oil and 3	
110000	TOO 2/N
1/11 == 1	
RAN ENGINE AND	
4 158.4 Istalled rew or	I fler
4 158.4 Istalledren or 378100 Tigftened the 6-	bolts on

and Remarks	Signature	Certificate No.
logts Acrospell 100W. Leakkheck of	Dann Mar	470 900 88C Ac
	1	CVENTURE.
ES 4011-165 S/M 8050183 & INSTALLED NEW		
9021507. TENSIONEN BELT, TORQUED & SAFETIED.	100	MADON ADIATION
ALTERNATOR OUTPUT.	Jum M. Chiller	MOODY AVIATION RS# OUP 2374D
P/n CH48110, toqued + safetyed	10 10 00 00 14)	
the Sottom of the ful purp.		
DATE 6/16/19 TACH 158. 4 W.O. 91136		
Serviced with 11 quarte 100 W pli SIGNED KLAMA See KAM AMP 44128/3350		
SIGNED FINING SOO KON NAP 4 LAI 5350		Stranger of the Stranger of th

	Engine	e Time	Recorder	11 .
Date	This Date	Since Major	Reading	Maintenance
EPT 2, 1999	Brought Forward	213.4	213.4	7
W.O. #20	3009			2.
		To the said	Name and	1. Verified that AD 98-18-12
			CASSES T	2. Verified ADG9-04-04 WO
ANTESTAD				3. Complied with AD 95-26-1
	#174/80	#275780 #3	19/80	TSO C53a specs.
21%	#4 74 /80	#575 /80 #6	74/80	4. Installed new induction
			. Cet	5. Adjusted timing on both
	Stor -		15113	6. Drained oil and serviced
				Gilter
Total To Carry Forward				7. Engine operationally cleck

and Remarks

Performed a (100 hour) (Annual) inspection in accordance with Piper form, No. Complet 5 of and the manufacturers sevice manual, No. 761-879. The following additional work was performed:

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

does not apply - no rotary style pump install

mags (engine to mag timing)
with 11 of S Aeroshell W 100 and new CH

Date 9/2/99 Total Time 2/3.4 I certify this line 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 11/10 No. 103009

Moody Aviation Repair Station No. DVPR374D

Major	Recorder Reading	Maintenance
4	213.4	
		7.
		1. Verified that AD 98-18-12
- 2	marke V	2. Verified ADG9-04-04 Was
		3. Complied with AD 95-26-13
CHECK 80 #3	9/80	TSO C53a specs.
80 #10	74700	4. Installed new induction
		5. Adjusted timing on both
	SENT	6. Drained oil and serviced
		Gitter
	Line manual	7. Engine operationally decle

and Remarks	Signature	Certificate No.
Vertormed a (100 hour) (Annual) inspection in accordance with Piper form, No. Complet 5 of and the manufacturuers sevice manual, No. 761-879. The manufacturuers sevice manual, No. 761-879.	The Market	
following additional work was performed:		orle.
does not apply - no rotary style pump installed		
oreviously complied with.		
by veritying that all oil cooler hoses meet		
Vext due 1000 hrs TIS or at hose replacement.		
air filter p/n 460-632.		
mags (engine to mag timing)		
with 11 gts Scroshell W100 and new CH 48110		
Date 9/2/99 Total Time 2/3.4 I certify this ling the has been inspected in accordance		
in Airworthy Condition. Details are a file		LA CONTRACTOR
Repair Station under W/O No. 203009 SIGNED Journal Of Date 9/2/99 Moody Aviation Repair Station No. DVPR3740		

	Engir	e Time	Recorder	Maintenance
Date	This Date	Since Major	Reading	Maintenance
	Brought Forward →			
9136199		2463	246.3	Dramedoil and filled with
10/15/99				Drained oil serviced with
1				Drained oil serviced with CH 48110 Cilter. Performe
				Monual. Installed new
				Ground van engile and cled
STATE CHARLES NO SERVICE				
				sect back
Total To Carry Forward				much and bearings of the control of the desired of the control of

and Remarks

Aenskil loow logts

119ts Aerostell W100 oiland new 50 hour inspection IAW Piper Service magnetic switch for find baggage door. A lakes. None noted.

		and Remarks	Signature	Certificate No.
141.3	Drained oil and filled with	Aenskil 100 w 10 gts	Dongoffa	470900881 Acf
	Manual. Installed new	119ts Aerostell W100 viland new 50 hour inspection IAW Piper Service magnetic switch for Good baggage dear.	Jan Andrel	RS DVPR 3740
Man I sime	A CONTROL OF THE PROPERTY OF T			
		Drained oil, serviced within CH 48110 Citer. Personned Manual. Instabled new Ground van engine and cleded	Drained oil, serviced with CH 48110 Citer. Performed Manual. Instabled new Ground van engine and cleded More properties and cleded More p	Drained oil serviced with CH 48110 (? Her. Performed 50 hour inspection 1AW Piper Service Manual. Instabled new magnetic switch for find baggage dear. Ground ran engine and cleded for ledes. None noted. Jonathappel

	Engin	Engine Time				
Date	This Date	Since Major	Reading	Maintenance		
12-14-99	Brought Forward	372.6	322.6	COMPRESSION CHECK #175/80 #278/80 #376/80		
W.O. # 20	3035			#478/80 #578/80 #6 75/80		
		Carrier and the second	1.	Complied with AD 99-04-04 by		
				accordance with MSB 537 on		
Martin CA - House Martin Carlo			a .	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 gfs Arosted		
				engine and clecked for tedes		
Total To Carry Forward				This engine found to be in		

and Remarks

Performed a (100 hour) (Annual) inspection in accordance with Piper form, No. 5-20-00 and the manufacturuers sevice manual, No. 16-879. The following additional work was performed:

Inspection of maneto impulse coupling in Magneto. [NEXT DUE at 572.6]
Inspecting fuel injector line routing and [NEXT DUE at 422.6].
Guel injector norzles.

