

N30915  
CESSNA 177B

N30915  
ENGINE  
LOG #1  
BEGINNING  
4/24/1997  
ENDING  
6/01/2011

**TEXTRON** Lycoming

# ENGINE LOG

SSP-1872-1

**TEXTRON Lycoming**

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

# ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING  
MAKE MODEL SERIAL  
FROM \_\_\_\_\_ 19 \_\_\_\_ TO \_\_\_\_\_ 19 \_\_\_\_  
DETAILING TIME FROM \_\_\_\_\_ TO \_\_\_\_\_  
HOURS HOURS  
**SSP 1872-1** **October 1994**

# TEXTRON Lycoming

Reciprocating Engine Division/  
Subsidiary of Textron Inc.

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

ENGINE SERIAL NUMBER **R L - 25807 - 36A**

IN SERVICE DATE **5 - 30 97** ENG. T.T. **0.0**

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

## SERVICEABLE PART

Manufacturer TEXTRON LYCOMING  
Part Name PURCHASER ENG.  
Model 0-360-A1FL  
Part No. \_\_\_\_\_  
Serial No. RL-25807-36A

Remarks: \_\_\_\_\_

The aircraft engine or accessory identified above was:

- REMANUFACTURED / REBUILT
- OVERHAULED
- REPAIRED

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

Pertinent details of the repair are on file at this repair station under Order No. MPS 12 D. 2. 2. 2.

Date 4-24-97  
Signed Charles B. White  
Signature of Authorized Person

FOR: **TEXTRON Lycoming**

Reciprocating Engine Division  
Subsidiary of Textron Inc.  
652 Oliver Street  
Williamsport, PA 17701 U.S.A.  
717/323-6181

FAA REPAIR STATION #EJ1R115K **42700**

Form 302

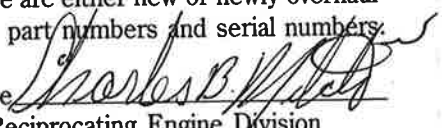
# **TEXTRON Lycoming**

TLRED-489  
(Rev. 3-93)

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

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming manuals. All Federal Aviation Administration Airworthiness Directives and Textron Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are either new or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: **O-360-A1F6**  
Serial #: **RL-25807-36A**  
Total Time: **0.0**  
Work Order #: **MPS120225**  
Date Completed: **4-24-99**

Authorized Signature:   
Textron Lycoming Reciprocating Engine Division  
652 Oliver Street  
Williamsport, PA 17701  
Repair Station: **EJ1R115K**

## ENGINE DESCRIPTION

|                                      |                                     |                                |         |
|--------------------------------------|-------------------------------------|--------------------------------|---------|
| Mfr. <b>TEXTRON LYCOMING</b>         | Place <b>Williamsport, PA 17701</b> | Date <b>4-24-97</b>            |         |
| Type <b>RECIPROCATING</b>            | Model <b>O-360-A1FG</b>             | Serial No. <b>RL-25807-36A</b> |         |
| Rated H.P. <b>180</b>                | 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 <b>M<sup>c</sup>CAULEY</b> | Hub Design <b>B2D34C211/B2PCA</b>   | Hub Serial No. <b>771642</b>   |         |
| Blade Design <b>B2PCA-6</b>          | Blade Serial No. <b>B66242</b>      | Blade Serial No. <b>B67919</b> |         |
| Max. Hub H.P.                        | Max. Blade H.P.                     |                                |         |
| Pitch                                | Diameter                            | Length                         |         |
| Name                                 |                                     |                                |         |
| Address                              |                                     |                                |         |

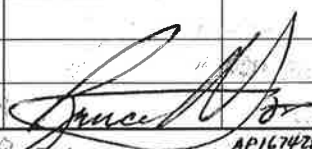
# ENGINE LOG

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

| Date    | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS   | Signature  | License Number |
|---------|------|-----|---|--|----------------|
|         | Hrs  | Min |   |  |                |
| 5-30-97 | 0    | 0   | TT 0.0 TACH: 3389.2 RECEIVED, INSPECTED<br>AND INSTALLED ENGINE ON CESSNA 177B<br>S/N 177-01543, N30915. ENGINE INSTALLED<br>WITH NEW MOUNTS; CONTROLS ATTACHED<br>AND ADJUSTED PER SERVICE SPECIFICATIONS.<br>INSTALLED ACCESSORIES AND McCAULEY<br>PROPELLER MODEL B2D34C211/B2PCA-6<br>S/N 77104Z. ALL CONNECTIONS CHECKED<br>ENGINE PRE OILED PER LYCOMING SI.<br>ENGINE TEST RUN ON GROUND AND CONTINUED |  |                |
|         |      |     | 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. \_\_\_\_\_

| Date | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS  | Signature  | License Number        |
|------|------|-----|--|--|-----------------------|
|      | Hrs  | Min |  |  |                       |
|      |      |     | <p><i>CONTINUATION</i> INSPECTED WITH NO LEAKS OR ABNORMALITIES</p> <p>NOTED. TACH TIME <u>3389.2</u> TOTAL TIME <u>0.0</u></p> <p>TIME S.M.O. <u>0.0</u> REMOVE PLUGS</p> <p>CONDUCT COMPRESSION CHECK AS FOLLOWS</p> <p>#1 <del>780</del> #2 <del>780</del> #3 <del>780</del> #4 <del>780</del> #5 <del>780</del></p> <p>#6 <del>780</del> CLEANED AND GAPPED PLUGS. CHECKED</p> <p>MAG. TIMING CLEANED SCREENS, FUNCTION</p> <p>CHECKED ALL CONTROLS FOR TRAVEL, LUBE AS</p> <p>NEEDED, CLEAN ALL FUEL SYSTEM SCREENS.</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN</p> <p>INSPECTED IN ACCORDANCE WITH A 100 HR.</p> |   |                       |
|      |      |     | <p>Page Total INSPECTION AND HAS BEEN DETERMINED TO</p> <p>Brought Forward BE IN AN AIRWORTHY CONDITION</p> <p>Total to Date</p>   | <p style="font-size: small;">All Repair Data must Bear the Endorsement of a<br/>Certified Mechanic, and his Rating and<br/>Certificate Number MUST be Shown.</p> | <p>AP167428974 IA</p> |





# ENGINE LOG

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

| Date | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|------|------|-----|---|-----------|----------------|
|      | Hrs  | Min |   |           |                |

**N30915  
ENGINE  
TACH: 3492.11**



**DATE: 05/27/98  
S/N:**

Spirit of St. Louis Airport • 18600 Edison Avenue • Chesterfield, Missouri 63005 • 314.532.9200

- 1.) COMPLIED WITH AN ANNUAL INSPECTION AND PREVENTATIVE MAINTENANCE IN ACCORDANCE WITH CESSNA 177 INSPECTION GUIDE:
- 2.) RUN UP AND OPERATION CHECKED GOOD.

*I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection per the scope and detail of FAR 43 APP D and was found to be in an airworthy condition.*

Authorized signature: \_\_\_\_\_

*[Handwritten Signature]*  
*APP 352502262FA*

|  |  | 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. \_\_\_\_\_

| Date | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|------|------|-----|---|-----------|----------------|
|      | Hrs  | Min |   |           |                |

N30915  
TACH: 109.2



DATE: 07/07/98  
S/N: 17701543

Spirit of St. Louis Airport • 18600 Edison Avenue • Chesterfield, Missouri 63005 • 314.532.9200

- 1.) INSPECTED CARB., MAG TIMING, SPARK PLUGS AND LEADS., ENGINE COMPRESSION.
- 2.) ADJUSTED CARB HEAT CABLE.

