

Engine Record General Information

Manufacturer Lycoming Model IO 540-T4B50

Serial L-16087-48 Type Certificate _____

This engine is currently installed in aircraft: N 4911W

Minimum Octane Fuel _____ Oil Grade Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

| DATE 19 <u>97</u> | 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 Technician or Repair Facility. (See back pages for other specific entries.) |
|----------------------|---------------------------|------------------|-----------------------------|--|
| 03-22-97 | 133.6 | | 1585.8 | Tightened alternator belt. Replaced #6 cylinder fuel injector line. Replaced #4 cylinder rocker box cover. Tightened #4 cylinder oil scavenge line. Softened quick drain on oil sump. Repaired rear right baffle by riveted patch over small crack. Softened alternator case. Replaced intake pipe tubes on all cylinders. Tightened bolts on clamps securing left muffler. Replaced all flexible fuel & oil lines in engine compartment. x Gerard Terpstra ATP 34847071A |
| 03-22-97 | 133.6 | | 1585.8 | Completed annual inspection in accordance with Commander 114 maintenance manual inspection checklist. Compression check ① $\frac{13}{160}$ ② $\frac{15}{160}$ ③ $\frac{14}{160}$ ④ $\frac{13}{160}$ ⑤ $\frac{13}{160}$ ⑥ $\frac{14}{160}$. Installed new oil filter and 8 qts Aeroshell 15W50 motor oil. Adjusted mag-engine timing. (continued next page) |

| 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 Technician or Repair Facility. (See back pages for other specific entries.) |
|-----------------|---------------------------|------------------|-----------------------------|--|
| | | | | <p>(continued from previous page)</p> <p>Complied with AD 93-02-05 by inspection per Lycoming SB 342 A, May 26, 1992. AD 93-02-05 next due 233.6 (Tach). All AD's reviewed through Federal biweekly supplement 97-06. All parameters within manufacturers limits during post inspection run-up.</p> <p>DATE <u>3-22-97</u> TACH TIME <u>133.6</u> TOTAL TIME <u>1585.8</u> I CERTIFY THAT THIS <u>Engine</u> HAS BEEN IN- SPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIR- WORTHY CONDITION.</p> <p><u>Gerard Terpstra</u> <u>GERARD TERPSTRA A&P34847091A</u></p> |

| DATE | 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 Technician or Repair Facility. (See back pages for other specific entries.) |
|----------|---------------------------|------------------|-----------------------------|--|
| 07-26-97 | 174.0 | Tach: | | Installed new oil filter, inspected old filter, no discrepancies noted, serviced with aeroshell 15W50 engine oil, no leaks noted —— Gerard Terpstra ATP3484709IA —— |
| 11-21-97 | 194.2 | INSTALLED | | WINTERIZATION PLATE. Jul 21/98 AIR 265858: |
| 3/6/98 | 200.1 | TACH | 1652.3 | T.T. Routine 100 hr inspection per Rockwell 114 check list. Compression of 8 psi as follows: ① 73 ② 72 ③ 73 ④ 74 ⑤ 72 ⑥ 74. Changed oil and filter. Sample taken at this time. Serviced engine w/ 8 psi Aeroshell 15W50 oil. Replaced spark plugs w/ new P/N RHM38 E. Checked and cleaned engine oil suction screen. C/W Bendix 500 hr magenta → |

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|--------------|---------------------------|------------------|-----------------------------|--|
| 3/6/98 | Cont.. | | | <p> Inspection. Replaced L/R contact point assys P/N 10-382585 w/new. Replaced both carbon brushes. Re-assembled and timed magneto per D-3000 maintenance manual. Re-installed and timed to engine per Lycoming specs. Replaced induction air filter (see airframe log entry, this date.) Replaced flexible engine p/b seal w/new P/N T-8071 seal. Replaced several fuel injection line clamps w/new. Replaced 2nd fuel injection nozzles w/new. Replaced #2 fuel injection line w/new. C/W Lycoming 400hr valve train inspection and replaced rocker cover gaskets w/new silicone type P/N SLR75096. Fuel nozzles cleaned and soaked in HOPPE'S #9 at this time. Re-installed nozzles and leak & satisfactory. </p> |

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|--------------|---------------------------|------------------|-----------------------------|---|
|--------------|---------------------------|------------------|-----------------------------|---|

3/6/98 Cont.