100 oil and new CH 48110 Giffer. Ground ran

and power output.

ne nce Major	Recorder Reading	Maintenance	and Remarks	Signature	Certificate No.
12.6	322.6	COMPRESSION CHECK #175 /80 #2 78/80 #376/80	Performed a (100 hour) (Annual) inspection in accordance with Piper form, No. 5 - 20 - 20 and the	Carl College	L DO VENUE
Eur		#478/80 #578/80 #675/80	manufacturuers sevice manual, No. 76/-879. The following additional work was performed:		0.07086534.Uv
	1.	Compled with AD 99-04-04 by	Aspection of maneto impulse coupling in		
		accordance with MSB 537 on	Magneto. [NEXT DUE at 572.6]		
	2.	Complied with AD 93-02-05 by	Inspecting fuel injector line routing and		
		mounting IAW MSB 342B.	NEXT DUE at 422.61.		
		Removed, cleaned, and installed	fuel injector norrles.		
	4.	Installed new throttle control	rod end.		
		Serviced engine with 11 gfs Arasked W			
		engine and clerked for teales	and power output.		
		This engine found to be in	airworthy condition.	Jutha Pal	RS DVPR 3741

	Engine	Time	Recorder	Maintenance	
Date	This Date	Since Major	Reading		
4/13/00	Brought Forward	392.9	392.9	COMPRESSION CHECK #171 /80 #2 70/80 #3 72/80	
4/13/00 V/0 203057				#171 /80 #2 70/80 #3 72/80 #\$70/80 #573/80 #670/80	
and the side			110)		
	i - u				
What were					
Total To Carry Forward					

	2		
and	Ren	nark	

- mm 4/13/40	TACH 391.9	W.O.# 203057	i
Inspected in accou	a Ale a Lil lange	est from the control of the control	
Serviced with	il guarte	(C - O The Comment of the Comment o	
SIGNED A	- Korla A	&P# 228338843	

e nce Major	Recorder Reading	Maintenance
12.9	392.9	COMPRESSION CHECK #171 /80 #2 70/80 #3 72/80 #470/80 #573/80 #670/80
	And the second	
	T = P	

and Remarks	Signature	Certificate No.
DATE 4(13/00 TACH 3919 W.O.# 20305 tonspected in accordance with a 50 hour inspection.		
erviced with H quarts Acros (L) 100 W off IGNED ASP# 228337843	At Bryle	228339843

Date	Engir	ne Time	Recorder		
	This Date	Since Major	Reading	Mainten	ance
	Brought Forward A	VERITT A	VIATION		1/0
		COOKEVII	LLE, TN		- 4
Herita :	26 May, 2000			PA32R-301	
	Tach:429.6			N498HP	
	W/O #1641				
	Complied with a 1	00 hr. inspection.	Drained oil an	nd changed filter.	
	Cut filter for inspe	7.50		- C	
- 8	and inspected filter	screen. Serviced	engine with 12	2qts of Aeroshell	
	100 oil. Compressi				
	#6-73. Cleaned, ga				
	nagneto timing. W				
	check. A.D check t				
	nspected IAW a 10	00hr inspection ar	nd found to be	in airworthy condition.	
		R	Mel	Ehren	
		F	Randall E. Ken	nedy	2001

A/P405020643

D-4-	Engir	ne Time	Recorder	
Date	This Date	Since Major	Reading	Maintenance



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

#175/80 #272/80 #375/80 #470/80 #575/80 #676/80

Michael Tail For

Moody Aviation 543-3534
Repair Station No. DVPR374D
Municipal Airport
Elizabethton TN 3764?

Michael Peifer

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 Cl 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 engin

an Annual inspection and found to be in airworthy con

Randall F. Kenned

Randall E. Kenned FAA CRS N9VR0

e Major

Recorder Readina

Maintenance

Power plant Logbook Record

DVPR374D

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

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

frame Total Time: 487.0 hrs.

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

ected for leaks.

Moody Aviation 543-3534 Repair Station No. DVPR374D Municipal Airport Elizabethton TN 3764?

AVERITT AVIATION

Sparta, TN

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

and Remarks

PA32R-301 N498HP

Signature

Certificate No.

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

Michael Peifer

0	Engir	ine Time	Recorder	Material	and passable
Date	This Date	Since Major	Reading	Maintenance	and Remarks
	Brought Forward				
9/11/00		521.6	521.6	Drained oil and servicel	with 10gts Aeroshell 100W
1/24/01		607.5	607.5	Performed 50 hr. Inspection IAW	Mondy Form MA 1007, Drained all, inspected
wlo#	13937	COMPRESSION 1 76/80 #2 73 1 74/80 #5 76	CHECK 5/80 #3 74/80	filter, a oil analysis check. Installed	New CH4810 Filter & Services of 119ts Aerostell 1000
		2480 #576	/80 #678/80	AD 43-03-05 Fuel Weeken likes - EIW	by Inspecting trel lines t support clamps IAW
			*	A093-00-05 & MSB34AA Next DVI	1 Tack 707.5 0- 1/02
				Installed Il new spark: plugs Change	and the second s
					checkes.
				Regard Broken Balling LH rear @ oil	enoter using ANYTO AD 3-4 routs.
Total To Carry Forward					

Major	Recorder Reading	Maintenance	and Remarks	Signature	Certificate No.	===
				0		
4	52).6	Drained oil and services with	the 10gts Aeroshell 100W	Jul M.	470900886	Ack
5	607.5	Performed 50 hr. Inspection IAW Ma	andy Form MA 1087, Denind oil, inspected			
#2 73/	CHECK 80 #3 74/80 80 #6 78/80	Filter, & oil analysis check. Installed New	EH 4810 Filter & serviced of 119ts Aerostell 1000			
#576/	80 #6 78/80	AD 43-08-05 Fuel Weeken likes - EIN 11	Inspecting teel lines t support clamps IAW			
		A093-00-05 & MSB34AA NOLLOW 0 -	Truck 707.5 ar 1/02			
		Installed II new spack. plags Change	PIN REM 38E			
		Performed post renerg + leak the	ches.			
		Regard Broken Dalthy LH rear O ail and	er using AN470 A0 3-4 routs.	Ketch Ericson	Por	
					n No. DVPR374[pal Airport	
		PARTICIPATE TO SERVICE		Elizabethi	on, TN 37642	

THE REAL PROPERTY.

