

**TEXTRON** Lycoming

BENGINNIE LOG



SSP-1872-1

# TEXTRON Lycoming

Reciprocating Engine Division/  
Subsidiary of Textron Inc.

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

ENGINE SERIAL NUMBER

1-80534.407

IN SERVICE DATE

4-18-97

ENG. TT.

2031.0

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

# **TEXTRON** Lycoming

Reciprocating Engine Division /  
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

0-540-J3C5D

L-20534-40A

MAKE

MODEL

SERIAL

FROM \_\_\_\_\_ 19 \_\_\_\_ TO \_\_\_\_\_ 19 \_\_\_\_

DETAILING TIME FROM \_\_\_\_\_ TO \_\_\_\_\_

HOURS

HOURS

SSP 1872-1

October 1994

# **TEXTRON** Lycoming

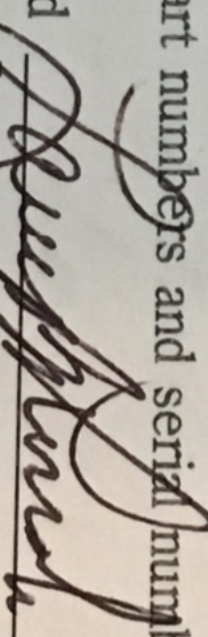
Form No. 365

Reciprocating Engine Division/  
Subsidiary of Textron Inc.

652 Oliver Street  
Williamsport, PA 17701 U.S.A.  
717/327-7308

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming Overhaul Manual. 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. All accessories Form ET001 for applicable accessory part numbers and serial numbers. Refer to enclosed

Engine Model: 0-540-J3C5D  
Serial #: L-20534-40A  
Date: 04/21/97  
Total Time: 2031.0  
Work Order #: A-5246

Signed   
Textron Lycoming Service Center  
Williamsport Lycoming Co. Airport  
Montoursville, PA 17754  
Repair Station: ED1R109K

**"CORRECTED"**

# SERVICEABLE PART

Manufacturer ..... **Textron Lycoming** .....  
Part Name ..... **Engine** .....  
Model ..... **O-540-J3C5D** .....  
Part No. ....  
Serial No. .... **L-20534-40A** .....  
.....  
Remarks ..... **Overhauled** .....  
.....

The aircraft engine or accessory identified above was:

- Remanufactured/Rebuilt
- Overhauled
- Repaired

and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to Service.

Work Order . **A-5246** ..... Date **03/12/97**

Signed *Richard B. Hoffman* .....

**Textron Lycoming Service Center  
Repair Station Number ED1R109K  
Williamsport/Lycoming Co. Airport  
Montoursville, PA 17754**

**REPAIR STATION  
ED1R109K**

Form 2085

**No 11551**

ENGINE LOG

Date

O/H. Installed same governor after O/H, see New England Prop W.O.# CR-21328.

Installed new oil filter, P/N CH48103, torqued and safetied. Serviced engine with 8 qts. Aeroshell 100 Mineral oil.

Installed new alternator belt, P/N S1597-1-37.5, and adjusted belt tension.

Installed new engine baffle, P/N 1755019, and secured.

Installed new manifold pressure line, P/N R221604, and line fittings, P/N

S1497-4.

Installed all new flexible oil, fuel and vacuum hoses on engine, see F.W.O.# 96-575 for hose P/N's.

Adjusted eng. oil pressure and max. RPM to specs. as required.

Performed ground run, operational and leak checks, no defects noted.

All work performed IAW Cessna R182 Series Service Manual and

Textron Lycoming Direct Drive Models Overhaul Manual. This engine is

approved for return to service for work performed under F.A.S. W.O. # 96-575.

SIGNED

*David J. Allen*

CRSXFRR113L

License Number

FIRST AVIATION SERVICES, INC.  
TETERBORO, NEW JERSEY

IT IS CERTIFIED THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A annual INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION.