I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service. Work Order Number 97412

Authorized Signature: *Keith Heer* A&P 486927989

|  |  |               |                                   |
|--|--|---------------|-----------------------------------|
|  |  | Total to Date | Certificate Number MUST be Shown. |
|--|--|---------------|-----------------------------------|

# ENGINE LOG

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

| Date | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|------|------|-----|---|-----------|----------------|
|      | Hrs  | Min |   |           |                |

**N30915  
ENGINE**



**DATE: 09/09/98  
TACH: 127.64**

Spirit of St. Louis Airport • 18600 Edison Avenue • Chesterfield, Missouri 63005 • 314.532.9200

1. DRAINED OIL AND CUT OPEN FILTER. NO METAL NOTED. INSTALLED 8 QTS. PHILLIPS 20W/50 AND CH48110 FILTER. WASHED ENGINE AND RAN ENGINE FOR LEAKS.
2. REMOVED CYL. #2, CROSS HATCHED CYL, REPLACED RINGS AND GASKETS. WASHED ENGINE. RAN FOR LEAKS AND OPS. CHECK. ALL WORK DONE I/A/W LYCOMING OVERHAUL MANUAL.

*I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service. Work Order Number: 97532 Signed: Jeremy P. McEntire AP497804515*

|  |  |                 |   |
|--|--|-----------------|---|
|  |  | Brought Forward | Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. |
|  |  | Total to Date   |   |

# ENGINE LOG

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

| Date | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|------|------|-----|---|-----------|----------------|
|      | Hrs  | Min |   |           |                |

**N30915  
ENGINE**



DATE: 11/11/98

Spirit of St. Louis Airport • 18600 Edison Avenue • Chesterfield, Missouri 63005 • 314.532.9200

- REMOVED CARBURETOR FOR REPAIR BY B & S AIRCRAFT PARTS & ACCESSORIES, INC., W/O#R98-290327. REINSTALLED CARBURETOR AND RAN ENG. FOR OPS. CHECK.

*I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service.*

Work Order Number: 97606 Signed: *Jeremy R. McIntire* AP497804515

|  |  |  |                 |  |  |
|--|--|--|-----------------|--|--|
|  |  |  |                 |  |  |
|  |  |  | 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. \_\_\_\_\_

|      |      |     |   |           |                |
|------|------|-----|---|-----------|----------------|
| Date | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|      | Hrs  | Min |   |           |                |

**N30915  
ENGINE**



**DATE: 2/17/99  
TACH: 145.96**

Spirit of St. Louis Airport • 18600 Edison Avenue • Chesterfield, Missouri 63005 • 314.532.9200

1. PERFORMED 50 HOUR INSPECTION AND PREVENTATIVE MAINTENANCE.
2. DRAINED OIL AND CUT OPEN FILTER. NO METAL NOTED.
3. REPLACED OIL WITH 20W50 AND OIL FILTER WITH PN CH48110.
4. CW S.I. 1492A BY INSPECTING FILTER AND TAKING OIL SAMPLE.
5. WASHED ENGINE AND PERFORMED ENGINE RUN-UP AND LEAK CHECK. FOUND NORMAL.

*I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service.*  
 Work Order Number: 97742 Signed: Jeff H. Hinman AP497804515

|   |                |  |   |  |   |  |                     |
|---|----------------|--|---|--|---|--|---------------------|
| 1. UNITED STATES  |                | 2. <b>FAA FORM 8130-3</b><br><b>AIRWORTHINESS APPROVAL TAG</b><br><small>U.S. DEPARTMENT OF TRANSPORTATION<br/>FEDERAL AVIATION ADMINISTRATION</small> |   |  |   | 3. SYSTEM TRACKING REF. NO.<br><b>D75481</b> |                     |
| 4. ORGANIZATION<br><b>CESSNA AIRCRAFT COMPANY</b><br><b>CESSNA PARTS DISTRIBUTION DEPT. 702</b><br><b>5800 E. PAWNEE, WICHITA, KS 67218</b>   |                |  |   |  | 5. WORK ORDER, CONTRACT, OR INVOICE NUMBER<br><b>D8120944</b> |  |                     |
| 6. ITEM   | 7. DESCRIPTION | 8. PART NUMBER   | 9. ELIGIBILITY *                        | 10. QTY.   | 11. SERIAL/BATCH NO.  | 12. STATUS/WORK                              |                     |
| 0014  | FILTER OIL     | CH48110  | VARIOUS                                 | 1  | N/A   | NEW  |                     |
| 13. REMARKS<br><b>AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL</b>   |                |  |   |  |   |  |                     |
| 14. NEW <input checked="" type="checkbox"/> NEWLY OVERHAULED <input type="checkbox"/><br><small>Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.<br/>NOTE: In case of parts to be exported, the special requirements of the importing country have been met.</small> |                |  |   | 19. Return to Service in Accordance with FAR 43.9<br><small>Certifies that the work specified in block 13 (or attached) was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.</small> |   |  |                     |
| 15. SIGNATURE<br>   |                |  | 16. FAA AUTHORIZATION NO.<br><b>PC4</b> |  | 20. AUTHORIZED SIGNATURE                                      |  | 21. CERTIFICATE NO. |
| 17. NAME (TYPED OR PRINTED)<br><b>JEFF HINMAN, DOA</b>  |                |  | 18. DATE<br><b>12/03/98</b>             |  | 22. NAME (TYPED OR PRINTED)                                   |  | 23. DATE            |

FAA Form 8130-3 (11-80)

\* (OPTIONAL) INSTALLER MUST CROSS-CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA.

FAA Form 8130-3

## Airworthiness Approval Tag

### User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases maintenance records must contain an installation certification issued in accordance with the regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.



Cell No. 31  
 Engine No. 118888888888  
 Fuel System Serial 75067001  
 Setting No. 12096  
 Fuel System Curve No. 12096  
 Ignition Serial Nos.  
 Left 211288888888  
 Right 211288888888  
 Type of Run 118888888888

Date 4.23.77  
 Lvc. Test Spec. 602

**TEXTRON Lycoming**

**PRE-OIL**

Form No. T-001 (Revised 4/85)  
 Preservation - LPS 496  
 Part 3.2 Test  
 Sign. H. H. Shick  
 Engine Tested With Float Bowl  
 Connected To Fuel Pump Inlet

**PRODUCTION MANUAL ENGINE TEST LOG**

**IGNITION TEST**

Both Mags. 21128  
 Both Mags. 21128  
 Acceleration Check  
 Idle Cut Off Check

Oil Temp. 140  
 Pre-Oil Press. 6.3 PSI  
 Oil Pr. At Idle 50  
 Oil Consumption Lb/Hr  
 Time of Barometer Reading  
 Barometer Reading - In. Hg.  
 ENGINE TESTED & ACCEPTED