Date	Engine	Time	Recorder		
Date	This Date	Since Major	Reading	Maintenance	
	P Brought				
100 per - 24		AVERIT	T AVIAT	ION	
			arta, TN		
	Mar. 08, 200		arta, 114	PA32R-301	
	Tach:650.7			N498HP	
	W/O #1829				
			,		
	Complied wi	th an 100 inspe	ction. Drained	oil and changed filter.Cut	
				ed new CH48110 and inspected	
				Aeroshell 100 oil. Compression	
	check reads #	#1-80, #2-78, #3	-80, #4-80, #5-	-80, #6-79. Cleaned, gapped,	
	tested and ro	tated spark plug	s. Retorqed #2	cylinder I.A.W. Lycoming	
	service manu	al.			
				Loff a. allo-	
				per y a . com	
				Robert A. Alcorn	
				FAA CRS N9VR084I	
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	A COLUMN TO A STATE OF THE PARTY OF THE PART	coming			
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				- Lentin
		100	Co. Legisland	

			TOTAL LOG		
Date	This Date	Since Major	Recorder	Maintenance	1-
05/11/61 10.#13065#	Brought Forward	80 #4 7 C/sm	Reading 705.8	- Performed 50 hr inspection IAW Moody work performed: - Installed new cilfilter ph 48110 and - 58 99-71-0182 · c/w by inspecting - 1D 93-02-05 - v/w by inspecting - removed cyl. #2 rockers, push and push rods. Reinstelled all parts.	contents of removed oil filter. Fuel lines, mounting, + routing. All were okay. tubes, litters, and pushrods. Inspected
otal To Carry Forward				box gashet ph 67193. GROUN	

	The state of the s			
Recorder Reading	Maintenance	and Remarks	Signature	Certificate No.
705.8	- Performed 50 hr inspection IAW Mood	Form # MAIDZ7 R4/98 and the following additional		
	work performed:			
	- Installed new oil filter ph 48110 and	artetiad.		
	- 5B 99-71-01R2 · c/w 64 inspecting	contents of removed oil filler.		
	-10 93-02-05 - c/w by inspecting	fool lines, mounting, + routing. All were okay.		
	- removed cyl. #2 rockers, pushred	tubes, liflers and pushrods. Inspected		
	push rods Reinstelled all parts.	Torqued + safetial. Installed new rocker		
	box gaslet ph 67193. GROUND	RAN & LOAK CHECKED		
		5 T al 205 9 - 120/5		
Sr.		Inspected in accordance with a 80 hour Inspection. Berviced with 12 quarts AEROSHEL 100Woll. BIGNED Dren Afence		
	Reading 705.8	Reading Maintenance 705.8 - Performed 50 hr inspection IAW Moody Wark performed: - Installed new oil filter plu 48110 and - SB 99-71-01R2 · c/w 64 inspecting - AD 93-02-05 - c/w 64 inspecting - removed cyl. #2 rockers, pushrod pushrods. Reinstalled all parts.	Reading Maintenance and Remarks 705.8 - Performed 50 hr inspection IAW Moods, Work performed: - Installed new cil filter plu 48110 and - 58 99-71-01R2 · c/w by inspecting AD 93-02-05 - c/w by inspecting - removed cyl. #2 rockers, pushrod pushrods. Reinstelled all parts. To good 1 safetial. Installed new rocker box gasliet ph 67193. GROUND RAN & LEAK CHECKED - ATTE 5-11-01 TACH 705.8 W.O. 13065 Inspected in accordance with a 50 hour Inspection. Serviced with 12 guarts ARROSHELL COMONI.	Reading Maintenance and Remarks Signature 705.8 - Performed 50 hr inspection IAW Moods work performed: - Installed new cilfilter ph 4RNO and white of remained oil filter. - 10 93-02-05 - clw by inspecting contents of remained oil filter. - 10 93-02-05 - clw by inspecting fool lines, mounting, + routing. All were okay. - removed cyl. #2 rockers, pushfool pushfools. Rainstelled all parts. Torquad + safethed. Installed new rocker fox gaslet ph 67193. GROWN RAN & LEAK CHECKED SATE 5-11-0/TACH 205.8 W.O. 13065 Inspected Inscoordance with a 50 hour Inspection. Berviced with 12 quarts ARROSTELL (solve) II. SETTE 5-11-0/TACH 205.8 W.O. 13065 Inspected Inscoordance with a 50 hour Inspection. Berviced with 12 quarts ARROSTELL (solve) II.

Date	Engine	e Time	Recorder	
Date	This Date Since Major		Reading	Maintenance
	Brought +		En Lycenia	Constitution of States are an in the
		AV	ERITT AVIATI	ION
The state of			Sparta,Tn.	
				N498HP
	JULY30,2001 HOBBS:752.5			PA-32R-301
	(3)75 (4)77 (5)7 and tested. Oil o	changed with 12Q AD 93-02-05. Gr ted I.A.W. an ANI	TS AS100 and r	reads as follows (1)75 (2)74 All spark plugs cleaned gapped replaced filter with CH48110. leaks noted I certify this ENG/ PROP and was found to be in air
	Compliance 93-02-05 Fuel I		RANDY	Due Annual KENNEDY RS# N9VR084I
To Forward			TAN OF	

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-PM240 A-W PIPER MAINT. MANUAL. GROUND RAN. OPS CHECK G DEFECTS NOTED AT THIS TIME. PERTINENT DETAILS ARE ON HILE AT THIS AGENCY.
APPROVED BY:
INSPECTOR APPROVED BY: HAWTHORNE AVIATION, WINSTON-SALEM, N.C. REPAIR S'

PIEDMONT

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 accorda aircraft and leak checked mag. No defects noted.

PERTINENT DETAILS ARE ON FILE AT THIS AGENCY. SIGNED: AVIATION SERVICES, INC. WINSTON-SALEM, N.C. REPAIR STATION NO

208A.