Washed engine & cowling. Lubed engine controls
(1W AD 93-02-05 on injection lines. I certify
that this engine has been inspected in
accordance with an 100hr inspection per FAR 43 app D
and was determined to be in air worthy condition.

END

CHYMB AP 32460683

3-6-98

1652:30

I certify that this Engine has been inspected
in accordance with an annual inspection and is
in an air worthy condition.

JP 32 AP 14485882

It be

| 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 Technician or Repair Facility. (See back pages for other specific entries.) |
|---------------------------|------------------|-----------------------------|---|
|---------------------------|------------------|-----------------------------|---|

DATE 2/15/99 MODEL Rockwell 114
 WO# 94932 S/N 14235
 TACH 244.4 REG N4911W
 T/T 1696.6 HOBBS n/a
 TSMOH 1696.6 CYCLES n/a



Stead Aviation Corporation

Manchester Airport 7 Green Drive
 Manchester, NH 03103-7443
 603-669-4360 Fax 603-663-8708
 Repair Station #H11R193K

Form SA-58

page 1 of 1

Log Book Attachment: **ENGINE**

Completed annual inspection this date using Rockwell inspection checklist. Cleaned gapped, tested and rotated spark plugs. Installed using new gaskets. Cleaned fuel injectors and servo screen. Checked magneto to engine timing; no adjustment necessary. Checked controls for travel and lubricated. Test-ran engine to check for proper operation and to test for leaks.. Results acceptable. Checked all AD's through bi-weekly 99-03.

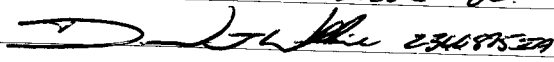
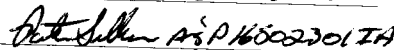
I certify that this powerplant has been inspected i/a/w 100 hr./annual as per Rockwell 114 maint. manual, and has been determined to be in an airworthy condition.

Christopher Eaton
 Repair Station #H11R193K

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|----------------|---------------------------|------------------|-----------------------------|---|
| 9/7/99 | 281.7 | TACH | | Changed oil & filter. Inspected old element, no defects noted at this time. Serviced engine w/ 8 qts Aeroshell 15W50 oil. C/W AD. 90-02-03 by visual inspection of prop hub. Next due @ 331.7 TACH. Run-up leak if satisfactory - END — JMK AIP 35460683 |

| DATE 12-2-00 | 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 Technician or Repair Facility. (See back pages for other specific entries.) |
|-----------------|---------------------------|------------------|-----------------------------|---|
| 2/3 | 296.0 | | | Clw Annual insp. per rockwell insp. cu list. comp. ✓ 1-70, 2-72, 3-74, 4-72 5-72, 6-74/80 O.I. changed 15W50 A/G added. Filters replaced C448103 + BA4005. OPS C45 + leak C45 OK Clw A.D. 93-02-05 per S.B. 342A due again at T: 396.0 Clw A.D. 90-02-23 per S.B. 164 due again at T: 344.0 I cert. This org. has been determined to be adequately. 025540512EA Signal DDH END OF ENTRY |

6CVA
 W/O
 IT
 0097

| DATE 2001 10 | 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 Technician or Repair Facility. (See back pages for other specific entries.) |
|--------------------|---------------------------|------------------|-----------------------------|---|
| SEPT 5 | 366.1 | | | CHANGED OIL & FILTER AEROSHELL 15W-50 & CH 48103. OIL SAMPLE SENT TO AVIATION OIL ANALYSIS. TEST RUN & LEAK CHECK OK. GATE CITY AIR INC W# 660  2346852A |
| 3-19-02 | 384.0 | | 1841.2 | 4w ANNUAL INSP. IAW. Rockwell 114 MAINT. MANUAL INSP. GUIDE, 4w COMPRESSION CHECK, 1) 74/80 2) 75/80 3) 78/80 4) 74/80 5) 74/80 6) 74/80, DRAINED OIL, REMOVED, INSPECTED & REPLACED FILTER 9w CH 48103, SERVICED ENG. w/ 8 QTS AEROSHELL 15W-50 OIL, SERVICED FUEL STRAINER & BOWL, INSPECTOR NOZZLES, FUEL FILTER, & SPARK PLUGS, INSP. MAG & MAG TO ENG. TIMING, 4w AD 93-02-05 OF FUEL INSPECTOR LINES, OK, GROUND RAN ENG. TO MANUFACTURERS SPECS, SATISFACTORY, LEAK CHECKED ENG. NO LEAKS NOTED @ THIS TIME, I CERT. BY THAT THIS ENG. HAS BEEN INSP. IAW. AN ANNUAL INSP. AND HAS BEEN DETERMINED TO BE IN AIRWORTHY COND-TION, -END-  A/P 16002301IA |