Tester Signature  
 Date

| Time  | Start Run | Start Read | Spec Set Point | Eng Spd Rpm | Deck P In Hg | Noz P In Hg | Man P In Hg | Orif P In Hg | Oil P Psi | Fuel P Psi | Orif Dg | Orif T Deg F | Deck T Deg F | Fuel T Deg F | Oil T Deg F | Exh T Deg F | Fuel Cons Lbs/Hr | Vent Flow Lbs/Hr | Head T. No. Deg F | Teo P2 Psi |   |
|-------|-----------|------------|----------------|-------------|--------------|-------------|-------------|--------------|-----------|------------|---------|--------------|--------------|--------------|-------------|-------------|------------------|------------------|-------------------|------------|---|
|       |           |            |                |             |              |             |             |              |           |            |         |              |              |              |             |             |                  |                  |                   |            | 1 |
| C-430 | 510       | F          |                |             |              |             |             |              |           |            |         |              |              |              |             |             |                  |                  |                   |            |   |
| C-435 | 0429      | 1200       | 1200           | 1200        |              |             |             |              |           |            |         |              |              |              |             |             |                  |                  |                   |            |   |
| C-430 | 0439      | 1400       | 1400           | 1400        |              |             |             |              |           |            |         |              |              |              |             |             |                  |                  |                   |            |   |
| C-440 | 0449      | 2200       | 2200           | 2200        |              |             |             |              |           |            |         |              |              |              |             |             |                  |                  |                   |            |   |
| C-440 | 0459      | 016        | 016            | 016         |              |             |             |              |           |            |         |              |              |              |             |             |                  |                  |                   |            |   |
| C-455 | 0459      | 700        | 700            | 700         |              |             |             |              |           |            |         |              |              |              |             |             |                  |                  |                   |            |   |
| C-500 | 0509      | 700        | 700            | 700         |              |             |             |              |           |            |         |              |              |              |             |             |                  |                  |                   |            |   |
| C-505 | 0509      | 1200       | 1200           | 1200        |              |             |             |              |           |            |         |              |              |              |             |             |                  |                  |                   |            |   |
| C-510 | 0519      | 1616       | 1616           | 1616        |              |             |             |              |           |            |         |              |              |              |             |             |                  |                  |                   |            |   |
| C-525 | 0529      | 1116       | 1116           | 1116        |              |             |             |              |           |            |         |              |              |              |             |             |                  |                  |                   |            |   |
| C-530 |           |            |                |             |              |             |             |              |           |            |         |              |              |              |             |             |                  |                  |                   |            |   |

Remarks

The following minor variations to the applicable engine test specification were observed during this test and determined to be acceptable "as is". The acceptance of these variations will not affect airworthiness of function of the engine.

- Variations
- 1
  - 2
  - 3
  - 4

Engr. \_\_\_\_\_ Date \_\_\_\_\_

N30915  
ENGINE

TTENG: 257, SMOH: 257, ACTT: 3646

**Thunder**  
**AVIATION**

DATE: 4/30/1999

TACH: 154

W/O#: 97861

ense  
nber

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. PERFORMED 100 HOUR INSPECTION AND PREVENTATIVE MAINTENANCE.
2. PERFORMED COMPRESSION CHECKS AS FOLLOWS: #1 70/80, #2 80/80, #3 79/80, #4 78/80.
3. REPLACED 4 VALVE COVER GASKETS WITH PN 75906.
4. TIGHTENED OIL FILTER TUBE AND SAFETIED.
5. TORQUED #1 AND #3 CYLINDERS TO MANUFACTURE'S SPECIFICATIONS.
6. REPLACED MIXTURE CONTROL CABLE WITH PN S1777-1.
7. REPLACED VACUUM PUMP FILTER WITH PN RA-D9-14-5.
8. REPLACED THROTTLE CABLE WITH PN MCC299505-0301.
9. TIGHTENED PRIMER LINE AT BULKHEAD FITTING.
10. PERFORMED ENGINE RUN-UP, LEAK CHECK, AND OPERATIONAL CHECK. FOUND SATISFACTORY.

*I certify that this -ENGINE- has been inspected in accordance with a 100hr. inspection per the scope and detail of FAR 43 APP D and was found to be in an airworthy condition.*

Authorized signature: 

AP446820592

# ENGINE LOG

Serial No.       

| Date | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|------|------|-----|---|-----------|----------------|
|      | Hrs  | Min |   |           |                |

**N30915  
ENGINE**



**DATE: 7/26/1999  
TACH: 172**

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. DRAINED ENGINE OIL AND REMOVED OIL FILTER. REPLACED OIL FILTER WITH PN CH48110 AND SERVICED ENGINE WITH 8 QTS 20W50.
2. TOOK OIL SAMPLE.
3. PERFORMED ENGINE RUN-UP AND LEAK CHECK. FOUND SATISFACTORY.

*I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service.*  
 Work Order Number: 98007 Signed: *Jeff Hinner*  
*9907462611P*

|                 |  |
|-----------------|--|
| 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.

| 1. UNITED STATES   |                | <b>FAA FORM 8130-3</b><br><b>AIRWORTHINESS APPROVAL TAG</b><br><small>U.S. DEPARTMENT OF TRANSPORTATION<br/>                 FEDERAL AVIATION ADMINISTRATION</small> |  |   |                      | 3. SYSTEM TRACKING REF. NO.<br><b>D38460</b> |  |
|--|----------------|--|--|---|----------------------|--|--|
| 4. ORGANIZATION<br><b>CESSNA AIRCRAFT COMPANY</b><br><b>CESSNA PARTS DISTRIBUTION DEPT. 702</b><br><b>5800 E. PAWNEE, WICHITA, KS 67218</b>  |                |  |  | 5. WORK ORDER, CONTRACT, OR INVOICE NUMBER<br><b>D9060155</b> |                      |  |  |
| 6. ITEM  | 7. DESCRIPTION | 8. PART NUMBER   | 9. ELIGIBILITY *   | 10. QTY.  | 11. SERIAL/BATCH NO. | 12. STATUS/WORK                              |  |
| 0004   | FILTER OIL     | CH48110  | VARIOUS  | 1   | N/A                  | NEW  |  |
| 13. REMARKS<br><b>AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL</b>  |                |  |  |   |                      |  |  |
| LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW   |                |  |  |   |                      |  |  |
| 14. NEW <input checked="" type="checkbox"/> NEWLY OVERHAULED <input type="checkbox"/>  |                |  | 19. Return to Service in Accordance with FAR 43.9  |   |                      |  |  |
| Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.<br>NOTE: In case of parts to be exported, the special requirements of the importing country have been met. |                |  | Certifies that the work specified in block 13 (or attached) was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service. |   |                      |  |  |
| 15. SIGNATURE<br><i>Jeff Hinner</i>  |                | 16. FAA AUTHORIZATOR NO.<br><b>PC4</b>   |  | 20. AUTHORIZED SIGNATURE                                      |                      | 21. CERTIFICATE NO.                          |  |
| 17. NAME (TYPED OR PRINTED)<br><b>JEFF HINNER, DOA</b>   |                | 18. DATE<br><b>06/10/99</b>  |  | 22. NAME (TYPED OR PRINTED)                                   |                      | 23. DATE                                     |  |

FAA Forms 8130-3

## Airworthiness Approval Tag

### User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents



# ENGINE LOG

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

N30915  
ENGINE



TTENG:302.5,ESMOH:N/A,ACTT: 3691.7

DATE: 6/1/00  
TACH: 199.7  
W/O#: 98580

nse  
iber

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. PERFORMED 100 HOUR INSPECTION AND PREVENTATIVE MAINTENANCE.
2. PERFORMED COMPRESSION CHECKS AS FOLLOWS: #1 72/80, #2 76/80, #3 72/80, #4 74/80.
3. OIL ANALYSIS SAMPLE TAKEN.
4. DRAINED ENGINE OIL AND REMOVED OIL FILTER. CUT OPEN FILTER. NO METAL NOTED. REPLACED OIL FILTER WITH CH48110 AND SERVICED ENGINE WITH 8 QTS PHILLIPS 20W50XC.
5. TIMED LT AND RT MAGNETOS TO ENGINE.
6. REPLACED AIR FILTER ELEMENT WITH BA-5705.
7. PERFORMED ENGINE RUN-UP, LEAK CHECK AND OPERATIONAL CHECK. SATISFACTORY.

