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

Engine Model: IO-540-C4D5D
Serial #: RL-15299-48E
Total Time: 2161.4
Work Order #: AR411214
Date Completed: 5/1/09

Authorized Signature

Lycoming Engines
652 Oliver Street
Williamsport, PA. 17701
Repair Station: EJ1R115K
<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>FO-540-C4DS5G</td>
</tr>
<tr>
<td>Serial No.</td>
<td>RL-15299-43E</td>
</tr>
<tr>
<td>Max. H.P.</td>
<td>250</td>
</tr>
<tr>
<td>Max. R.P.M.</td>
<td></td>
</tr>
<tr>
<td>Stroke</td>
<td></td>
</tr>
<tr>
<td>Supercharger Ratio</td>
<td></td>
</tr>
<tr>
<td>Hub Design</td>
<td></td>
</tr>
<tr>
<td>Hub Serial No.</td>
<td></td>
</tr>
<tr>
<td>Blade Serial No.</td>
<td></td>
</tr>
<tr>
<td>Max. Blade H.P.</td>
<td></td>
</tr>
<tr>
<td>Diameter</td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td></td>
</tr>
</tbody>
</table>
## AUTHORIZED RELEASE CERTIFICATE

**FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG**

**RL-15299-48E**

### 4. ORGANIZATION NAME AND ADDRESS
- Lycoming Engines, 652 Oliver St., Williamsport, PA 17701

--- | --- | --- | --- | --- | --- | ---
1.1 | Aircraft Engine | HENPL-RT8542 | VARIOUS AIRFRAME | 1 | RL-15299-48E | OVERHAULED

### 13. REMARKS
**No Life Limited Parts**

- Certifies that the work specified in block 12/13 was carried out in accordance with EASA 146 and with respect to that work the aircraft engine is considered ready for release to service under EASA Acceptance Certificate Number: EASA.145.5704.
- This engine was overhauled in accordance with Lycoming Overhaul manual 60294-7 revision 60294-7.10 and all applicable Lycoming and FAA service documents.
- Full details of work carried out per work order on file at Lycoming Engines.

* Eligibility Block 9 indicates only one of many approved models. Numerous other models may be eligible for the part.

Limited life parts must be accompanied by maintenance history including time/total cycles/time since new.

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

- Approved design data and are in condition for safe operation.
- Non-approved design data specified in Block 13.

### 19.

- **X** 14CFR 43.9 Return to Service
- **X** Other regulation 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. In respect to that work, the items are approved for return to service.

### 15. Authorized Signature:

### 16. Approval/Authorization No.:

### 20. Authorized Signature:

### 21. Approval/Cert No:
- EJ1R115K

### 17. Name (Typed or Printed):
- D. MITCHEL TREE

### 18. Date (m-d-y):
- DEC-23-09

### 22. Name (Typed or Printed):

### 23. Date (m-d-y):
- DEC-23-09

### 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 national regulations by the user/installer before the aircraft may be flown.

* (Optional) Installer must cross check eligibility with applicable technical data.
SERVICEABLE PART

Manufacturer
LYCOMING ENGINES
Part Name
AIRCRAFT ENGINE
Model No.
IO-540-C4D5D
Serial No.
RL - 15299-48E
Remarks

The aircraft engine or accessory identified above was:
Overhauled

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: AR411214

Date 12/10/07
Signed Charles Henn

Signature of Authorized Person

FOR:
LYCOMING
A Boston Company
652 Oliver Street
Williamsport, PA 17701 USA
FAA Repair Station #EJ1R115K

