

#17

THE **Edlog**™

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

*Closed
9/10/80*

ENGINE MAINTENANCE RECORDS

Edlog Maintenance System, Inc.
10000 Edlog Drive
Edlog, California 91729
Tel: (916) 438-1234
Fax: (916) 438-1235

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. _____

Engine Manufacturer Lycoming

Model O-540-J3C5D

Serial No. L-23808-40A

Date installed on aircraft _____

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

- | | |
|--------------------------------|-------------------------------|
| <input type="checkbox"/> Right | <input type="checkbox"/> Left |
| <input type="checkbox"/> Front | <input type="checkbox"/> Rear |



TECH PUBLICATIONS INC.
PO BOX 1359 / SOUTHOLD, NY 11971-0965

(516) 765-9375

FAX: (516) 765-9359

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

ENGINE MAJOR OVERHAULED TO MANUFACTURERS SPECIFICATIONS.

TT 4343.3 TSMOH 1.1 (test run)

Model O-540-J3C5D S/N L-23808-40A

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with manufactures specifications and current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repairs are on file at this repair station under,

Work order no. 14917

Date 04FEB98 Signed *Mark Lutting* for

FAA REPAIR STATION DC2R763K

Carburetor, starter, prop gov., vac. pump, and magneto were also overhauled (see appropriate tags). Ignition harness, spark plugs, fuel pump and oil filter are new. This engine is equipped with STANDARD STEEL/NITRIDE cylinders.

AIRWORTHINESS DIRECTIVES FOR: TYPE CERTIFICATE NUMBER E295
MODEL O-540-J3C5D S/N L-23808-40A WO# 14917 TT 4343.3

- A.D.# METHOD OF COMPLIANCE
- 59-10-07 P/C/W.
- 63-14-03 N/A PER MODEL OR S/N.
- 64-16-05 C/W BY USE OF A NEW P/N LW-15472 PUMP.
- 66-20-04 N/A PER MODEL OR S/N.
- 75-08-09 N/A PER MODEL OR S/N.
- 87-10-06R1 N/A PER S/N OR THESE ROCKER ARMS.
- 91-14-22 C/W LYCOMING SB#475B AT THIS OVERHAUL.
- 93-11-11 N/A TO THIS NEW PUMP.
- 95-07-01 N/A; USED AL-75060 ROD BOLTS.
- 95-26-02 N/A TO THIS ENGINE.
- 96-09-10 N/A PER MODEL OR S/N (HIGH VOLUME OIL PUMP).
- 97-15-11 N/A PER MODEL OR S/N (HAS THIN WALL PINS).

SIGNED *Mark Lutting* FOR CRS# DC2R763K ON 04FEB98

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3-3-98	43433	1.1	49935	Installed this engine in Cessna R182-00115 N# 1188P. Installed new load mounts, installed new fluid carrying hoses per list below - added aeroshell 65 non Deb. Ground Run OK -



OMAHA AIRPLANE SUPPLY

P. O. Box 19084, Eppley Airfield, Omaha, NE 68119
 (402) 422-6666 • FAX (402) 341-7895
 WATS (800) 228-9400



APPROVED HOSE SHOP

A/C R182-00115
 T.T. 49935
 N# 1188P

DATE 3-3-98
 W/O # 1297005

AEROQUIP P/N

AEROQUIP P/N

AEROQUIP P/N

- 1 ea 624000-8D0504
- 1 ea 624000-8D0430
- 1 ea AE7010000G0155
- 1 ea AE7010000G0144
- 1 ea AE7010000B0190
- 1 ea AE7010000G0112