*I certify that this -ENGINE- has been inspected in accordance with a 100hr. inspection per the scope and detail of FAR 43 APP D and was found to be in an airworthy condition.*

Authorized signature: *[Signature]* AP494864954TA



FAA Form 8130-3

**Airworthiness Approval Tag**  
User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.



# ENGINE LOG

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

**N30915  
ENGINE**

## Thunder AVIATION

DATE: 1/10/01  
TACH: 252.7

Engine  
Number

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. OIL ANALYSIS SAMPLE TAKEN.
2. DRAINED ENGINE OIL AND REMOVED OIL FILTER. REPLACED OIL FILTER WITH CH48110 AND SERVICE ENGINE WITH 8 QTS PHILLIPS 20W50X/C.
3. PERFORMED ENGINE RUN-UP AND LEAK CHECK. SATISFACTORY.

I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service.  
See pertinent details on file Work Order Number: R20337

Signed: *Chas Bell*

CRS TODR376L

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.

|  |                |   |  |         |   |  |  |
|--|----------------|---|--|---------|---|--|--|
| 1. UNITED STATES   |                | 2. <b>FAA FORM 8130-3</b><br>AIRWORTHINESS APPROVAL TAG<br>U.S. DEPARTMENT OF TRANSPORTATION<br>FEDERAL AVIATION ADMINISTRATION |  |         |   | 3. SYSTEM TRACKING REF. NO.<br><b>D84963</b> |  |
| 4. ORGANIZATION<br>CESSNA AIRCRAFT COMPANY<br>CESSNA PARTS DISTRIBUTION DEPT. 702<br>5800 E. PAWNEE, WICHITA, KS 67218   |                |   |  |         | 5. WORK ORDER, CONTRACT, OR INVOICE NUMBER<br><b>DOI29692</b> |  |  |
| 6. ITEM  | 7. DESCRIPTION | 8. PART NUMBER  | 9. ELIGIBILITY *   | 10. QTY | 11. SERIAL/BATCH NO.  | 12. STATUS/WORK                              |  |
| 0012   | FILTER OIL     | CH48110   | 1BV BY<br>INSTALLER<br>FAA/PMA   | 1       | N/A   | NEW  |  |
| AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL  |                |   |  |         |   |  |  |
| 14. NEW <input checked="" type="checkbox"/> NEWLY OVERHAULED <input type="checkbox"/>  |                |   | 19. Return to Service in Accordance with FAR 43.9  |         |   |  |  |
| Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.<br>NOTE: In case of parts to be exported, the special requirements of the importing country have been met. |                |   | Certifies that the work specified in block 13 (or attached) was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service. |         |   |  |  |
| 15. SIGNATURE<br><i>Marilyn Lipps</i>  |                | 18. FAA AUTHORIZATION NO.<br>PC4  | 20. AUTHORIZED SIGNATURE<br><i>30915</i>   |         | 21. CERTIFICATE NO.   |  |  |
| 17. NAME (TYPED OR PRINTED)<br>MARILYN LIPPS, DOA  |                | 16. DATE<br>12/02/00  | 22. NAME (TYPED OR PRINTED)  |         | 23. DATE  |  |  |

FAA Forms 8130-3

## Airworthiness Approval Tag

### User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

# ENGINE LOG

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

N30915  
ENGINE

## Thunder AVIATION

DATE: 5/2/01  
TACH: 273.9

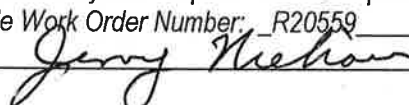
Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. OIL ANALYSIS SAMPLE TAKEN.
2. DRAINED ENGINE OIL AND REMOVED OIL FILTER. REPLACED OIL FILTER WITH CH48110 AND SERVICED ENGINE WITH 8 QTS PHILLIPS 20W50X/C.
3. TIGHTENED AND SAFETY WIRED OIL FILLER TUBE.
4. **CW AD00-18-53** OIL FILTER CONVERTER PLATE GASKET BY RESEARCHING LOGBOOKS. N/A BY ENGINE MODEL AND DATE.
5. PERFORMED ENGINE RUN-UP, LEAK CHECK AND OPERATIONAL CHECK. SATISFACTORY.

*I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service.*

See pertinent details on file Work Order Number: R20559

Signed: \_\_\_\_\_



CRS TODR3761

Total to Date

Certificate Number MUST be Shown.

# ENGINE LOG

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

N30915  
ENGINE



DATE: 6/20/01

TACH: 281.7

W/O#: R20624

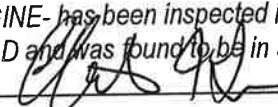
use  
ber

TTENG:384.5,ESMOH:N/A,ACTT:3773.7

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. PERFORMED 100 HOUR INSPECTION AND PREVENTATIVE MAINTENANCE.
2. PERFORMED COMPRESSION CHECKS AS FOLLOWS: #1 74/80, #2 78/80, #3 72/80, #4 70/80.
3. OIL ANALYSIS SAMPLE TAKEN.
4. DRAINED ENGINE OIL AND REMOVED OIL FILTER. CUT OPEN FILTER. NO METAL NOTED.  
REPLACED OIL FILTER WITH CH48110 AND SERVICED ENGINE WITH 8 QTS PHILLIPS  
20W50XC.
5. TIMED LH MAGNETO.
6. INSTALLED MISSING BOLT ON ENGINE BAFFLING.
7. PERFORMED ENGINE RUN-UP, LEAK CHECK AND OPERATIONAL CHECK. SATISFACTORY.

*I certify that this -ENGINE- has been inspected in accordance with a 100hr. inspection per the scope and detail of FAR 43 APP D and was found to be in an airworthy condition. See pertinent details on file.*

Authorized signature:  \_\_\_\_\_ CRS TODR376I

# ENGINE LOG

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

| Date | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|------|------|-----|---|-----------|----------------|
|      | Hrs  | Min |   |           |                |

N30915  
ENGINE



DATE: 10/19/01  
TACH: 302.5

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. OIL ANALYSIS SAMPLE TAKEN.
2. DRAINED ENGINE OIL AND REMOVED OIL FILTER. REPLACED OIL FILTER WITH CH48110 AND SERVICED ENGINE WITH 8 QTS PHILLIPS 20W50X/C.
3. REPLACED CARBURETOR HEAT CABLE WITH PN S1230-18.
4. PERFORMED ENGINE RUN-UP, LEAK CHECK AND OPERATIONAL CHECK. SATISFACTORY.