Form 302A (3/04-LM)
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Repairs</th>
<th>Adjustments</th>
<th>Service</th>
<th>Remarks</th>
<th>Signature</th>
<th>License Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-25-10</td>
<td>12:34:3</td>
<td>1.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HOBBS</td>
<td></td>
<td>Installed this engine in aircraft N18878</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TSMOH</td>
<td></td>
<td>Installed new shock mounts, bolts and nuts</td>
<td></td>
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<tr>
<td></td>
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<td>3.</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Installed new fuel and oil hoses Fire Wall Forward</td>
<td></td>
<td></td>
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<tr>
<td></td>
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<td>4.</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Installed new clamps on exhaust pipes</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Installed new scat hose for cabin heating</td>
<td></td>
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<td>6.</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Repaired baffling and muffler shroud</td>
<td></td>
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<td></td>
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<td>7.</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Secured all engine wiring and hoses with new clamps</td>
<td></td>
<td></td>
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<td></td>
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<td>8.</td>
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<tr>
<td></td>
<td></td>
<td>Installed new manifold air pressure filter</td>
<td></td>
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<td></td>
<td></td>
<td>9.</td>
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<tr>
<td></td>
<td></td>
<td>Installed new air box seal</td>
<td></td>
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<td></td>
<td></td>
<td>10.</td>
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<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Installed new induction air filter</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(cont.)</td>
</tr>
</tbody>
</table>

Page Total
Brought Forward
Total to Date

All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>REPAIRS - ADJUSTMENTS - SERVICE - REMARKS</th>
<th>Signature</th>
<th>License Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>(CONT.)</td>
<td>11</td>
<td>Inspected Engine Mount and Firewall</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>Flushed Out Existing Oil Cooler</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>13</td>
<td>Installed New Prop Governor Gasket and Control Cable Rod End</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>Flushed Preservative Oil from Fuel Injection Lines 9WAD-08-14-07</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>Pre-oiled Engine Pressure System Aeromilsen with Shell 30WT Mineral Oil</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>Ground Run Engine, Adjusted Idle RPM and Mixture</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SIGNED

Paul M. Kaune

Work Order # 7577

BLUE SKIES OVER DUBUQUE, INC.

FAA REPAIR STATION #YQYR348B
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>REPAIRS - ADJUSTMENTS - SERVICE - REMARKS</th>
<th>Signature</th>
<th>License Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-26-10</td>
<td>1236.4</td>
<td>changed oil &amp; filter 12 QTS shell 30 wt. mineral oil Inspected filter for metal ( \checkmark ) good Run up engine ( \checkmark ) good</td>
<td>Paul M. Kamie</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>SIGNED</td>
<td>Work Order # 76753</td>
<td>FAA REPAIR STATION #YQYR343B</td>
</tr>
<tr>
<td>4-14-10</td>
<td>1261.2</td>
<td>Changed oil and filter, checked filter for contamination, serviced engine with 12 QTS AeroShell straight mineral oil 100w. leak charged, AP3734600</td>
<td>Ted</td>
<td></td>
</tr>
</tbody>
</table>

Page Total
Brought Forward
Total to Date

All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.
<table>
<thead>
<tr>
<th>Date</th>
<th>Time Hrs</th>
<th>Repairs</th>
<th>Adjustments</th>
<th>Service</th>
<th>Remarks</th>
<th>Signature</th>
<th>License Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-30-10</td>
<td>11:38:34</td>
<td>Inspected engine per FAR Part 43 Appendix D</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7SMOH-53.6</td>
<td></td>
<td>2:21:50</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Inspected engine in accordance with a 100-hour worthiness condition. See AD list in folder.
- Inspected oil filter and screen for metal and good.
- Secured exhaust clamp bolts.
- Replaced induction air filter.
- Replaced O-rings on fuel servo inlet screen.
- Installed fuel injection lines 8/3/86

Engine Compression:

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>72</td>
<td>78</td>
<td>78</td>
<td>78</td>
<td>77</td>
<td>78</td>
</tr>
</tbody>
</table>

80 80 80 80 80 80

All repair data must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.