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|------------|---------------------------|------------------|-----------------------------|--|
| 19 2002 | | | | |
| 6/19/02 | 393.2 | | | Removed OIL Cooler winterization Plate Removed all Plugs and cleaned. Reinstalled plug, checked all fuel nozzles, cleaned as necessary. Reinstalled nozzles Runup & leak check ok. Doug Mann A01746481A |
| 2003 | | | | |
| 4-2-03 | 409.2 | | | Completed Annual Inspection IAW FAES Compression 1/77 2/78 3/75 4/77 5/74 6/75 CHANGE OIL & FILTER - ALKEMILL 15W50 REMOVE OIL COOLER PLATE ADJUST VAL TIMING TO ENGINE. CLEAN SPARK PLUGS. CHECK FUEL SCREENS. CHECK & WIRE CONTROLS C/W AD 2002-26-01 BY INSPECTING Fuel injection lines & clamps. UPDATE AD LISTS IN THE REAR OF THIS BOOK. ENGINE CLEANED GLA NO# 1218 BROOKHART AIR FILTER 2 ELEMENT REPAIRED. TEST RUN. |

THIS ENGINE WAS DETERMINED TO BE IN AN AIRWORTHY
CONDITION AT THIS TIME. D. L. Mann 2800751A

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|----------------|---------------------------|------------------|-----------------------------|--|
| 3-15-64 | 432.8 | | 1885 c | <p>INSPO. ENG. FOR ANNUAL INSPO. IAW Rodewen 114 MAINT. MANUAL INSPO GUIDE CHECK LIST, DRAINED OIL, REMOVED INSPO. & REPLACE FILTER A/N CH48103, SERVICED ENG. w/ BOTS REGRIND 15W-50 OIL & W COMP, WERE AS FOLLOWS, 1) $\frac{75}{160}$ 2) $\frac{75}{160}$ 3) $\frac{75}{160}$ 4) $\frac{75}{160}$ 5) $\frac{75}{160}$ 6) $\frac{75}{160}$ SERVICED ALL SPARK PLUGS, FUEL STRAINER, & FUEL NOZZLES, & AD 96-12-07 OF MAG IN PULSE WORKING NO DEFECTS NOTED, REPLACED RIGHT SIDE MAG TIMING GEAR ASSY. INTERNALLY TIMED MAG & INST. & TIMED TO ENG. & AD 2002-26-01 OF INJECTOR LINES NO DEFECTS NOTED, PERFORMED ALTERNATE 500 HR. INSPO. OIL, GROUND RUN ENG. TO MANUFACTURER'S SPECS, SATISFACTORY, LEAK CHECKED ENG. NO LEAKS NOTED AT THIS TIME, RESEARCH, VERIFY, AND CHECK ALL ADS THROUGH ATP 01-WEEKLY, PLEASE SEE LISTING FOR UPDATES, I CERTIFY THAT ENG. HAS BEEN INSPECTED IAW AN ANNUAL INSPO. & HAS BEEN FOUND IN AIRWORTHY CONDITION AT THIS TIME & IS RETURNED TO SERVICE. - END Paul Selzer AIP 16502301-1A</p> |

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|----------------|---------------------------|------------------|-----------------------------|---|
| <i>10/2004</i> | | | | |
| <i>4-9-04</i> | <i>4330</i> | | | <i>Removed STARTER M24222 and Installed new SkyTec STARTER Pt # 149-12 NT. Replaced Pt Side Magneto Capacitor Run-up OK Doug Mears A&P27921821A</i> |