			-		
e	Recorder Reading	Maintenance		and Rem	
nce Major	Reduing	# 165 SAL7A		1986 1981	DATE:10/08/01 MODEL:PA W/O# H001169 REMOVED STARTER AND
AVI	ERITT AVIATION Sparta,Tn.	N498HP			A-W PIPER MAINT. MANU. DEFECTS NOTED AT THIS PERTINENT DETAILS ARE
		PA-32R-301			HAWTHORNE AVIATION, 208A.
77. Replaced sed with 12Q 93-02-05. Gr A.W. an AN	TE AS100 and replacement of the AS100 and rep	ls as follows (1)75 (2)74 ll spark plugs cleaned geaced filter with CH48116 ks noted I certify this EN nd was found to be in air Due Annual ENNEDY N9VR084I	O. NG/ PROP	Removed an aircraft and I	701 MODEL:PA32R-301 S N:PM2401 SN:850443910 and d installed new points on LH is eak checked mag. No defects DETAILS ARE ON FILE AT SERVICES, INC. WINSTON-S

and Rem	PIEDMONT HAWTHORNE A VI A T I O N	Certificate No.
i oli	DATE:10/08/01 MODEL:PA-32R-301 S/N:32-3246121 TACH:792 N#:N498HP W/O# H001169	19/2/1
	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.	45000 de
	PERTINENT DETAILS ARE ON HILE AT THIS AGENCY. APPROVED BY: HAWTHORNE AVIATION, WINSTON-SALEM, N.C. REPAIR STATION # PAIR 208A.	nagi in altite
amound an	I:PM2401 SN:850443910 and installed PN:PM2401 SN:85043900. d installed new points on LH mag. Reset internal timing in accordance with Slick Maidt	
ircraft and le	DETAILS ARE ON FILE AT THIS AGENCY. SIGNED: DETAILS ARE ON FILE AT THIS AGENCY. SIGNED: ERVICES, INC. WINSTON-SALEM, N.C. REPAIR STATION NO. PAIR 208A.	PIEDMONT
118		

real Property Services

	V	Herold S. C. S.		
Date	Engine	Time	Recorder	Maintenance
Dale	This Date	Since Major	Reading	
11/2/	Brought -		Ho66's	- 1 1 .A. 1 60 11- T-00
11/7/01	Forward		803.7	Inspected IAW A SO Hr. Insp.
wo# 23027				additional work was performed:
COMPRESS #1 76/80 #2	75/80 #376/80			- Installed new oil filter, Champie
#478/80 #5	73/80 #6 78/80			metal + reinstallad using new
				- AD 99-04-04 Impose coupling
				537 + 5/rk SB 1-98. AD Next
				-AD 93-02-05 Full insertor line
				Nex+ Dec 903.7.
				- Retined RH may to engine
Total To				
Carry Forward				

used Moody Form MAIO27. The Following AN 900-16 gasket. Sovied of 11gts. Arosall 100W. inspection. Complied w/ IAW Lyc. SB Due Hobbs: 1053.7. ing. Complied u/ IAW Ge. 583420. (20 BTC) Moody Aviation Repair Station No. DVPR37 Municipal Airport

Elizabethton, TN 3764?

and Remarks

nce Major	Recorder Reading	Maintenance
	Ho663 803.7	Inspected IAW A SO Hr. Insp.
		additional work was performed:
		Installed new oil filter, Champion
		netal + reinstallal using new
		AD 99-04-04 Impose coupling
		537 + 5/kk SB 1-98. AD Next
		Next De 903.7.
		Retined RH mag to engine
	7	

and Remarks	Signature	Certificate No
used Moody Form MAIOZ7. The Following		
e/N CH48110. Inspected surtion screen for		
Au 900-16 gasket. Sovied of 11gts. Arosell 100		
inspection. Complied w/ IAW GC SB		
Dece 140665: 1053.7.		
ing. Complied ~/ IAW Ge. 583420.		
20° BTC)		
Hard Mark Moody Aviation Repair Station No. 1	DVPR374D	
Municipal Air Elizabethton, TN		

ALC: UNK

D	Engin	e Time	Recorder	LEAD STATE OF THE
Date	This Date	Since Major	Reading	Maintenance
			Averitt Aviatio	on
			Sparta, Tn.	
JAN-08	8.2002			PA-30K
Hobbs	8514			N498HP
W.O. #	RF-0201			
A SCHOOL STREET, ST. ST.		s follows #1-75, #	2-76. #3-75 #4-7	Cea. Spark Plugs.P.N.REM 38E. 6,=5-74,#6-77. Checked Magneto's timing and ground ran for leak and ops. ck. no
LA.W defects	Manufactures Servinoted All All co	s follows #1-75, # rice Manual, Wash implete through Ia	2-76: #3-75 #4-7 ned Actt. Engine pproch # 2001-26	
LA.W defects	Manufactures Servinoted All All co	s follows #1-75, # rice Manual, Wash implete through Ia	2-76: #3-75 #4-7 ned Actt. Engine pproch # 2001-26	6,#8-74,#6-77 Checked Magneto's timing and ground ran for leak and ops. ck. no b. I certify this Engine. Prop has been
LAW defects	Manufactures Servinoted All All co	s follows #1-75, # rice Manual, Wash implete through Ia	2-76: #3-75 #4-7 ned Actt. Engine pproch # 2001-26	6,45-74,46-77 Checked Magneto's timing and ground ran for leak and ops. ck. no of Leertify this Engine. Prop has been Air worthy condition. Glyn Roe

and Remarks



Moody Aviation Municipal Airport PO Box 429

Elizabethton TN 37644-0429

Phone: 423-543-3534

FAA Repair Station NO. DVPR374D

Powerplant Logboo

Registration: N498I

Model: PA-32 Serial Number: 32461

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

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

this powerplant has been inspected in inspection. Details of Repair Station under Work Ordor No. 23050

SIGNED

Moody Aviation Repair Station No. DVPR374D

Recorder Reading Maintenance

Iverit Aviation

Sparta.Tn.

PA-32k
N498HP

Dection. Changed Oil and Filter. Inspected Suction Screen. Cut old Filter it. Hingine with 12 qts A/S 100W Installed new Oil Filter P/N CH48110. otated Spark Plugs. Replaced 2ea Spark Plugs.P/N REM 38E. lows #1-75, #2-76. #3-75 #4-76,#5-74,#6-77 Checked Magneto's timing Vanual. Washed Acit. Engine and ground ran for leak and ops. ck. no ete through Japproch # 2001-26. I certify this Engine. Prop has been

spection and found to be in an Air worthy condition.