Page Total: Brought Forward: Total to Date: 
1. Secured Fuel Pump Inlet Fitting

<table>
<thead>
<tr>
<th>Date</th>
<th>Work Order</th>
<th>Description</th>
<th>Signed</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-25-10</td>
<td>75968</td>
<td>Changed oil and filter, checked filter</td>
<td>James E.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>for contamination, serviced engine with 9 qts Aervaseal, 100W. Run engine. Check good.</td>
<td></td>
</tr>
</tbody>
</table>

Page Total

Brought Forward

Total to Date

All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be shown.
Date: 9-16-2010
Tach/Hobs: 1387.3
Total Time: 2314.4
TSMOH: 153.0

Cylinder Compressions

<table>
<thead>
<tr>
<th>#1</th>
<th>#2</th>
<th>#3</th>
<th>#4</th>
<th>#5</th>
<th>#6</th>
</tr>
</thead>
<tbody>
<tr>
<td>77/80</td>
<td>75/80</td>
<td>78/80</td>
<td>77/80</td>
<td>76/80</td>
<td>78/80</td>
</tr>
</tbody>
</table>

1. Inspected engine per FAR Part 43 appendix D checklist.
3. Replaced induction air filter element.
4. Replaced o-rings on fuel servo inlet screen.
5. Installed 1ea. new spark plug.

I certify this engine has been inspected in accordance with an 100 Hour Inspection and was determined to be in airworthy condition. See AD List in _folder_ for compliance.

Work Order # 76154

Name: Paul Kaune
Signed: _Paul M. Kaune_
Certified Repair Station # YQYR343B
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>REPAIRS - ADJUSTMENTS - SERVICE - REMARKS</th>
<th>Signature</th>
<th>License Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>11-19-2010</td>
<td>1435/1</td>
<td>Changed oil and filter, checked filter for contamination, serviced engine with 12 qts Aeroshell 65W. Ran engine - leak checked good</td>
<td>James S. Jackson</td>
<td>60/3015266</td>
</tr>
</tbody>
</table>
Cylinder Compressions

<table>
<thead>
<tr>
<th>#1</th>
<th>#2</th>
<th>#3</th>
<th>#4</th>
<th>#5</th>
<th>#6</th>
</tr>
</thead>
<tbody>
<tr>
<td>78/80</td>
<td>79/80</td>
<td>78/80</td>
<td>74/80</td>
<td>76/80</td>
<td>78/80</td>
</tr>
</tbody>
</table>

1. Inspected engine per FAR Part 43 appendix D checklist.
2. Changed oil and filter. Inspected filter and screen for metal. Serviced with Shell 30wt. oil.
3. Replaced induction air filter.
4. Installed 1ea. new spark plug.
5. Replaced #3-4-5 intake tube gaskets.
6. Secured valve cover gasket screws.
7. Replaced o-rings on fuel servo inlet screen.
8. C/W Lycoming S1# 1508C, verified dual magneto has proper gasket, clamps and nut torque.

I certify this engine has been inspected in accordance with a Annual Inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order #76512
Name: Paul M. Kaune
Signed: [Signature]
Certified Repair Station # YQYR343B
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>REPAIRS - ADJUSTMENTS - SERVICE - REMARKS</th>
<th>Signature</th>
<th>License Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-3-11</td>
<td>1536</td>
<td>Changed oil and filter, checked filter for contamination. Serviced engine with Dats Astroshell 100s. Run engine - leak check good.</td>
<td>Tiffany</td>
<td>AP 332 7440</td>
</tr>
</tbody>
</table>

Page Total
Brought Forward
Total to Date

All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.
Date: 7/12/2011
Tach/Hobbs: 1586.1
Total Time: 2513.2
TSMOH: 351.8

Cylinder Compressions

<table>
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<tr>
<th>#1</th>
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<th>#3</th>
<th>#4</th>
<th>#5</th>
<th>#6</th>
</tr>
</thead>
<tbody>
<tr>
<td>79/80</td>
<td>78/80</td>
<td>78/80</td>
<td>78/80</td>
<td>78/80</td>
<td>79/80</td>
</tr>
</tbody>
</table>

1. Inspected engine per FAR Part 43 appendix D checklist.
2. Changed oil & filter, inspected screen & filter for metal, serviced with Shell 50wt. oil.
3. Replaced #1 intake tube gasket.
4. Repaired left magneto P-lead wire end.
5. Replaced induction air filter.
6. Made seasonal adjustment to idle mixture setting.
7. Replaced o-rings on fuel servo inlet screen.

