

TEXTRON Lycoming

N4718R

ENGINE LOG

1

SSP1872

TEXTRON Lycoming

Textron Lycoming/Subsidiary of Textron Inc.

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

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING 0-360-F1A6 L-27093-36A
MAKE MODEL SERIAL

FROM _____ 19____ TO _____ 19____

DETAILING TIME FROM _____ TO _____
HOURS HOURS

SSP 1872

September 1987

TEXTRON Lycoming

Reciprocating Engine Division/
Subsidiary of Textron Inc.

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

TLRED-489
(Rev. 3-93)

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming manuals. All Federal Aviation Administration Airworthiness Directives and Textron Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are either new or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: O-360-F1A6
Serial #: RL-27093-36A
Total Time: 0.0
Work Order #: A2709336A
Date Completed: 9/29/94

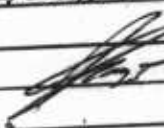
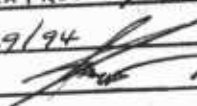
Authorized Signature S. F. Eller
Textron Lycoming Reciprocating Engine Division
652 Oliver Street
Williamsport, PA 17701
Repair Station: EJ1R115K

Mfgr. T
Type
Rated H
Rated R
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Propelle
Blade C
Max. H
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Name
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ENGINE DESCRIPTION

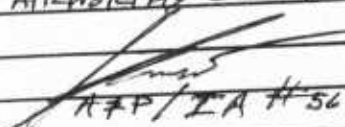
Mfgr. TEXTRON LYCOMING	Place Williamsport, PA 17701	Date	
Type	Model	Serial No.	
Rated H.P.	Max.H.P.	Weight (Dry)	
Rated R.P.M.	Max. R.P.M.	Oil Pressure	
Bore	Stroke	Displacement	Cu. In.
Compression Ratio	Supercharger Ratio		
Reduction Gear Ratio			
Propeller	Hub Design	Hub Serial No.	
Blade Design	Blade Serial No.	Blade Serial No.	
Max. Hub H.P.	Max. Blade H.P.		
Pitch	Diameter	Length	
Name			
Address			

ENGINE LOG SERIAL No. RL-27093-36A

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
3/24/95	36	36	REQUIRED S/B NO 518A TO BE C/W (INSPECTION OF THERMOSTATIC BYPASS VALVES) C/W S/B NO 518A PER TEXTRON LYCOMING * OPS CKD ENG. FOR LEAK OK.		A&P 56437192
4/5/95	41	24	THIS ENG. S/N RL-27093-36A NO EFFECT WITH AD 95-07-01 (ROD BOLTS) DUE TO THIS ENG. WAS OVERHAUL BY TEXTRON LYCOMING PER SERVICEABLE TAG NO 33664 DATE: 9/29/94		A&P 564377192

	Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
	Brought Forward	
	Total to Date	

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
10-8-95	48	42	TACH TIME: 2548.5 HOBBS TIME: 99.7 REPLACED AIRCRAFT BATTERY P/N CR24-11M 24VOLT AND C/W 50 HR ENG. INSPECTION, CHANGED OIL AND OIL FILTER (OIL MOBIL AVIATION OIL 100% SYNTHETIC 20W-50) AND OPS CKD PER 172 RG SERVICE MANUAL AND DETERMINED TO BE IN AIRWORTHY CONDITION.		

AIP/IA #564377192

	Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
	Brought Forward	
	Total to Date	

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			NEW AIR FILTER ELEMENT. ADDED 1qt Δ/s W100 50WT OIL. WASHED & RAN ENGINE. INSTALLED OVERHAULED DRY AIR PUMP P/N 211CC, 9/N 25D 259		
			This Engine/Aircraft/Component has been inspected in accordance with a <u>ANNUAL</u> inspection and is determined to be in airworthy condition. Partment Detail are on file at this agency under work order no. <u>8100</u>		
			Signature: <u>Randall Estro</u> BASIN AVIATION Midland Air Park Midland, Texas		
			FAA Approved Repair Station #G1WR500E All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
		Page Total			
		Brought Forward			
		Total to Date			

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
JAN 97			TACH 0114.7 TOTAL 174.6 COMPLETED ANNUAL INSPECTION THIS DATE. CHANGED OIL & FILTER. SERVICED W/ AEROSHELL W100 OIL. CLEANED AND GAPPED SPARK PLUGS. COMPRESSION: #1 17/80 #2 17/80 #3 16/80 #4 18/80. INSTALLED NEW INDUCTION AIR FILTER, P/N BA-5805. CHECKED APPLICABILITY OF LYCOMING S/B. 5186 THERMOSTATIC BYPASS VALVE INSPECTION/REWORK AND FOUND NON-APPLICABLE TO INSTALLED VALVE DUE TO SERIAL NUMBER. AD. 95-26-02 D/A PER AIRCRAFT REGISTRATION NO. AD. 96-09-106 D/A PER S/N & OVERHAUL. WASHED AND RAN ENGINE.		