Glyn Roe FAA CRS# N9VR08I

Signature Certificate No. and Remarks Moody Aviation Powerplant Logbook Record Municipal Airport PO Box 429 Registration: N498HP Date: 3/4/02 Elizabethton TN 37644-0429 Model: PA-32R Tach Time: 907.7 Phone: 423-543-3534 Serial Number: 3246121 SMOH: 907.7 FAA Repair Station NO. DVPR374D 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 powerplant has been inspected in accordance 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

Averitt Aviation Sparta In 18 April 2002 P4-3218 Hobbs: 957 4 N498HP W.O #RF-02-0085 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 Acit. 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 LA.W. Manufactures Service Manual. Washed Acft Engine and ground ran for leak and ops. ck. no defects noted. All A.D. complete through lapproch # 2002-07 T certify this Engine/ Prop has been Inspected TAW a Annual Inspection and found to be in an Air worthy condition. Dennis Bolin FAA CRS# N9VR08I Total 10 Carry Forward

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

Averitt Aviation

Sparta, Tn.

P4-32K N498HP

hanged Oil and Filter. Inspected Suction Screen. Cut old Filter r desiridge of propeller. Complied with 1000 hr flush of oil ts AS 100W Installed new Oil Filter PN CH48110, Cleaned, Compression Test reads as follows #1-75, #2-73, #3-70 timing LAW Manufactures Service Manual, Washed Acft ck no defects noted All A.D. complete through lapproch # been Inspected LAW a Annual Inspection and found to be in

> Demotteling Dennis Bolin FAA CRS# NOVROSI

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

Certificate No.

SERVICEABLE

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

Name Bach man Arwarks Work Order No. 76850

Inspected by Mott

Dawley Aviation

140 Industrial Dr. Burlington, WI 53105

1-800-338-5420

FAA CRS No. NJ5R069N

Date	Engine Time		Recorder	1	and Remarks	
Dule	This Date	Since Major	Reading	Maintenance		
	Brought Forward				1-8-03	Dramebail, removed ail of
10-1-02	Hobbs- 1079	completed	sohn in	sportion. Drained oil, re-	Hobbs - 1131.3	installed new Filter of
		0 0		insported. Installed new		seletial. Serviced vith
-						15 w50 ail. Grand
	,	0 /	0 8 0	100 w ail. Cloned and		Mul Whit A.
		1				////
	0	11/1	Office	4+9164464843		
10-30-02	Co	//		AD2002-20-51 by		
H-dbhs-1083,0	Con	100		Dhy Lyc SB 554 and the		
		000	, 0	STD 2209 on crankshift ypar	1	
Total To Carry Forward	***************	U	1	dox. flag gh		
				AHP 164464843		

		Commission to work the second		(2=)	2-10
Recorder Reading	Maintenance	and Remarks		Signature	Certificate No.
		1-8-03	Dramebail, removed ail	Elter, inspectal	interior,
Led Stohn is	sportion. Drained oil, re-	Hobbs - 1131.3	installad non Filter p		
	inspected. Installed new		safetial. Servical vitte		
	18 110 and serviced with		15 wso ail. Gran		
'/	100 w ail. Clooned and		Mul Whit #	of 1644648	43
ed spark p.			//////		
- R) //	A+P164464843				
	AD2002-20-51 by				
z workregen	ed by Lyc SB 554 and He				
top boltely	STD 2209 on crank shaft yper				
	ted OK. May 19h				
	AHP 164464843				

FAAFOIL

	Engine Time		Recorder		
	This Date	Since Major	Reading		Maintenance
	150 41	Bachman Air		-	
Data: 5.06	130 Air	port Rd. Elizabet	hton, TN 376	43	
Performed	03, Tach. and Total	time: 1181.5 N49	8HP		
annual/100	an annual inspection	and associated rep	airs in accorda	ncc with an	
following a	dditional items:	no the manufacture	ers service man	uals and completed the	
	on check: 1.74 /80, 2.74	1/80 3 74 /80 4 74	/80 5 73/80 6	75/90	
-Drained oil	and serviced with 12 c	uarts Aeroshell 15w	/50		
-Removed fi	lter and examined inter	nally. Installed new	filter n/n CH4R1	10 and safeticd.	
-Cleaned, ga	pped and reinstalled si	parkplugs, Installed	8 new REM38E	sparkplugs.	
-Installed ne	w magneto block to rig	tht magneto p/n K38	323.	_	
-Reinstalled	paired muffler p/n 2634	15-08 Dawley WO #	79280 to left ext	haust. esories w/o#030323669.	
-Installed ne	w rocker cover gaskets	to cyls # 1 and #2	n/n 67193	sories w/o#030323669.	
		R45	pm 07175.		
—Contineued	on next page	1343		_	
				_	
	1				
		1			
otal To					

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 Accessories W/O# 16864 and reinstalled. Complied with AD 2002-26-01 by inspection and the replacement of Acceptable Acceptable and propeller have been inspected in accordance inspection and were determined to be in airworthy condition. Neal A Bachman. 1206446443	del clamp above	

R.D. R	ELEASE CERTIFICATE 3. Form Tracking Number:	ntenance	and Remarks
	RWORTHINESS APPROVAL TAG QAA# 16864		Bachman Airworks 150 Airport Rd. Elizabethton, TN 3764 Date: 5-06-03, Tach. and Total time: 1181.5 N498HP
1 Slick Magneto 6351	(VARIOUS) 1 98041395 Repair	THE SAME OF	Date: 5-06-03, Tacht and
13. Remarks: SB1-98 500hr. Limpuls of See Attached Work Order Summary for details. (2) pages	Inspection (A0# 99-04-04)		-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 was complied with AD 2002-26-01 by inspection.
Approved design data and are in a condition for safe operation Non-approved design data specified in Block 13	19		-All AD's are in compliance to date. I certify that this engine and propeller have been inspected in according inspection and were determined to be in airworthy condition.
15. Authorized Signature: 16. Approval/Authorization N	22. Authorized Signal ve: 21. Approval/Certificate No.: OYIR334Y	7777	Neal A Bachman Tolka464843
17. Name (Typed or Printed): 18. Date (m/d/y):	Susau Ymshar 5/2/03	THE STATE OF THE S	Near All I Wall
FAA Form 8130-3 (6-02)	'Installer must cross check eligibility with applicable technical data.		
	ed above were manufactured in conformity to: and are in condition for safe operation.		
Total To Carry Forward			

wir 4)
at work,
Y
hnical data

NAME OF TAXABLE PARTY OF TAXABLE PARTY.