I certify this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order #76778
Name: Paul M. Kauwe
Signed: [Signature]
Certified Repair Station # YQYR343B
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>REPAIRS - ADJUSTMENTS - SERVICE - REMARKS</th>
<th>Signature</th>
<th>License Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-22-11</td>
<td>1651</td>
<td>Replaced one exhaust clamp.</td>
<td>AP3527990</td>
<td></td>
</tr>
</tbody>
</table>
Cylinder Compressions

<table>
<thead>
<tr>
<th></th>
<th>#1</th>
<th>#2</th>
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<th>#4</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>79/80</td>
<td>77/80</td>
<td>78/80</td>
<td>78/80</td>
<td>80/80</td>
<td>79/80</td>
</tr>
</tbody>
</table>

1. Inspected engine per FAR Part 43 appendix D checklist.
2. Changed oil & filter, inspected filter & screen for metal, serviced with Shell 30wt. oil.
3. Replaced induction air filter element.
4. Replaced all 6 valve cover gaskets.
5. Secured oil return line hose clamps.
6. Replaced #5 intake tube gasket.
7. Secured exhaust clamps.
8. Replaced o-rings on fuel servo inlet screen.
9. Washed engine with solvent.

I certify this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order #77095
Name: Paul M. Kaune

Signed: [Signature]
Certified Repair Station # YQYR343B
1. Removed dual magneto, CW AD2005-12-06 inspected impulse coupling for wear & security, cleaned contact breaker points, adjusted internal timing, reinstalled magneto with new gasket per Lycoming S.I. 1508C.
2. Changed oil & filter, inspected filter for metal, serviced engine with Shell 30wt. oil.

Work Order #77198
Name: Paul M. Kaune

Signed: Paul M. Kaune

Certified Repair Station # YQYR343B

Page Total
Brought Forward
Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
Date: 3/15/2012  
Tach/Hobbs: 1785.6  
Total Time: 2712.7  
TSMOH: 551.3

Blue Skies over Dubuque Inc.  
Airplane Maintenance  
10800 Airport Road  
Dubuque, Iowa 52003  
Repair Station #YQYR343B  
563-582-1293

Cylinder Compressions

<table>
<thead>
<tr>
<th>#1</th>
<th>#2</th>
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<th>#4</th>
<th>#5</th>
<th>#6</th>
</tr>
</thead>
<tbody>
<tr>
<td>78/80</td>
<td>74/80</td>
<td>76/80</td>
<td>75/80</td>
<td>78/80</td>
<td>76/80</td>
</tr>
</tbody>
</table>

1. Inspected engine per FAR Part 43 appendix D checklist.  
2. Changed oil & filter, inspected filter & screen for metal, serviced engine with Shell 30wt. oil.  
3. Replaced 1ea. spark plug due to high resistance.  
4. Replaced #1 and 3 intake gaskets.  
5. Replaced all exhaust gaskets.  
6. Replaced oil screen tanis plug.  
7. Painted prop face.  
8. Replaced fuel servo inlet screen o-rings.  
9. C/W AD 2011-26-04 (Fuel injection lines and clamps) Inspected per SB 342.