4-18-97

DATE

*David J. Allen* CRSXFRR113L

AUTHORIZED SIGNATURE

# ENGINE LOG

Serial No.

Date

Hrs

Time

**FIRST AVIATION SERVICES**  
111 INDUSTRIAL AVE.  
TETERBORO, NJ, 07608-1037

Signature

License  
Number

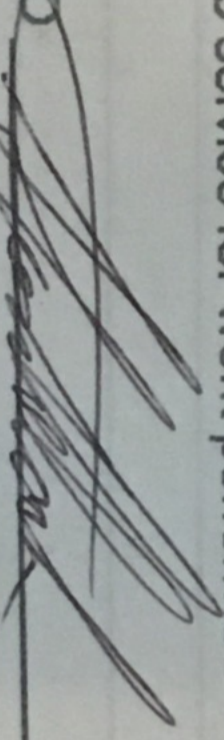
7-31-97

N4873R

A/C S/N R18200616

Hobbs: 23.0

Adjusted engine idle speed and idle mixture IAW Cessna R182 Maint. Manual. Performed engine run up, no defects noted. This engine is approved for return to service for work performed under F.A.S. W.O. # 97-391.

SIGNED 

CRSXFRR113L

Page Total

Brought Forward

Total to Date

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

# ENGINE DESCRIPTION

Fig. TEXTRON LYCOMING

Place Williamsport, PA 17701

Date 3-12-97

Type O-540-J3C50

Model

Serial No. L-20534-40A

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



# FIRST AVIATION SERVICES

ENGINE 111 INDUSTRIAL AVE.

TETERBORO, NJ, 07608-1037

Serial No.

Date	F

4-18-97

N4873R

S/N R18200616

Tach: 2031.0

Hobbs: 1782.2

CMW annual engine insp. IAW Cessna Model R182 Series Service Manual. Cleaned and lubed engine as required.

Removed engine, M/N O-540-J3C5D, S/N L-20534-40A, and sent out for factory O/H. Installed same engine after O/H, see Textron Lycoming W.O.# A-5246, using 4 new engine mount isolators, P/N J9613-12, and bolts, P/N AN7-34A, torqued all bolts to specs. Note: New TCM dual magneto, P/N LW785126-105, S/N L189624G, installed at eng. overhaul.

Removed engine mount, P/N 2251000-18, S/N K3867, and sent out for O/H. Installed same mount after O/H, see Kosola & Associates W.O.# 23867, using 4 new bolts, P/N AN6-27A, torqued all bolts to specs.

Removed propeller, P/N B2D34C214/90DHB-8, S/N 792523, and sent out for O/H. Installed same prop after O/H, see New England Prop W.O.# CR-21327, torqued prop bolts to specs. and safetied.

C-O-N-T-I-N-U-E-D

# ENGINE LOG

Serial No. \_\_\_\_\_

DATE

19\_\_

RECORDING

TACH TIME

TODAYS FLIGHT

TOTAL TIME IN SERVICE

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

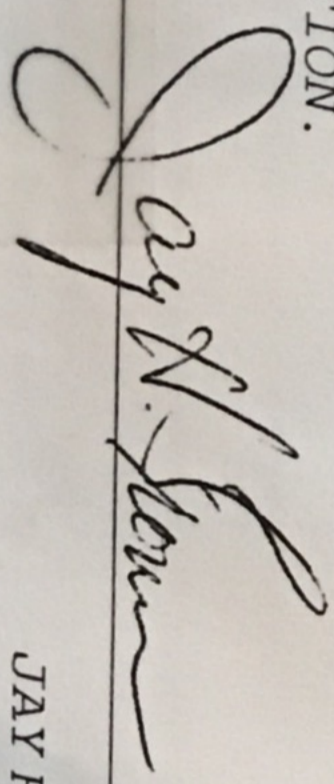
SOUTH FLORIDA AIRCRAFT  
240 SW 34TH STREET  
FT. LAUDERDALE, FL 33315  
FAA APPROVED  
REPAIR STATION KD4R306M

DATE: 8/06/97  
ACFT. REG.: N4873R  
SERIAL NO.: R18200616  
WORK ORDER: 8187  
TOTAL TIME: TACH: 2062.7

## ENGINE LOG ENTRY

CHANGED OIL AND FILTER. SERVICED WITH 8 QUARTS OF AEROSHELL 100 MINERAL OIL. ENGINE OPERATIONALLY AND LEAK CHECKED OK. DETAILS ON FILE UNDER THE ABOVE WORK ORDER AT THIS REPAIR STATION.

