

N547T opened 1/31/2024

#3



*The Standard*

# ENGINE LOG

ASA-SF-2

The subject aircraft was involved in an incident / accident on 10/24/2024 rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: 3261301710US.

Signed: ***Underwriters Salvage Company***

Date: **2/17/2025**

ALG Aerospace Adjustment Services Inc  
3500 Lenox Road, Suite 1100

| 20<br>DATE | TACH<br>TIME | TOTAL<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and<br>Entries must be endorsed with Name, Rating and Certificate<br>Technician or Repair Facility. (See back pages for other spec |
|------------|--------------|-----------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|------------|--------------|-----------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

N5117T

✦ SANTA FE

# AERO SERVICES

Engine Log

AVIONICS • MAINTENANCE • SALES  
FAA Approved Repair Station PLVRS37X

109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

Date: 09/24/2024 Make: LYCOMING Model: O-540-L3C5D S/N: L-22886-40A  
Tach: 1549.9 Hobbs: 5214.2 TSMOH: NA

DRAINED ENGINE OIL, CUT OPEN FILTER AND INSPECTED FOR ANOMALOUS DEBRIN  
SMALL MAGNETIC FRAGMENTS NOTED INSTALLED, BOBQUED, AND SALTED IN NEW OIL  
FILTER P/N A48103-2 AND SERVICED ENGINE WITH 8 QTS OF A515W 5000  
BLACKSTONE SPECTROMETRIC ANALYSIS SAMPLE TAKEN, FLAK CHECK, SATISFACTORY

  
Arturo Torres  
A&P2834035

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SC 24-0476

YEAR  
20  
DATE

N5117T

SANTA FE

# AERO SERVICES

AVIONICS • MAINTENANCE • SALES  
FAA Approved Repair Station PUVR537X

Engine Log

109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

Date: 01/24/2024 Make: LYCOMING Model: O-540-L3C5D S/N: L-22886-40A  
Tach: 1364.4 Hobbs: 4978.8 TTE = TACH + 1567.7 = 2932.1 ISO = TACH + 7.1 = 1371.5  
C/W A 100 HOUR INSPECTION IN SUPPORT OF AN ANNUAL REFERENCING CESSNA  
INSPECTION CHECKLIST AND LYCOMING MANUAL. RESEARCHED AD'S THROUGH  
01/24/2024. DUE ITEMS ARE DOCUMENTED BELOW.  
• C/W AD 2005-12-06 BY 500 HOUR INSPECTION OF THE MAGNETO. WORK WAS  
ACCOMPLISHED BY AEC CRS#S7HR883J UNDER WORK ORDER 127224-1. REINSTALLED  
AND TIMED MAGNETO PER ENGINE DATA PLATE.  
• COMPRESSIONS FOLLOW: #1 76/80 #2 79/80 #3 78/80 #4 78/80 #5 77/80 #6 79/80 MO 43/80.  
• PERFORMED ENGINE OIL CHANGE, WITH BLACKSTONE SAMPLE. REMOVED AND  
CUT OPEN OLD FILTER TO INSPECT FOR ANOMALOUS DEBRIS. NONE NOTED.  
INSTALLED NEW CH48103-1 FILTER, TORQUED, AND SAFETIED AS REQUIRED.  
SERVICED ENGINE WITH 8 QTS OF A/S 15W-50  
• INSTALLED NEW GROMMET TO IGNITION HARNESS PASS THROUGH LOCATIONS.  
• INSTALLED NEW GASKET TO #1 INDUCTION TUBE P/N 71973  
• INSTALLED NEW GASKET TO OIL FILTER CONVERTER PLATE P/N 06B23072 PER  
SB543B AND S11453.  
• REPLACED BROKEN SAFETY WIRE AT VERNITHERM.  
• TORQUED AND RESAFETIED OIL FILLER TUBE.  
• REPLACED ALL EXHAUST CYLINDER FLANGE GASKETS P/N 77611.

N5117T

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# AERO SERVICES

AVIONICS • MAINTENANCE • SALES  
FAA Approved Repair Station PUVR537X

Engine Log

109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

• TORQUED & RESAFETIED HARDWARE AT TURBO OIL INLET AND OUTLET PORTS.  
• RETENSIONED ALTERNATOR BELT SAFETIED AS REQUIRED.  
• REPLACED GASKET AT OIL TEMPERATURE PROBE.  
• ENGINE PREHEAT SYSTEM HAS BEEN DEACTIVATED DUE TO FAULTY SUMP  
ELEMENT.  
This Engine has been inspected IAW a 100 Hour Inspection and has been determined to be in airworthy  
condition and is approved for return to service.  
Gerardo Ontiveros

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # 24-0123  
A&P2819356 IA

## ests, Repairs and Alterations

Rating and Certificate Number of  
ck pages for other specific entries.)

YEAR  
20  
DATE

RECORDING  
TACH  
TIME

TODAY'S  
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.)

N5117T

SANTA FE

# AERO SERVICES

AVIONICS • MAINTENANCE • SALES  
FAA Approved Repair Station PUVR537X

Engine Log

109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

Date: 5/17/2024 Make: LYCOMING Model: O 540-L3C5D S/N:  
Tach: 1404.2 TSMOH: N/A TT: N/A  
DRAINED ENGINE OIL. CUT OPEN FILTER AND INSPECTED OIL FILTER FOR  
DEBRIS. NO DEFECTS NOTED AT THIS TIME. INSTALLED NEW OIL FILTER P/N  
AA48103-2 AND SERVICED WITH 8 QTS. OF AEROSHELL 15W50 OIL. SAFETIED  
AS REQUIRED. INSTALLED NEW FT-60 FUEL FLOW TRANSDUCER PROVIDED  
BY DYNON UNDER WARRANTY. RESET FUEL FLOW CALIBRATION TO 68000  
PER CONFIGURATION MANUAL 10.7.3.5. INSTALLED CARBURATOR AFTER  
O/H, SET IDLE SPEED AND MIXTURE. INSTALLED O/H'D ENGINE FUEL PUMP.  
PERFORMED GROUND RUN AND LEAK CHECKS. SATISFACTORY. APPROVED  
FOR RETURN TO SERVICE.

CHRIS D. RIA  
A&P2834320

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # 24-0123

## Engine Record General Information

Manufacturer Lycoming Model O-540-L3C5D

Serial L-22886-40A Type Certificate \_\_\_\_\_

This engine is currently installed in aircraft: NS117T TR182 R18201517

Minimum Octane Fuel \_\_\_\_\_ Oil Grade Summer \_\_\_\_\_ Winter \_\_\_\_\_

Magneto Time \_\_\_\_\_ Point Setting \_\_\_\_\_ Firing Order \_\_\_\_\_

Spark Plug Gap \_\_\_\_\_

Manufacturer's Recommended Overhaul at \_\_\_\_\_ hours

NS117T closed 1/24/2024

#2

***LYCOMING***

A Textron Company

# ENGINE LOG

**SSP-1872-1**

DATE \_\_\_\_\_

# Service Bulletins, Letters, Instructions & A D Notes

N5117T

✦ SANTA FE

**AERO SERVICES**AVIONICS • MAINTENANCE • SALES  
FAA Approved Repair Station PUVR537X

Engine Log

109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

Date: 11/13/2023 Make: Lycoming Model: O-540-L3C5D S/N: L-22886-40A  
Tach: 1359.7 Hobbs: 4972.8 AFTT: N/A

- REMOVED AND RE-INSTALLED PROPELLER GOVERNOR WITH NEW GAS-KET AFTER BENCH TEST, P/N C290D3J/T22 S/N 811797, WORK PERFORMED BY NM PROPELLER. NO DEFECTS FOUND DURING TEST.
  - REMOVED PROPELLER AND RE-INSTALLED AFTER OVERHAUL BY NEW MEXICO AIRCRAFT PROPELLER, LLC, WORK ORDER 6247, PROP PN: B3D32C407-C SN: 042634.
- GROUND RAN FOR GROUND OPS AND LEAK CHECKS. RPM AND MANI-FOLD GROUND CHECKS GOOD. OPS AND LEAK CHECKS GOOD AT THIS TIME. FLY AND OPS CHECK.

Carlos A. Garzon M.