I certify that this aircraft engine is airworthy with respect to the work performed and is approved for return to service. See pertinent details on file. Work Order Number: R20872

Signed: \_\_\_\_\_

CRS TODR3761

Total to Date \_\_\_\_\_

# ENGINE LOG

Seriat No. \_\_\_\_\_

| Date | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|------|------|-----|---|-----------|----------------|
|      | Hrs  | Min |   |           |                |

N30915  
ENGINE



DATE: 3/28/02  
TACH: 328.3

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 636.532.5600

1. OIL ANALYSIS SAMPLE TAKEN.
2. DRAINED ENGINE OIL AND REMOVED OIL FILTER. REPLACED OIL FILTER WITH CH48110 AND SERVICED ENGINE WITH 8 QTS PHILLIPS 20W50X/C.
3. PERFORMED ENGINE RUN-UP, LEAK CHECK AND OPERATIONAL CHECK. SATISFACTORY.

I certify that this aircraft engine is airworthy with respect to the work performed and is approved for return to service. See pertinent details on file Work Order Number: R294

Signed: *John M. ...* CRS TODR3761

Total to Date

Certificate Number

N30915

ENGINE

ETT: 442.7,ESMOH:N/A,ACTT:3831.9

# Thunder AVIATION

DATE: 6/12/02

TACH: 339.9

W/O#: R614

cense  
umber

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 636.532.5600

1. PERFORMED 100 HOUR INSPECTION AND PREVENTATIVE MAINTENANCE.
2. PERFORMED COMPRESSION CHECKS AS FOLLOWS: #1 70/80, #2 72/80, #3 70/80, #4 76/80.
3. OIL SAMPLE TAKEN.
4. DRAINED ENGINE OIL AND REMOVED OIL FILTER. CUT OPEN FILTER. NO METAL NOTED. REPLACED OIL FILTER WITH CH48110 AND SERVICED ENGINE WITH 8 QTS PHILLIPS 20W50.
5. REPLACED MUFFLER WITH PN 1754001-25 NEW FROM AEROSPACE WELDING. SEE YELLOW TAG FOR DETAILS. REPLACED EXHAUST CLAMPS WITH PN 0750161-25 AND HARDWARE.
6. REMOVED CARB HEAT BOX. REPLACED SHAFT WITH PN 1752078-4. REINSTALLED HEAT BOX WITH NEW GASKET PN 0750142-1.
7. TIGHTENED VALVE COVER SCREWS.
8. SECURED BAFFLING SEAL.
9. PERFORMED ENGINE RUN-UP, LEAK CHECK AND OPERATIONAL CHECK. SATISFACTORY.

*I certify that this -ENGINE- has been inspected in accordance with a 100hr. inspection per the scope and detail of FAR 43 APP D and was found to be in an airworthy condition. See pertinent details on file.*

Authorized signature: *Jeremy R. McEntee* CRS T0DR3761



1. Approving National Aviation Authority/Country: 2. **AUTHORIZED RELEASE CERTIFICATE** 3. Form Tracking Number: **321983**  
 FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

4. ORGANIZATION: **FAA/UNITED STATES CESSNA AIRCRAFT COMPANY** 5. Work Order/Contract/Invoice Number: **182672**  
**CESSNA PARTS DISTRIBUTION DEPT. 702**  
**5800 E PAWNEE, WICHITA, KS 67218**

6. Item: 7. Description: 8. Part Number: 9. Eligibility: 10. Quantity: 11. Serial/Batch Number: 12. Status/Work:  
**4 SHAFT 1752078-4 177 1 N/A New**

13. Remarks: **AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.**  
**177**  
**PO# 1077**

14. Certifies the items identified above were manufactured in conformity to: 19.  14 CFR 43.9 Return to Service  Other regulation specified in block 13

Approved design data and are in a condition for safe operation.  Non-approved design data specified in Block 13. Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature: *Steve Wilkey* 16. Approval/Authorization No.: **PC4** 20. Authorized Signature: 21. Approval/Certificate No.:

17. Name (Typed or Printed): **STEVE WILKEY, DOA** 18. Date (m/d/y): **06/10/2002** 22. Name (Typed or Printed): 23. Date (m/d/y):

**User/Installer Responsibilities**  
 It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-01) Installer must cross-check eligibility with applicable technical data. NSN: 0052-00-012-9005

1. Approving National Aviation Authority/Country: 2. **AUTHORIZED RELEASE CERTIFICATE** 3. Form Tracking Number: **321983**  
 FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

4. ORGANIZATION: **FAA/UNITED STATES CESSNA AIRCRAFT COMPANY** 5. Work Order/Contract/Invoice Number: **182672**  
**CESSNA PARTS DISTRIBUTION DEPT. 702**  
**5800 E PAWNEE, WICHITA, KS 67218**

6. Item: 7. Description: 8. Part Number: 9. Eligibility: 10. Quantity: 11. Serial/Batch Number: 12. Status/Work:  
**5 GASKET 0750142-1 172 1 N/A New**

13. Remarks: **AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.**  
**172, 175, 177, 180, 182, 185, 188**  
**PO# 1077**

14. Certifies the items identified above were manufactured in conformity to: 19.  14 CFR 43.9 Return to Service  Other regulation specified in block 13

Approved design data and are in a condition for safe operation.  Non-approved design data specified in Block 13. Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature: *Steve Wilkey* 16. Approval/Authorization No.: **PC4** 20. Authorized Signature: 21. Approval/Certificate No.:

17. Name (Typed or Printed): **STEVE WILKEY, DOA** 18. Date (m/d/y): **06/10/2002** 22. Name (Typed or Printed): 23. Date (m/d/y):

**User/Installer Responsibilities**  
 It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-01) Installer must cross-check eligibility with applicable technical data. NSN: 0052-00-012-9005

1. **UNITED STATES** 2. **FAA FORM 8130-3** 3. SYSTEM TRACKING REF. NO. **D26903**  
**AIRWORTHINESS APPROVAL TAG**  
 U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL AVIATION ADMINISTRATION

4. ORGANIZATION: **CESSNA AIRCRAFT COMPANY** 5. WORK ORDER, CONTRACT, OR INVOICE NUMBER: **D8043750**  
**CESSNA PARTS DISTRIBUTION DEPT. 702**  
**5800 E. PAWNEE, WICHITA, KS 67218**

| 6. ITEM     | 7. DESCRIPTION | 8. PART NUMBER    | 9. ELIGIBILITY | 10. QTY. | 11. SERIAL/BATCH NO. | 12. STATUS/WORK |
|-------------|----------------|-------------------|----------------|----------|----------------------|-----------------|
| <b>0006</b> | <b>CLAMP</b>   | <b>0750161 25</b> | <b>VARIOUS</b> | <b>1</b> | <b>N/A</b>           | <b>NEW</b>      |

13. REMARKS: **AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL**  
**LIMITED USE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW**

14.  NEW  NEWLY OVERHAULED 19. Return to Service in Accordance with FAR 43.9  
 Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met. Certifies that the work specified in block 13 (or attached) was carried out in accordance with FAA airworthiness regulations and in respect to that work performed the part(s) is (are) approved for return to service.