ST. PAUL FLIGHT CENTER
 270 Airport Rd.
 St. Paul, MN 55107
 612-227-8108

ABOVE HOSES INSTALLED BY Ronald L. Harney AP1459140

4-8-98	43663	26.1	4998.5	Changed Oil Filter, sent open old filter, OK this date, added aeroshell 1000. Ground run OK - Ronald L. Harney AP1459140
				ST. PAUL FLIGHT CENTER 270 Airport Rd. St. Paul, MN 55107 612-227-8108
				SUB-TOTALS this page
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
5-11-98	4398.8	51.6	5024	Changed Oil & oil filter. Cut open old filter OK this date. Added AeroShell 100W. Ground Run OK. Ronald L. Hailey AIP 1459140
				ST. PAUL FLIGHT CENTER 270 Airport Rd. St. Paul, MN 55107 612-227-8108
6-3-98	4419.8	77.6	5050	100hr dup completed this date. Changed Oil & oil filter. Cut off filter open OK this date. Compression check OK @ 78/80 @ 74/80 @ 74/80 @ 78/80 @ 74/80 @ 78/80. Checked mag timing, checked spark plug leads. Cleaned, gapped, tested & rotated spark plugs. Replaced induction air filter. Added AeroShell 100W. Ground Run OK.
				ST. PAUL FLIGHT CENTER 270 Airport Rd. St. Paul, MN 55107 612-227-8108
I CERTIFY THAT THIS Eng. has BEEN INSPECTED IN ACCORDANCE WITH A 100hr INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.				
Ronald L. Hailey RONALD L. HAILEY A & P 1459140				
12-1-98	4514.5	94.7	5144.7hrs	Completed Annual inspection in accordance with Cessna R102 Service manual. Compression: #1 76/80 #2 74/80 #3 76/80 #4 76/80 #5 78/80 #6 76/80. Oil & filter changed. Service with 80W AeroShell 65W oil. Champion covers 103 oil filter installed. cleaned oil suction screen. Fuel screen. Cleaned, gapped & rotated spark plugs. Air filter inspected OK @ Two Time. Ground Run-up normal. No leaks found.
I certify that this Eng. has been inspected in accordance with a Annual inspection & has been found airworthy.				
Sig. _____ Cert.# _____				
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4/22/99	4563.5	221.3	5193.7	Changed Oil & Oil filter Cut open old filter, checked screen & filter per Lgc S.I. 1492B OK this date Took Oil Sample added Lgc additive LW-16702 per Lgc S.I. 1409 B. Added Aeroshell 100W. Took Oil Sample. Ground Run OK. <i>Ronald Lacey</i> AIP1459140 ST. PAUL FLIGHT CENTER 270 Airport Rd. St. Paul, MN 55107 612-227-8108
6-3-99	4642.7	270.3	5242.9	Completed 100 Hour Inspection in accordance with Cessna R182 Service Manual. Compression #1 $\frac{73}{80}$ #2 $\frac{75}{80}$ #3 $\frac{76}{80}$ #4 $\frac{75}{80}$ #5 $\frac{77}{80}$ #6 $\frac{76}{80}$. Oil & Filter changed. Serviced with 8 QT Aeroshell 100W oil. Cleaned oil screen. Oil sample taken for analysis & oil filter cut open & inspected for Lgc S.I. 1492B. Cleaned fuel screen. Clean & Gap Sparkplugs. Replaced all Exhaust Gaskets. Reamed Right muffler & Tail pipe for repair by air space welding mps. (See Release Tag in back of this book) Tighten all rocker covers. Ground Run normal. No leaks found. I certify that this <u>Eng.</u> has been inspected in accordance with a 100 hr. inspection & has been found airworthy. Sig. <i>Ronald Lacey</i> Cert. # <u>10465855</u>
7-3-99	4668.3	325.9	5298.5	Change oil & filter (Lgc S.I. 1492B. OK this time. Serviced with 8 QT Aeroshell oil 100W plus. Oil sample taken for analysis. Ground Run normal No leaks found. <i>Ch</i>
8-23-99	530		5304.2	hours Replaced Left Muffler and Throttle Cable ops check Normal <i>Duncan IA 394 705488</i>
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MODEL	CESSNA R182	NORTH STAR AVIATION	DATE	10/01/99
SERIAL #	R18200115	RT. 5, BOX 120	W/O	5856
REG #	N118SP	MANKATO, MN 56001	TACH	5345.6
TTS MOH	372.1	FAA REPAIR STATION #NUTR521L	A/C TT	5345.6
LOGBOOK INSERT				
1. DIFFERENTIAL COMPRESSION #1 72/80 #2 74/80 #3 75/80 #4 74/80 #5 74/80 #6 75/80. 2. CHANGED OIL AND FILTER, INSTALLED NEW FILTER AND REFILLED WITH 8 QUARTS AEROSHELL 80W. 3. SENT OIL SAMPLE FOR ANALYSIS. 4. REPLACED AIR FILTER ELEMENT WITH NEW. 5. REPLACED ONE SPARK PLUG WITH NEW. 6. WASH DOWN ENGINE, TEST RUN, OPS., AND LEAK CHECK OK.				
THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATION AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS FACILITY.				
DATE <u>10/01/99</u>		SIGNED <u>Jeff Williamson</u>		

12/9/99 Tach 5396.0 Changed oil & filter serviced with 8qt Aeroshell 80 Run up leak ✓ good, cleaned beacon lamp correction ops ✓ good.

The Aircraft, Airframe, Airframe Engine, Propeller or Appliance identified herein was repaired and inspected in accordance with current FAR's and is approved for return to service. Pertinent details of the repair are on file at this Repair Station under W/O # 4362 Date 12/9/99
 By Paulen Airway Aviation Center
 2002 Airport Road, Grand Rapids, MN 55744 AWOR120N

MODEL	Cessna R182	REGENT AVIATION	DATE	01-14-00
SERIAL #	R18200115		W/O	11006
REG #	N118SP	529 EATON STREET	TACH:	5415.1
Eng. model	0-540-J3C5D	ST. PAUL, MN 55107	A/C TT	5415.1
Eng. S/N	L-23808-40A	FAA REPAIR STATION # YRJR 826K	LOGBOOK INSERT	