A&amp;P-3672156

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-23-0500

DATE \_\_\_\_\_

## Service Bulletins, Letters, Instructions & A D Notes

N5117T

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**AERO SERVICES**

AVIONICS • MAINTENANCE • SALES  
FAA Approved Repair Station PUVR537X

Engine Log

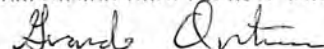
109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

Date: 06/01/2023 Make: LYCOMING Model: O-540-L3C5D S/N: L-22886-40A

Tach: 1271.0 Hobbs: 4864.7 TT: unk.

- DRAINED ENGINE OIL, CUT OPEN FILTER AND INSPECTED OIL FILTER FOR DEBRIS. NO DEFECTS NOTED AT THIS TIME. INSTALLED NEW OIL FILTER P/N AA48103-2 AND SERVICED WITH 8 QTS OF AEROSHIELD 15W50 OIL. SAFETIED AS REQUIRED. PERFORMED GROUND RUN AND LEAK CHECKS. LEAK CHECKS SATISFACTORY.

Gerardo Ontiveros



A&P 2819356

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-23-0210

DATE \_\_\_\_\_

N5117T

✦ SANTA FE

**AERO SERVICES**

AVIONICS • MAINTENANCE • SALES  
FAA Approved Repair Station PUVR537X

Engine Log

109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

Date: 087-01-23 Make: LYCOMING Model: 0540-L3C5D S/N: 1.22886-40-A

Tach: 1333.0 Hobbs: 49403 TTAF:

SERVICED ENGINE WITH 8 QTS. A/S 15W50 OIL AND AA48103-2 OIL FILTER. TOOK OIL SAMPLE. CUT OPEN FILTER. NO DEFECTS NOTED. INSTALLED NEW TURBOCHARGER VALVE P/N S2535. GROUND RAN. LEAK CHECK. OPERATIONAL CHECK SATISFACTORY.



DANIEL GOWE A&P 558904411

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # so-23-0316

## Serial No.

**Signature**

License  
Number

IA 1726616 William M. Owens

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.**

DATE \_\_\_\_\_

N5117T

✦ SANTA FE

# AERO SERVICES

AVIONICS • MAINTENANCE • SALES  
FAA Approved Repair Station PL/VR537X

109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

Date: 4/5/2023 Make: LYCOMING Model: S/N:

|              |            |         |
|--------------|------------|---------|
| Tach: 1226.5 | TSMOH: N/A | TT: N/A |
|--------------|------------|---------|

DRAINED ENGINE OIL. CUT OPEN FILTER AND INSPECTED OIL FILTER FOR DEBRIS. NO DEFECTS NOTED AT THIS TIME. INSTALLED NEW OIL FILTER P/N AA48103-2 AND SERVICED WITH 8 QTS. OF AEROSHELL 15W50 OIL. SAFETIED AS REQUIRED, PERFORMED GROUND RUN AND LEAK CHECKS. LEAK CHECKS SATISFACTORY.

Steven Bunch  
A&P 525519232

lll

# ENGINE LOG

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

| Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Time   |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS      | Signature | License Number |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|------------------------------------------------|-----------|----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Hrs    | Min |                                                |           |                |
| 8/27/20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Engine |     | N5117T Tach: 1174.1 TTE: 2735.84 TSMOH: 1174.1 |           |                |
| <p>Completed condition inspection (research and development experimental aircraft) in accordance with Snohomish Flying Service, Inc. Single Engine Inspection Checklist (reference W/O 7233), FAR 43 Appx. D, and Cessna R182/TR182 1978-1986 Maintenance Manual. Checked all applicable AD's up to date. Performed compression check over 80 as follows: Cylinder 1) 79 2) 73 3) 78 4) 73 5) 77 6) 76. Checked magneto to engine timing. Cleaned, gapped, and tested spark plugs. Drained oil, Replaced filter P/N CH48103-1, cut old filter w/ no metal found. Serviced engine with 8 quarts of Aeroshell 15W-50. Cleaned gascalator fuel screen. Rigged turbo wastegate control cable. Performed ground run and leak check w/ no defects found.</p> |        |     |                                                |           |                |
| <p>I certify this engine has been inspected in accordance with a condition inspection and was found to be in airworthy condition at this time.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |     |                                                |           |                |
| <p>Brian Beames AP3529316IA </p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |     |                                                |           |                |
| <p>Total to Date</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |     |                                                |           |                |

# ENGINE LOG

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

| Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Time   |      | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|-------------------------------------------|-----------|----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Hrs    | Min  |                                           |           |                |
| 09/07/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1198.0 | TACH | 1198.0 SMOH                               |           |                |
| <p>Annual Inspection of this <b>engine</b> completed per Appendix D, Part 43, <b>condition</b> Inspection Check List. Inspected exhaust and turbo system. Checked engine controls for travel and lubed all controls. Compression check: 1. 78/80, 2. 79/80, 3. 77/80, 4. 74/80, 5. 80/80, 6. 80/80. Checked mag timing (25 deg.). All AD's checked and verified thru Bi-weekly <b>2021-19/20</b>. I certify that this <b>engine</b> has been inspected in accordance with an <b>condition</b> inspection and was determined to be in airworthy condition.</p> |        |      |                                           |           |                |
| <p>IA 1726616 William M. Owens </p>                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |      |                                           |           |                |
| <p>Page Total</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |      |                                           |           |                |
| <p>Brought Forward</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |      |                                           |           |                |
| <p>All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.</p>                                                                                                                                                                                                                                                                                                                                                                                                                             |        |      |                                           |           |                |

# ENGINE LOG

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

License  
Number

Date

Leland Aero Service LLC  
5 Perimeter Rd. Nashua, NH 03063

Lycoming O540-L3C5D s/n L-22886-40A

DATE: 5/9/2019 N#: N5117T TACH: 1142.0 TTSN: 2703.74 TSMOH: 1142.0

ENGINE LOGBOOK

Removed carburetor for repair by D&G Supply (see 8130-3). Reinstalled after repair using new gaskets and locking hardware. Completed performance run-up and leak checked, none found. Aircraft test flown 1.0 hours, all functions normal.-----End-----

John Leland A&P 3457833 IA

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. \_\_\_\_\_

License  
Number

Date

Leland Aero Service LLC

5 Perimeter Rd. Nashua, NH 03063

Lycoming O540-L3C5D s/n L-22886-40A

DATE: 6-24-2019 N#: N5117T TACH: 1147.64 TTSN: 2709.38 TSMOH: 1147.64

ENGINE LOGBOOK

Complied with an annual inspection in accordance with the scope and detail found in FAR Part 43 Appendix D. Performed a differential compression check of the engine cylinders: 76, 76, 76, 75, 76, 76 / 80 PSI. Drained the engine oil and removed the oil filter. Inspected the element for contamination - none found. Installed a new oil filter and serviced the sump with 7 quarts of AeroShell 15w-50 engine oil and 11.2 oz. of Cam Guard oil additive. Cleaned, checked the gap, test-fired, and rotated the spark plugs. Cleaned all fuel screens and filters. Replaced the induction filter element. Replaced the rocker cover gaskets on cylinders #1 and #3. Checked for new and applicable Airworthiness Directives. Washed the engine. Lubricated the wastegate with Mousemilk. Perform a satisfactory ground run - no leaks noted at this time.-----End-----

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

John Leland A&P 3457833 IA

Total to Date

Certificate Number MUST be Shown.

Date

Leland Aero Service LLC  
5 Perimeter Rd. Nashua, NH 03063

DATE: 6-27-2017 N#: N5117T TACH: 1051.04 TTSN: 2611.64 TSMOH: 1051.04

## ENGINE LOGBOOK

Complied with an annual inspection in accordance with the scope and detail found in FAR Part 43 Appendix D. Performed a differential compression check of the engine cylinders: 78, 76, 76, 76, 76, 75 / 80 PSI. Drained the engine oil and removed the oil filter. Inspected the element for contamination – none found. Installed a new oil filter and serviced the sump with 7 quarts of AeroShell 15w-50 engine oil and 11.2 oz. of Cam Guard oil additive. Cleaned, checked the gap, test-fired, and rotated the spark plugs. Checked the magneto to engine timing. Cleaned the fuel primer nozzles. Replaced the induction filter element. Replaced the rocker cover gaskets. Replaced the induction manifold gaskets at cylinder 3. Inspected the vacuum pump wear indicator port. Checked for new and applicable Airworthiness Directives. Washed the engine. Lubricated the wastegate with Mousemilk. Perform a satisfactory ground run – no leaks noted at this time.