Leland Aero Service LLC

5 Perimeter Rd. Nashua, NH 03063

DATE: 5-13-05

N#: N4911W

TACH: 449.5

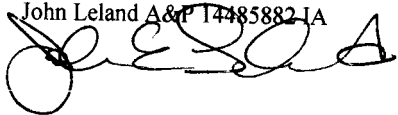
TSN: 1901.7

Engine Logbook Entry

Inspected engine using Rockwell 114 Inspection guide and FAR 43 appx. D. Performed compression test: #1- 75/80, #2- 75/80, #3- 72/80, #4- 75/80, #5- 75/80, #6- 76/80. Drained oil and inspected oil filter, no metal found. Installed new filter and serviced engine with 8 quarts of Aeroshell 15W50 oil. Cleaned, gapped and reinstalled all spark plugs. Cleaned and inspected fuel system filters and screens. Checked magneto-to-engine timing. Removed and replaced magneto hold down plates. Complied with AD# 02-26-01, fuel injection line inspection, no discrepancies noted. Adjusted idle-mixture to proper setting. Engine performance and leak checks good during ground run-up. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Doug Mears

Doug Mears
A&P27921821A

| 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 Technician or Repair Facility. (See back pages for other specific entries.) |
|-----------------|---------------------------|------------------|-----------------------------|---|
| | | | | <p align="center">Leland Aero Service LLC 5 Perimeter Rd. Nashua, NH 03063 Lycoming IO540-T4B5D s/n L-16087-48</p> <p>DATE: 6-23-06 N#: N4911W TACH: 458.2 TSN: 1910.4</p> <p align="center">Engine Logbook Entry</p> <p>- Inspected engine using Rockwell 114 Inspection Guide. Performed compression test: #1- 78/80, #2- 72/80, #3- 76/80, #4- 77/80, #5- 76/80, #6- 78/80. Drained oil and inspected oil filter, no metal found. Installed new filter and serviced engine with 8 quarts of Aeroshell 15W50 oil. Cleaned, gapped, painted and reinstalled all spark plugs. Cleaned and inspected fuel system filters and screens. Checked magneto-to-engine timing. Checked all controls for travel and security, lubed same. Complied with AD# 02-26-01, fuel injection line inspection, no discrepancies noted. Adjusted idle-mixture to proper setting. Washed engine and cowl. Engine performance and leak checks good during ground run-up. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p> <p align="right">John Leland A&P 144858821A </p> |

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|------------------|---------------------------|------------------|-----------------------------|---|

Leland Aero Service LLC

5 Perimeter Rd. Nashua, NH 03063

Lycoming IO540-T4B5D s/n L-16087-48

DATE: 7/1/07

N#: N4911W

TACH: 481.9

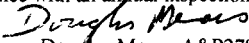
TSN: 1934.1

Engine Logbook Entry

Inspected engine using Rockwell 114 Inspection Guide. Performed compression test: #1- 77/80, #2- 75/80, #3- 72/80, #4- 72/80, #5- 76/80, #6- 77/80. Drained oil and inspected oil filter, no metal found. Installed new filter and serviced engine with 8 quarts of Aeroshell 15W50 oil. Cleaned, gapped, and reinstalled all spark plugs. Cleaned and inspected fuel system filters and screens. Checked magneto-to-engine timing. Checked all controls for travel and security, lubed same. Complied with AD# 02-26-01, fuel injection line inspection, no discrepancies noted. Washed engine and cowl. Engine performance and leak checks good during ground run-up. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Douglas Mears

Douglas Mears A&P27921821A

| DATE 19 _____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small> |
|------------------|---------------------------|------------------|-----------------------------|---|
| | | | | Leland Aero Service LLC 5 Perimeter Rd. Nashua, NH 03063 Lycoming IO540-T4B5D s/n L-16087-48 DATE: 9/1/08 N#: N4911W TACH: 502.1 TSN: 1954.3 Engine Logbook Entry <p>- Inspected engine using Rockwell 114 Inspection Guide. Performed compression test: #1- 72/80, #2- 72/80, #3- 72/80, #4- 73/80, #5- 71/80, #6- 72/80. Drained oil and inspected oil filter, no metal found. Installed new filter and serviced engine with 8 quarts of Aeroshell 15W50 oil. Cleaned, gapped, and reinstalled all spark plugs. Cleaned and inspected fuel system filters and screens. Checked magneto-to-engine timing. Checked all controls for travel and security, lubed same. Complied with AD# 08-14-07, fuel injection line inspection, no discrepancies noted. Washed engine and cowl. Engine performance and leak checks good during ground run-up. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p> <div style="text-align: right;">  Douglas Mears A&P2792182IA </div> |