*This Entry Copied from  
Ais Same log book where  
this was placed in errors.*



JAY H. FROMMER  
CRS. KD4R306M

# ENGINE LOG

Serial No. \_\_\_\_\_

License Number

Date

REPAIRS AND MAINTENANCE SERVICE RECORDS  
**FIRST AVIATION SERVICES**  
111 INDUSTRIAL AVE.  
TETERBORO, NJ, 07608-1037

10-13-97

ENGINE LOG

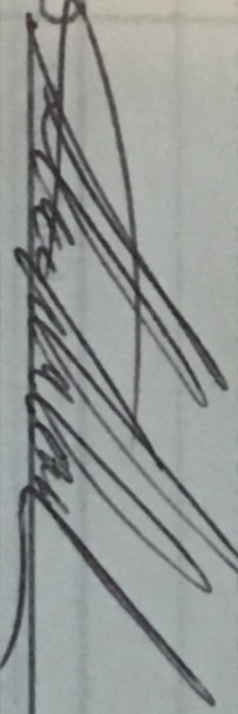
N4873R

Engine S/N: L-20534-40A

Tach: 2089.9

Ran engine. Drained engine oil and removed filter. Installed new oil filter P/N CH48103, torqued and safetied as req'd. Serviced engine to full with 8 qts. Aeroshell 15w/50 oil. Performed maintenance run, no leaks noted. This engine is approved for return to service for work performed under F.A.S. W.O. # 97-528.

SIGNED



CRS # XFRR113L

Brought Forward  
Total to Date

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

# ENGINE LOG

Serial No. \_\_\_\_\_

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7/10/98					
TACH:	2092.8		CR'D ENG. COMPRESSIONS: #1 72/80 #2 71/80 #3 72/80		
	#4 78/80		#5 76/80 #6 78/80, CHANGED ENG. OIL AND OIL FILTER,		
			SERVICED ENG. WITH TOP AEROSHELL 15W50, REPLACED		
			CARB. AIR FILTER, CLEANED AND CR'D SPARK PLUGS, CR'D		
			EXH. SYS. AND HEAT VALVES CR'D MAGS AND MAG		
			TUNING, CR'D ALL ACCESSORIES, CR'D ALL HOSES,		
			LINES, WIRES AND CARBES, CR'D ALL CONTROLS FOR		
			PROPER RIGGING AND OPERATION, CR'D FOR		
			CURRENT A. D. NOTES, LUBE AS REQUIRED		
Page Total					
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Total to Date					

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

CONT. NEXT PAGE

# ENGINE LOG

Serial No. \_\_\_\_\_

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			<p>I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DE-TERMINED TO BE IN AIRWORTHY CONDI-TION. DATE: <u>7/19/98</u> TACH. HRS. <u>2092.8</u> MECH. <u>[Signature]</u></p> <p>CERT <u>146465374</u> <u>INA</u> WO # <u>898</u></p>		

Page Total

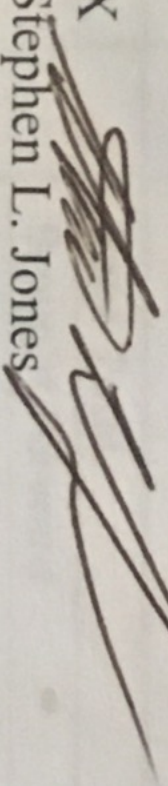
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Total to Date