I certify that this engine has been inspected in accordance with the requirements of an annual inspection, was determined to be in an airworthy condition, and is returned to service.

James W. Henry A&P25711611A

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.

sense  
number

Date

DATE: 6-20-2018 N#: N5117T TACH: 1103.57 TTSN: 2664.17 TSMOH: 1103.57

## ENGINE LOGBOOK

Complied with an annual inspection in accordance with the scope and detail found in FAR Part 43 Appendix D. Performed a differential compression check of the engine cylinders: 73, 77, 76, 70, 68, 75 / 80 PSI. Drained the engine oil and removed the oil filter. Inspected the element for contamination – none found. Installed a new oil filter and serviced the sump with 7 quarts of AeroShell 15w-50 engine oil and 11.2 oz. of Cam Guard oil additive. Cleaned, checked the gap, test-fired, and rotated the spark plugs. Adjusted the magneto to engine timing. Replaced the induction filter element. Checked for new and applicable Airworthiness Directives. Washed the engine. Lubricated the wastegate with Mousemilk. Perform a satisfactory ground run – no leaks noted at this time. I certify that this engine has been inspected in accordance with the requirements of an annual inspection, was determined to be in an airworthy condition, and is returned to service.

Douglas Mears A&P27921821A

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.

sense  
number

Leland Aero Service LLC  
5 Perimeter Rd. Nashua, NH 03063

DATE: 11/22/14 N#: N5117T TACH: 921.06 TSMOH: 921.06  
TTSN: 2481.63

ENGINE LOGBOOK

Complied with an annual inspection in accordance with the scope and detail found in FAR Part 43 Appendix D. Performed a differential compression check of the engine cylinders: 76, 76, 76, 74, 76, 78 / 80 PSI. Drained the engine oil and removed the oil filter and inspected the element for contamination – none found. Installed a new oil filter and serviced the sump with 7 quarts of AeroShell 15w-50 engine oil and 11.2 oz. of Cam Guard oil additive. Cleaned, checked the gap, test-fired, and rotated the spark plugs. **Performed 500 Hour Magneto Inspection:** replaced contact points, cleaned interior of magneto, reset internal timing, reinstalled onto engine at proper timing. Cleaned the fuel primer nozzles. Cleaned the filter screens at the fire wall fuel filter assembly and the carburetor inlet. Drained the carburetor fuel bowl. Replaced the induction filter element. Tightened all rocker cover hardware. Replaced oil filter converter plate gasket in accordance with Lycoming SB #543B & SL #1453B. Checked for new and applicable Airworthiness Directives. Perform a satisfactory ground run; adjust the idle RPM – no leaks noted at this time.

I certify that this engine has been inspected in accordance with the requirements of an annual inspection, was determined to be in an airworthy condition, and is returned to service.

James W. Henry A&P25711611A

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

Total to Date

License  
Number

ENGINE LOG

Serial No.

| Date            | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Signature | License<br>Number |
|-----------------|------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------|
|                 | Hrs  | Min |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                   |
|                 |      |     | Leland Aero Service LLC<br>5 Perimeter Rd. Nashua, NH 03063                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                   |
| DATE: 12/23 /15 |      |     | N#: N5117T TACH: 974.6 SMOH: 974.6<br>ENG TT: 2535.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                   |
|                 |      |     | Engine Logbook Entry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                   |
|                 |      |     | Inspected engine using checklist in conformance with FAR 43.15 ©(1). Performed compression test: #1- 76/80, #2- 76/80, #3- 76/80, #4- 76/80, #5- 78/80, #6- 74/80. Replaced all rocker cover gaskets. Inspected oil filter and sump screen, no discrepancies noted, serviced engine with 7 quarts of Aeroshell 15W50 oil, and Camguard oil additive. Engine performance and leak checks good during post-inspection 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 A&P27921821A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                   |

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.

Date

Leland Aero Service LLC  
5 Perimeter Rd. Nashua, NH 03063

DATE: 9-3-2013 N#: N5117T TACH: 846.99 TSMOH: 846.99  
TTSN: 2407.56

## ENGINE LOGBOOK

Complied with an annual inspection in accordance with the scope and detail found in FAR Part 43 Appendix D. Performed a differential compression check of the engine cylinders: 77, 78, 79, 78, 78, 78 / 80 PSI. Drained the engine oil and removed the oil filter and inspected the element for contamination – none found. Installed a new oil filter and serviced the sump with 7 quarts of AeroShell 15w-50 engine oil and 11.2 oz. of Cam Guard oil additive. Cleaned, checked the gap, test-fired, and rotated the spark plugs. Checked the magneto to engine timing. Cleaned the fuel primer nozzles. Cleaned the filter screens at the fire wall fuel filter assembly and the carburetor inlet. Drained the carburetor fuel bowl. Replaced the induction filter element. Tightened all rocker cover hardware. Replaced both rod ends at the turbo support. Checked for new and applicable Airworthiness Directives. Perform a satisfactory ground run, adjust the idle RPM – no leaks noted at this time.

I certify that this engine has been inspected in accordance with the requirements of an annual inspection, was determined to be in an airworthy condition, and is returned to service.

James W. Henry A&P25711611A

License  
Number

Da

DATE: 5/13/14

N#: N5117T

TACH: 886.44

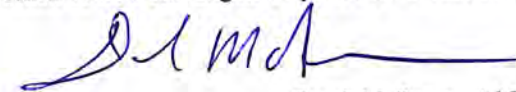
TSMOH: 886.44

TTSN: 2447.01

License  
Number

## Engine Logbook Entry

Drained oil and took sample for analysis. Inspected oil filter, no discrepancies noted. Installed new filter and serviced engine with 7 quarts of Aeroshell 15W50 oil. Engine oil pressure and leak checks good during ground run-up.



Derek M. Berna A&amp;P3618862IA

Page Total

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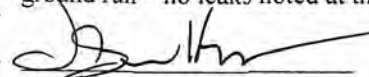
Total to Date

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

**Leland Aero Service LLC**  
**5 Perimeter Rd. Nashua, NH 03063**

DATE: 1-24-2012    N#: N5117T    TACH: 764.49

SMOH: 764.49  
ENG TT: 2325.09

| Date            | Hr | ENGINE LOGBOOK                                                                                                                                                                                                                                                                                                     | ture | License Number | Dat |
|-----------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|-----|
|                 |    | Drained the engine oil and removed the oil filter. Inspected the old filter element for contamination. Installed a new oil filter and serviced the sump with 7 quarts of AeroShell 15W-50 engine oil and CamGuard oil additive. Performed a satisfactory ground run – no leaks noted at this time. ----- END ----- |      |                |     |
|                 |    | <br>James W. Henry A&P2571161                                                                                                                                                                                                     |      |                |     |
|                 |    |                                                                                                                                                                                                                                                                                                                    |      |                |     |
|                 |    |                                                                                                                                                                                                                                                                                                                    |      |                |     |
|                 |    |                                                                                                                                                                                                                                                                                                                    |      |                |     |
|                 |    |                                                                                                                                                                                                                                                                                                                    |      |                |     |
|                 |    |                                                                                                                                                                                                                                                                                                                    |      |                |     |
|                 |    |                                                                                                                                                                                                                                                                                                                    |      |                |     |
|                 |    |                                                                                                                                                                                                                                                                                                                    |      |                |     |
| Page Total      |    | All Repair Data Must Bear the Endorsement of a<br>Certificated Mechanic, and his Rating and<br>Certificate Number MUST be Shown.                                                                                                                                                                                   |      |                |     |
| Brought Forward |    |                                                                                                                                                                                                                                                                                                                    |      |                |     |
| Total to Date   |    |                                                                                                                                                                                                                                                                                                                    |      |                |     |

**Leland Aero Service LLC**  
**5 Perimeter Rd. Nashua, NH 03063**

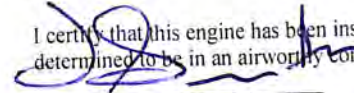
DATE: 7-10-2012    N#: N5117T    TACH: 793.61

TSMOH: 793.61  
TTSN: 2354.21

**ENGINE LOGBOOK**

Complied with an annual inspection in accordance with the scope and detail found in FAR Part 43 Appendix D. Performed a differential compression check of the engine cylinders: 76, 74, 78, 76, 76, 78 / 80 PSI. Drained the engine oil and took a sample for analysis. Removed the oil filter and inspected the element for contamination – none found. Installed a new oil filter and serviced the sump with 7 quarts of AeroShell 15w-50 engine oil and 11.2 oz. of Cam Guard oil additive. Cleaned, checked the gap, test-fired, and rotated the spark plugs. Checked the magneto to engine timing. Cleaned the fuel primer nozzles. Cleaned the filter screens at the fire wall fuel filter assembly and the carburetor inlet. Drained the carburetor fuel bowl. Replaced the induction filter element. Tightened all rocker cover hardware. Replaced the induction manifold gaskets at cylinders 2 & 6. Replaced both rod ends at the turbo support. Checked for new and applicable Airworthiness Directives. Perform a satisfactory ground run, adjust the idle RPM – no leaks noted at this time.