DATE

19

5 Perimeter Rd. Nashua, NH 03063

Lycoming IO540-T4B5D s/n L-16087-48

DATE: 9/21/09

N#: N4911W

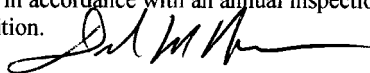
TACH: 511.8

TSN: 1963.4

Engine Logbook Entry

Inspected engine using checklist in conformance with FAR 43.15©(1). Performed compression test: #1- 76/80, #2- 75/80, #3- 76/80, #4- 77/80, #5- 74/80, #6- 74/80. Drained oil and inspected oil filter, no metal found. Installed new filter and serviced engine with 8 quarts of Aeroshell-15W50 oil. Cleaned, gapped, and reinstalled all spark plugs. Cleaned and inspected fuel system filters, screens and fuel injector nozzles. Checked magneto-to-engine timing. Checked all controls for travel and security, lubed same. Complied with AD# 08-14-07, fuel injection line inspection, no discrepancies noted. Washed engine and cowl. Engine performance and leak checks good during ground run-up.

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



Derek M. Berna A&P2669895801A

s and Alterations

PROTECT YOUR STARTER

This aircraft is equipped with a high performance Sky-Tec Flyweight™ starter.

DO NOT CRANK FOR MORE

THAN 10 SECONDS!

Allow 20 seconds to cool-down

between attempts. Repeat up to 6 times.

Then let starter cool for 30 minutes.

Valiant Aviation Maintenance, Inc.

4/2/2010

N4911W, ROCKWELL 114, S/N: 14231

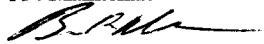
LYCOMING IO-540-T4B5D, S/N: L-16

Removed the Sky-Tec Starter P/N: 149-12

149-NL, S/N: FN-111016. Performed an o

weight and balance. All work done I/A/W

114 Maintenance Manuals.



Brian J Miceli AP5918282481A

FAA-PMA

This tag certifies that Sky-Tec starter Model 149-NL SN FN-111016 was produced by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement No. 7 per CFR14 Part 21 in accordance with Sky-Tec's FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and conforms to the relevant FAA-approved drawings. This part has been determined to be airworthy. For installation eligibility see www.skytecair.com/eligibility.htm.

Starter Installed on N 4911W
(Aircraft)

4-2-2010
(Date of Installation)

by Brian Miceli
(Mechanic)

AP5918282481A
(A&P 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 Technician or Repair Facility. (See back pages for other specific entries.) |
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|------------------|---------------------------|------------------|-----------------------------|---|

Valiant Aviation Maintenance, Inc.

270 Estrella Avenue

10/14/2010

St. Augustine, FL 32095

N4911W, ROCKWELL AERO COMMANDER 114, S/N: 14235, TACH: 522.9, AFTT: 1974.5

LYCOMING, IO-540-T4B5D, S/N: L-16087-48, ETSN: 1974.5

Completed an Annual/100 Hour Inspection I/A/W the LYCOMING IO-540-T4B5D Maintenance Manual and FAR Part 43 Appendix D. Compressions: 1/75, 2/72, 3/68, 4/73, 5/72, 6/74. Drained oil from engine and oil coolers. Inspected oil filter for contamination, none found. Installed a new oil filter, P/N: CH48103 and serviced the engine with 7 quarts of Aeroshell 15W/50 aircraft engine oil. Inspected the magneto to engine timing and adjusted as required. Cleaned, gapped, inspected and rotated spark plugs. Inspected all ignition and fuel components. Washed engine with mineral spirits. Inspected and lubed all engine controls. Performed an operational inspection of the engine and related systems, all systems checked normal and no leaks were noted. The following applicable AD's were C/W, see enclosed ATP Compliance Report.

_____, by visual inspection of the fuel injection lines, no defects noted at this time, _____

_____, by replacement of the fuel servo plug gasket with P/N: 2577258, repetitive inspections no longer required due to new gasket being installed.

I certify that this Engine has been inspected I/A/W an Annual/100 Hour Inspection and was determined to be in an airworthy condition and is approved for return to service at this time.