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

# ENGINE LOG

Serial No. \_\_\_\_\_

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9/9			D&K AVIATION INC. ENGINE S/N L-20534-40A	REPUBLIC AIRPORT 07/06/99	FARMINGDALE, NY 11735 ENGINE TT: 2121.8 ENGINE TTSMOH: 0090.8
			ENGINE LOG ENTRY		
			Accomplished a 100 HOUR INSPECTION in accordance with FAR43, Appendix D. Performed a cylinder compression check and obtained the following results: 1) 72 /80, 2) 74 /80, 3) 74 /80, 4) 72 /80, 5) 76 /80, and 6) 74/80. Drained engine oil and obtained an oil sample for analysis. Removed oil filter and inspected the filter for metal contamination with none noted. Serviced engine with Aeroshell 15W50 oil and installed a new oil filter. Performed a satisfactory ground run and leak check.		
			This engine is approved for return to service with respect to the above repairs.		
			X 		
			Stephen L. Jones		
			A&P557926138		

# ENGINE LOG

Serial No. \_\_\_\_\_

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7/27/00					
TACH:	2190.80		CR'D ENG. COMPRESSIONS: #1 77/80 #2 77/80 #3 78/80		
	#4 78/80		#5 78/80 #6 79/80, CHANGED ENGINE OIL AND OIL		
			FILTER, SERVICED ENG. WITH 8AT OF APPROX 15W 50 OIL,		
			CR'D EXH. SYS. AND HEAT MUFFS, CLEANED + GAPPED SPARK		
			PLUGS, CR'D MAGS AND MAG TIMING, REPLACED INDUCTION		
			AIR FILTER, CR'D CARB + AIR BOX, CR'D ENG. CONTROLS		
			FOR PROPER DRIVING AND OPERATION, RERIGGED CONTROL		
			FLAP CONTROL AND INSTALLED STAND-OFF TO SUPPORT		
			CABLE, CR'D ALL ACCESSORIES CR'D PROP, CR'D ACC		
			Page Total		
			Brought Forward		
			Total to Date		

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

# ENGINE LOG

Serial No. \_\_\_\_\_

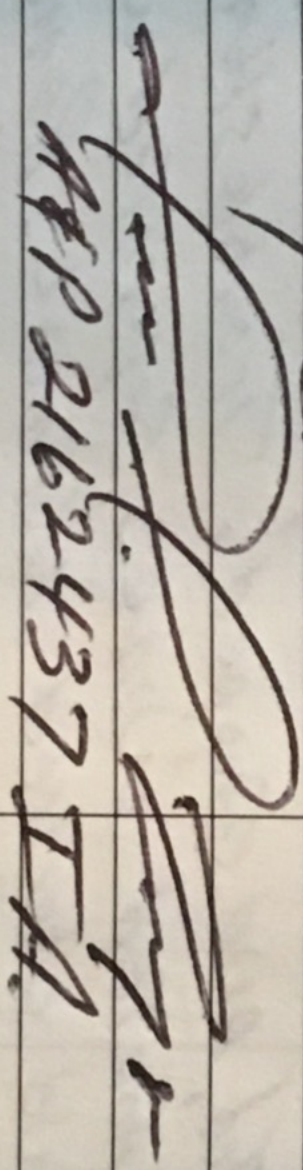
Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			<p>WIRE, CABLES, HOSES, AND LINES, CRIP FOR CORRECTION</p> <p>A.J. NOTES, LUBED AS REQUIRED</p> <p><b>I CERTIFY THAT THIS ENGINE HAS</b></p> <p><b>BEEN INSPECTED IN ACCORDANCE WITH</b></p> <p><b>AN ANNUAL INSPECTION AND WAS DE-</b></p> <p><b>TERMINED TO BE IN AIRWORTHY CONDI-</b></p> <p><b>TION. DATE: 7/22/00 TACH. HRS. 2190.80</b></p> <p><b>MECH. [Signature]</b></p> <p><b>CERT. 1464693941A WO # S 1938</b></p>		
			Page Total		
			Brought Forward		
			Total to Date		