I certify that this engine has been inspected in accordance with the requirements of an annual inspection, was determined to be in an airworthy condition, and is returned to service.

  
James W. Henry A&P2571161IA

License  
Number

Leland Aero Service LLC

5 Perimeter Rd. Nashua, NH 03063

DATE: 8-31/10

N#: N5117T

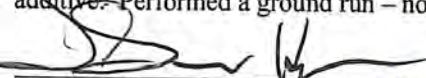
TACH: 661.51

SMOH: 661.51

ENG TT: 2222.05

# ENGINE LOGBOOK

Drained the oil and removed the oil filter. Installed new CH48103-1 oil filter and serviced the sump with 7 quarts of AeroShell 15W-50 engine oil and Avblend oil additive. Performed a ground run - no leaks noted at this time.

  
James W. Henry A&P2571161

Leland Aero Service LLC

5 Perimeter Rd. Nashua, NH 03063

0-540-L3C5D, sn# L-22886-40A

DATE: 11/3/10

N#: N5117T

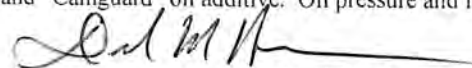
TACH: 675.53

SMOH: 675.53

ENG TT: 2236.07

# Engine Logbook Entry

Drained oil and took sample for analysis. Inspected oil filter and serviced engine with 7 quarts of Aeroshell 15W50 oil and "Camguard" oil additive. Oil pressure and leak checks good during ground run-up.



Derek M. Berna

A&P266989580IA

License  
Number

# ENGINE LOG

Leland Aero Service LLC

5 Perimeter Rd. Nashua, NH 03063

DATE: 6/17/11

N#: N5117T

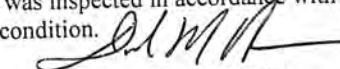
TACH: 711.04

SMOH: 711.04

ENG TT: 2271.64

# Engine Logbook Entry

Inspected engine using checklist in conformance with FAR 43.15 ©(1). Performed compression test: #1- 77/80, #2- 76/80, #3- 78/80, #4- 77/80, #5- 77/80, #6- 78/80. Replaced all spark plugs, due to wear beyond limits. Checked magneto-to-engine timing, found to be within service limits. Cleaned and inspected all fuel system screens/filters. Performed all engine service items as per service instructions. Installed chafe protection and/or repositioned wires/hoses/lines as necessary to prevent chaffing. Replaced all rocker cover gaskets. Drained oil and took sample for analysis. Inspected oil filter and sump screen, no discrepancies noted, serviced engine with 7 quarts of Aeroshell 15W50 oil, and Camguard oil additive. Engine performance and leak checks good during post-inspection 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&P266989580IA

All repair data must bear the endorsement of a  
Certificated Mechanic, and his Rating and  
Certificate Number MUST be Shown.

Brought Forward

Total to Date

Signature

License  
Number

5 Perimeter Rd. Nashua, NH 03063

N#: N5117T

SMOH: 580.09

**0.**

## Engine Logbook Entry

James W. Henry A&amp;P2571161

### 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.**

## Serial No.

Date \_\_\_\_\_

Time

|     |     |
|-----|-----|
| Hrs | Min |
|-----|-----|

REPAIRS - ADJUSTMENTS - SERVICE - REMARKS

Signature

License  
Number

**Leland Aero Service LLC**

5 Perimeter Rd. Nashua, NH 03063

DATE: 5/13/10

N#: N5117T

TACH: 620.54

SMOH: 620.54

ENG TT: 2181.14

### Engine Logbook Entry

Inspected engine using checklist in conformance with FAR 43.15 ©(1). Performed compression test: #1- 76/80, #2- 76/80, #3- 77/80, #4- 76/80, #5- 76/80, #6- 76/80. Inspected oil filter and sump screen, no discrepancies noted, serviced engine with 7 quarts of Aeroshell 15W50 oil. Replaced oil dipstick tube gasket. Replaced all rocker box cover gaskets. Tightened all oil return line fittings. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Douglas Mears A&P27921821A

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. \_\_\_\_\_

Di **Leland Aero Service LLC**  
**5 Perimeter Rd. Nashua, NH 03063**

DATE: 4/13/09

N#: N5117T

TACH: 534.93

SMOH: 534.93

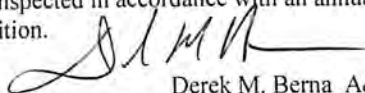
ENG TT: 2095.53

Signature

License  
Number

## Engine Logbook Entry

Inspected engine using checklist in conformance with FAR 43.15 ©(1). Performed compression test: #1- 74/80, #2- 72/80, #3- 76/80, #4- 74/80, #5- 70/80, #6- 72/80. Cleaned, gapped and inspected all spark plugs. Checked magneto-to-engine timing, found to be within service limits. Cleaned and inspected all fuel system screens/filters. Performed all engine service items as per service instructions. Installed chafe protection and/or repositioned wires/hoses/lines as necessary to prevent chaffing. Retorqued all rocker cover screws. Drained oil and took sample for analysis. Inspected oil filter and sump screen, no discrepancies noted, serviced engine with 7 quarts of Aeroshell 15W50 oil. Replaced adel clamps for # 4 & 6 primer lines. Replaced oil dipstick tube gasket. Engine performance and leak checks good during post-inspection 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

Endorsement of a

Rating and

Certificate Number MUST be Shown.

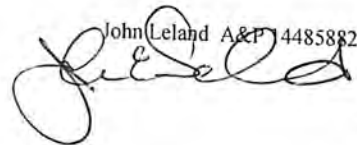
Total to Date

Leland Aero Service LLC  
5 Perimeter Rd. Nashua, NH 03063  
Lycoming O540-L3C5D s/n L-22886-40A

DATE: 11/5/07 N#: N5117T TACH: 422.8 TSMOH: 422.8

Engine Logbook Entry

Drained oil and took sample for analysis. Inspected oil filter, no discrepancies noted. Serviced engine with 7 quarts of Aeroshell 15W50 oil. Washed engine and cowl. Engine performance and leak checks good during ground run-up.

John Leland A&P 4485882  


| nature | License Number |
|--------|----------------|
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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

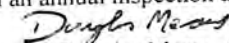
Serial No. \_\_\_\_\_

Leland Aero Service LLC  
5 Perimeter Rd. Nashua, NH 03063

DATE: 3/1/08 N#: N5117T TACH: 452.61 SMOH: 452.61

Engine Logbook Entry

Inspected engine using checklist in conformance with FAR 43.15 ©(1). Performed compression test: #1- 75/80, #2- 75/80, #3- 76/80, #4- 76/80, #5- 76/80, #6- 76/80. Cleaned, gapped and inspected all spark plugs. Retorqued all rocker cover screws. C/W AD05-12-06 on impulse coupling, and performed 500 hour magneto inspection. Drained oil and took sample for analysis. Inspected oil filter and sump screen, no discrepancies noted, serviced engine with 7 quarts of Aeroshell 15W50 oil. Repositioned compressor side of turbo. Retorqued all turbo exhaust clamps. Replaced both turbo mount rod ends on brace Replaced oil dipstick gasket. Engine performance and leak checks good during post-inspection 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 A&P2792182IA

Signature License Number

Endorsement of a  
Rating and

Certificate Number MUST be Shown.