intenance

and Remarks		Signature	Certificate No
Bac	hman Airworks		
	d. Elizabethton, TN 37643		
Date: 5-06-03, Tach. and Total time:			The state of the s
-Continued from previous page			
Lubricated prop with Shell 6 grease.			
Complied with AD 99-04-04 by inspeadcessories W/O# 16864 and reinstall	ction and repair to left magneto by	Quality A/C	
Complied with AD 2002-26-01 by ins	spection and the replacement of Ade	el clamp above	
6 cylinder.			
All AD's are in compliance to date. certify that this engine and propeller nspection and were determined to be	have been inspected in accordance in airworthy condition.	with an annual	
leal A. Bayhman, 1906,4463643			
11/1			

	Engine Time		Recorder	AA
Date	This Date	Since Major	Reading	Maintenance
	Brought Forward			
Date 8-11-1	23 Drai	ned ail	inspected	Litte interior, Installad
ich 1230.	7 Mew	ail Filts	n p/NC	4 48110, Servical with
				15 w50 ail, Cleaned and
				Installed 2 new
	0 04		/ /	EM38E.
		41 1	- 11.0	4464843
ofe 10-31-0	3 Dried			le interner, Installed new filter pp
10669 12821	The state of the s			Acontell 15 w50, Cloud + gypal
	· ·		/	19/802-79/50 3-79/50 4-7/90 5-75/
Total To Carry Forward			15 (42)	new our f. Hr y/w 638873.

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.

-Serviced with 12 Quarts Aeroshell oil 15W50. -Completed ground test run. No leaks.

Neal Bachman A&P 164464843

-Installed new CH48108-1 filter and safetyed.

May 164464843

Major	Recorder Reading	Maintenance	and Remarks	Signature
ail, filts Aen span slugs	inspected of plugs. Shell A plugs. If A Plugs. A cil 5:4 He 11 gts.	1 f. He interior, Installad 14 48110, Serviced with 15 1050 ail, Cleaned and I retalled 2 new 3 EM38E. 446 4843 Le interior, Installed new f. Hurph Acceptell 15 w50, Cleared + gappal	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 formCompression check: 1-75/80, 2-76/80, 3-76/80, 4-75/80, 5-74/80, -Drained oil, removed filter, inspected the interiorInstalled new CH48108-1 filter and safetyedServiced with 12 Quarts Aeroshell oil 15W50Completed ground test run. No leaks. Neal Bachman A&P 164464843	
oupnes bbs (9/802-79/50 3-79/50 4-7/90 5-75/90 new oin f. Hr for 6 38873. Ment Med_ A+P 164464843		

and Remarks	Signature	Certificate No.
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 formCompression check: 1-75/80, 2-76/80, 3-76/80, 4-75/80, 5-74/9-Drained oil, removed filter, inspected the interiorInstalled new CH48108-1 filter and safetyedServiced with 12 Quarts Aeroshell oil 15W50Completed ground test run. No leaks.	/80, 6-77/80	
Neal Bachman A&P 164464843		
		The second state of

Engine Time Recorder Date: 6/29/04 HM: 1353.6 TTENG: 1353.6 Lycoming IO-540-K1G5 L-26510-48A TTPROP: 1353.6 Hartzell HC-I3YR-1RF HK328A HM: 1353.6 Performed an annual inspection in accordance with the manufactures maintenance manual and Tri-City Aviation, Inc. 100hr/Annual inspection checklist. 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. 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-----Benjamin C. Srock IA230195329

1. Approving National Aviation 2. AUTHORIZED RELEAS FAA FORM 8130-3, AIRWORTI FAA/UNITED STATES 10/5 4. Organization Name and Address PRODUCTIC TEXTRON LYCOMING 652 OLIVER STREET Tach: WILLIAMSPORT, PA 17701 8. Part Number Description LW-15473 DO32 FUEL PUMP-DUAL DIAP, HIGH PR. AIRWORTHINESS APPROVAL PARTS THIS FORM 13. Remarks TRIAD AVIATION United States Eligibilty Block 9 indicates only one of many approved models. Nume 14. Cartifies the items identified above were manufactured in conformity to: X.Approved design data and are in condition for safe operation. Cert n ar Non-approved design data specified in Block 13. 16. Approvate uthorization No. 15. Authorized Signature DMIR844023NE 18. Datelm/d/yl: 17. Name (Typed or Printed): 01/03/04 F. H. HILL JR User/Installer F It is important to understand that the existence of this document alc part/component/assembly.

Where the user/installer performs work in accordance with the nation the airworthiness authority of the country specified in Block 1, it is a airworthiness authority accepts parts/components/assemblies from airworthiness.

Statements in Blocks 14 and 19 do not costitute installation certific an installation certification issued in accordance with the national re

FAA Form 8130-3 (JUN-01)

*Installer must cross ch

Engine Time Recorder Date: 6/29/04 IO-540-K1G5 L-26510-48A HM: 1353.6 TTENG: 1353.6 Lycoming TTPROP: 1353.6 Hartzell HC-I3YR-1RF HK328A HM: 1353.6 Performed an annual inspection in accordance with the manufactures maintenance manual and Tri-City Aviation, Inc. 100hr/Annual inspection checklist. 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. 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---Benjamin C. Srock IA230195329

and Remarks			Signature	Certificate No
10/5/04	Installed new e 3/N 51984. Re	ngine driven	Fael fump F.	/W LW-15473
Tach: 1349.8	5/N 51984. Re	cotted all	feel hoses, tigh	interved cell titling
	Tightened attelle	hing botts a	nd softiel e	Sixtynd Man-ge
	0	0	Dan D. Salur	Arp 452195220

Recorder

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

HM: 1353.6 TTPROP: 1353.6

ith 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.

or left forward baffle.