- ENGINE TTSN: 4784.9 ETSMOH: 441.6
- Complied with An ANNUAL / 100Hour Inspection in accordance with the requirements in the Cessna R182 Service Manual.
 - Ground ran, Drained engine oil. Cleaned, inspected and reinstalled oil screen. Removed oil filter and internally inspected. Installed New oil filter P/N CH48103.
 - Serviced engine oil reservoir with 8 Qts. AeroShell 15W50 oil.
 - Removed and replaced with New, Cabin heat ducting P/N SCAT-12.
 - Removed, cleaned, inspected All Spark Plugs.
 - Reinstalled Spark plugs, with 5 each new plugs P/N RHB-38E.
 - Removed and replaced with New, Induction air intake filter P/N BA-2505 (Brackett).
 - Performed engine compression check, #1-76/80, #2-70/80, #3-77/80, #4-76/80, #5-75/80, #6-78/80.
 - Complied with recurrent Inspection Per AD 96-12-07, Impulse Coupling Inspection. Per AD (a)(2) and TCM MSB No. MSB645. "X" Dimensions are .039" and .047" NEXT DUE, ACTT: 5915.1.
 - I CERTIFY THAT THIS ENGINE AND PROPLER HAVE BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINDED TO BE IN AIRWORTHY CONDITION

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/S ARE ON FILE AT THIS FACILITY.
 DATE Jan, 14th, 2000 SIGNED Kevin K. Watrous
 Kevin K. Watrous

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4-19-00	Tach 5464.0			Changed oil + Filter Serviced with 8 Qts AeroShell 100w Plus oil. ground run up ops check Normal No leaks found <i>None Other</i> JA 38420548 <i>Bar</i>

REG #	N118SP	REGENT AVIATION 529 EATON STREET ST. PAUL, MN 55107 FAA REPAIR STATION # YRJR 826K LOGBOOK INSERT	DATE	07-07-2000
MODEL	Cessna R182		W/O	11300
SERIAL #	R18200115		TACH:	5520.7
Eng. model	0-540-J3C5D		A/C TT	5520.7
Eng. S/N	L-23808-40A			
ENGINE TTSN: 4890.6 ETSMOH: 547.2				
<ol style="list-style-type: none"> Complied with A 100Hour Inspection in accordance with the requirements in the Cessna R182 Service Manual. Ground ran, Drained engine oil. Cleaned, inspected and reinstalled oil screen. Removed oil filter and internally inspected. Installed New oil filter P/N CH48103. Serviced engine oil reservoir with 8 Qts. AeroShell 100W oil. Removed, cleaned, inspected All Spark Plugs. Reinstalled Spark plugs, with 2 each new plugs, P/N RHB-38E. Removed and replaced with New, Induction air intake filter P/N BA-2505 (Brackett). Performed engine compression check, #1-75/80, #2-77/80, #3-75/80, #4-77/80, #5-78/80, #6-78/80. Performed 500 hour inspection of Alternator brushes and slip ring. Removed and replaced with New, All 6 exhaust flange gaskets P/N 77611. Adjusted tension on right exhaust slip joint springs. I CERTIFY THAT THIS ENGINE AND PROPLER HAVE BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION 				
THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/S ARE ON FILE AT THIS FACILITY.				
DATE <u>July 7th, 2000</u> SIGNED <u><i>Kevin K. Watrous</i></u> Kevin K. Watrous				

REG #	N118SP	REGENT AVIATION 529 EATON STREET ST. PAUL, MN 55107 FAA REPAIR STATION # YRJR 826K LOGBOOK INSERT	DATE	08-01-2000
MODEL	Cessna R182		W/O	11354
SERIAL #	R18200115		Hobbs:	2431.1
Eng. model	0-540-J3C5D		Tach;	5538.8
Eng. S/N	L-23808-40A			
1. Adjusted engine oil pressure regulator to bring oil pressure up to within specifications.				
THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/S ARE ON FILE AT THIS FACILITY.				
DATE <u>Aug 1st, 2000</u> SIGNED <u><i>Kevin K. Watrous</i></u> Kevin K. Watrous				

MODEL	Cessna R182	REGENT AVIATION 529 EATON STREET ST. PAUL, MN 55107 FAA REPAIR STATION # YRJR 826K LOGBOOK INSERT	DATE	08-25-2000
SERIAL #	R18200115		W/O	11388
REG #	N118SP		TACH:	5571.1
Eng. model	0-540-J3C5D		A/C TT	5571.1
Eng. S/N	L-23808-40A		Hobbs:	2463.4
ENGINE TTSN: 4940.9 ETSMOH: 597.6				
<ol style="list-style-type: none"> Ground ran engine, then drained engine oil. Changed engine oil filter P/N CH48103. Serviced engine with 8 Qts. AeroShell 100W oil. Ground ran and leak checked, OK. Checked old filter for particles none noted. 				
THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/S ARE ON FILE AT THIS FACILITY.				
DATE <u>Aug 25th, 2000</u> SIGNED <u><i>Kevin K. Watrous</i></u> Kevin K. Watrous				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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11-02-00	4985.7	642.4	5615.9	Completed Annual Inspection in accordance with Cessna 182RG Service Manual. Compression: #1 $\frac{74}{80}$, #2 $\frac{76}{80}$, #3 $\frac{74}{80}$, #4 $\frac{74}{80}$, #5 $\frac{76}{80}$, #6 $\frac{76}{80}$ Oil & Filter Changed. Serviced with 8 QT AeroShell 80W oil. Cleaned Oil Service Screen, Cleaned Fuel Screen. Cleaned 6 gaps Sparkplugs Lubed Controls, Ground Run - up normal. No leaks found. I certify that this AO Eng. has been inspected in accordance with a Annual inspection & has been found airworthy. Sig. <u>[Signature]</u> Cert. # <u>[Signature]</u>

MODEL	Cessna R182	REGENT AVIATION 529 EATON STREET ST. PAUL, MN 55107 FAA REPAIR STATION # YRJR 826K LOGBOOK INSERT	DATE	01-24-2001
SERIAL #	R18200115		W/O	11631
REG #	N118SP		TACH:	5649.6
Eng. model	0-540-J3C5D		A/C TT	5649.6
Eng. S/N	L-23808-40A		Hobbs:	2552.1
ENGINE TTSN: 5019.4 ETSMOH: 676.1				
1. Ground ran engine, then drained engine oil. Changed engine oil filter P/N CH48103. Serviced engine with 8 Qts. AeroShell 80W oil. Ground ran and leak checked, OK. Checked old filter for particles none noted.				
THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/S ARE ON FILE AT THIS FACILITY.				
DATE <u>JAN. 24th, 2001</u> SIGNED <u>[Signature]</u> Kevin K. Watrous				

MODEL	Cessna R182	REGENT AVIATION 529 EATON STREET ST. PAUL, MN 55107 FAA REPAIR STATION # YRJR 826K LOGBOOK INSERT	DATE	04-10-2001
SERIAL #	R18200115		W/O	11794
REG #	N118SP		TACH:	5688.3
Eng. model	0-540-J3C5D		A/C TT	5688.3
Eng. S/N	L-23808-40A		Hobbs:	2595.0
ENGINE TTSN: 5058.1 ETSMOH: 714.8				
1. Removed engine side cowlings. Removed Lower engine nose cowling and baffles. Removed Starter assy. Disassembled starter from Bendix, Installed New Bendix assy. P/N 480388/ Starter Drive P/N EBB-131A/79672. Lubricated and reassembled Starter assy.				
2. Reinstalled Starter assy. on engine.				
3. Reinstalled Lower engine nose cowling and baffles. Reinstalled engine side cowlings.				
4. Operation checked starter, Checked, OK.				
THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/S ARE ON FILE AT THIS FACILITY.				
DATE <u>April 10th, 2001</u> SIGNED <u>[Signature]</u> Kevin K. Watrous				

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				s page
				Mayer Aviation, Inc. Lake Elmo, MN 55042 (651) 770-1191
				05-16-01 Tach: 5707.2
				Replaced left main landing gear tire with new Goodyear Flight Custom II 15X600X6 ply. Cleaned wheel halves and bearings. Greased bearings and reassembled. Adjusted all tire pressures I/A/W POH. Bradly J. Olek A&P 470883878 <i>Bradly J. Olek</i>

REG #	N118SP	REGENT AVIATION 529 EATON STREET ST. PAUL, MN 55107 FAA REPAIR STATION # YRJR 826K LOGBOOK INSERT	DATE	06-01-2001
MODEL	Cessna R182		W/O	11839
SERIAL #	R18200115		TACH:	5719.4
Eng. model	0-540-J3C5D		A/C TT	5719.4
Eng. S/N	L-23808-40A			

- ENGINE TTSN: 5089.3 ETSMOH: 745.9
1. Complied with A 100Hour Inspection in accordance with the requirements in the Cessna R182 Service Manual.
 2. Ground ran, Drained engine oil. Cleaned, inspected and reinstalled oil screen. Removed oil filter and internally inspected. Installed New oil filter P/N CH48103.
 3. Serviced engine oil reservoir with 8 Qts. AeroShell 100 oil.
 4. Removed, cleaned, inspected All Spark Plugs.
 5. Reinstalled Spark plugs, with 10 each new plugs, P/N RHB-38E.
 6. Removed and replaced with New, Induction air intake filter P/N BA-2505 (Brackett).
 7. Performed engine compression check, #1-76/80, #2-76/80, #3-76/80, #4-78/80, #5-77/80, #6-75/80.
 8. Complied with AD 2000-18-53, oil filter converter plate gasket. Replaced gasket P/N 06B23072 per S.B. 543AA part II.
 9. I CERTIFY THAT THIS ENGINE AND PROPLER HAVE BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINDED TO BE IN AIRWORTHY CONDITION

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/S ARE ON FILE AT THIS FACILITY.

DATE June 1st, 2001 SIGNED *Kevin K. Watrous*
Kevin K. Watrous

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DATE	SERIAL #	Cessna R182 R18200115
	Eng. model	0-540-J3C5D
	Eng. S/N	L-23808-40A

529 EATON STREET
ST. PAUL, MN 55107
FAA REPAIR STATION # YRJR 826K
LOGBOOK INSERT

W/O	11913
TACH:	5767.5
AC TT	5767.5
Hobbs:	2682.3

ENGINE TTSN: 5137.4 ETSMOH: 794.0

1. Ground ran, Drained engine oil.
2. Took engine oil Sample for analysis.
3. Cleaned, inspected and reinstalled oil screen. Removed oil filter and internally inspected. Installed New oil filter P/N CH48103 and saftied.
4. Serviced engine oil reservoir with 8 Qts. AeroShell 100 oil.
5. Ground ran and leak checked, OK.