Total to Date

Removed Magna Plate Starter and  
installed SkyTec P/N 14922 Sh FN430622  
Replaced starter contactor P/N S24413-2  
Ops check good. Released for service

Signature \_\_\_\_\_

Total to Date

Certificate#

Certificate Number MUST be Shown.

1 No.

Signature

License  
Number

Date \_\_\_\_\_

DATE: 5/4/07

N#: N5117T

TACH: 364.00

SMOH: 364.00

**Leland Aero Service LLC**

5 Perimeter Rd. Nashua, NH 03063

## Engine Logbook Entry

Drained oil and took sample for analysis. Inspected oil filter, no metal detected. Serviced engine with 7 quarts of Aeroshell 15W50 oil. Oil pressure and leak checks good during ground run-up.

Derek M. Berna A&P2669895801A

ture

License  
Number

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.**

**Leland Aero Service LLC**

5 Perimeter Rd. Nashua, NH 03063

Lycoming O540-L3C5D s/n L-22886-40A

N#: N5117T

TACH: 2067.8

TSMOH: 238.1

### Engine Logbook Entry

Drained oil and took sample for analysis. Inspected oil filter, no discrepancies noted. Serviced engine with 7 quarts of Aeroshell 15W50 oil. Oil sample taken. Washed engine and cowl. Engine performance and leak checks good during ground run-up.

John Leland  
A&P 14485882

Brought Forward

Total to Date

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

**Leland Aero Service LLC**

5 Perimeter Rd. Nashua, NH 03063

DATE: 1/24/07

N#: N5117T

TACH: 308.71

Serial No.

SMOH: 308.71

## Engine Logbook Entry

Inspected engine using checklist in conformance with FAR 43.15 ©(1). Performed compression test: #1- 78/80, #2- 77/80, #3- 76/80, #4- 78/80, #5- 77/80, #6- 77/80. Cleaned, gapped and inspected all spark plugs. Checked magneto-to-engine timing, found to be within service limits. Cleaned and inspected all fuel system screens/filters. Performed all engine service items as per service instructions. Removed oil sump assembly from engine, cleaned mating surfaces and reinstalled using new gasket. Reinstalled all components removed to access oil sump. Installed chafe protection and/or repositioned wires/hoses/lines as necessary to prevent chaffing. Retorqued all rocker cover screws. Tightened all oil return line hose clamps. Drained oil and took sample for analysis. Inspected oil filter and sump screen, no discrepancies noted, serviced engine with 7 quarts of Aeroshell 15W50 oil. Engine performance and leak checks good during post-inspection 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&P266989580IA  
Certificate Number MUST be Shown.

**Brought Forward**

Total to Date

of a

# ENGINE LOG

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

| Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Hrs | Signature | License Number |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|----------------|
| <p><b>Leland Aero Service LLC</b><br/> <b>5 Perimeter Rd. Nashua, NH 03063</b></p> <p>DATE: 03-02-06 N#: 5117T TACH: 1923.7 TSMOH:100.0</p> <p>Engine Logbook Entry</p> <p>Changed oil and filter added 8qts Aeroshell 15w-50 , oil sample taken at this time. Compression test 78, 78, 77, 78, 77, 77. Cleaned and gapped all spark plugs and reinstalled. Adjusted gear warning horn.</p> <p><i>Douglas Mears</i><br/>           Douglas Mears A&amp;P27921821A</p> |     |           |                |
| <p><b>Leland Aero Service LLC</b><br/> <b>5 Perimeter Rd. Nashua, NH 03063</b></p> <p>DATE: 04-27-06 N#: 5117T TACH: 1964.0 TSMOH:140.3</p> <p>Engine Logbook Entry</p> <p>Changed oil and filter added 8qts Aeroshell 15w-50 , oil sample taken at this time. Washed engine and cowl, run-up and leak checked. No leaks at this time.-----End-----</p> <p><i>John Leland</i><br/>           John Leland A&amp;P 14485882</p>                                         |     |           |                |

# ENGINE LOG

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

| Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Signature | License Number                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------|
| <p><b>Leland Aero Service LLC</b><br/> <b>5 Perimeter Rd. Nashua, NH 03063</b></p> <p>DATE: 7/3/06 N#: N5117T TACH: 2009.4 TTSOH: 185.7</p> <p>Engine Logbook Entry</p> <p>Drained oil and took sample for analysis. Inspected oil filter, no discrepancies noted. Serviced engine with 8 quarts of Aeroshell 15W50 oil. Cleaned, gapped and inspected all spark plugs. Checked magneto-to-engine timing, found to be within service limits. Engine performance and leak checks good during ground run-up.</p> <p><i>Derek M. Berna</i><br/>           Derek M. Berna<br/>           A&amp;P2669895801A</p> |           |                                          |
| <p>Brought Forward</p> <p>Total to Date</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <p>Certificate Number MUST be Shown.</p> |

Leland Aero Service LLC  
5 Perimeter Rd. Nashua, NH 03063  
Lycoming 0540-L3C5D s/n L-22886-40A  
N#: 5117T TACH: 1823.8

TTSOH: 1.2

Engine Logbook Entry

Installed this engine in Cessna TR182, s/n R18201817. Replaced all engine Lord mounts and attachment bolts with new. Oil cooler overhauled by "Pacific Oil Cooler Service", Exhaust system overhauled by "Acorn Welding" and installed with new couplings, gaskets and hardware. Propeller governor overhauled by "New England Propeller, Inc." Turbocharger and relief valve overhauled by "Main Turbo Systems". New "Tempest", Model AA3215CC, Vacuum pump installed. Alternator disassembled and inspected, all new brushes installed. Installed with new drive belt and set tension. All engine oil, fuel and scat hoses replaced with new. Engine installed after engine mount inspected and painted. ( see release tags in rear of log) All engine baffles reworked and painted with Dupont Imron. Engine serviced with Phillips 20/50 mineral oil. Break-in and test flight accomplished per Lycoming Service Instructions. Filter removed and inspected after test flight, no metal found. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.  
John Leland A&P 14485882 IA

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.

Leland Aero Service LLC  
5 Perimeter Rd. Nashua, NH 03063  
N#5117T TACH: 1839

Engine Logbook Entry

Changed oil and filter added 8qts Aeroshell 15w-50. Removed and replaced cyl #3  
Gem CHT probe pt# PRB2850. Run up and leak check ok. *Douglas Mears*  
Douglas Mears A&P27921821A

Leland Aero Service LLC  
5 Perimeter Rd. Nashua, NH 03063  
N#: 5117T TACH: 1853.5 TSMOH: 29.7

Engine Logbook Entry

Changed oil and filter added 7qts Aeroshell 15w-50. Removed and replaced turbo oil outlet  
check valve. Run up and leak check ok. *Douglas Mears*  
Douglas Mears A&P27921821A

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.

**LYCOMING**

A Textron Company

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

Form No. 2480 (3/04-LM)

This engine has been overhauled in accordance with the applicable Lycoming specifications. All applicable Federal Aviation Administration Airworthiness Directives and 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 new, newly rebuilt or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: **O-540-L3C5D**Serial #: **L-22886-40A**Total Time: **1560.60**Work Order #: **GJ253502**Date Completed: **JUN 04 2005**

Authorized Signature

**Lycoming Engines**652 Oliver Street  
Williamsport, PA. 17701  
Repair Station: EJ1R115K**ENGINE DESCRIPTION**

|                      |          |                    |                        |                  |         |
|----------------------|----------|--------------------|------------------------|------------------|---------|
| Mfgr.                | LYCOMING | Place              | Williamsport, PA 17701 | Date             | 6/1/05  |
| Type                 |          | Model              |                        | Serial No.       |         |
| Rated H.P.           |          | Max. H.P.          |                        | Weight (Dry)     |         |
| Rated R.P.M.         |          | Max. R.P.M.        |                        | Oil Pressure     |         |
| Bore                 |          | Stroke             |                        | Displacement     | Cu. In. |
| Compression Ratio    |          | Supercharger Ratio |                        |                  |         |
| Reduction Gear Ratio |          |                    |                        |                  |         |
| Propeller            |          | Hub Design         |                        | Hub Serial No.   |         |
| Blade Design         |          | Blade Serial No.   |                        | Blade Serial No. |         |
| Max. Hub H.P.        |          | Max. Blade H.P.    |                        |                  |         |
| Pitch                |          | Diameter           |                        | Length           |         |
| Name                 |          |                    |                        |                  |         |
| Address              |          |                    |                        |                  |         |