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

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

It; 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 ccordance with an annual inspection and was determined to be in

> Benjamin C. Srock IA230195329

1. Approving National Aviation 2. AUTHORIZED RELEASE CERTIFICATE 3. Form Tracking Number **FAA/UNITED STATES** FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG MS- 225802 10 4. Organization Name and Address 5. Work Order, Contract TEXTRON LYCOMING PRODUCTION CERTIFICATE #3 or Invoice Number: 652 OLIVER STREET lach 51984/157582 WILLIAMSPORT, PA 17701 12. Status! Work Description 8. Part Number 9. Eligibility* 10. Qtv 11. Serial/Batch No. 6.Liem DO32 FUEL PUMP-DUAL DIAP, HIGH PR. LW-15473 10-320-D1B 00005 W0#51984 NEW See Remarks AIRWORTHINESS APPROVAL PARTS THIS FORM IS NOT AN EXPORT APPROVAL 13. Remarks TRIAD AVIATION United States Eligibilty 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 19. 14CPR 43.9 Return to Service Other regulation in Block 13 conformity to: Certifies that unless otherwise specified in Block 13, the work dentified in block 12 and described in Block 13 was accomplished in accordance with Title 4. Code of Federal Regulations, Part 43, a respect to that work, the nerse are approved for return to service X Approved design data and are in condition for safe operation. Non-approved design data specified in Block 13. 15. Authorized Signature 20. Authorized Signature 16. Approvaticuthorisation 21. Approvat/Cort Number: DMIR844023NE 22. Name (Typed or Printed): 17. Name (Typed or Printed): 18. Date(m/d/y): 23 Date[m/d/v]: 01/03/04 F. H. HILL JR

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 of the country specified in Block1, 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 Block1.

Statements in Blocks 14 and 19 do not costitute 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.

FAA Form 8130-3 (JUN-01)

Installer must cross check eligibility with applicable technical data.

S 25

1	Engin	e Time	Recorder	
Date	This Date	Since Major	Reading	Maintenance
	Brought Forward			
0/13/04	Hobbs 1403:4	Compleded	50 hr. ins	pedion as per inspection 50 hr form.
		-Drained or	1, took so	imple, open filter and inspected.
	NAME OF STREET	Installed	new oil fil	ter P/N CH48110-1 and saftial.
		-Serviced w	ith IZ gts	of Aeroshell 15050 oil.
		-Installed n	ew right 1	anding light P/N GE 4594, Ops checked
				Ar filter PIN \$ 460-632.
		-Installed n	ew ELT A	ntenna P/N 763-063.
		-Tightened a	all oilsu	imp nuts.
		O	and)	Salis
Total To Carry Forward			A+P	552,955220

Approving National Aviation Authority/Country: **AUTHORIZED REL** N498HP FAA FORM 8130-3, AIRW FAA/United States Performed Quality Aircraft Accessories Inc. (QYIR3 5746 E. Apache, Bldg. A Tulsa, OK 74115 4. Organization Name and Address: annual/100 -Compress 8. Part/Number 7. Description 6. Item -Drained o -Installed r -Serviced \ 13. Remarks: -Dressed p -CW AD99 Reinstalled -CW AD20 -AD's resea See Attached Work Order Summary for details. (pages I certify tha 14 Certifies the items identified above were manufactured in conformity to determined Approved design data and are in a condition for safe open Non-approved design data specified in Block 13 Neal Bachi Approval/Authorization No.: 15. Authorized Signature: 18. Date (m/d/y): 17. Name (Typed or Printed): FAA Form 8130-3 (9-03)

ime	Recorder	Maintenance
Since Major	Reading	Maintenance
compleded	50 hr. inspe	tion as per inspection 50 hr form
Drained oi	1, took sam	pk, open filter and inspected.
Installed 1	new oil filter	r P/N CH48110-1 and saftial.
		of Aeroshell 15W50 oil.
		ding light flav GE 4594, ops checker
Installed n	ew induction A	Ar filter PIN \$ 460-632.
		nna P/W 763-063
Tightened c	all oil sum	p nuts.
0	Ande 53	
	A+P 53	52,955220

Bachman Airworks

150 Airport Rd, Elizabethton, TN 37643

N498HP, engine s/n L-26510-48A June 16, 2005 Hobbe 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 WO#27704.

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

Recorder Reading Maintenance N498H	Bachman Airworks
Perform annual/ -Compressed oil, took sample, open filter and inspected. Alled new oil filter P/N CH48110-1 and softial. But new right landing light P/N GE 4594, ops checked But new induction Air filter P/N EM160-632. But new ELT Antenna P/N 763-063.	1. Approving National Avitation Authority/Country FAA/United States 4. Organization Name and Address: Ouality Aircraft Accessories Inc. (QYIR334Y) Phone: 1-877-833-6948 5746 E. Apache, Bldg. A Tulsa, OK 74115 Fax: 918-835-2804 6. Item 7. Description 8. Part/Number 9. Eligibility 10. Only 11. Serial/Batch Number 12. Status/Work MAGNUL O (435) (VARIOUS) 9804/395 Repair 13. Remarks: SB2-80C 500 hr. Inspection SB2-80C 500 hr. Inspection SB1-98 500 hr. Inspection SB1-98 500 hr. Impulse Inspection SB1-98 500 hr. Impulse Inspection SB1-98 500 hr. Impulse Inspection SB1-98 500 hr. Impulse Inspection SB1-98 500 hr. Impulse Inspection
And De Salvo A+P 552955220	FAA Form 8130-3 (9-03) *installer must cross check eligibility with applicable technical data.

IST-2005 WO# 20			70 0	0269 G3SR222J	
	32R-301	74 HOBBS 14	78.2		Pg 1/1
V		164	ugs (12)REM38E	checked gap and	applied
	Date				
	· ·	A			
ntry N498HP 7	Tach-1531,0	completed	oil and filter cl	hange this date	The section is
and inspected	for contamina	ants none fo	und re-serviced	d with 12qts	
50 oil and nev	v 48110 filter i	ran engine	for ops and lea	k check both	
ime. ACT	T = 1531.0				
While	Date	e 10 oct	05		
Mary 2					1000
		***************************************	19.1		
	ntry N498HP To and inspected (50 oil and new time. ACT	Date of $8-26-05$ of $8-26-$	Date of 26-05 Date of 26-05 Date of 26-05 Date of 26-05 of 26-05 Date of 26-05 Date of 26-05 Date of 26-05 Date of 27-1531.0 Date	ntry N498HP Tach-/53/, O completed oil and filter claud inspected for contaminants none found re-serviced for oil and new 48110 filter ran engine for ops and leadine. ACTT = 1531.0	of $8-26-05$ Date Of $8-26-05$ Ontry N498HP Tach- $1/5/3/1.0$ completed oil and filter change this date and inspected for contaminants none found re-serviced with 12qts $1/50$ oil and new 48110 filter ran engine for ops and leak check both time. $1/5/3/1.0$ Baker A&P417068852

and Remarks

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

William H. Curtis AP426584444IA

N498HP 2 Nov 05 tach-1546.6 Removed defective oil replaced with new valve 53E19600. Test run and ops check 6 Benjamin D. Baker AP 417068852 A/C TT = 1546.6