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/S ARE ON FILE AT THIS FACILITY.

DATE July 12, 2001

SIGNED *Kevin K. Watrous*
Kevin K. Watrous

REG #	N118SP
MODEL	Cessna R182
SERIAL #	R18200115
Eng. model	0-540-J3C5D
Eng. S/N	L-23808-40A

REGENT AVIATION
529 EATON STREET
ST. PAUL, MN 55107
FAA REPAIR STATION # YRJR 826K
LOGBOOK INSERT

DATE	8-21-2001
W/O	11993
TACH:	5824.4
AC TT	5824.4
HOBBS	2721.6

ENGINE TTSN: 5194.3 ETSMOH: 850.9

1. Ground ran engine and then drained oil.
2. Removed and inspected old oil filter. Installed new CH48103 oil filter.
3. Installed eight (8) quarts of Aeroshell 100 oil.
4. Cleaned, gapped and rotated spark plugs using new gaskets (P/N 674)
5. Performed compression test, results as follows: #1) 74/80 #2) 73/80 #3) 73/80 #4) 73/80 #5) 75/80 #6) 76/80
6. Run-up and leak ck of engine good.
7. Performed 100 hr inspection of engine/propeller.

I CERTIFY THAT THIS ENGINE AND PROPELLER HAVE BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/S ARE ON FILE AT THIS FACILITY.

DATE 8/21/2001

SIGNED *Thomas W. Thunstrom* C25 YRJR826K
Thomas W. Thunstrom

REG #	N118SP
MODEL	Cessna R182
SERIAL #	R18200115
Eng. model	0-540-J3C5D
Eng. S/N	L-23808-40A

REGENT AVIATION
529 EATON STREET
ST. PAUL, MN 55107
FAA REPAIR STATION # YRJR 826K
LOGBOOK INSERT

DATE	11/07/2001
W/O	12155
TACH:	5893.6
AC TT	5893.6
HOBBS	2790.8

ENGINE TTSN: 5263.5 ETSMOH: 920.1

1. Ground ran engine and then drained oil. Took oil sample for analysis and sent in.
2. Removed and inspected old oil filter. Installed new CH48103 oil filter.
3. Installed eight (8) quarts of Aeroshell 80w oil.
4. Installed new oil filler plug O-ring P/N M83248/1-121.
5. Run up and leak ck. Good.

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/S ARE ON FILE AT THIS FACILITY.

DATE 11/7/2001

SIGNED *Thomas W. Thunstrom* C25 YRJR826K
Thomas W. Thunstrom

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				

REG #	N118SP	REGENT AVIATION 529 EATON STREET ST. PAUL, MN 55107 FAA REPAIR STATION # YRJR 826K LOGBOOK INSERT	DATE	5/30/2002
MODEL	Cessna R182		W/O	12670
SERIAL #	R18200115		TACH:	5991.4
Eng. model	0-540-J3C5D		A/C TT	5991.4
Eng. S/N	L-23808-40A		Hobbs	2927.6

- ENGINE TTSN: 5361.3 ETSMOH: 1017.9
1. Complied with A 100Hour Inspection in accordance with the requirements in the Cessna R182 Service Manual.
 2. Complied with ~~10-400325-E~~ (impulse coupling) by replacement of riveted coupling with new style snap ring coupling P/N 10-400325-E. ~~Next due at 6491.4~~ (each 500 hrs) New "X" dimension is .035 for both sides.
 3. Checked and reset magneto to engine timing.
 4. Removed, cleaned, inspected, and reinstalled Spark Plugs.
 5. Removed and replaced with New, Induction air intake filter P/N BA-2505 (Brackett).
 6. Performed engine compression check, #1-76/80, #2-77/80, #3-78/80, #4-76/80, #5-76/80, #6-72/80.
 7. Inspected exhaust system for cracks or leaks by visual and pressure check. No discrepancies noted.
 8. I CERTIFY THAT THIS ENGINE AND PROPELLER HAVE BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME AND DATE.

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/S ARE ON FILE AT THIS FACILITY.

DATE 5/30/2002 SIGNED Thomas W. Thunstrom CRS YRJR826K
Thomas W. Thunstrom CRS YRJR826K

REG #	N118SP	REGENT AVIATION 529 EATON STREET ST. PAUL, MN 55107 FAA REPAIR STATION # YRJR 826K LOGBOOK INSERT	DATE	8/6/2002
MODEL	Cessna R182		W/O	12904
SERIAL #	R18200115		TACH:	6033.6
Eng. model	0-540-J3C5D		A/C TT	6033.6
Eng. S/N	L-23808-40A		Hobbs	2973.5

- ENGINE TTSN: 5403.5 ETSMOH: 1060.1
1. Ground ran, Drained engine oil. Removed oil filter and internally inspected. Installed New oil filter P/N CH48103.
 2. Serviced engine oil reservoir with 8 Qts. AeroShell 100w oil.
 3. Took oil sample and sent out for analysis.
 4. Ground run and leak check performed and found good.

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/S ARE ON FILE AT THIS FACILITY.