Brian J Miceli AP591828248IA

| 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 Technician or Repair Facility. (See back pages for other specific entries.) |
|------------------|---------------------------|------------------|-----------------------------|---|
|------------------|---------------------------|------------------|-----------------------------|---|

Premier Aviation, St. Augustine, FL (904) 677-8587

Rockwell Aero Commander 114

N4911W

S/N: 14235

Engine Model: IO-540-T4B5D

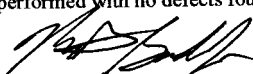
Engine S/N: L-16087-48

Tach: 525.3 hrs

Engine Total Time: 1977.5 hrs

Date: April 6, 2011

1. Removed engine cowling.
2. Removed magneto P/N 10-682560-11, S/N E269209GR and sent to Executive Accessories, Inc. for overhaul. See work order 18927 for specific details. Reinstalled overhauled magneto using new gasket P/N LW-12681, (2) new clamps P/N 66M19385, and (2) new lock washers P/N STD-475. Timed to engine at 25 degrees BTC. Torqued attaching nuts to 17 ft-lbs.
3. Removed all spark plugs, cleaned gapped, tested, rotated and reinstalled with new gaskets using (1) new spark plug P/N RHM-38E installed in the bottom of cylinder #5.
4. Removed and replaced ignition harness with new P/N M2919.
5. Ground run-up / leak check performed with no defects found.
6. Reinstalled engine cowling.



Matthew R. Sandefur
A & P 2842257

| 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 Technician or Repair Facility. (See back pages for other specific entries.) |
|----------------|---------------------------|------------------|-----------------------------|---|
| | | | | |

PREMIER AVIATION

St. Augustine FL

(904) 677-8587

N4911W

Rockwell Aero Commander 114

S/N: 14235

Engine Model: IO-540-T485D

Engine S/N: L-16087-48

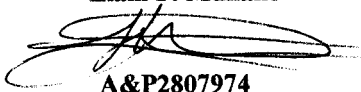
Tach: 529.1 hrs

Engine Total Time: 1981.3 hrs

Date: 27 June 2011

1. Removed engine cowling.
2. Removed bottom #3 spark plug, installed, gapped, & tested, (1) new spark plug P/N RHM-38E installed in the bottom of cylinder #3.
3. Ground run-up / leak check performed with no defects found.
4. Reinstalled engine cowling.

Liam P. Mullane



A&P2807974

| DATE | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations |
|----------|---------------------------|------------------|-----------------------------|--|
| 19 _____ | | | | Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |

Valiant Aviation Maintenance, Inc.
12/12/2011

478 Homestead Drive
Dallas, Georgia 30157

N4911W, ROCKWELL AERO COMMANDER 114, S/N: 14235, TACH: 537.1, AFTT: 1988.7
LYCOMING, IO-540-T4B5D, S/N: L-16087-48, ETSN: 1988.7

Completed an Annual / 100 Hour Inspection I/A/W the Lycoming IO-540-T4B5D Maintenance Manual and FAR Part 43 Appendix D. Compressions: 1/74, 2/74, 3/72, 4/74, 5/74, 6/70. Drained oil from engine and oil cooler. Inspected oil filter for contamination, none found. Installed a new oil filter, P/N: 48103 and serviced the engine with 7 quarts of Aeroshell 15W/50 aircraft engine oil. Inspected the magneto to engine timing and adjusted as required. Removed, cleaned, gapped, inspected, rotated and reinstalled spark plugs. Inspected all ignition and fuel components. Inspected and lubed all engine controls. Performed an Operational Inspection of the engine and related systems, all systems checked normal and no leaks were noted. Complied with AD2008-14-07 by performing a Visual Inspection of the fuel injection lines, no defects noted at this time, next due at TACH: 637.1.

I certify that this Engine was Inspected I/A/W an Annual / 100 Hour Inspection as per FAR Part 43 Appendix D and was determined to be in an Airworthy Condition and is Approved for Return-to-Service at this time.



Brian J Miceli AP591828248IA

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| 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 Technician or Repair Facility. (See back pages for other specific entries.) |
|----------------|---------------------------|------------------|-----------------------------|---|
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Seraph Aviation Maintenance