All 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			
7-6-01			Cont from last page - I certify that this the engine has been inspected in accordance with the manual for the inspection and found to be in satisfactory condition.  APP 2162437 ID		
			Page Total		
			Brought Forward		
			Total to Date		

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

# ENGINE LOG

Serial No. \_\_\_\_\_

Date



704-359-5230

5400 AIRPORT DR. CHARLOTTE, NC, 28208

N4873R

CESSNA R182

R18200616

TASH

25309.6 6/26/01

Registration#

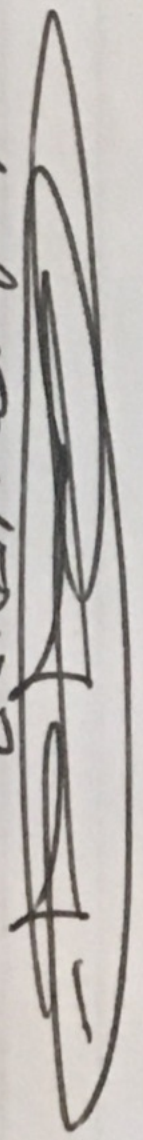
Model#

S/N:

Total Time:

Date

-Drained oil, removed & out open filter for inspection with no findings. Installed, torqued & safetied a new CR48103 oil filter. Serviced engine w/ 88ts w/ Aeroshell w100. No leaks noted after run-up.

  
TASH 582450137

Signature

License Number

Indorsement of a Rating and Town.



# Shakalis Aviation Services

Republic Airport

Farmingdale, NY 11735

Tach/H.M.

2391.9

Date

REG#

14873R

S/N

LOG SUPPLEMENT

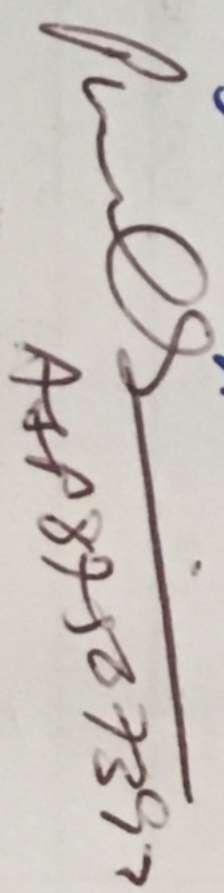
Date

11/9/01

MD

ENGINE/AIRFRAME

Replaced Alternator with overhauled unit by  
Electrosystems P/N DOFF10300B S/N B100682.  
Run-up and electrical check good. Approved for  
return to service.

  
AA8989587397

Signature

License Number

Consent of a  
ing and  
n.



# ENGINE LOG

Serial No. \_\_\_\_\_

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
8/1/63					
Tach 2387			Compression check as follows Cyl. #1 $\frac{78}{80}$ #2 $\frac{78}{80}$ #3 $\frac{78}{80}$		
SMOH 356			#4 $\frac{74}{80}$ #5 $\frac{74}{80}$ #6 $\frac{74}{80}$ . Dained oil. Replaced oil filter Added 8 qt of Aeroshell 15W-50. Cleaned gapped and tested all spark plugs. Replaced air filter. Checked fuel screens AD96-12-07 impulse coupling due 2531. Tightened all nuts cover screws. Washed engine. Run-up and lead check good. Approved for return to service.		
				<i>[Signature]</i>	
				AP 87507397	
			Page Total		
			Brought Forward		
			Total to Date		

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

# ENGINE LOG

Serial No. \_\_\_\_\_

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6/18/04	2	39	Drained oil. Replaced oil filter. Added 8 qts of Amsoil 15w-50 oil. Lubed engine. Lubed carbs. Run up and let check over. Approved for return to service. Dan Bell 8115683997		
Page Total					
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Total to Date					

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

# ENGINE LOG

Serial No. \_\_\_\_\_

Da

ENGINE MODEL:  
O-540-J3C5D  
ENGINE S/N: L-20534-40A  
REG. NO: N4873R  
WORK ORDER:  
2009-08-2004

Ron's Aircraft Service, Inc.