**LYCOMING**

A Textron Company

652 Oliver Street  
Williamsport, PA 17701 U.S.A.  
570/323-6181

# ENGINE LOG AND MAINTENANCE RECORD

RECORD OF LYCOMING 0540-L3CSD L-22886-40A  
MAKE MODEL SERIAL

FROM \_\_\_\_\_ 20 \_\_\_\_\_ TO \_\_\_\_\_ 20 \_\_\_\_\_

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

**SSP-1872-1**

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**October 1994**

Book 1

Cessna<sup>®</sup>



# ENGINE

## AND PROPELLER LOG

N 5112T SERIAL NO. R18201817

## ENGINE LOG

| DATE    | DURATION | ACCUMULATED TOTAL TIME |        | REPAIRS --- ADJUSTMENTS                                                                                                                                                                                                                                                   | SIGNATURE | LICENSE NUMBER |
|---------|----------|------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|         |          | HOURS                  | IO THS |                                                                                                                                                                                                                                                                           |           |                |
| 19 94   |          |                        |        | Tach 338                                                                                                                                                                                                                                                                  |           |                |
| 1-18-94 |          |                        |        | 100 hr. In Shop for Aircraft Annual -<br>changed oil 15 x 15 and shell - new oil filter<br>Diff press check shows 80/75 or better all<br>ways - Turbine inspected and given mouse milk<br>lub. test wastgate - Magneto inspected<br>and returned to the shop at 8:28 8/30 |           |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE | DURATION | ACCUMULATED TOTAL TIME |        | REPAIRS --- ADJUSTMENTS                               | SIGNATURE | LICENSE NUMBER |
|------|----------|------------------------|--------|-------------------------------------------------------|-----------|----------------|
|      |          | HOURS                  | IO THS |                                                       |           |                |
| 19   |          |                        |        |                                                       |           |                |
| 3/95 |          | 2181                   | 07     | ENGINE REMOVED FOR OVERHAUL<br>SEE NEW ENGINE LOGBOOK |           |                |

END

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE     | DURATION    | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SIGNATURE | LICENSE NUMBER |
|----------|-------------|------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|          |             | HOURS                  | 10THS |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                |
| 11/21/91 | TACH 009.10 |                        |       | PORT TSN/TSMOH 1749.70 Completed Annual Inspection<br>Thrs Date Compression V #1 74/80 #2 74/80 #3 73/80 #4 76/80 #5 76/80 #6 73/80<br>Changed oil & filter, cut open & inspect filter o.k., Repositioned carb heat duct,<br>Replaced Intake gaskets on #3, #4, #2, #5 cylinders, seal aft backbone bolt<br>and torqued, repositioned drop cable, replaced #2, 6, 3, 5 rocker box cover<br>gaskets, replaced heater inlet scat hose, retorqued<br>exhaust nuts, serviced 8yts AS1000, replaced<br>air filter, washed down engine and run for<br>leaks o.k. |           |                |
|          |             |                        |       | I certify that this <u>Engine</u><br>has been inspected in accordance with a<br><u>Annual</u> inspection and was determined<br>to be in Airworthy condition<br>Inspector <u>Sh. [Signature]</u><br>Work Order <u>3408</u><br>Date <u>11/21/91</u> Tach Hours <u>009.1</u><br>Hours Total Time <u>1749.70</u><br>CRUISEAIR AVIATION INC.<br>2428 Montecito Rd<br>Ramona Airport<br>Ramona, CA 92065<br>REPAIR STATION #LF3R655L                                                                                                                             |           |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE   | DURATION                        | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                                                                                                                                        | SIGNATURE | LICENSE NUMBER |
|--------|---------------------------------|------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|        |                                 | HOURS                  | 10THS |                                                                                                                                                                                                |           |                |
| 19 93  | Tach 158.6<br>Total time 1898.6 |                        |       | 8 qts Shell 15/50 wt. oil - new filter # 48103<br>Chomp... 8 new spark plugs Champion RH138E<br>Air filter changed - cleaned & changed<br>mag timing -<br>Jan 1-1-93 J. [Signature] AR 1267836 |           |                |
| 6/4/93 | TACH 2117.3                     |                        |       | Compression check #1 75/80 #2 70/80 #3 70/80 #4 74/80 #5 74/80 #6 76/80<br>File & burnish nicks in prop. 2h [Signature] for Cruise Air<br>Aviation CRS CF3R655L W.O. 2117.3 - END              |           |                |

CARRY TIME FORWARD TO TOP OF NEXT PAGE

# ENGINE LOG

**TREN**

[illegible]

# ENGINE LOG

| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                                                                                                                                                                                                                                                           | SIGNATURE | LICENSE NUMBER |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          | HOURS                  | IOths |                                                                                                                                                                                                                                                                                                                   |           |                |
| 19 2-20-91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1610-3   |                        |       | h/s.t.c. perform 100 hr. insp on eng only.<br>Comp. Test #1 55/80, #2 72/80, #3 74/80, #4 78/80, #5 74/80, #6 74/80<br>Check MAG timing, clean & gap spark plugs.<br>Remove #1 cyl, grind valves & seats, Reinstall<br>cyl. Run & check for leaks. Checked comp on<br>#1 cyl 7/80. Replaced Alternator belt. End. |           |                |
| <b>MAINTENANCE RELEASE</b><br>The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.<br>Work Order No. 3061<br>Date 2-20-91<br>Signed <i>Roger Tuck</i><br>Signature of Authorized Individual<br><b>CRUISEAIR AVIATION INC.</b><br>2428 Montecito Rd.<br>Ramona Airport<br>Ramona, CA 92065<br>REPAIR STATION #LF3R655L |          |                        |       |                                                                                                                                                                                                                                                                                                                   |           |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE

19

Cruiseair Aviation, Inc.

2428 Montecito Rd., Ramona, CA 92065

Repair Station #LF3R655L

4/12/91 1634.00 Hrs. Replaced Prop. control  
installed P/N 9862067-10. END

## MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.  
Work Order No. 3140

Date 4-12-91

Signed *Roger Tuck*

Signature of Authorized Individual  
**CRUISEAIR AVIATION INC.**

2428 Montecito Rd.  
Ramona Airport  
Ramona, CA 92065  
REPAIR STATION #LF3R655L

## MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.  
Work Order No. 3156

Date 4-26-91

Signed *Roger Tuck*

Signature of Authorized Individual  
**CRUISEAIR AVIATION INC.**

2428 Montecito Rd.  
Ramona Airport  
Ramona, CA 92065  
REPAIR STATION #LF3R655L

SIGNATURE

LICENSE  
NUMBER

4/26/91 1638.3 hrs. tach. Changed oil and filter  
serviced with Aeroshell 100W  
tighten rocker covers, wash  
eng., run and check for leaks  
-----end-----

W/O 5925  
= 1. COMPRESSION CHECK 1. 61/80 2. 70/80 3. 68/80 4. 76/80  
- 5. 72/80 6. 70/80

- 5. 72/80 6. 70/80
- 2. COMPLETED 100HR INSPECTION AS PER CESSNA CHECK LIST
- 3. INSTALLED 6 NEW AUBURN 271 SPARK PLUGS TOP
- 4. INSTALLED NEW ENGINE DRIVEN FUEL PUMP
- 5. CLEANED & GAPPED ALL SPARK PLUGS BOTTOM
- 6. CHECKED MAG TIMING & POINTS

1. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE  
WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN  
AIRWORTHY CONDITION.

*Bill O'Leary* A&P 1910299 AI  
WESTERN FLIGHT INTERNATIONAL  
CARLSBAD, CA.