I certify this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order #77378

Signed:  

Certified Repair Station # YQYR343B
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>REPAIRS - ADJUSTMENTS - SERVICE - REMARKS</th>
<th>Signature</th>
<th>License. Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-1-12</td>
<td>12:33:44</td>
<td>Changed oil and filter, checked filter for contamination. Serviced engine with 12 lost Aeroshell 10w engine oil. Recheck spark. Cleaned gap and tested all spark plugs.</td>
<td>TIFFANY BURE AP352794</td>
<td></td>
</tr>
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</table>
Date: 6/19/2012
Tach/Hobbs: 1884.9
Total Time: 2812.0
TSMOH: 650.6

<table>
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<tr>
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<th>#4</th>
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<td>78</td>
<td>78</td>
<td>77</td>
<td>75</td>
<td>77</td>
</tr>
</tbody>
</table>

1. Inspected engine per FAR Part 43 Appendix D checklist.
2. Changed oil and filter, inspected filter and screen for metal, serviced engine with Shell 50wt oil.
3. Replaced 11ea spark plugs.
4. Retimed magneto to engine, secured per S.I. 1508.
5. Replaced #3 and 4 intake gaskets.
6. Replaced fuel servo inlet screen o-rings.
7. C/W AD 2011-26-04 Inspect fuel injection lines and clamps per SB 342.

I certify this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order #77580
Name: Paul M. Kaune

Signed: [Signature]
Certified Repair Station # YQYR343B
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>REPAIRS - ADJUSTMENTS - SERVICE - REMARKS</th>
<th>Signature</th>
<th>License Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-14-12</td>
<td>1934.6</td>
<td>Changed oil and filter. Checked filter for contamination. Serviced engine with 12 QTS Aeroshell W100. Ran engine leak check. Good.</td>
<td>James Jenkins AR 3015266</td>
<td></td>
</tr>
</tbody>
</table>
Date: 11/17/2012
Tach/Hobbs: 1984.1
Total Time: 2911.2
TSMOH: 749.8

Cylinder Compressions

<table>
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<tr>
<th></th>
<th>#1</th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>78/80</td>
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<td>78/80</td>
<td>78/80</td>
<td>76/80</td>
<td>76/80</td>
</tr>
</tbody>
</table>

1. Inspected engine per FAR Part 43 appendix D checklist.
2. Changed oil & filter, inspected filter & screen for metal, serviced engine with Shell 30wt. oil.

I certify this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order #77865
Name: Paul M. Kaune

Signed: [Signature]
Certified Repair Station # YQYR343B
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Repairs - Adjustments - Service - Remarks</th>
<th>Signature</th>
<th>License Number</th>
</tr>
</thead>
</table>

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
Date: 4/5/2013
Tach/Hobbs: 2083.6
Total Time: 3010.7
TSMOH: 849.3

Cylinder Compressions

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<tbody>
<tr>
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<td>79/80</td>
<td>78/80</td>
<td>75/80</td>
<td>77/80</td>
</tr>
</tbody>
</table>

1. Inspected engine per FAR Part 43 appendix D checklist.
2. Changed oil & filter, inspected filter & screen for metal, serviced engine with Shell 50wt. oil.

I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order #78119
Name: Paul M. Kaune

Signed: [Signature]
Certified Repair Station # YQYR343B

Total to Date

Certificate Number MUST be shown.
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Hrs</th>
<th>Min</th>
<th>REPAIRS - ADJUSTMENTS - SERVICE - REMARKS</th>
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<tbody>
<tr>
<td>5-20-2013</td>
<td>2135</td>
<td></td>
<td></td>
<td>Changed oil and filter. Checked filter for contamination.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Serviced engine with 12 QTs AeroShell 200. Run engine.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Leak check good.</td>
<td>James Juck</td>
<td>AP3015246</td>
</tr>
</tbody>
</table>

Page Total
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Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
Date: 8/16/2013  
Tach/Hobbs: 2182.7  
Total Time: 3109.8  
TSMOH: 948.4

Cylinder Compressions

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<tbody>
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<td>77/80</td>
<td>74/80</td>
<td>76/80</td>
<td></td>
</tr>
</tbody>
</table>

1. Inspected engine per FAR Part 43 appendix D checklist.
2. Changed oil & filter, inspected filter & screen for metal, serviced engine with Shell 50wt. oil.
3. Removed magneto, cleaned & adjusted breaker points, C/W AD 2005-12-06 inspected impulse coupling, reinstalled magneto with new gasket per S.I. #1508B.
5. Replaced 3 spark plugs due to high resistance.
6. Replaced induction air filter element.
7. Replaced O-rings on fuel servo inlet screen.