15. SIGNATURE: *Fancy Dempsey* 16. FAA AUTHORIZATION NO.: **PC4** 20. AUTHORIZED SIGNATURE: 21. CERTIFICATE NO.:

17. NAME (TYPED OR PRINTED): **FANCY DEMPSEY, DOA** 18. DATE: **05/04/98** 22. NAME (TYPED OR PRINTED): 23. DATE:

FAA Form 8130-3 (11-93) (OPTIONAL) INSTALLER MUST CROSS-CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA.

FAA Forms 8130-3      **Airworthiness Approval Tag**  
User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is **essential** that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

FAA Form 8130-3 (11-93)      Instructions

|   |                |  |             |   |   |  |  |
|---|----------------|--|-------------|---|---|--|--|
| 1. UNITED STATES  |                | 2. <b>FAA FORM 8130-3</b><br><b>AIRWORTHINESS APPROVAL TAG</b><br>U.S. DEPARTMENT OF TRANSPORTATION<br>FEDERAL AVIATION ADMINISTRATION |             |   |   | 3. SYSTEM TRACKING REF. NO.<br><b>D26903</b> |  |
| 4. ORGANIZATION<br><b>CESSNA AIRCRAFT COMPANY</b><br><b>CESSNA PARTS DISTRIBUTION DEPT. 702</b><br><b>5800 E. PAWNEE, WICHITA, KS 67218</b>   |                |  |             |   | 5. WORK ORDER, CONTRACT, OR INVOICE NUMBER<br><b>D8043750</b> |  |  |
| 6. ITEM   | 7. DESCRIPTION | 8. PART NUMBER   | 9. QUANTITY | 10. ELIGIBILITY *   | 11. SERIAL/BATCH NO.  | 12. STATUS/WORK                              |  |
| 0006  | CLAMP          | 0750161  | 25          | VARIOUS   | 1 N/A   | NEW  |  |
| 13. REMARKS<br><b>AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL</b>   |                |  |             |   |   |  |  |
| 14. NEW <input checked="" type="checkbox"/> NEWLY OVERHAULED <input type="checkbox"/><br>Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.<br>NOTE: In case of parts to be exported, the special requirements of the importing country have been met. |                |  |             | 19. Return to Service In Accordance with FAR 43.9<br>Certifies that the work specified in block 13 (or attached) was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service. |   |  |  |
| 15. SIGNATURE<br><i>Fancy Dempsey</i>   |                | 16. FAA AUTHORIZATION NO.<br><b>PCA</b>  |             | 20. AUTHORIZED SIGNATURE  |   | 21. CERTIFICATE NO.                          |  |
| 17. NAME (TYPED OR PRINTED)<br><b>FANCY DEMPSEY, DOA</b>  |                | 18. DATE<br><b>05/04/98</b>  |             | 22. NAME (TYPED OR PRINTED)   |   | 23. DATE                                     |  |

FAA Form 8130-3 (11-93)      \*OPTIONAL INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA.

|   |                |  |             |   |   |  |  |
|---|----------------|--|-------------|---|---|--|--|
| 1. UNITED STATES  |                | 2. <b>FAA FORM 8130-3</b><br><b>AIRWORTHINESS APPROVAL TAG</b><br>U.S. DEPARTMENT OF TRANSPORTATION<br>FEDERAL AVIATION ADMINISTRATION |             |   |   | 3. SYSTEM TRACKING REF. NO.<br><b>D26903</b> |  |
| 4. ORGANIZATION<br><b>CESSNA AIRCRAFT COMPANY</b><br><b>CESSNA PARTS DISTRIBUTION DEPT. 702</b><br><b>5800 E. PAWNEE, WICHITA, KS 67218</b>   |                |  |             |   | 5. WORK ORDER, CONTRACT, OR INVOICE NUMBER<br><b>D8043750</b> |  |  |
| 6. ITEM   | 7. DESCRIPTION | 8. PART NUMBER   | 9. QUANTITY | 10. ELIGIBILITY *   | 11. SERIAL/BATCH NO.  | 12. STATUS/WORK                              |  |
| 0006  | CLAMP          | 0750161  | 25          | VARIOUS   | 1 N/A   | NEW  |  |
| 13. REMARKS<br><b>AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL</b>   |                |  |             |   |   |  |  |
| 14. NEW <input checked="" type="checkbox"/> NEWLY OVERHAULED <input type="checkbox"/><br>Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.<br>NOTE: In case of parts to be exported, the special requirements of the importing country have been met. |                |  |             | 19. Return to Service In Accordance with FAR 43.9<br>Certifies that the work specified in block 13 (or attached) was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service. |   |  |  |
| 15. SIGNATURE<br><i>Fancy Dempsey</i>   |                | 16. FAA AUTHORIZATION NO.<br><b>PCA</b>  |             | 20. AUTHORIZED SIGNATURE  |   | 21. CERTIFICATE NO.                          |  |
| 17. NAME (TYPED OR PRINTED)<br><b>FANCY DEMPSEY</b>   |                | 18. DATE<br><b>05/04/98</b>  |             | 22. NAME (TYPED OR PRINTED)   |   | 23. DATE                                     |  |

FAA Form 8130-3 (11-93)      \*OPTIONAL INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA.

Airworthiness Approval Tag

User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

|   |                |  |                  |   |   |  |  |
|---|----------------|--|------------------|---|---|--|--|
| 1. UNITED STATES  |                | 2. <b>FAA FORM 8130-3</b><br><b>AIRWORTHINESS APPROVAL TAG</b><br>U.S. DEPARTMENT OF TRANSPORTATION<br>FEDERAL AVIATION ADMINISTRATION |                  |   |   | 3. SYSTEM TRACKING REF. NO.<br><b>D26903</b> |  |
| 4. ORGANIZATION<br>CESSNA AIRCRAFT COMPANY<br>CESSNA PARTS DISTRIBUTION DEPT. 702<br>5800 E. PAWNEE, WICHITA, KS 67218  |                |  |                  |   | 5. WORK ORDER, CONTRACT, OR INVOICE NUMBER<br><b>D8043750</b> |  |  |
| 6. ITEM   | 7. DESCRIPTION | 8. PART NUMBER   | 9. ELIGIBILITY * | 10. QTY.  | 11. SERIAL/BATCH NO.  | 12. STATUS/WORK                              |  |
| 0006  | CLAMP          | 0750161 25   | VARIOUS          | 1   | N/A   | NEW  |  |
| 13. REMARKS<br><b>AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL</b>   |                |  |                  |   |   |  |  |
| 14. NEW <input checked="" type="checkbox"/> NEWLY OVERHAULED <input type="checkbox"/><br>Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.<br>NOTE: In case of parts to be exported, the special requirements of the importing country have been met. |                |  |                  | 15. Return to Service in Accordance with FAR 43.9<br>Certifies that the work specified in block 13 (or attached) was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service. |   |  |  |
| 15. SIGNATURE<br><i>Fancy Dempsey</i>   |                | 16. FAA AUTHORIZATION NO.<br>PC4   |                  | 20. AUTHORIZED SIGNATURE  |   | 21. CERTIFICATE NO.                          |  |
| 17. NAME (TYPED OR PRINTED)<br>FANCY DEMPSEY, DOA   |                | 18. DATE<br>05/04/98   |                  | 22. NAME (TYPED OR PRINTED)   |   | 23. DATE                                     |  |