Repair Station No. RJUR641K  
2810 Perimeter Road, Suite 101  
North Las Vegas, NV 89032  
Phone: 702-646-6191

DATE: 9/1/2004  
A/C TSN: 2419.3  
ENG TT:  
TSMOH: 388.3  
TACH: 2419.3

## Engine Entries

Compression checks 1. 72/80, 2. 74/80, 3. 74/80, 4. 69/80, 5. 72/80, 6. 70/80 .... Changed oil and filter. Torqued and safetied oil filter. Service engine with Aeroshell 15W50. Ground operational and leak checked okay.... Reset right magneto internal timing by adjusting points to proper timing.... This Engine has been inspected as part of an Annual/100 hour inspection using aircraft mfg. checklist and was determined airworthy.

DATE: 9/1/2004

SIGNED:

Work Order: 2009-08-2004

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



Serial No. \_\_\_\_\_

Date: 5-1-06

Reg.# N4873R

Make R182

Ser.# R18200616

Tach 2461.6

T/Teng. 2461.6

SMOH 430.6

Signature

License Number

Date	Time	
	Hrs	Mins

Engine Log Book Entry

Changed oil and ES48103 oil filter, inspected old filter and suction screen No metal found. Serviced engine wit 8 Qts AS-15W50 oil. Cleaned gaped and tested spark plugs. Compression test carried out #1, 68. #2, 76. #3, 75. #4, 72. #5, 72. #6, 75.

Engine run Ops and leak test carried out OK..

AD's Checked thru 2006-07.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION ON THIS DATE, 5-1-06

John Thomson A&P 2415210 IA.

*[Handwritten Signature]*

For the Endorsement of a

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

Total to Date

Miller Aviation, Inc

605 SW 77th Way Hanger #1

Pembroke Pines, FL 33023

Date

N4873R

Tach: 2467.7

ETT: 2475.8

SMOH: 444.8

9-1-07

Engine Model # O540-J3C5D

S/N: L-20534-40A

Engine cleaned & ground ran to operational temperatures for operational checks. Inspected & lubed all engine controls. Inspected all Fuel/Oil lines for proper routing, security & Leakage. Removed all primer Nozzles from cylinders, cleaned Nozzles, installed & tested. Drained oil & removed oil filter, complied w/ Lycoming SB 480E, Oil Filter cut opened & inspected for debris & metal contamination, no metal found. Oil Sample taken this date. Serviced engine w/ 8 qts Aeroshell 100 Plus & installed new oil filter CH48111-1. Oil Screen cleaned, inspected & installed. Removed all Spark plugs, cleaned, inspected, gapped, tested & installed. Performed compression ck: #1 79/80, #2 78/80, #3 78/80, #4 77/80, #5 78/80, #6 79/80. Magneto removed for compliance w/ AD 05-12-06 Riveted or Snap Ring Impulse Coupling, installed Magneto Model D6LN-3000, S/N L189624G w/ new gasket, Next Due: 2967.7 TTAF. Set & checked magneto timing. Fuel Servo drained, screen removed, inspected, cleaned & installed. Starter inspected & lubed w/ Silicone spray. Exhaust & Induction system inspected for security & leaks. All electrical cables & wiring inspected. Installed new Alternator Belt P/N S1597-5-37.5. Tightened all Rocker Covers screws. AD 05-19-11 not Applicable, AD 05-26-10 Not Applicable by Part No installed. AD 06-06-16 Crankshaft Replacement, Not Applicable by Serial No installed. AD 06-10-21 ECI Connecting Rods & AD 06-12-07 ECI Parallel Valve Cyl Assy, Not Applicable by Parts installed. AD 06-20-09 Crankshaft Retirement, Not Applicable by Engine & Crankshaft Serial No's installed. AD 07-04-19 Superior Air Parts Cast Cyl Assy's, Not Applicable by Parts installed. AD 2004-10-14 C1 Crankshaft Gear & Gear Retaining Bolt, Not Applicable at this time. AD 06-12-07 ECI Parallel Valve Cyl Assy & AD 07-04-19 Superior Air Parts Cast Cyl Assy's, Not Applicable by parts installed. All AD's checked thru 2007-10, See AD compliance list attached to log books. I certify this Engine has been inspected/serviced IAW a 100 hr Inspection per Manufacturers Instructions & Lycoming SI 1080B and determined to be in an airworthy condition.