I certify this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order #78364  
Name: Paul M. Kaune  
Signed: [Signature]

Certified Repair Station # YQYR343B
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
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<th>Min</th>
<th>REPAIRS - ADJUSTMENTS - SERVICE - REMARKS</th>
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<tr>
<td>11-5-13</td>
<td>2231.2</td>
<td></td>
<td></td>
<td>Changed oil and filter. Checked filter for contamination. Serviced engine with Dats Aeroshell 60. Run engine back check good.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
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<tbody>
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<td>78/80</td>
<td>74/80</td>
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<td>74/80</td>
</tr>
</tbody>
</table>

1. Inspected engine per FAR Part 43 appendix D checklist.
2. Changed oil & filter, inspected filter & screen for metal, serviced engine with Shell 30wt. oil.

I certify this engine has been inspected in accordance with a Annual Inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order #78692
Name: Paul M. Kaune

Signed: [Signature]

Certified Repair Station # YQYR343B
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>REPAIRS - ADJUSTMENTS - SERVICE - REMARKS</th>
<th>Signature</th>
<th>License Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-8-14</td>
<td>23:21.3</td>
<td>Changed oil and filter, checked filter for contamination. Serviced engine with 10W30 Aero Shell 65W. Ran engine - leak check good.</td>
<td>Jim Beam</td>
<td>AB3727940</td>
</tr>
</tbody>
</table>

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Total to Date

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

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<td>80/80</td>
<td>76/80</td>
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<td>76/80</td>
</tr>
</tbody>
</table>

1. Inspected engine per FAR Part 43 appendix D checklist.
2. Changed oil & filter, inspected filter & screen for metal, serviced engine with Shell 50wt. oil.
3. Replaced 1 spark plug. 4. Installed new induction air filter element. 5. Secured loose valve cover screws.

I certify this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order #78915
Name: Paul M. Kaune

Signed: [Signature]

Certified Repair Station # YQYR343B
<table>
<thead>
<tr>
<th>Date</th>
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</tr>
</thead>
</table>

**Signature**: Tiffany Brown  AF3527990
Date: 12/5/2014  
Tach/Hobbs: 2481.7  
Total Time: 3408.8  
TSMOH: 1247.4

Blue Skies over Dubuque Inc.  
Airplane Maintenance  
10800 Airport Road  
Dubuque, Iowa 52003  
Repair Station #YQYR343B  
563-882-1293

<table>
<thead>
<tr>
<th>Cylinder Compressions</th>
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<td>68/80</td>
<td>78/80</td>
<td>75/80</td>
<td>76/80</td>
<td>76/80</td>
</tr>
</tbody>
</table>

1. Inspected engine per FAR Part 43 appendix D checklist.
2. Changed oil & filter, inspected filter & screen for metal, serviced engine with Shell 30wt. oil.
3. Replaced 3 spark plugs. 4. Replaced all 6 valve cover gaskets. 5. Replaced O-rings on fuel servo inlet screen.

I certify this engine has been inspected in accordance with a Annual Inspection and was determined to be in airworthy condition. See AD List in folder for compliance.
Work Order #79220
Name: Paul M. Kaune

Signed: [Signature]
Certified Repair Station # YQYR343B
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>REPAIRS - ADJUSTMENTS - SERVICE - REMARKS</th>
<th>Signature</th>
<th>License Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-14-15</td>
<td>2:53</td>
<td>Changed oil and filter. Checked filter for contamination. Serviced engine with 12 qts Aeroshell 65w. Ran engine. Leak check good.</td>
<td>[Signature]</td>
<td>[License Number]</td>
</tr>
</tbody>
</table>

Page Total

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