|   |                |  |                  |   |   |  |  |
|---|----------------|--|------------------|---|---|--|--|
| 1. UNITED STATES  |                | 2. <b>FAA FORM 8130-3</b><br><b>AIRWORTHINESS APPROVAL TAG</b><br>U.S. DEPARTMENT OF TRANSPORTATION<br>FEDERAL AVIATION ADMINISTRATION |                  |   |   | 3. SYSTEM TRACKING REF. NO.<br><b>D26903</b> |  |
| 4. ORGANIZATION<br>CESSNA AIRCRAFT COMPANY<br>CESSNA PARTS DISTRIBUTION DEPT. 702<br>5800 E. PAWNEE, WICHITA, KS 67218  |                |  |                  |   | 5. WORK ORDER, CONTRACT, OR INVOICE NUMBER<br><b>D8043750</b> |  |  |
| 6. ITEM   | 7. DESCRIPTION | 8. PART NUMBER   | 9. ELIGIBILITY * | 10. QTY.  | 11. SERIAL/BATCH NO.  | 12. STATUS/WORK                              |  |
| 0006  | CLAMP          | 0750161 25   | VARIOUS          | 1   | N/A   | NEW  |  |
| 13. REMARKS<br><b>AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL</b>   |                |  |                  |   |   |  |  |
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|  |                |   |                  |   |   |  |  |
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| 1. UNITED STATES   |                | 2. <b>FAA FORM 8130-3</b><br>AIRWORTHINESS APPROVAL TAG<br>U.S. DEPARTMENT OF TRANSPORTATION<br>FEDERAL AVIATION ADMINISTRATION |                  |   |   | 3. SYSTEM TRACKING REF. NO.<br><b>D26903</b> |  |
| 4. ORGANIZATION<br>CESSNA AIRCRAFT COMPANY<br>CESSNA PARTS DISTRIBUTION DEPT. 702<br>5800 E. PAWNEE, WICHITA, KS 67218   |                |   |                  |   | 5. WORK ORDER, CONTRACT, OR INVOICE NUMBER<br><b>D8043750</b> |  |  |
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| 0006   | CLAMP          | 0750161 25  | VARIOUS          | 1   | N/A   | NEW  |  |
| 13. REMARKS<br><b>AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL</b>  |                |   |                  |   |   |  |  |
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FAA Form 8130-3 (11-93) \* (OPTIONAL) INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA.

|  |                |   |                  |   |   |  |  |
|--|----------------|---|------------------|---|---|--|--|
| 1. UNITED STATES   |                | 2. <b>FAA FORM 8130-3</b><br>AIRWORTHINESS APPROVAL TAG<br>U.S. DEPARTMENT OF TRANSPORTATION<br>FEDERAL AVIATION ADMINISTRATION |                  |   |   | 3. SYSTEM TRACKING REF. NO.<br><b>D26903</b> |  |
| 4. ORGANIZATION<br>CESSNA AIRCRAFT COMPANY<br>CESSNA PARTS DISTRIBUTION DEPT. 702<br>5800 E. PAWNEE, WICHITA, KS 67218   |                |   |                  |   | 5. WORK ORDER, CONTRACT, OR INVOICE NUMBER<br><b>D8043750</b> |  |  |
| 6. ITEM  | 7. DESCRIPTION | 8. PART NUMBER  | 9. ELIGIBILITY * | 10. QTY.  | 11. SERIAL/BATCH NO.  | 12. STATUS/WORK                              |  |
| 0006   | CLAMP          | 0750161 25  | VARIOUS          | 1   | N/A   | NEW  |  |
| 13. REMARKS<br><b>AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL</b>  |                |   |                  |   |   |  |  |
| LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW.  |                |   |                  |   |   |  |  |
| 14. NEW <input type="checkbox"/> NEWLY OVERHAULED <input type="checkbox"/><br>Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.<br>NOTE: In case of parts to be exported, the special requirements of the importing country have been met. |                |   |                  | 19. Return to Service in Accordance with FAR 43.9<br>Certifies that the work specified in block 13 (or attached) was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service. |   |  |  |
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FAA Form 8130-3 (11-93) \* (OPTIONAL) INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA.

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|---|----------------|---|------------------|---|---|--|--|
| 1. UNITED STATES  |                | 2. <b>FAA FORM 8130-3</b><br>AIRWORTHINESS APPROVAL TAG<br>U.S. DEPARTMENT OF TRANSPORTATION<br>FEDERAL AVIATION ADMINISTRATION |                  |   |   | 3. SYSTEM TRACKING REF. NO.<br><b>D26903</b> |  |
| 4. ORGANIZATION<br>CESSNA AIRCRAFT COMPANY<br>CESSNA PARTS DISTRIBUTION DEPT. 702<br>5800 E. PAWNEE, WICHITA, KS 67218  |                |   |                  |   | 5. WORK ORDER, CONTRACT, OR INVOICE NUMBER<br><b>D8043750</b> |  |  |
| 6. ITEM   | 7. DESCRIPTION | 8. PART NUMBER  | 9. ELIGIBILITY * | 10. QTY.  | 11. SERIAL/BATCH NO.  | 12. STATUS/WORK                              |  |
| 0006  | CLAMP          | 0750161 25  | VARIOUS          | 1   | N/A   | NEW  |  |
| 13. REMARKS<br><b>AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL</b>   |                |   |                  |   |   |  |  |
| LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW.   |                |   |                  |   |   |  |  |
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FAA Form 8130-3 (11-93) \* (OPTIONAL) INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA.



1. Approving National Aviation Authority/Country: **FAA/United States**

2. Form Tracking Number: **5-28-02-1**

3. Organization Name and Address: **AEROSPACE WELDING FLORIDA INC. 1054 N64THWEST 52 ST. FT. LAUDERDALE FL 33309**

4. FAA Form 3139-A, AIRWORTHINESS APPROVAL TAG

5. Work Order/Contract/Job Number: **42116**

| 6. Item | 7. Description | 8. Part Number | 9. Esgbl/Qty | 10. Quantity | 11. Serial/Part Number | 12. Status/Work |
|---------|----------------|----------------|--------------|--------------|------------------------|-----------------|
| 1       | MUFFLER        | W-175Y001-1    | CESSNA-172   | ONE          | 13541                  | NEW             |

13. Remarks: **Domestic/USA**

**Sold To Thunder Av.**

14. Certifies the items identified above were manufactured in conformity to:

Approved design data and are in a condition for safe operation.

Not approved design data specified in Block 13.