12/17/2012

478 Homestead Drive


Dallas, Georgia 30157

N4911W, ROCKWELL AERO COMMANDER 114, S/N: 14235, TACH: 543.8, AFTT: 1995.4

LYCOMING, IO-540-T4B5D, S/N: L-16087-48, ETSN: 1995.4

Completed an Annual / 100 Hour Inspection I/A/W the Lycoming IO-540-T4B5D Maintenance Manual and FAR Part 43 Appendix D. Compressions: 1/74, 2/74, 3/73, 4/72, 5/73, 6/71. Drained oil from engine and oil cooler. Inspected oil filter for contamination, none found. Installed a new oil filter, P/N: 48103 and serviced the engine with 7 quarts of Aeroshell 15W/50 aircraft engine oil. Inspected the magneto to engine timing and adjusted as required. Removed, cleaned, gapped, inspected, rotated and reinstalled spark plugs. Inspected all ignition and fuel components. Inspected and lubed all engine controls. Performed an Operational Inspection of the engine and related systems, all systems checked normal and no leaks were noted. Complied with AD2011-26-04 by performing a Visual Inspection of the fuel injection lines, no defects noted at this time, next due at TACH: 643.8.

I certify that this Engine was Inspected I/A/W an Annual / 100 Hour Inspection as per FAR Part 43 Appendix D and was determined to be in an Airworthy Condition and is Approved for Return-to-Service at this time.


Brian J Miceli AP5918282481A

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| DATE | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations |
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| 19 ____ | | | | Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
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MICELI, INC.

1/1/2014

478 Homestead Drive

Dallas, Georgia 30157

N4911W, ROCKWELL AERO COMMANDER 114, S/N: 14235, TACH: 548.3, AFTT: 1999.9

LYCOMING, IO-540-T4B5D, S/N: L-16087-48, ETSN: 1999.9

Completed an Annual / 100 Hour Inspection I/A/W the Lycoming IO-540-T4B5D Maintenance Manual and FAR Part 43 Appendix D. Compressions: 1/76, 2/76, 3/66, 4/77, 5/68, 6/76. Drained oil from engine and oil cooler. Inspected oil filter for contamination, none found. Installed a new oil filter, P/N: 48103 and serviced the engine with 7 quarts of Aeroshell 15W/50 aircraft engine oil. Inspected the magneto to engine timing and adjusted as required. Removed, cleaned, gapped, inspected, rotated and reinstalled spark plugs. Inspected all ignition and fuel components. Inspected and lubed all engine controls. Performed an Operational Inspection of the engine and related systems, all systems checked normal and no leaks were noted. Complied with AD2011-26-04 by performing a Visual Inspection of the fuel injection lines, no defects noted at this time, next due at TACH: 648.3.

I certify that this Engine was Inspected I/A/W an Annual / 100 Hour Inspection as per FAR Part 43 Appendix D and was determined to be in an Airworthy Condition and is Approved for Return-to-Service at this time.


Brian J Miceli AP591828248IA

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| 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 Technician or Repair Facility. (See back pages for other specific entries.) |
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MICELI, INC.

478 Homestead Drive

1/11/2015


Dallas, Georgia 30157

N4911W, ROCKWELL AERO COMMANDER 114, S/N: 14235, TACH: 552.7, AFTT: 2004.3

LYCOMING, IO-540-T4B5D, S/N: L-16087-48, ETSN: 2004.3

Completed an Annual / 100 Hour Inspection I/A/W the Lycoming IO-540-T4B5D Maintenance Manual and FAR Part 43 Appendix D. Compressions: 1/76, 2/73, 3/75, 4/77, 5/70, 6/76. Drained oil from engine and oil cooler. Inspected oil filter for contamination, none found. Installed a new oil filter, P/N: 48103 and serviced the engine with 7 quarts of Aeroshell 15W/50 aircraft engine oil. Inspected the magneto to engine timing and adjusted as required. Removed, cleaned, gapped, inspected, rotated and reinstalled spark plugs. Inspected all ignition and fuel components. Inspected and lubed all engine controls. Performed an Operational Inspection of the engine and related systems, all systems checked normal and no leaks were noted. Complied with AD2011-26-04 by performing a Visual Inspection of the fuel injection lines, no defects noted at this time, next due at TACH: 652.7.

I certify that this Engine was Inspected I/A/W an Annual / 100 Hour Inspection as per FAR Part 43 Appendix D and was determined to be in an Airworthy Condition and is Approved for Return-to-Service at this time.


Brian J Miceli AP591828248IA

| DATE | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations |
|----------|---------------------------|------------------|-----------------------------|--|
| 19 _____ | | | | Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |

MICELI, INC.