DATE

14 JAN 97

(CONT'D NEXT PAGE)

		Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
		Brought Forward	
		Total to Date	

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
14 JAN 97			This Engine/Prop/Component has been inspected in accordance with a <u>Annual</u> inspection Details are on file at this agency under work order no. <u>8531</u> Signature: <u>Randall Carter</u> EASTMANVILLE, OH Midland Air Park Midland, Texas FAA Approved Repair Station #PGYWR560E		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
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ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
3-6-98	TACIT		178.2 CHANGE OIL, CUT FILTER SERVICE WITH AEROSHELL 100WT CLEAN & GAP SPARK PLUGS, COMPRESSION ABOVE 60/60 - C/W ALL APPLICABLE AD & BURELLYS THROUGH 98-05 See LISTING: DETAILS ON FILE 7574 I certify that this engine ^{engine} has been inspected in accordance with a <u>ANNUAL</u> inspection and AIRCRAFT T.T. 2737.9 was determined to be in airworthy condition. <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <u>3-6-98</u> Date <u>238.1</u> Time in service </div> REPAIR STATION ALFR-716E _____ Mechanic's Signature McCree Aviation Co. _____ Total to Date		

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

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
12-23-99	2	30.7	Drained oil & ^{replaced} filter. Installed new oil filter & installed Aerosol 10010. Installed new oil temp probe due to faulty sensor. Test Pan OK for severe maintenance #4417231404		

Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
Brought Forward	
Total to Date	

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
12/19/00	2	46	Tach 400.0 H/hrs Replace all int. pipe gaskets at cyl's with new Ops check satisfactory	APPROVED FOR RETURN TO SERVICE <i>James W. Smith</i> PENSACOLA AVIATION CENTER, INC. Regional Airport, Pensacola, FL Repair Station KRTR005E W.O.# 7765	

		Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
		Brought Forward	
		Total to Date	

3-12-01 N4718R Cessna 172RG S/N: 0015 Tach: 267.7

DA

Changed oil and filter. Inspected filter for contaminants. None found. Installed 8 qts. Aeroshell W100 and a CH48110 oil filter. Washed engine down and test ran aircraft. No leaks found.

LICENSE
NUMBER

Malcolm McNabb
A&P 441723140



McNabb Aircraft, Inc.
405 S. Minnesota Ave.
Brownsville, TX. 78521

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

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ENGINE



LICENSE
NUMBER

5-18-01 N4718R Textron Lycoming 0-360-F1A6 S/N L-27093-36A Tach: 267.8 ETT 327.70

100 hr. inspection completed this date. Performed routine maintenance. Removed and replaced induction air filter. Checked magneto timing. Cleaned, gapped and tested spark plugs. Compressions 78 or better on all cylinders. Washed engine down. Ground ran and leak checked OK. Complied with all applicable AD's through date. All work done in accordance with FAR 43 APP D, Cessna inspection chart and Lycoming maintenance manual. OK for return to service. I certify that this aircraft engine has been inspected in accordance with a 100 hr. type inspection and was determined to be in airworthy condition.

Malcolm McNabb
A&P 441723140

McNabb Aircraft, Inc.
405 S. Minnesota Ave.
Brownsville, TX. 78521



ement
Rating
own.

NE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
5/23/02	28	60	THIS ^{ENGINE} HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION & FOUND TO BE IN AIR WORTHY CONDITION.		
TSMMH	36	2			
8-24-02	2	6	Installed overhauled vacuum pump 215 CC SN A5751		
			Installed overhauled Alternator SN 1072417		
			Installed new alternator BOLT Malvernville Ap#41723100		
2902	2	6	Oil & Filter Change Malvernville Ap#41723100		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

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01/01
03/19
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ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
2003					
01/04	300	4	O.I. & Filter Change		A77462721386
03/19			Removed & Replaced O.I. Bolts. Raw Aircraft! looks OK		A77462721386
<p>N4718R Cessna 172RG S/N 172RG0015 Tack - 339.0 3-1-03</p> <p>Checked mag timing OK. Cleaned & gapped spark plugs. Compression checked engine 1-75/80 2-72/80 3-62/80 4-77/80. Cut open oil filter & inspected OK. Installed new CH48110 oil filter. Installed new CHT probe p/n S2334-3. Run up checked OK.</p> <p style="text-align: right;"><i>J. [Signature]</i> A77440053</p>					
Total to Date					