19.  14 CFR 43 Return to Service  Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 13 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, Part 43 and its support to that work. The block is signed for return to service.

| 15. Authorized Signature | 16. Approver/Authorization No. | 17. Name (Typed or Printed) | 18. Date (m/d/yy) | 19. Name (Typed or Printed) | 20. Date (m/d/yy) |
|--------------------------|--------------------------------|-----------------------------|-------------------|-----------------------------|-------------------|
| <i>Dean Wallace</i>      | 501225                         | DEAN WALLACE                | 5-28-02           | DEAN WALLACE                | 5-28-02           |

User/Installer Responsibilities

It is important to understand that the substance of this document does not automatically constitute authority to install the pertinent component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensure that proper airworthiness authority accepts pertinent components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



# ENGINE LOG

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

Date

## ENGINE

Date: 07/20/2004

TACH: 446.06

ETT: 548.86

Reg: N30915

ACTT: 3938.06

SMOH: 548.86

Model: O-360-A1F6

S/N: RL-25807-36A



776 N Bell Ave, Chesterfield, MO  
(636) 532-2435

use  
ber

Performed an annual inspection in accordance with Model 177 Series Service Manual section 2:

- 1) Drained oil. Removed and replaced oil filter with new, p/n CH48110-1. Inspected used filter and found no metal. Serviced engine with 8 qts. of Phillips X/C 20W-50.
- 2) Performed compression test: 1) 71/80, 2) 74/80, 3) 73/80, 4) 67/80.
- 3) Removed and replaced induction air filter with new, p/n BA-5705.
- 4) Removed and replaced #1 cylinder intake gasket with new, p/n 71973.
- 5) Removed, gapped, and cleaned spark plugs. Reinstalled plugs using new gaskets, p/n M-674.
- 6) Performed ground run for operational and leak check of engine. No defects noted.

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

*Jeff Ryder*  
JEFF RYDER  
A&P 2740170 IA

Brought Forward

Total to Date

Certificated mechanic, and his rating and  
Certificate Number MUST be Shown.

# ENGINE LOG

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

Date \_\_\_\_\_

### ENGINE

Date: 03/31/2005

TACH: 463.42

ETT: 566.22

Reg: N30915

ACTT: 3955.42

SMOH: 566.22

Model: O-360-A1F6

S/N: RL-25807-36A



776 N Bell Ave, Chesterfield, MO  
(636) 532-2435

- 1) Drained oil. Removed and replaced oil filter with new, p/n CH48110-1. Inspected used filter and found no metal. Serviced engine with 8 qts. of Phillips X/C 20W-50.
- 2) Performed ground run for operational and leak check of engine. No defects noted.

*Jason Green*

JASON GREEN  
A&P 2716350

|  |  |  |                 |  |  |
|--|--|--|-----------------|--|--|
|  |  |  |                 |  |  |
|  |  |  | 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. \_\_\_\_\_

## ENGINE

Date: 08/26/2005  
Reg: N30915  
Model: O-360-A1F6

TACH: 473.35  
ACTT: 3965.15  
S/N: RL-25807-36A

ETT: 576.15  
SMOH: 576.15

**SKYLINE**  
AERONAUTICS  
776 N Bell Ave, Chesterfield, MO  
(636) 532-2435

License  
Number

Performed an annual inspection in accordance with Model 177 Series Service Manual section 2:

- 1) Drained oil. Removed and replaced oil filter with new, p/n CH48110-1. Inspected used filter and found no metal. Serviced engine with 8 qts. of Phillips X/C 20W-50.
- 2) Performed compression test: 1) 77/80, 2) 76/80, 3) 77/80, 4) 75/80.
- 3) Removed and replaced 4 ea valve cover gaskets with new, p/n 75906.
- 4) Removed left magneto and adapter, removed and replaced mounting gaskets with 1 ea new p/n SL62224 and 1 ea p/n SL12681 gaskets. Reinstalled magneto and timed to 25 deg.
- 5) Removed and replaced induction air filter with new, p/n BA-5705.
- 6) Removed and replaced #1 cylinder oil return tube with new, p/n 68759.
- 7) Removed, gapped, and cleaned spark plugs. Reinstalled plugs using new gaskets, p/n M-674.
- 8) Performed ground run for operational and leak check of engine. No defects noted.

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

*Rodney D. Getter*  
RODNEY D. GETTER  
A&P 392782196 IA

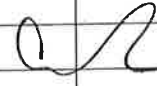
# ENGINE LOG

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

| Date   | Time   |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS  | Signature  | License Number |
|--------|--------|-----|--|--|----------------|
|        | Hrs    | Min |  |  |                |
| 9-9-06 |        |     | COMPLETED ANNUAL INSPECTION & PREV. MAINT. |  |                |
| TACH   | 486.5  |     |  |  |                |
| ACTT   | 3978.3 |     | CHANGED OIL & FILTER SERVICED WITH         |  |                |
| ETT    | 589.3  |     | PHILLIPS 20-50 XC. CHECKED FILTER CONTENTS |  |                |
| TSMOH  | 589.3  |     | FOR METAL.                                 |  |                |
|        |        |     | CLEANED & GAPPED SPARK PLUGS               |  |                |
|        |        |     | RETORQUED VALVE COVER SCREWS.              |  |                |
|        |        |     |  | OVER   |                |
|        |        |     | 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. \_\_\_\_\_

| Date                           | Time |     | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS  | Signature  | License Number  |
|--------------------------------|------|-----|--|--|-----------------|
|                                | Hrs  | Min |  |  |                 |
| 9-9-06<br><small>CONT.</small> |      |     | I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW. AN ANNUAL INSPECTION + IS IN AIRWORTHY CONDITION. |  | A&P 352502262IA |


TACH:498.0

ENGINE LOG  
DATE:3-14-07

N# 30915

 A&P 352502262IA

CHANGED OIL & FILTER SERVICED WITH PHILLIPS 20/50  
RUN UP & LEAK CHECK SATISFACTORY  
ADJUSTED OIL PRESSURE RELIEF VALVE OUT 1/2 TURN.

  
Craig M. Cunningham A&P 352502262IA

Air Data Must Bear the Endorsement of a  
Rated Mechanic, and his Rating and  
Date Number MUST be Shown.







Service Bulletin Letters

Laytonsville Aircraft Services, LLC  
Davis Airport  
7200 Hawkins Creamery Road  
Laytonsville, MD 20872  
301-253-2897

ENGINE MAKE: Lycoming MODEL: O-360-A1F6 SERIAL NUMBER: RL-25807-36A  
AIRCRAFT NUMBER: N30915 DATE: 6/1/11 TACH: 548.99 TOTAL TIME: 548.99 SMOH: n/a

1. Engine cowl removed, engine serviced and inspected IAW a compliant checklist.
2. Initial Compression: #1--72/80, #2--70/80, #3-- 74/80, #4--70/80.
3. All spark plugs removed, inspected, cleaned, gapped, tested and reinstalled.
4. Oil drained and refilled with 8 quarts of Phillips X/C 20W50 oil.
5. Oil filter removed, drained, opened and inspected with no unacceptable contents found.
6. New CH48110-1 oil filter installed using Novaguard 624 antisieze lubricant.
7. AD listing reviewed using AD Toolbox software.
8. Continued CW AD 2004-10-14 noted by no known strike as defined in Para (i), (j), since last engine teardown. ACTION DUE ONLY AT ENGINE TEARDOWN OR IN THE EVENT OF A DEFINED STRIKE.
9. No additional disclosed AD's are due at this time on this engine.
10. AD Compliance Record updated.

(Continued on next page.)



(Continued from previous page.)

- 11. Broken shield wire for left P-lead repaired by installing butt connector.
- 12. Ground run-up and taxi check performed and found to be satisfactory.
- 13. Leak check performed after run-up with none observed.
- 14. Engine recowled and spinner reinstalled.

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

*John M. Peters*  
John M. Peters, 1546718 A&P, IA

**LAST ENTRY THIS BOOK**