R. W. Miller A&P 45469081A

License Number

nt of a



# ENGINE LOG

Serial No. \_\_\_\_\_

HORTON AVIATION SERVICES LLC

FAA CRS YHSR-284L

2732 PERIMETER ROAD, SUITE 101

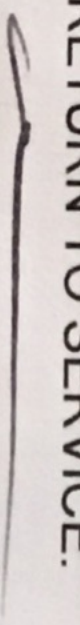
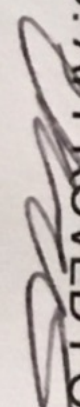
N. LAS VEGAS NV 89032

N# N4873R MFG. CESSNA MODEL R182 S/N R18200616 W.O. # 10-073 DATE 4/222010 TACH: 2528.7

ENGINE 0-540-J3C5D S/N L-20534-40A SMOH: 497.7

Changed oil and filter serviced with Aero shell W100 plus and CH48103-1, Compression results as follows #1 79/80 #2 75/80 #3 72/80 #4 78/80 #5 78/80 #6 76/80.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. OPERATION CHECKED SYSTEMS GOOD. APPROVED FOR RETURN TO SERVICE.



Page Total	
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Total to Date	

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

# FLIGHTCRAFT

a PAPÉ GROUP company

FAA CRS FCP2831D

90454 Boeing Dr.

Eugene, OR 97402

License  
Number

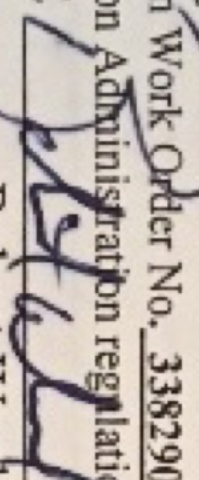
DATE 21 June 10

HM 649.3

N# 4873R

Engine

Changed oil and filter. Inspected old filter, no excessive metal noted. Installed new CH48103-1 filter and serviced with 8 Quarts of 50/w100 Aeroshell oil. Ground ran engine, no leaks noted. Removed and replaced Main battery with new P/N G243 GILL, leak and ops check good.

"This certifies that only the work requested by the customer and described on Work Order No. 338290 was accomplished and inspected in accordance with manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed". SIGNATURE  INSPECTOR.  
FLIGHTCRAFT INC./EUGENE CRS FCP2831D Robert Ward

Page Total

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Total to Date

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

# FLIGHTCRAFT

a PAPER GROUP company

FAA CRS FCP2831D  
90454 Boeing Dr.  
Eugene, OR 97402

DATE 8/27/2010

TACH 2443.5

N# 4837R

Changed oil and filter. Inspected old filter, no excessive metal noted. Installed new CH48103-1 filter and serviced with 8 Quarts of Aeroshell w100 oil. Ground ran engine, no leaks noted.