3/01/2016

178 Spring Dale Lane

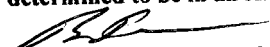
Dallas, Georgia 30157

N4911W, ROCKWELL AERO COMMANDER 114, S/N: 14235, TACH: 570.6, AFTT: 2022.2

LYCOMING, IO-540-T4B5D, S/N: L-16087-48, ETSN: 2022.2

Completed an Annual / 100 Hour Inspection I/A/W the Lycoming IO-540-T4B5D Maintenance Manual and FAR Part 43 Appendix D. Compressions: 1/77, 2/76, 3/70, 4/78, 5/77, 6/74. Drained oil from engine and oil cooler. Inspected oil filter for contamination, none found. Installed a new oil filter, P/N: 48103 and serviced the engine with 7 quarts of Aeroshell 15W/50 aircraft engine oil. Removed Propeller, replaced Alternator Belt, reinstalled and safetied Propeller. Inspected the magneto to engine timing and adjusted as required. Removed, cleaned, gapped, inspected, rotated and reinstalled spark plugs. Inspected all ignition and fuel components. Inspected and lubed all engine controls. Performed an Operational Inspection of the engine and related systems, all systems checked normal and no leaks were noted. Complied with AD2015-19-07 by performing a Visual Inspection of the fuel injection lines, no defects noted at this time, next due at TACH: 670.6.

I certify that this Engine was Inspected I/A/W an Annual / 100 Hour Inspection as per FAR Part 43 Appendix D and was determined to be in an Airworthy Condition and is Approved for Return-to-Service at this time.


Brian J Miceli AP5918282481A

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TTE: 2046.1 TSMOH: 2046.1

Saint Augustine, Florida 32095

Tach: 594.5

Maintenance Record (Engine)

Performed a ANNUAL inspection in accordance with ROCKWELL INTERNATIONAL 114 maintenance manual and Part 43 Appendix D.

Compressions (#1) 76/80; (#2) 76/80; (#3) 74/80; (#4) 75/80; (#5) 76/80; (#6) 78/80

Drained oil and serviced with 7qts Aeroshell 15w/50 oil. R&R AA48103 oil filter. Cleaned, gapped, and rotated plugs

C/W AD2011-26-04 by visual inspection of fuel injector lines, no defects noted, next due: T TAF: 2146.1

All applicable AD's C/W at this time. Ops check good.

I certify that this Engine has been inspected in accordance with a ANNUAL inspection and has been determined to be in airworthy condition

Willson, Zachary
A&P33894871A

[illegible]

09/01/2019

Rockwell Aero Commander 114, Registration: N4911W

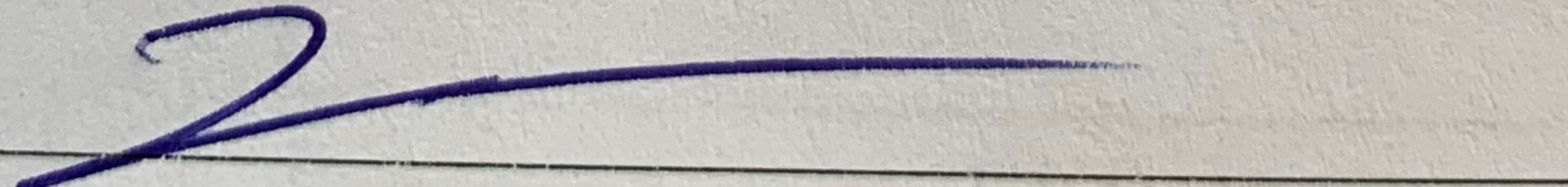
Airframe: 114 S/N: 14235 TACH: 596.2 TT: 2047.8 hrs

Engine: P/N: Lycoming IO-540-T4B5D S/N: L-16087-48 TT: 2047.8 hrs

1. Completed an Annual Inspection of this engine in accordance with Title 14, Chapter 1, Subchapter C, Part 43, Appendix D "Scope and Detail of Items to be Included in Annual and 100-Hour Inspections."
2. Compression check results: Cylinder #1 - 76/80, #2 - 74/80, #3 - 70/80, #4 - 72/80, #5 - 70/80, #6 - 74/80
3. Drained oil and serviced with 8qts Aeroshell 15W50 oil. R&R CH48103 oil filter.
4. C/W AD15-19-07 by visual inspection, next due: TTAF 2147.8.
5. AD's checked through bi-weekly 2019-16.

I certify this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

Date: 9-1-19

Signature: 

Cert. No: A&P 3389487 IA