[illegible]

### - ADJUSTMENTS

|             |                         |
|-------------|-------------------------|
| 21 Dec 89   | INSTALLED New SIGMA Tek |
| TACH 1342.7 | VACUUM PUMP RUN UP      |
| OK          |                         |
| Bill Jarboe | AP1910299               |
| WFI         |                         |

SIGNATURE

LICENSE  
NUMBER

ENGINE LOG

| DATE                                   | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SIGNATURE | LIC. NUMB. |
|----------------------------------------|----------|------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|
|                                        |          | HOURS                  | 10THS |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |            |
| 19 90                                  |          |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |            |
| Tach                                   | 1528.0   |                        |       | <p>change oil services w/ to 100 Shell w-100 Oils, change oil Filter, Replaced all SPARK plugs Engine (Carn) (A/C) in left cylinder Replaced oil (Twist File) check magnets Turning Removed Propeller Governor Due to Leaks SEE yellow Tag. Replaced clamp Turbo charger idk side, Replaced all Exhaust Gaskets Replaced Exhaust Gaskets No# 122 cylinders Retorque on Returns No# 2E4E6 cylinders Replaced Valve Cover Gasket No# 124 cylinder (C/W) 78-09-0723 Inspection of Bendix impulse Coupling Due again to 500 HP. Replaced Nose Turbo Twist (C/W) special Inspections on Alternator Box HS. for work check Good at this time of special inspection on Propeller Governor &amp; controls, oil &amp; grease Leaks.</p> <p>I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN <u>ANNUAL inspection</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p>SIGNED <u>James N. Best</u></p> <p>EL CAJON FLYING SERVICE<br/>1825 N. Marshall Avenue, El Cajon, CA 92020<br/>FAA Approved Repair Station 4752</p> <p>HBBS TACH <u>1528.0</u> TOTAL TIME</p> <p>DATE <u>10-9-90</u> W.O. # <u>22952</u></p> |           |            |
| TOTAL TIME FORWARD TO TOP OF NEXT PAGE |          |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |            |

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## ENGINE LOG

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## ENGINE LOG

| DATE  | DURATION | ACCUMULATED TOTAL TIME |        | REPAIRS --- ADJUSTMENTS                                                                                                                        | SIGNATURE                                                                    | LICENSE NUMBER |
|-------|----------|------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------|
|       |          | HOURS                  | IOths  |                                                                                                                                                |                                                                              |                |
| 1989  |          |                        |        |                                                                                                                                                |                                                                              |                |
| 1-5   | TACH     | 1050.0                 |        | CHANGED OIL + FILTER Shell 50W.D added. Washed engine Runup check OK. Bill Daileda AP1910299<br>WESTERN FLIGHT INTERNATIONAL CARLSBAD CA.      |                                                                              |                |
| 22MAR | TACH     | 1101.4                 |        | CHANGED oil + FILTER shell 50WDET. ADDED. CLEANED + CAPED ALL SPARKPLUGS WASHED ENGINE, LUBED TURBO CONTROL+WASTE GATE. Bill Daileda AP1910299 |                                                                              |                |
|       |          |                        |        |                                                                                                                                                | WESTERN FL. INTERNATIONAL<br>2210 PALOMAR AIRPORT RD.<br>CARLSBAD, CA. 92008 |                |
| 23MAR | TACH     | 1103.4                 |        | CHANGED ALL INTAKE GASKETS BECAUSE OF LEAKS. Bill Daileda AP1910299                                                                            |                                                                              |                |
| APR   | 3089     | TACH                   | 1154.0 | CHANGED OIL + FILTER BILDALIDA AP1910299                                                                                                       |                                                                              |                |
| JUNE  | 989      | TACH                   | 1187.6 | CHANGED OIL + FILTER BILDALIDA AP1910299                                                                                                       |                                                                              |                |
| JULY  | 2689     | TACH                   | 1242.9 | CHANGED OIL + FILTER BILL DAILED A AP1910299                                                                                                   |                                                                              |                |

WESTERN FL. INTERN  
 2210 PALOMAR AIRPOR  
 CARLSBAD, CA. 92008

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WESTERN FL. INTERNATIONAL  
2210 PALOMAR AIRPORT RD.  
CARLSBAD, CA. 92008

## ENGINE LOG

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## ENGINE LOG

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## ENGINE LOG

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## ENGINE LOG

| DATE    | DURATION   | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SIGNATURE | LICENSE NUMBER |
|---------|------------|------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|         |            | HOURS                  | 10THS |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                |
| 19 27   |            |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                |
| 4-21-87 | Tach 883.4 |                        |       | Changed oil (8 qts Aeroshell W) & filter.<br>Replaced rocker cover gaskets cyl's # 1, 2, 3, 4, 6. Washed engine<br>Ground run-up accomplished. No leaks noted at this time. <br>Peter Stalker, Downing AP 146500284                                                                                                                                                                  |           |                |
| 7-23-87 | TACH. 897. |                        |       | COMPRESSION #1 75/80 #2 75/80 #3 75/80 #4 75/80<br>#5 75/80 #6 75/80 CHANGED OIL WITH 8 QTS AEROSHELL<br>100W OIL. CLEANED AND INSPECTED OIL SUCTION SCREEN<br>REPLACED OIL FILTER CLEANED AND GAPPED SPARKPLUGS.<br>REPLACED INDUCTION AIRFILTER, DRESSED AND PAINTED<br>PROPELLER I CERTIFY THAT THIS ENGINE HAS BEEN<br>INSPECTED IN ACCORDANCE WITH AN ANNUAL<br>INSPECTION AND WAS DETERMINED TO BE IN<br>AIRWORTHY CONDITION. Michael B. Jorsky<br>AP 5681530021A |           |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## REPAIRS --- ADJUSTMENTS

| DATE |  | DURATION   | ACCUMULATED<br>TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                                                                                              | SIGNATURE | LICENSE<br>NUMBER |
|------|--|------------|---------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------|
| 19   |  |            | HOURS                     | 10THS |                                                                                                                                                      |           |                   |
| 85   |  |            |                           |       |                                                                                                                                                      |           |                   |
| 7-27 |  | tach 674.7 |                           |       | replace #1 water box gasket.<br>change oil + filter, CH 48803 added<br>9 qts. Amsoil 100. Run up + no leaks at<br>this time.<br>R. Stone AP264848053 |           |                   |
| 10-7 |  | tach 725.5 |                           |       | change oil + filter added 9 qts Amsoil 100<br>Run up + no leaks. R. Stone AP264848053                                                                |           |                   |

| DATE                                                                                                                                                                                                                                           | HOURS     |             | 10THS | REPAIRS                                 | ADJUSTMENTS  | SIGNATURE | NUM |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------|-----------------------------------------|--------------|-----------|-----|
| 19                                                                                                                                                                                                                                             | MODEL     | C-182       | RG    | BEECHCRAFT WEST                         | DATE         | 12-4-85   |     |
|                                                                                                                                                                                                                                                | S/N       | R-1820181   |       | 18741 NO. AIRPORT WAY                   | W.O. #       | 5144      |     |
|                                                                                                                                                                                                                                                | REG. NO.  | N5117T      |       | SANTA ANA, CALIFORNIA                   | HOBBS        | 534.0     |     |
|                                                                                                                                                                                                                                                | ENG. MOD. | I0540-1305D |       | F.A.A. APPROVED REPAIR STATION NO. 4874 | TACH         | 773.7     |     |
|                                                                                                                                                                                                                                                | ENG. S/N  | L-2331240A  |       | ENGINE LOGBOOK INSERT                   | Position: RH |           | LH  |
| <p>THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY.</p> |           |             |       |                                         |              |           |     |
| <p>DATE <u>12-04-85</u> SIGNED <u><i>Charles E. Kuhl</i></u></p>                                                                                                                                                                               |           |             |       |                                         |              |           |     |
| <p>&gt; Changed oil and filter, serviced with 9 qts Aeroshell 100wt.</p>                                                                                                                                                                       |           |             |       |                                         |              |           |     |
| <p>-----END-----</p>                                                                                                                                                                                                                           |           |             |       |                                         |              |           |     |