Paul Fournet Air Service Inc.
 FAA Approved Repair Station HFBR633E
 Lafayette, LA (337) 237-0520
 LOG BOOK ENTRY

and Certificate Number MUST

ENGINE LOG

DATE	TACH.	LICENSE NUMBER	DATE
05/23/03	370.4	N4718R	
COMPLIED WITH ANNUAL			
05/23/03	TACH: 370.4	N4718R	6- TAC 406 SF1
COMPLIED WITH ANNUAL INSPECTION AND ROUTINE MAINTENANCE THIS DATE. OIL AND FILTER CHANGE, CHECK MAG TIMING AND MAG HARNESS. CLEANED, GAPPED AND PRESSURE CHECK SPARK PLUGS. COMPRESSION CHECK #1 76/80 #2 76/80 #3 70/80 #4 70/80 . CHECKED A.D.'S THRU ISSUE 2003-8 ON ENGINE AND ACCESSORIES. REPLACED AIR FILTER, DRAINED CARB BOWL AND MAIN FUEL SCREEN. OPS. CHECK OKAY. CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.			
 DANIEL PEREZ 462721386 I.A. HUNT PAN AM AVIATION, INC.			ement Rating wn.

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
6-2-2004			checked mag timing & mag drop Tach 405hr cleaned spark plugs-replaced Hobbs 501.1hr top plug No 3 cyl. w/ champion SFRM 405hr REM 3BE - Lubricated engine controls - inspected induction system checked compression		
No 1	75/100	#2 75/100	#3 72/100	#4 72/100	I Certify that this <u>engine</u> has been inspected in accordance with an <u>annual</u> inspection and was determined to be in an airworthy condition <u>David A. Hord</u> A&P IA #458-72-7470
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
2-19-2004			OIL & Filter changed this date Phillips 20w50 cut filter for inspection RAN UP for leak check		

DATE

6-

Tach

Hobby

SFRM 4

George Lovell A&P I A 458727470

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

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
August 24, 2006	4	58	changed engine oil & filter Phillips xC20W50		
FRM	4	58.0	inspected induction system & lubricated engine controls, checked engine compression mag timing & mag drop.		
1 st	4	80	2 75/80 3 75/80 4 74/80	I Certify that this <u>engine</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in an airworthy condition. <i>Deyl H. Howell</i> A&P-IA #458-72-7470	
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

DATE
2007
5-25-0

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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
2007					
5-25-07	5	30	<p>ENGINE TROUBLE SHOOT ROUGH ENG. REPLACED (N)</p> <p>LOWIER SPARK PLUGS WITH SERVICABLE PLUGS.</p> <p>CHECKED MAG TIMING FOR 25° BTDC.</p> <p>REPLACED (N) ROCKER COVER GASKETS, RAN ENGINE FOR OP'S CHECK AND LEAK DETECTION.</p> <p>NO LEAKS NOTED THIS TRIP.</p> <p><i>[Signature]</i></p>		

	Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
	Brought Forward	
	Total to Date	

ENGINE LOG SERIAL No. _____

DA

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
2007					
20	5	20	OIL REPLACED WITH (8) QTS EXXON EE AGET ENG OIL FILTER CHANGED. FILTER CLEANED & IMP. FOR CONTAMINANTS, NO MAJOR CONTAMINANTS FOUND THIS TIME. REPLACED "O" RING ON OIL QUICK DRAIN, CLEANED ENG, RAN ENG FOR LEAK CHECKS, NO LEAKS NOTED THIS TIME. <div style="text-align: right; margin-top: 10px;"> <i>Don Williams</i> AEP42487421 </div>		

9-25
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 (2) 75
 (3) 74
 (4) 76

		Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
		Brought Forward	
		Total to Date	

DATE 2007

Service Bulletins, Letters,
Instructions & A D Notes

9-25-07

TACH READS 550 - SERVO-550 HOBBS READS 20.5 ^{HRS}

THIS ENGINE INSP IN THE SCOPE & DETAIL OF FAR 43 APPENDIX "D" AND THE PERTINENT
MFG'S SERVICE INSTRUCTIONS. FUEL & OIL SCREENS INSP & CLEANED. PLUGS CLEANED, INSP, AND
GAPS RESET TO .018". MAG TIMING CHECKED FOR 26° BTDC. CARB FUEL/AIR MIXTURE
ADJUSTED. ALL ENG CONTROLS INSP & LUBED. ENGINE & LOWER COOLING, THROU, W/ BY
CLEANED. ENG RAN FOR OP'S CHECK AND OIL LEAK DETECTION. (NO LEAKS OF
SIGNIFICANCE NOTED THIS INSP. AID^s RESEARCHED FOR COMPLIANCE THROUGH THIS DATE.
FINAL TACH & HOBBS AFTER ENG RUN 550.1 TACH 21.1 HOBBS.