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

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

	and Remarks	Signature	Certificate No.
TION WAY B-5 PEACHTIREE CITY, GA 30269 G3SR222J F# 20634 HOBBS 1478.2 Pg 1/1	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. Re		
alled new spank plugs (12)REM38E checked gap and applied	william H. Curtis AP426584444IA		area engine to
3/. O completed oil and filter change this date aminants none found re-serviced with 12qts filter ran engine for ops and leak check both	N498HP 2 Nov 05 tach-1546.6 Removed defective oil coreplaced with new valve 53E19600. Test run and ops check Of Benjamin D. Baker AP 417068852 A/c TT = 1546.6	ooler bypass valve and K	
Date 10 0ct 05	N498HP 8 Nov 05 Tach- 1546.6 Performed cylinder com and time,, #1 65/80 #2 76/80 #3 75/80 #4 77/80 #5 74/80 #5 park plugs and checked mag timing. All OK Benjamin D. Baker AP 417068852 A/C 7 T = 154/6.6	6 75/80Serviced al	

- DV

Date	Engine Time		Recorder	44 .
	This Date	Since Major	Reading	Maintenance
	This Date	Since Major	Reading	

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

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

N498HP 16 Feb.06 Hobbs @ 1628.8 A/CTT 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 '06END-
due @ Hobbs time 1658.8 or May '06 ERID Benjamin D. Baker A&P Certificate # 417068852
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
lue @ 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
gine log entry for Annual Inspection. Currently installed on N-498 ake-Lycoming. Type-IO-540-K1G5. SN-L-26510-48A. Date-14 July 34.4. Completed Annual Inspection this date IAW FAR 43[a][d], a linder compression as follows: #1-78/80, #2-58/80, #3-77/80, #4

Engir

on N-498 ate-14 Ju 3[a][d], a 7/80, #4 Serviced engine with 10qts. Aeroshell 15/50 engine oil. Inspected filt 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 nirworthy at this time. Richard S. DesPortes A&P 259787531 JA. Date

Sign

ENGIN	E LOG
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r	Recorder Reading	Maintenance
Aer	ormed engine oil chang roshell 15/50 oil and in Next recommended ch 4 15	
	AFT INC. A 30165	
1 s 1590	/n 3246121 0.3	*
	85777716 and install 3. Operational checks	
630.		

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	Certificate No.
due @ Hobbs time 1658.8 or May '06END Benjamin D. Baker A&P Certificate # 417068852	
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. Replayith new Kelly #48110, and serviced engine with 12 qts Aeroshell 15/50 oil. Next recommend due @ Hobbs time 1695.1 or July '06. Removed nose tire and replaced with new Goodyear Flight custom 3, 5.00x5x6 ply tire. Service and felts. Removed left main tire and replaced with new Goodyear Flight custom 3, 6.00x6x6p Serviced bearings and felts.	led service
Benjamin D. Baker A&P Certificate # 417068852	
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. Engin 1734.4. Completed Annual Inspection this date IAW FAR 43[a][d], and all applicable service installed Cylinder compression as follows: #1-78/80, #2-58/80, #3-77/80, #4-78/80, #5-78/80, #6-77/8	structions. —
Serviced engine with 10qts. Aeroshell 15/50 engine oil. Inspected filter with no faults noted. Installed new SK-Tech starter pn-149NL. Sn-FN-230627. Installed new induction pn-460-632. Installed overhauled magnetos pn-6350 sn-06051058 (right) and 6351 sn-06040797 Installed new right side exhaust riser assembly pn-85233-10 and muffler pn-K26345-008. All sp serviced and tested. I certify this engine has been inspected IAW an annual inspection and was for airworthy at this time.	talled new air filter (left). ark plugs
Richard S. Des Portes A&P 259787531 J.A. Sign Willis J. Worter Date 6/14/06	

and the V

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.
Sign Richard & Date 6/6/0

Engine log entry for N-498HP. Date-16 July'07. Hobbs-1978.2. Perf and time with 10qts. Aeroshell 15/50 engine oil. Inspected filter with r oil filter. Run and ops check OK. Next service due at Hobbs-2008.2.

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:

AFTT: ENGINE TT:

Drained oil and removed oil filter. Cut filter and inspected. No enoted Refilled Engine with 12 qts Aeroshell 15-50 and replace

48110-1. Washed engine, Ran engine no leaks noted.

Jack Thornton A&P 260113974

N498HP. 03 Oct.'07. Hobbs-2041.7. Performed engine of Aeroshell 15/50 engine oil. Inspected filter. Installed new

Benjamin D. Baker A&P 417068852

SM

324612

-1760.1 Date-23 August '06 tion this date and time. Serviced engine with 10 qts. Aeroshell Its noted. Installed NEW Champion 48110 filter. Installed Piper no.-460-632. Checked all exterior lamps. Serviced ecommended 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

ently installed on N-498HP.

-26510-48A. Date-6 June'07. Tach-1950.0. Engine TTte 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.

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-----

DATE:

ENG:

A/C Tach:

Benjamin D. Baker A&P Certificate # 417068852

CSG AVIATION 3/26/2007 A/C Reg #: 498HP ENG S/N: Hobbs 2009.5 A/C S/N: 3246121

ENGINE TT: AFTT:

Drained oil and removed oil filter. Cut filter and inspected. No defects noted. Refilled Engine with 12 ats 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

N498HP BAY AIR FLYING SERVICE 915/2008 Tach: 2135.0	,			
	Maintenance	and Remarks	Signature	Certificate No.
Changed oil and filter with 12 quarts 20W50 Phillips X-Country. Removed and replaced CH48110-1 filter. Run up okay. No leaks.				
William Lindberg				
	FND LOG #1			
	FND LOG #1 CONTINUED IN LOG#2			-
Total To Carry Forward				