## ENGINE LOG

| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                 | SIGNATURE | LICENSE NUMBER |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------|-------|-------------------------------------------------------------------------|-----------|----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          | HOURS                  | IOths |                                                                         |           |                |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                        |       |                                                                         |           |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |                        |       | 7-17-84 TACH 585<br>NEW SPARK PLUGS INSTALLED.<br>OIL & FILTER CHANGED. |           |                |
| <div style="border: 1px solid black; padding: 5px;"> <p><b>MAINTENANCE RELEASE</b></p> <p>The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.</p> <p>Work Order No. <u>206</u></p> <p>Date <u>7-17-84</u></p> <p>Signed <u>Rha</u> for</p> <p>Signature of Authorized individual<br/>EXECUTIVE HANGAR No. 401-204<br/>7150 Hayvenhurst Ave. - Van Nuys, CA</p> </div> |          |                        |       |                                                                         |           |                |
| <div style="border: 1px solid black; padding: 5px;"> <p>DATE <u>7.17.84</u> TACH TIME <u>585</u>.....</p> <p>I certify that this aircraft has been inspected in accordance with a <u>MAINT.</u> inspection and was determined to be in airworthy condition.</p> <p>Mech. <u>Rha</u></p> <p>No. <u>RS 401-204</u></p> </div>                                                                                                                                                                                                                               |          |                        |       |                                                                         |           |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                                                                                                                                                                                                                                                                                                                                               | SIGNATURE | LICENSE NUMBER |
|------|----------|------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|      |          | HOURS                  | IOths |                                                                                                                                                                                                                                                                                                                                                                                                       |           |                |
| 19   |          |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                       |           |                |
|      |          |                        |       | May 7 1985 Tach 637<br>Compression taken as follows: 1) 92/80 2) 75/80 3) 72/80 4) 77/80 5) 66/80 6) 74/80<br>Aviatron International, dba<br>Reference WD# 2999 GREAT ATLANTIC & PACIFIC AIRCRAFT CO.<br>PE Schults RS 401-192 16700 Roscoe Boulevard<br>Van Nuys, California 91406                                                                                                                   |           |                |
|      |          |                        |       | 6/24/85 Tach 642.0 0.100 hr inspection Per Service Manual<br>(2) C/W AD 78-09-07 Impulse Inspection - (mag)<br>(3) Oil & Filter Change<br>Compression 74, 71, 74, 78, 72, 75<br>I certify that this <u>engine</u> has been inspected in accordance with a <u>Commu</u> inspection and was determined to be in an airworthy condition. R.O. <u>2081</u><br>Date <u>6/24/85</u> Total time <u>642.0</u> |           |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

TACH TOTAL 642.0  
David S. P. 17829281A

## ENGINE LOG

| ENGINE LOG    |          |                        |       |  |  | REPAIRS --- ADJUSTMENTS                                     | SIGNATURE | LICENSE NUMBER |
|---------------|----------|------------------------|-------|--|--|-------------------------------------------------------------|-----------|----------------|
| DATE          | DURATION | ACCUMULATED TOTAL TIME |       |  |  |                                                             |           |                |
|               |          | HOURS                  | 10THS |  |  |                                                             |           |                |
| 19 83         |          |                        |       |  |  |                                                             |           |                |
| 30 August '83 |          |                        |       |  |  | Installed Goodyear 600x6 68R FSI tire #N: 30731454 to       |           |                |
| Tach: 427.02  |          |                        |       |  |  | Left Main Gear. Installed Goodyear 500x5 68R FSI tire       |           |                |
|               |          |                        |       |  |  | #N: 21721167 to nose gear and moved existing 4/16 main tire |           |                |
|               |          |                        |       |  |  | to R/H Main gear after flipping tire for tread wear.        |           |                |
|               |          |                        |       |  |  | Fabricated and Replaced Waste-gate to Carb. Linkage         |           |                |
|               |          |                        |       |  |  | Cable assy & rigged as necessary. Used new shroud line      |           |                |
|               |          |                        |       |  |  | and New 7x17 1/16" dia cable. Replaced oil Filler           |           |                |
|               |          |                        |       |  |  | Neck washer with new O-ring due to excessive                |           |                |
|               |          |                        |       |  |  | leakage. Installed New Falco's EGT Probe (Thermocouple)     |           |                |
|               |          |                        |       |  |  | in Exhaust stack.                                           |           |                |
|               |          |                        |       |  |  | Jay Michael Shuh                                            |           |                |
|               |          |                        |       |  |  | Doc 565118259                                               |           |                |
|               |          |                        |       |  |  | J. V. AERO                                                  |           |                |

## ENGINE LOG

[illegible]

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## REPAIRS --- ADJUSTMENTS

| ENGINE LOG |          |                        |       |  | REPAIRS --- ADJUSTMENTS                               | SIGNATURE                  | LICENSE NUMBER |
|------------|----------|------------------------|-------|--|-------------------------------------------------------|----------------------------|----------------|
| DATE       | DURATION | ACCUMULATED TOTAL TIME |       |  |                                                       |                            |                |
|            |          | HOURS                  | 10THS |  |                                                       |                            |                |
| 19         |          |                        |       |  |                                                       |                            |                |
|            |          |                        |       |  | I certify that this <u>engine</u> has been inspected  | - changed oil w/parshell   |                |
|            |          |                        |       |  | in accordance with an/a <u>100 hr.</u> inspection and | 100w                       |                |
|            |          |                        |       |  | found to be in airworthy condition.                   | - checked compression -    |                |
|            |          |                        |       |  | Date <u>12-10-82</u> Total Time <u>218.7</u> Hrs.     | (all above 72/50)          |                |
|            |          |                        |       |  | <u>M. D. Muir</u>                                     | - visual inspection of     |                |
|            |          |                        |       |  | M. D. Muir                                            | intake, exhaust, controls, |                |
|            |          |                        |       |  | A&E 557849906                                         | fuel & oil system          |                |
|            |          |                        |       |  | I certify that this engine has been                   |                            |                |
|            |          |                        |       |  | inspected in accordance with an annual                |                            |                |
|            |          |                        |       |  | inspection & was found to be in air                   |                            |                |
|            |          |                        |       |  | airworthy condition.                                  |                            |                |
|            |          |                        |       |  | CASEY A. SORENSON                                     |                            |                |
|            |          |                        |       |  | <u>Casey A. Sorenson</u>                              |                            |                |
|            |          |                        |       |  | 14556942976                                           |                            |                |

## REPAIRS --- ADJUSTMENTS

[illegible]

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# ENGINE LOG

[illegible]

## ENGINE LOG

[illegible]

## ENGINE DESCRIPTION

|                            |                              |                               |
|----------------------------|------------------------------|-------------------------------|
| Mfrgr. <i>Cycorning</i>    | Place                        | Date                          |
| Type <i>H-Opposed</i>      | Model <i>O-540-L3C5D</i>     | Serial No. <i>L-23312-40A</i> |
| Rated H. P. <i>235</i>     | Maximum H. P. <i>235</i>     | Weight (Dry)                  |
| Rated R. P. M. <i>2400</i> | Maximum R. P. M. <i>2400</i> | Oil Pressure                  |
| Bore                       | Stroke                       | Displacement                  |
| Compression Ratio          | Supercharger Ratio           | Gear Ratio                    |
|                            |                              | Cu. In.                       |

|                                            |                            |                               |
|--------------------------------------------|----------------------------|-------------------------------|
| Propeller <i>M<sup>c</sup> CAYLEY</i>      | Hub Design <i>B3D32C40</i> | Hub Serial No. <i>815-251</i> |
| Blade Design <i>82NDA-3</i>                | Blade Serial               | Blade Serial                  |
| Maximum Hub H. P.                          | Maximum Blade H. P.        |                               |
| Pitch <i>Low 16.0</i><br><i>High 31.7°</i> | Diameter <i>79"</i>        | Length                        |

Owner's Name

## ENGINE LOG

| DATE                                                                                                                                                          | DURATION |   | ACCUMULATED<br>TOTAL TIME |       | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE<br>NUMBER |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---|---------------------------|-------|-------------------------|-----------|-------------------|
|                                                                                                                                                               |          |   | HOURS                     | IOths |                         |           |                   |
| 19                                                                                                                                                            |          |   |                           |       |                         |           |                   |
| 12/13/81                                                                                                                                                      | 3        | 3 | 3                         | 3     | FLIGHT TEST             | Waggon    |                   |
| <p>June 16, 1982 Tach 28.8<br/> Oil and Filter change, visual inspection<br/> Reference W.O. 2369<br/> Kent Goellner PIONEER AVIATION R/S 4111</p>            |          |   |                           |       |                         |           |                   |
| <p>June 24<sup>th</sup> 1982 Tach 59<br/> oil and Filter change, visual inspection<br/> Reference W.O. 2407<br/> William G. Moh Pioneer Aviation R/S 4111</p> |          |   |                           |       |                         |           |                   |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE