

***LYCOMING***

A Textron Company

# ENGINE LOG

**SSP-1872-1**

S

**TEXTRON Lycoming**

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

ENGINE SERIAL NUMBER 

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| R | L | - | 2 | 5 | 8 | 2 | 2 | - | 5 | 1 | A |
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IN SERVICE DATE 

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 ENG. T.T. 

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DETACH AND RETAIN THIS PORTION FOR YOUR RECORD



Angelo A. Petropolis  
2032 Town And Country Dr.  
Sierra Vista, AZ 85635-4947

AND M

RECORD OF LYCOMING

MAKE

FROM \_\_\_\_\_

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

**SSP-1872-1**

# ENGINE LOG AND MAINTENANCE RECORD

RECORD OF LYCOMING

MAKE

MODEL

SERIAL

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

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

**SSP-1872-1**

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**October 1994**

**LYCOMING**

A Textron Company

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

Form No. 2481 (3/04-LM)

This engine has been rebuilt 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 or newly rebuilt. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: **IO-360-A1B6D**Serial #: **RL-25822-51A**Total Time: **0.0**Work Order #: **AD234503**Date Completed: **7/16/04**

Authorized Signature

**Lycoming Engines**652 Oliver Street  
Williamsport, PA. 17701  
Production Certificate # 3

ENC

Mfgr. **LYCOMING**

Type

Rated H.P.

Rated R.P.M.

Bore

Compression Ratio

Reduction Gear Ratio

Propeller

Blade Design

Max. Hub H.P.

Pitch

Name

Address

## ENGINE DESCRIPTION

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

# ENGINE LOG

Serial No. RL-25822-S1A

| Date     | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS  | Signature   | License Number |
|----------|------|-----|--|---|----------------|
|          | Hrs  | Min |  |   |                |
| 03-08-05 | -0   | -   | AK TACH TIME 3763.4 INSTALLED THIS ENGINE ON CESSNA 177RG, N52878 S/N 177RG-1297. NEW ENGINE MOUNTS, OVERHAULED OIL COOLER (SEE FORM 8130-1) NEW FUEL & OIL HOSES INSTALLED. NEW VACUUM PUMP INSTALLED. P-R-P GOVERNOR INSTALLED AFTER OVERHAUL - N.E. PROPELLER SEE 8130-1. THIS ENGINE WAS INSTALLED PER LYCOMING MANUALS, SERVICE BULLETINS & INSTRUCTIONS, CESSNA MAINT. MANUALS. 8 QT AGADENGL 80 MINERAL INSTALLED. ALL BOTTLING REPAIRED AIR & NEW SEALS INSTALLED. NEW AIR FILTER ELEMENT. NEW AIR BOX TO INS GASKET. NEW EXHAUST GASKETS, NEW SCAT HOSES INSTALLED. ALL CONTROL MOVEMENTS CHECKED & LUBED. ALL ENGINE COMPARTMENT HOSES NEW. SEE ATTACHED OUTSIDE WORK RELEASE FORMS. <u>COMPLETE</u> |   |                |
|          |      |     | Page Total 0.0   | All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown. |                |
|          |      |     | Brought Forward 0.0  |   |                |
|          |      |     | Total to Date 0.0  |   |                |

# ENG

| Date     | Time |     | REPAIRS - ADJUSTMENTS -   |
|----------|------|-----|---|
|          | Hrs  | Min |   |
| 03-08-05 | -0   | -   | CONTINUATION - AD LIS<br>Date <u>03-08-05</u> T.T. <u>-</u><br>I certify that this <del>eng</del> engine<br>in accordance with an a<br>and was determined to<br>condition. <u>EPL</u> |
| 7-20-05  | 3.6  |     | INSPECTED S/N OF ENGINE<br>Tach Time 3762.0   |
|          |      |     | Page Total 3.6  |
|          |      |     | Brought Forward 0.0   |
|          |      |     | Total to Date 3.6   |

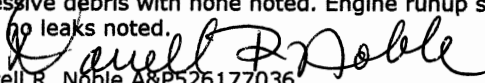
# ENGINE LOG

Serial No. RL-25822-51A

| Date            | Time       |          | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS  | Signature  | License Number |
|-----------------|------------|----------|--|--|----------------|
|                 | Hrs        | Min      |  |  |                |
| <u>08-08-05</u> | <u>-0</u>  | <u>-</u> | CONTINUATION - AD LIST ATTACHED. <u>Ed J Gibson</u> ATP 2632796                          |  |                |
|                 |            |          | Date <u>08-08-05</u> T.T. <u>-0-</u> Tach: <u>3763.4</u>                                 |  |                |
|                 |            |          | I certify that this <del>AE</del> engine has been inspected                              |  |                |
|                 |            |          | in accordance with an annual/ <del>100</del> hr inspection                               |  |                |
|                 |            |          | and was determined to be in an airworthy   |  |                |
|                 |            |          | condition.   |  |                |
|                 |            |          | <u>Ed J Gibson</u>   |  |                |
|                 |            |          | EDWARD J. GIBSON   |  |                |
|                 |            |          | A&P 2632796 IA   |  |                |
| <u>7-20-05</u>  | <u>3.6</u> |          | INSPECTED S/N OF ENGINE AND IS NOT <del>REJECTED</del> BY L9C SB 566. <u>Ed J Gibson</u> |  |                |
|                 |            |          | Tach Time <u>3762.0</u>  | <u>ATP 2632796</u>   |                |
|                 |            |          | Page Total <u>3.6</u>  | All Repair Data Must Bear the Endorsement of a<br>Certificated Mechanic, and his Rating and<br>Certificate Number MUST be Shown. |                |
|                 |            |          | Brought Forward <u>0.0</u>   |  |                |
|                 |            |          | Total to Date <u>3.6</u>   |  |                |

## ENGINE LOG

Serial No.

| Date            | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS   | Signature | License Number |
|-----------------|------|-----|---|-----------|----------------|
|                 | Hrs  | Min |   |           |                |
| 1/27/06         | 32   | 4   | <p>01/27/2006 Tach: 3795.8<br/>Engine oil changed using 8 qts. Aeroshell W100 Plus and new Champion 48103-1 oil filter. Old filter cut open and checked for excessive debris with none noted. Engine runup shows satisfactory with no leaks noted.</p>  <p>Darrell R. Noble A&amp;P526177036</p> |           |                |
|                 |      |     |   |           |                |
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| Page Total      |      |     | All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.  |           |                |
| Brought Forward |      |     |   |           |                |
| Total to Date   |      |     |   |           |                |

04/21/2006 Tach: 3813 TSN: 49.6

Inspected, cleaned, gapped, tested and reinstalled spark  
using annealed gaskets. Magneto points checked for  
Magneto to engine timing checked. Compression ion  
all over 70/80. A.D. 06-06-16 N/A, crankshaft not lis  
A.D. biweeklies checked thru 2006-08. I CERTIFY THE  
ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH  
100HR ANNUAL INSPECTION AND HAS BEEN DETERMINED  
IN AN AIRWORTHY CONDITION.

IN AN AIRWORTHY CONDITION

Darrell R. Noble IA526177036

05/23/2006 Tach: 3826

Engine oil changed using 8 qts. Aeroshell W100 Plus  
Champion 48103-1 oil filter. Old filter cut open and  
excessive debris with none noted. Oil sample taken  
Engine runup shows satisfactory with no leaks noted  
fill tube & saftied

fil tube & saftied

Darrell R. Noble A&P526177036

Total to Date





## Serial No.

[illegible]

# ENGINE LOG

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

| Date   | Time |      | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS  | Signature | License Number |
|--------|------|------|--|-----------|----------------|
|        | Hrs  | Min  |  |           |                |
| 3/9/07 | 39   | 15.6 | <p>03/09/2007 Tach: 3915.6<br/> Engine oil changed using 8 qts. Aeroshell W100 Plus and new Champion 48103-1 oil filter. Old filter cut open and checked for excessive debris with none noted. Oil sample taken for analysis. Engine runup shows satisfactory with no leaks noted.</p> <p><i>Darrell R. Noble</i><br/> Darrell R. Noble A&amp;P526177036</p>   |           |                |
|        |      |      | <p>05/17/2007 Tach: 3937.5 TSN: 174.1<br/> Oil changed using 7 qts. Aeroshell W100Plus and new Champion CH48103-1 oil filter. Oil filter cut open and inspected for excessive contaminants with none noted. Inspected, cleaned, gapped, tested and reinstalled spark plugs using annealed gaskets. Magneto points checked for condition. Magneto to engine timing checked. Compression: #1 72/80 #2 72/80 #3 72/80 #4 72/80. A.D. biweeklies checked thru 2007-09. Engine runup shows satisfactory with no leaks noted. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR/ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p><i>Darrell R. Noble</i><br/> Darrell R. Noble IA526177036</p> |           |                |

Endorsement of a  
Rating and  
shown.

# ENGINE LOG

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

| Date            | Time |       | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS  | Signature | License Number |
|-----------------|------|-------|--|-----------|----------------|
|                 | Hrs  | Min   |  |           |                |
| 8/25/07         | 3    | 987.7 | <p>Engine:<br/>08/25/2007 Tach: 3987.7<br/>Engine oil changed using 8 qts. Aeroshell W100 Plus and new Champion 48103-1 oil filter. Old filter cut open and checked for excessive debris with none noted. Oil sample taken for analysis. Engine runup shows satisfactory with no leaks noted. Repaired exhaust heat shield.</p> <p><i>Darrell R. Noble</i><br/>Darrell R. Noble A&amp;P526177036</p> |           |                |
|                 |      |       |  |           |                |
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| Page Total      |      |       | All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.   |           |                |
| Brought Forward |      |       |  |           |                |
| Total to Date   |      |       |  |           |                |

EN

| Date            | Time |     | REPAIRS - ADJUSTMENTS |
|-----------------|------|-----|-----------------------|
|                 | Hrs  | Min |                       |
|                 |      |     |                       |
|                 |      |     |                       |
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| Page Total      |      |     |                       |
| Brought Forward |      |     |                       |
| Total to Date   |      |     |                       |

## SERVICEABLE PART

Manufacturer LYCOMING ENGINES  
Part Name AIRCRAFT ENGINE  
Model No. IO-360-A1B6D  
Serial No. RL - 25822-51A  
Remarks \_\_\_\_\_

The aircraft engine or accessory identified above was:  
**Rebuilt**

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

Pertinent details of the work performed are on file at  
Lycoming Engines under order no: AD234503

Date 7/16/04  
Signed [Signature]

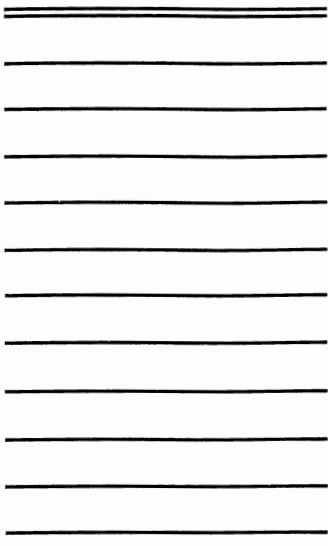
Signature of Authorized Person

FOR: **LYCOMING**

A Textron Company

652 Oliver Street  
Williamsport, PA 17701 USA  
Production Certificate #3

Form 302A (3/04-LM)



# ENGINE LOG

Serial No. RL-25822-51A

| Date    | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|---------|------|-----|---|-----------|----------------|
|         | Hrs  | Min |   |           |                |
| 1/04/08 | 4014 | 4   |   |           |                |



**WESTERN**  
*Skyways*  
INC.

GOLD SEAL AIRCRAFT ENGINES

21 Creative Place Montrose, CO 81401 CRS # WS9R575J

Engine Model: IO-360-A1B6D

Serial Number: RL-25822-51A

Time: Hrs 4014.4 Tach

Work Order: 22351 Date: 01/04/08

This engine was disassembled for a prop strike inspection per SB 533A, MSB 475C, and AD 2004-10-14. All parts were cleaned and inspected. Crankcase M/N: TPF1112PT was visual and fluorescent penetrant inspected and found to be serviceable. Crankshaft S/N: 127473 was overhauled and certified by Aircraft Specialties under W/O# 164469. Installed new crankshaft bolt and lock tab per MSB 475C. Final bolt

*Continued next page →*

|  |  |                 |  |
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|  |  | 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   |  |

# ENGINE LOG

Serial No.

RL-7582251A

| Date    | Time |       | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS  | Signature | License Number |
|---------|------|-------|--|-----------|----------------|
|         | Hrs  | Min   |  |           |                |
| 1/04/08 | 4    | 014.4 | <p><i>Continued → from previous page</i></p> <p>torque: 660 in.lbs. The lock plate was properly bent in place against the bolt head and all inspections and re-work required by MSB 475C were accomplished. Installed new lifters P/N# 72877. Performed a 500 hour inspection on magneto S/N: G04GA007. Re-installed fuel injection lines in accordance with AD2002-26-01. No work was done to remaining accessories. Cylinders were honed and re-ringed. Engine was reassembled using new rod and main bearings, new rod bolts and nuts, and gaskets and seals as necessary. Engine was run in a test cell for leak and operations check. All work was done IAW Lycoming Overhaul Manual 60294-7-10 and applicable Service Bulletins.</p> <p>The engine and/or component identified above was repaired and inspected IAW current FAA Regulations and found Airworthy for return to service. Pertinent details of this repair are on file at this repair station under above work order.</p> |           |                |
|         |      |       | Page Total   |           |                |
|         |      |       | Brought Forward  |           |                |
|         |      |       | Total to Date  |           |                |

Signed: *Tony Nichols*

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

Signed:

Tony Nichols

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

# Western Skyways, Inc.

21 Creative Place  
Montrose, CO 81401  
CRS NO. WS9R575J

W/O NO. 22351 MODEL TCM

PART NO. 10-682555-11 S/N NO. G046A007

PART NAME Magneto TT UNK TSO UNK

REMARKS q/w 500 HR inspection and  
bench tested I.A.W. manual X40000.

q/w required SB'S and AD'S. END

Date 11/27/07 Signature Wille Verjes

FORM 101

SERVICEABLE



## MAINTENANCE RELEASE

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS  
REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL  
AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN  
TO SERVICE.

Pertinent details of this repair are on file at this repair station under

Work Order Number 22351 Dated 11/28/07

Signature Melanie Medina

**Western Skyways, Inc.**

21 Creative Place  
Montrose, CO 81401  
CRS NO. WS9R575J

# ENGINE LOG

Serial No. RL-25822-51A

| Date   | Time         | Signature                    | License                  |
|--|--------------|------------------------------|--------------------------|
| 2/27/08  |              |                              |                          |
| <div data-bbox="315 382 766 527" data-label="Image"> </div> <div data-bbox="643 531 951 611" data-label="Text"> <p>GREELEY, CO<br/>REPAIR STATION BX4R092M<br/>(970) 353-9200</p> </div> |              |                              |                          |
| 02-27-08   | Hobbs 230.20 | Tach 4014.40                 | N52878      sn 177RG1297 |
| Reinstalled Lycoming IO-360-A1B6D sn RL-25822-51A after repairs from Western Skyways, Inc. CRS# WS9R575J WO# 22351. Torqued and saftied mounts as required.                              |              |                              |                          |
| Page Total   |              | <i>Continued next page</i> → |                          |
| 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. RL-25822-514

| Date    | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS  | Signature  | License Number |
|---------|------|-----|--|--|----------------|
|         | Hrs  | Min |  |  |                |
| 2/27/08 | 4    | 4   | Continued from previous page →   |  |                |
|         |      |     | Routed and reconnected all lines, hoses, electrical, and controls. Reinstalled existing baffles and mounts. Replaced muffler pn 2054000-38 after overhaul from Aerospace Welding Minneapolis, Inc. CRS# UWDR792L WO# 113267. Replaced muffler pn 2054000-42 after overhaul from Aerospace Welding Minneapolis, Inc. CRS# UWDR792L WO# 113266. Reinstalled McCauley governor Model # C290D3K/T12 sn 773749 after overhaul from Redline Aviation CRS# R62R296Y WO# 281. Installed per Lycoming Service Instructions #1438A. Installed overhauled vacuum pump Model 215CC sn 55656 from Aero Accessories, Inc. CRS# YV4R688M WO# 58145. Verified service instruction 1508A, proper magneto hold down clamp. Serviced with Aeroshell 80 non-detergent oil. Pre-oiled, test run, and checked for leaks. All systems, temperatures, RPM's, and pressures normal. |  |                |
|         |      |     | Continued next page →  |  |                |
|         |      |     | Page Total   | All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. |                |
|         |      |     | Brought Forward  |  |                |
|         |      |     | Total to Date  |  |                |

# ENGINE LOG

Serial No. RL-25822-51A

| Date   | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature   | License Number |
|--|------|-----|---|---|----------------|
|  | Hrs  | Min |   |   |                |
| 2/27/08  | 4    | 14  | Continued from Previous page →            |   |                |
| <p>This aircraft was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.</p> <p><b>LIMITED TO THE WORK PERFORMED</b></p> <p>Pertinent details on file at Beegles Aircraft Service, Inc., Greeley, CO.<br/>Work Order # 10,799 CRS BX4R092M</p> <p>Signed _____</p> |      |     |   |   |                |
|  |      |     |   |   |                |
|  |      |     |   |   |                |
|  |      |     | Page Total                                | All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown. |                |
|  |      |     | Brought Forward                           |   |                |
|  |      |     | Total to Date                             |   |                |

# ENGINE LOG

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

| Date    | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS   | Signature   | License Number |
|---------|------|-----|---|---|----------------|
|         | Hrs  | Min |   |   |                |
| 3/29/08 | 403  | 14  | Engine oil changed using 8 qts Aeroshell W100 Plus and new Champion 48103-1 oil filter. Oil filter cut open and inspected for excessive debris with none noted. Engine run-up shows satisfactory with no leaks. <i>Angelo Arterio</i> Owner/Pilot |   |                |
| 3/29/08 | 403  | 14  | AD #: 2008-06-51 <u>Does not apply</u> Logbooks reviewed and Western Skyways Inc. contacted. Fuel injection servo not removed or serviced during recent propstroke inspection. <i>Angelo Arterio</i> Owner/Pilot                                  |   |                |
|         |      |     | Page Total  | All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown. |                |
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|         |      |     | Total to Date   |   |                |

05/17/2  
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Danell R

# ENGINE LOG

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

05/17/2008 Tach : 4052.5 TSN: 239.5 Cyl. Rework: 38.1  
Oil changed using 8 qts. Aeroshell W100Plus and new Champion CH48103-1 oil filter. Oil filter cut open and inspected for excessive contaminants with none noted. Inspected, cleaned, gapped, tested and reinstalled spark plugs using annealed gaskets. Engine mounts checked for torque. Magneto points checked for condition. Magneto to engine timing checked. Compression: #1 72/80 #2 70/80 #3 72/80 #4 72/80. Replaced all exhaust riser to muffler clamps with P/N AQ750161-25 and all risers from Aerospace Welding Minneapolis, see forms 8130-3. Exhaust system installed using new blow proof gaskets supplied from AWI. Adjusted idle speed. A.D. biweeklies checked thru 2008-12. Engine runup shows satisfactory with no leaks noted. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR/ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Darrell R. Noble IA526177036

| S | Serial No. _____ |                |
|---|------------------|----------------|
|   | Signature        | License Number |
|   |                  |                |
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|   |                  |                |
|   |                  |                |

08/22/2008 Tach: 4073

Inspected fuel injector lines and clamp arrangement in accordance with A.D. 2008-14-07 and Textron Lycoming Service Bulletin 342E dated May 18, 2004. No discrepancies noted.

Darrell R. Noble A&P526177036

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

[illegible]

## Serial No.

[illegible]



07/12/2009 Tach : 4152.4 TSN: 339.4 STOH: 138

Oil changed using 8 qts. Aeroshell W100Plus and new Champion CH48103-1 oil filter. Oil filter cut open and inspected for excessive contaminants with none noted. Inspected, cleaned, gapped, tested and reinstalled spark plugs using annealed gaskets. Magneto to engine timing checked. Compression: #1 78/80 #2 76/80 #3 76/80 #4 78/80. Replaced exhaust system with Power Flow tuned exhaust system. See form 337 dated 07/10/2009. Complied with A.D. 08-14-07 by inspection. A.D. biweeklies checked thru this date. Engine runup shows satisfactory with no leaks noted. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR/ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Darrell R. Noble IA526177036

Serial No. RL25822-S1A

[illegible]

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

|  |  |  |  |               |
|--|--|--|--|---------------|
|  |  |  |  | Total to Date |
|--|--|--|--|---------------|

[illegible]

# ENGINE LOG

Serial No. RL25822-51A

| Date     | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS  | Signature  | License Number |
|----------|------|-----|--|--|----------------|
|          | Hrs  | Min |  |  |                |
| 10/31/09 | 4    | 20  | Oil changed using 8 qts Aeroshell W100Plus and new Champion CH48103-1 Filter. Oil filter cut open and inspected for excessive contaminants with none noted. Angelo A. Petropoulos Owner/Pilot FAA Certificate #3204074<br><i>Angelo A. Petropoulos</i> |  |                |
| 10/31/09 | 4    | 20  | Engine run-up after oil changed shows normal oil pressure. No leaks<br><i>Angelo A. Petropoulos</i> Owner/Pilot #3204074   |  |                |
|          |      |     | Page Total   | All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. |                |
|          |      |     | Brought Forward  |  |                |
|          |      |     | Total to Date  |  |                |

License  
Number

## Serial No.

RL 25822-51A

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

## ENGINE LOG

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

[illegible]

| Date       | Time |      |
|------------|------|------|
|            | Hrs  | Min  |
| 08/05/2010 | Tach | : 43 |

Owner/operator, Angelo  
change using 8 qts. A  
CH48103-1 oil filter. C  
contaminants with no  
and reinstalled spark  
checked for torque. M  
condition. Magneto re  
to engine. Compression  
mixture. Exhaust rem  
joints as per Power Ex  
plug above oil relief va  
thru this date. Engine  
noted. I CERTIFY THAT  
ACCORDANCE WITH A  
BEEN DETERMINED TO  
Darrell R. Noble IA526

*Darrell*

# ENGINE LOG

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

| Date   | Time          |            | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|--|---------------|------------|---|-----------|----------------|
|  | Hrs           | Min        |   |           |                |
| 08/05/2010   | Tach : 4304.8 | TSN: 391.9 | Cyl. Rework: 190.5                        |           |                |
| Owner/operator, Angelo Petropolis cert #3204074 performed oil change using 8 qts. Aeroshell W100Plus and new Champion CH48103-1 oil filter. Oil filter cut open and inspected for excessive contaminants with none noted. Inspected, cleaned, gapped, tested and reinstalled spark plugs using annealed gaskets. Engine mounts checked for torque. Magneto removed and contacts checked for condition. Magneto reinstalled using new lock washers and timed to engine. Compression all greater than 70/80. Adjusted idle mixture. Exhaust removed to apply new anti seize compound to all joints as per Power Exhaust Instructions. Removed pipe thread plug above oil relief valve and resealed. A.D. biweeklies checked thru this date. Engine runup shows satisfactory with no leaks noted. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR/ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION. |               |            |   |           |                |
| Darrell R. Noble IA526077036   |               |            |   |           |                |
| <i>Darrell R. Noble</i>  |               |            |   |           |                |

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

cense  
umber

## Serial No.

PC 25822-57A

| Date       | Time  |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS   | Signature | License Number |
|------------|-------|-----|---|-----------|----------------|
|            | Hrs   | Min |   |           |                |
| 08/05/2010 | 541.4 | 00  | <p>Tach : 4304.8 TSN: <del>6000</del> Cyl. Rework: <del>190.4</del></p> <p>Owner/operator, Angelo Petropolis cert #3204074 performed oil change using 8 qts. Aeroshell W100Plus and new Champion CH48103-1 oil filter. Oil filter cut open and inspected for excessive contaminants with none noted. Inspected, cleaned, gapped, tested and reinstalled spark plugs using annealed gaskets. Engine mounts checked for torque. Magneto removed and contacts checked for condition. Magneto reinstalled using new lock washers and timed to engine. Compression all greater than 70/80. Adjusted idle mixture. Exhaust removed to apply new anti seize compound to all joints as per Power Exhaust Instructions. Removed pipe thread plug above oil relief valve and resealed. A.D. biweeklies checked thru this date. Engine runup shows satisfactory with no leaks noted. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR/ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p>Darrell R. Noble IA526477036</p> |           |                |



## ENGINE LOG

Serial No. RL25827-51A

[illegible][illegible]

License  
Number

Serial No. RL25822-51A

| Date      | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS  | Signature   | License Number |
|-----------|------|-----|--|---|----------------|
|           | Hrs  | Min |  |   |                |
| 1/15/2014 | 3    | 48  | <p>Replaced spark plugs in all cylinders with 8 new Champion iridium fine wire plugs P/N: RHM38S.</p> <p>Angelo A. Petropolis, owner / Pilot.</p>                    | <i>[Signature]</i>  | 3204074        |
|           |      |     |   |   |                |
|           |      |     | <p>Page Total</p> <p>Brought Forward</p> <p>Total to Date</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. RL25822-51A

[illegible]

**Sierra Vista Aviation Services, LLC**

**4535 Via Viento**

**Sierra Vista, AZ 85635**

**520-22-1759**

[svas@cox.net](mailto:svas@cox.net)

N52878 Cessna 177RG S/N 177RG1297  
Lycoming IO-360-A1B6D SN RL-25822-51A

09/24/2011 Tach: 4393.6 TSFR: ~~630.2~~ Cyl. Rework: 379.2

Owner/operator, Angelo Petropoulos cert. #3204074 performed oil change using 8 qts. Aeroshell W100Plus. New Champion CH48103-1 oil filter installed this date. Old oil filter cut open and inspected for excessive contaminants with none noted. Inspected, cleaned, gapped, tested and reinstalled spark plugs using annealed gaskets. Exhaust removed to apply new anti seize compound to all joints as per Power Exhaust Instructions. Engine mounts checked for torque.

License  
Number

3204074

**Aviation Services, LLC**

**4535 Via Viento**

Sierra Vista, AZ 85635

520-22-1759

[svas@cox.net](mailto:svas@cox.net)

177RG S/N 177RG1297

N52878 Cessna 177RG S/N 177RG122-11260 SN RI -25822-51A

Lycoming IO-360-A1B6D SN# 2  
09/24/2011 Tach: 4393.6 TSFR: 630.2 Cyl. Rework: 379.2  
Sensored oil

09/24/2011 Tach: 4555.3 630.2  
Owner/operator, Angelo Petropolis cert #3204074 performed oil change using 8 qts. Aeroshell W100Plus. New Champion CH48103-1 oil filter installed this date. Old oil filter cut open and inspected for excessive contaminants with none noted. Inspected, cleaned, gapped, tested and reinstalled spark plugs using annealed gaskets. Exhaust removed to apply new anti seize compound to all joints as per Power Exhaust instructions. Engine mounts checked for torque. Magneto to engine timing checked. Compression as follows: #1 173/80 #2 74/80 #3 74/80 #4 74/80 A.D. biweeklies checked thru this date. Engine runup shows satisfactory with no leaks noted I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR/ANNUAL INSPECTION AND HAS SECONDARY CONDITION.

I CERTIFY THAT THIS **ENGINE** HAS BEEN INSPECTED IN  
thru this date. Engine has been inspected in  
ACCORDANCE WITH A **100HR/ANNUAL** INSPECTION AND HAS  
BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.  
D. J. Noble

Darrell R. Noble IA3513071



Must Bear the Endorsement of a  
 c, and his Rating and  
**MUST** be Shown.

Serial No.

RL25822-51A

Signature

License  
Number





## Serial No.

|         |     |      | Time   |  | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature  | License Number |
|---------|-----|------|--|--|---|--|----------------|
| Date    | Hrs | Min  |  |  |   |  |                |
| 6/29/13 | 4   | 48.1 | Engine oil changed using 8 qts. Aeroshell 100W PLUS, SAE 50W OIL. & new Champion CH48103-1 filter. Oil filter cut open and inspected for excessive contaminants with none found. Sample sent for oil analysis. Engine run-up after oil change shows normal indicated oil pressure. No oil leaks. Angelo A. Petropolis, Pilot/owner, FAA pilot certificate #3204074 |  |   |  |                |
|         |     |      | Page Total   |  |   | All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. |                |
|         |     |      | Brought Forward  |  |   |  |                |
|         |     |      | Total to Date  |  |   |  |                |



DATE \_\_\_\_\_

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

~~Closed 09/19/2013~~

## SERVICEABLE PART

Manufacturer LYCOMING ENGINES  
Part Name AIRCRAFT ENGINE  
Model No. IO-360-A1B6D  
Serial No. RL - 25822-51A  
Remarks \_\_\_\_\_

The aircraft engine or accessory identified above was:

**Rebuilt**

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

Pertinent details of the work performed are on file at  
Lycoming Engines under order no: AD234503

Date 7/6/64

Signed \_\_\_\_\_

Signature of Authorized Person

FOR:

**LYCOMING**

A Textron Company

652 Oliver Street  
Williamsport, PA 17701 USA

Production Certificate #3

Form 302A (3/04-LM)



**LYCOMING**

A Lycoming Company

**RECORD OF ACCESSORIES  
MAJOR PARTS SHIPPED WITH ENGINE**

623 Onei Street Wilmansport, PA. 17701 U.S.A.

Model No. IO-590-A1B80

Serial No. RL-25822-51A

EQUIP. REPAIR-6555

Order No. AD234593

TC No. 1E10

Date: 7/16/64

Part Name

Part Number

Manufacturer

Serial

Selling

CARBURETOR

7307-85

PAL

82258

252455-11

INJECTOR

LT ALTERNATOR

7307-85

PAL

82258

252455-11

RT ALTERNATOR

7307-85

PAL

82258

252455-11

MAGNETO LEFT

MAGNETO RIGHT

MAGNETO MOUNT

LASER IGN CONT

STARTER

FUEL PUMP

IGN HARNESS L

IGN HARNESS R

USER IGN HARNESS

SPARK PLUG

LT TURBOCHARGER

RT TURBOCHARGER

BYPASS VALVE

DENSITY CONTR.

PRESS. CONTR.

AB PRESS REL.

#1 INTERCOOLER

#2 INTERCOOLER

CRANKCASE MATCH NO.

TPF-1112

CRANKSHAFT SERIAL NO. 127473

All accessories listed are 0 (used) Item serials show as 0 (unused) Item Serials Quoted  
As accessories are new unless part number is indicated by a dot at the end.Cylinders: Run Slud 8 C of A Issued \_\_\_\_\_

Nitroed Barrels (Btu)

8

Date \_\_\_\_\_

NOTE: Form to be used on all New, Overhauled, Repaired Engines Models \_\_\_\_\_

Date: 7/16/64

Released: Inspector \_\_\_\_\_