DATE 8/6/2002 SIGNED Thomas W. Thunstrom CRS YRJR826K
Thomas W. Thunstrom CRS YRJR826K

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REG #	N118SP	REGENT AVIATION 529 EATON STREET ST. PAUL, MN 55107 FAA REPAIR STATION # YRJR 826K LOGBOOK INSERT	W/O	13240
MODEL	Cessna R182		TACH:	6087.6
SERIAL #	R18200115		A/C TT	6087.6
Eng. model	0-540-J3C5D		Hobbs	3032.5
Eng. S/N	L-23808-40A			

- ENGINE TTSN: 5457.5 ETSMOH: 1114.1
1. Complied with A 100Hour Inspection in accordance with the requirements in the Cessna R182 Service Manual.
 2. Ground ran, Drained engine oil. Cleaned, inspected and reinstalled oil screen. Removed oil filter and internally inspected. Installed New oil filter P/N CH48103. Took oil sample and sent in for analysis.
 3. Serviced engine oil reservoir with 8 Qts. AeroShell 80 oil.
 4. Removed, cleaned, inspected All Spark Plugs.
 5. Reinstalled Spark plugs, and replaced 4 each new plugs, P/N RHB-38E.
 6. Removed and replaced with New, Induction air intake filter P/N BA-2505 (Brackett).
 7. Performed engine compression check, #1-72/80, #2-76/80, #3-76/80, #4-77/80, #5-76/80, #6-74/80.
 8. Inspected exhaust system for cracks or leaks by visual and pressure check. No discrepancies noted.
 9. Reset magneto to engine timing at 23 degrees BTDC.
 10. Removed and replaced #4 cylinder rocker cover gasket with new P/N 75906. Leak ck good.
 11. I CERTIFY THAT THIS ENGINE AND PROPLER HAVE BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINDED TO BE IN AIRWORTHY CONDITION AT THIS TIME/DATE.

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/S ARE ON FILE AT THIS FACILITY.
 DATE 12/13/2002 SIGNED Thomas W. Thunstrom CRS YRJR826K
 Thomas W. Thunstrom CRS YRJR826K

REG #	N118SP	REGENT AVIATION 529 EATON STREET ST. PAUL, MN 55107 FAA REPAIR STATION # YRJR 826K LOGBOOK INSERT	DATE	12/19/2003
MODEE	Cessna R182		W/O	14331
SERIAL #	R18200115		TACH:	6128.7
Eng. model	0-540-J3C5D		A/C TT	6128.7
Eng. S/N	L-23808-40A		Hobbs	3077.3

- ENGINE TTSN: 5498.6 ETSMOH: 1155.2
1. Complied with A 100Hour Inspection in accordance with the requirements in the Cessna R182 Service Manual.
 2. Ground ran, Drained engine oil. Cleaned, inspected and reinstalled oil screen. Removed oil filter and internally inspected. Installed New oil filter P/N CH48103. Took oil sample and sent in for analysis.
 3. Serviced engine oil reservoir with 8 Qts. AeroShell 80 oil.
 4. Removed, cleaned, inspected all Spark Plugs.
 5. Removed and replaced with New, Induction air intake filter P/N BA-2505 (Brackett).
 6. Performed engine compression check, #1-75/80, #2-75/80, #3-70/80, #4-74/80, #5-74/80, #6-76/80.
 7. Removed and replaced exhaust gaskets with new P/N 77611 (6ea).
 8. Inspected exhaust system for cracks or leaks by visual and pressure check. No discrepancies noted.
 9. Performed post inspection ground run/leak check and found good.
 10. I CERTIFY THAT THIS ENGINE AND PROPELLER HAVE BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINDED TO BE IN AIRWORTHY CONDITION AT THIS TIME/DATE.

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/S ARE ON FILE AT THIS FACILITY.
 DATE 12/19/2003 SIGNED Thomas W. Thunstrom CRS YRJR826K
 Thomas W. Thunstrom CRS YRJR826K

4/28/04 Tach Reads 16204.4. Drained oil and serviced w/ 8 qts of AeroShell W100. Installed new CH48103 oil filter. Cleaned gapped and rotated all spark plugs.
Steve J. Fisher AP295629606

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
6/12/04	6245.7	6245.7		Drained oil and serviced with 8qts of Aeroshell W100. Cleaned, gapped and inspected all plugs. Installed new CH48103 oil filter. Glen S. Fisher AP295629606
7/14/04	6292.3			Drained oil and serviced with 8qts of Aeroshell W100. Cleaned, gapped and inspected all plugs. Installed new CH48103 oil filter. Glen S. Fisher AP295629606
7/29/04	6301.2			Replaced bracket air filter #A2505 Jim Moore
8/27/04	6342.5			Drained oil and serviced with 8qts of Aeroshell W100. Cleaned, gapped and inspected all spark plugs. Installed new CH48103 oil filter. Glen S. Fisher AP295629606
9/11/04	6388.3			Drained oil and serviced w/ 8qts of Aeroshell W100. Cleaned, gapped and inspected spark plugs. Installed new CH48103 oil filter. Opened old filter noted small amount of non-magnifier particles. Glen S. Fisher AP295629606
				SUB-TOTALS this page
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			10434.3	TOTALS brought forward from previous page
7/09-2005				<p>Req. cap. check #180/Replaced #2 #2-80/75 #3-80/76, #4-80/76, #5-80/77 #6-80/05 Cleaned fuel replaced with Crestell W-100. Sgfr. Replaced filters Replaced all plugs. Replaced crank shafts. Replaced all Archer gaskets Replaced all rocker train hoses Replaced indicator Air Filter. Replaced val. gaskets #1-3-3 cyl. Replaced Engine pick-ups. Replaced #3 & 5 y. Reformed oil pump. Reformed Inspected all flanks, all ign. leads Inspected hoses. Re-torqued all clamps Inspected fuel pump. hoses. Engine ops. check. All systems operational except E.O.T. still erratic. I hereby certify that this op. Eng has been inspected thru Armed Temp and was determined to be in acceptable condition for duty J. [Signature] P14107291A July 9-2005</p>
4/2/05	6458.5			<p>Drain oil and serviced w/ 8 qts of Amsoil 15W50. Installed new EH 48103 oil filter from S. Hook AP29562.9626</p>

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				TOTALS brought forward from previous page
8/11/05	6549.8			Drained oil and serviced with 8qts of AeroShell 15W50. Installed new CH48103 oil filter. Cleaned gapped and inspected all spark plugs. Shaun S. Fisher AP29529606
10/9/05	6595.8			Drained oil and serviced with 8qts of AeroShell 15W50. Installed new CH48103 oil filter. Cleaned gapped and inspected all spark plugs. Shaun S. Fisher AP29529606
3/12/06	6655.1	1581.6		Drained oil and serviced with 8qts AeroShell 15W50. Installed new CH48103 oil filter, inspected old filter - sat. Cleaned gapped and inspected all spark plugs. Checked engine to mag timing sat. Tightened all valve cover gaskets. Adjusted idle mixture. Cleaned engine compression wire as follows: #1-76/80, #2-77/80, #3-77/80, #4-78/80, #5-77/80, #6-77/80. Run up and leak checked - sat. Shaun S. Fisher AP29529606
9/7/06	6683.5			Drained oil and serviced w/ 8qts of AeroShell 15W50. Installed new CH48103 oil filter. Cleaned, gapped and inspected all spark plugs. Shaun S. Fisher
				SUB-TOTALS this page AP29529601
				TOTALS —Carry forward to next page

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				TOTALS brought forward from previous page

2/4/2007



Aerotech Support, LLC

W/O / INV# N118SG Date 2/4/2007
 A/C N118SG HOBBS 3711.4
 S/N R18200115 TACH 6712.7
 Total Eng. Time 1639.2 T.T.S.M.O.H 1639.2

Annual Inspection. Engine inspected I/AW Lycoming Service Manual. Engine cleaned, run and checked for fuel/oil leaks. AD's checked to this date. See separate AD list in owner's permanent records. Comp. check as follows: #1 - 74/80, #2 - 75/80, #3 - 78/80, #4 - 7474/80, #5 75/80, #6 76/80. Cleaned fuel screens, gascollator, and spark plugs. Regapped plugs. Washed down engine compartment. Serviced aircraft W/15w/50 Aeroshell. Cut filter and checked ok at this time. Run-up and ops check OK at this time. I certify that this Engine has been inspected I/AW an annual inspection and has been determined to be in an airworthy condition at this time.

Steven W. Starcher
 Steven W. Starcher
 A&P 193504480 IA

N118SG	Penn-Air, Inc	WO# 3407	May 12, 2008
TACH: 6766.0	CONST: 0		TT: 6766.0
TT Eng: 1792			SMOH: 1792

1. Completed 100 hr/Annual Inspection IAW Cessna Service Manual
2. Compression Test #1) 72/80 #2) 72/80 #3) 74/80 #4) 76/80 #5) 68/80 #6) 72/80.
3. Adjusted prop governor.
4. Replaced both mufflers.
5. Serviced with 12 quarts Aeroshell 100 Plus.
6. Cleaned, ground run, leak checked engine—OK.

I certify that this ENGINE
 has been ANNUAL in accordance with
 and was determined
 to be in Airworthy condition at this time.

FAA REP. STA. BCBR3700
PENN AIR, INC.
ALTOONA-BLAIR CO. AIRPORT
MARTINSBURG, PA 16662
814-793-2164

6-26-09

6777.7 TACH
 - 4973.1
 1804.6 SMOH

Annual Insp Completed all dry 74/80, 75/80, 78/80, 7474/80, 75/80, 76/80
 Muffling, Insp Ex. Mufflers, Lube all
 controls, clean fuel screens Run up & ops
 ok normal I certify that this Eng has
 been inspected in accordance with a
 Annual inspection and was determined
 to be in Airworthy Condition this
 date Roll View A1178523035 IA

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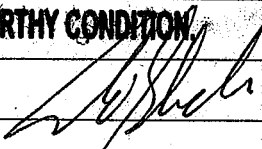

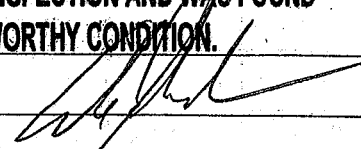
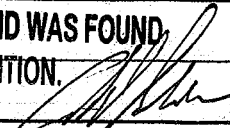
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4/14/14	6908.8	1934.2	6908.8	TSMOH 1934.2 Changed oil ^{15W50} AS788 + filter. Compression ok. all y/o 2380 a better. Cleaned & gapped spark plugs. A099-04-04 on mag due at 6934 hrs. Exhaust system ok-ok. Run-up OK
				I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
				Charles E. McCreary ATP 1741823/A.
6/19/14		6911.2		Replaced fuel pump with new LW 15472. Replaced dual mag with Overhauled 10-382560-11R from Quality AC acces. OVT by Kelly Aerospace. Tuned & run-up OK.
				Charles E. McCreary ATP 1747823

7/1/2015 T-6939.8 ETT-6309.6 TSMOH-1966.3
 100 hr/Annual Inspection
 Compression test: 74, 75, 74, 72, 75, 74/80
 Removed all sparkplugs, inspect, clean, gap and reinstall all sparkplugs. Changed oil and filter. Serviced with 8 quarts of AeroShell 15w50 oil and a CH48103-1 oil filter. Checked magneto timing to 23 degrees. Inspected intake and exhaust systems. Replaced right hand exhaust collector and center riser with overhauled parts. Inspected engine air filter. Check all belts, hoses, and engine mount for condition and wear. Ran engine to full power and checked all systems. All checks were normal at this time. All work performed IAW FAR43, Appendix D and AC43.131B/2A and applicable maintenance manual. This engine is returned to service.
 Charles Schandelmeier, IA3575997

I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 hr/Annual INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

[Signature]

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8/2/2016	T-6952.9	TSMOH-1979.4		<p>100 hr/Annual Inspection Compression Test: 75, 75, 74, 73, 74, 75/80 Removed all sparkplugs, inspected, cleaned, gapped and reinstalled all sparkplugs. Checked mag timing on both magnetos to 23 degrees. Changed oil and filter. Serviced with 8 quarts of AS15w50 oil and a CH48103-1 oil filter. Replaced engine air filter, BA2505. Check all belts, hoses, and engine mount for condition and wear. Inspected intake and exhaust systems. Ran engine to full power and checked all systems. All checks were normal at this time. All work performed IAW FAR43, Appendix D and AC43.131B/2A and applicable maintenance manual. This engine is returned to service. Charles Schandelmeier, IA3575997</p> <p>ward from previous page</p> <p>I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100hr Annual</u> INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.</p> 
8/1/2017	T-6971.3	TSMOH-1997.3	100 hr/Annual Inspection	<p>Compression Test: 66, 72, 76, 76, 72, 72/80 Removed all sparkplugs and install 12 new RHM38E sparkplugs. Changed oil and filter. Serviced with 8 quarts of AS 15w50 oil and a CH48103-1 oil filter. Checked mag timing to 23 degrees. Replaced the engine air filter, PN-BA2505. Check all belts, hoses, and engine mount for condition and wear. Inspected intake and exhaust systems. Ran engine to full power and checked all systems. All checks were normal. All work performed IAW FAR43, Appendix D and AC43.131B/2A and applicable maintenance manual. This engine is returned to service. Charles Schandelmeier, IA3575997</p> <p>I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100hr Annual</u> INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.</p> 
9/7/2018	T-3977.8	TSMOH-2004.3	ETT-6347.6 100 hr/Annual Inspection	<p>Compression Test-66, 74, 70, 76, 72, 77/80 Removed all sparkplugs, clean inspect gap and reinstall all sparkplugs. Changed oil and filter. Serviced with 8 quarts of AS15w50 oil and a CH48103-1 oil filter. Checked both mags timing to 23 degrees. Inspected engine air filter. Check all belts, hoses, and engine mount for condition and wear. Inspected intake and exhaust systems. Replaced the #2, 4 and 6 exhaust gaskets. Replaced the #4 valve cover gasket. Ran engine to full power and checked all systems. All checks were normal. All work performed IAW FAR43, Appendix D and AC43.131B/2A and applicable maintenance manual. This engine is returned to service. Charles Schandelmeier, IA3575997</p> <p>I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100hr Annual</u> INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.</p> 
10/8/19	T-6978.3	ETT-6348.1	TSMOH-2004.8 100 hr /Annual Inspection	<p>Compression test: 71, 70, 76, 74, 74, 76/80 Removed all sparkplugs, clean inspect gap and reinstall all sparkplugs. Change oil and filter. Serviced with 8 quarts of AS15w50 oil and a CH48103-1 oil filter. Checked both magnetos to 23 degrees. Replaced engine intake air filter, BA2505. Check all belts, hoses, and engine mount for condition and wear. Inspected intake and exhaust systems. Reinstalled engine cowling. Ran engine to full power and checked all systems. All checks were normal. All work performed IAW FAR43, Appendix D and AC43.131B/2A and applicable maintenance manual. Charles Schandelmeier, IA3575997</p> <p>I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100hr Annual</u> INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.</p> 

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