“This certifies that only the work requested by the customer and described on Work Order No. 338409E was accomplished and inspected in accordance with manufacturer’s specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed”. SIGNATURE William Stewart, INSPECTOR.  
FLIGHTCRAFT INC./EUGENE CRS FCP2831D  
William Stewart

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

# FLIGHTCRAFT

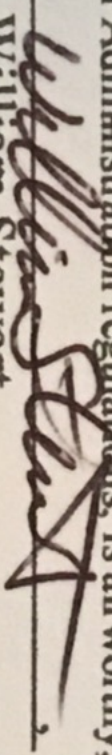
a PAPE' GROUP company

FAA CRS FCP2831D  
90454 Boeing Dr.  
Eugene, OR 97402

DATE 10/8/2010 TACH 2706.6

N# 4873R

Drained engine oil. Replaced filter with new CH48103-1. Cut open and inspected used filter for metal, found ok. Serviced engine with 8 qts Aeroshell w100 oil. Washed engine. Ground ran engine, no leaks noted.

"This certifies that only the work requested by the customer and described on Work Order No. 338445E was accomplished and inspected in accordance with manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed". SIGNATURE , INSPECTOR.  
FLIGHTCRAFT INC./EUGENE CRS FCP2831D William Stewart

Mojave Aviation

Log Entry: Engine

Date: 2-22-11

1430 Jetstream Dr. Suite 100

Tach: 2824.7

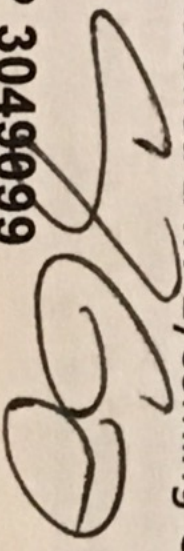
Henderson, NV, 89052

Reg Num: N4873R

Hobbs: 0872.0

Removed all 12 spark plugs and cleaned, gapped, tested, and reinstalled IAW Lycoming O-540 maintenance manual. Aircraft approved for return to service.

Craig Graves A&P 3049099



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# ENGINE LOG

Serial No. \_\_\_\_\_

May 12, 2011 N4873R

Tach. Time; 2947.9 Total Time; 2947.9

use  
iber

Manufacturer; Cessna Aircraft Model; R182 Aircraft serial number R18200616.

Engine; Lycoming O-540-J3C5D. engine serial number I-20534-40A SMOH; 916.9

Propeller; McCauley. B2D34C214. Propeller serial number 792523 SPOH: 926.7

Removed and replaced induction air filter with a Brackett air filter p/n BA2505. Drained engine oil hot, removed and replaced the engine oil filter, installed a new CH48103-1. Serviced engine with 8 quarts of AeroShell 100. Performed a differential compression check. #1; 70/80, #2; 70/80, #3; 77/80, #4; 78/80, #5; 76/80, #6; 79/80. Cleaned inspected and tested, rotated and reinstalled using new M674 gaskets. Ground run engine ops checked. No oil leaks found. I certify that I have inspected this engine using a FAR 43 appendix d checklist, in accordance with and Annual Inspection and determined it to be in an airworthy condition.

William Stewart AP33986971A

Total TO Date



# ENGINE LOG

Serial No. \_\_\_\_\_

Aug 31, 2011

N4873R

Tach. Time; 2999.5

Manufacturer; Cessna

Aircraft Model; R182

Aircraft serial number R18200616.

Ground run engine until oil was at normal operating temp. Drained engine oil Removed and replaced engine oil filter. Installed a new Champion CH48103-1 oil filter and Aeroshell 100 AD 50 weight. Removed and replaced the Engine magneto. Installed overhauled magneto P/N 10-382560-11 (D6LN-2031) serial number R 9394K Installed magneto was overhauled by Aircraft Electrical Components FAA RPS #S7HR883J under work order 32751. Timed magneto to engine I/A/W Lycoming operator's manual section 5. (Note; this magneto was supplied with an overhauled magneto impulse coupling installed. Snap ring style cam installed. Verified that the data plate has a "A" stamped on it.) AD note 2005-12-06 amendment 39-14122 complied with at this time. Next due at 3499.5 tach time. Installed new magneto capacitors Kelly p/n KA10-400576 (replaces Bendix p/n 10-400576) I/A/W TCM service bulletin SB651. Ground run ops checked good.

George Harvey AP3542038