ENGINE COMPRESSION

IN POT 80 P.S.I.

# (1) 74	NORMAL OIL SCREENS OKT 21.1
# (2) 75	
# (3) 74	
# (4) 76	

I CERTIFY THAT THIS ENGINE HAS BEEN
INSPECTED IN ACCORDANCE WITH AN ANNUAL
INSPECTION AND WAS DETERMINED TO BE
IN AIR WORTHY POSITION THIS DATE 9-25-07.

[Signature] AT424485421 A&P

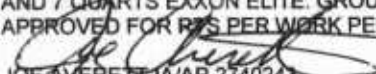
1 JULY 2008

N4718R

TACH 648.80

Letters, Notes

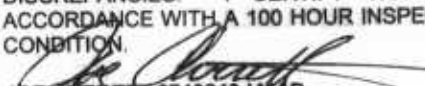
COMPLETED OIL AND FILTER CHANGE. SERVICED ENGINE WITH NEW AA48110-1 FILTER AND 7 QUARTS EXXON ELITE. GROUND RUN REVEALED NO DISCREPANCIES. AIRCRAFT APPROVED FOR RTS PER WORK PERFORMED.


JOE AVERETT IA/AP 2740243
AVERETT AIRCRAF 1 OCT 2008
(225)356-9100 S/N L-27093-36A

N4718R

TACH 680.75
TTE 740.60

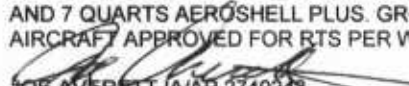
PERFORMED 100 HOUR INSPECTION. COMPRESSIONS TEST #1 74/80, #2 73/80, #3 20/80, #4 75/80. REPLACED #3 CYLINDER WITH NEW ASSEMBLY P/N 05K21104. REPLACED SPARKPLUGS. DRAINED OIL AND INSPECTED FILTER - NO DEFECTS NOTED. SERVICED ENGINE WITH 7 QUARTS AEROSHELL W 100 MINERAL OIL AND NEW FILTER. LUBRICATED CONTROLS. CHECKED MAGNETO TIMING. GROUND RUN REVEALED NO DISCREPANCIES. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.


JOE AVERETT 2740243 IA/AP
AVERETT AIRCRAFT SERVICE, LLC
225-356-9100 15 MARCH 2009

N4718R

TACH 689.50

COMPLETED OIL AND FILTER CHANGE. SERVICED ENGINE WITH NEW AA48110-1 FILTER AND 7 QUARTS AEROSHELL PLUS. GROUND RUN REVEALED NO DISCREPANCIES. AIRCRAFT APPROVED FOR RTS PER WORK PERFORMED.


JOE AVERETT IA/AP 2740243
AVERETT AIRCRAFT SERVICE, LLC
(225)356-9100

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AVERETT
(225)356-

1 DEC 2009
S/N L-27093-36A

N4718R

TACH 780.60
TTE 840.45

ters,
Notes

PERFORMED 100 HOUR INSPECTION. COMPRESSIONS TEST #1 76/80, #2 75/80, #3 77/80, #4 76/80. CLEANED AND GAPPED SPARK PLUGS. DRAINED OIL AND INSPECTED FILTER - NO DEFECTS NOTED. SERVICED ENGINE WITH 8 QUARTS AEROSHELL W100 PLUS OIL AND NEW AACH48110-2 FILTER. LUBRICATED CONTROLS. CHECKED MAGNETO TIMING. GROUND RUN REVEALED NO DISCREPANCIES. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

JOE AVERETT 2740243 IA/AP
AVERETT AIRCRAFT SERVICES, LLC.
225-356-9100

2-21-10 TACH 807.0 Changed oil & filter, 8qts A/S W100 Plus and CH48110-2 filter. Washed engine, ran and leak checked good.
Dunn/AP 3201770

3-18-10 TACH 835.8 Changed oil & filter, 9qts A/S W100 Plus and CH48110-1 Filter. Repaired RH mag ground lead. Washed engine, ran and leak checked good.
Dunn/AP 3201770

4-16-10 TACH 861.4 Changed oil & filter, 9qts A/S W100 Plus & CH48110-1 filter.
Ran eng leak CK. good. Dunn/AP 3201770

TEXTRON Lycoming

Reciprocating Engine Division/
Subsidiary of Textron Inc.

652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/321-6181

Innovative
TURBINE AIRCRAFT SOLUTIONS

Date: 08/20/10 Reg. No. N4718R Ser. No. 172RG0015
Tach: 873.2 T.T.:

Engine s/n L-27093-36A

1. Changed oil and filter, inspected filter no contamination found.
Serviced with Aeroshell 100W Plus.



Rick Heimbeck A&P# 2578732