



*The Standard*

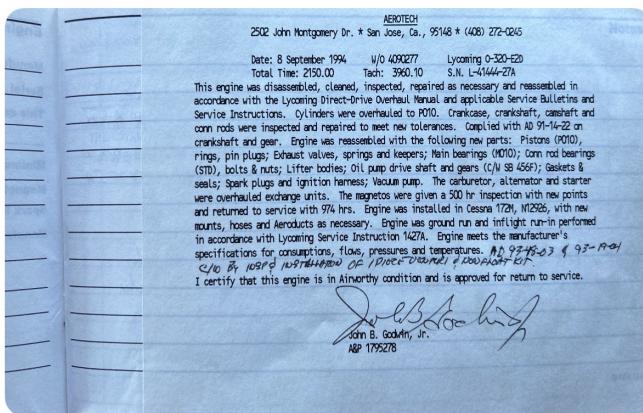
# ENGINE LOG

ASA-SE-1

# Engine Record General Information

Manufacturer LYCOMING Model O-320-E2D  
Serial L-41444-27A Type Certificate   
This engine is currently installed in aircraft CESSNA 172 M N12926

Minimum Octane Fuel 80 Oil Grade: Summer 100 Winter 80  
Magneto Time 25° Point Setting  Firing Order 1-3-2-4  
Spark Plug Gap 0.016 - 0.019  
Manufacturer recommended overhaul at 2000 hours



| DATE     | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)   |
|----------|---------------------------|-------------------|-----------------------------|--|
| 19 94    |                           |                   |                             |  |
| 9-23     | 3960.1                    |                   | 2150.0                      | I CERTIFY AS OF THIS DATE THAT THIS <u>226100</u><br>HAS BEEN INSPECTED IN ACCORDANCE WITH <u>AN Aerow</u><br>INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY<br>CONDITION. TOTAL TIME 2150.0 TACH TIME 3960.1<br><i>John B. Fuchs Jr.</i> ADP1785278 10. |
| 10/11/94 | 3979.5                    |                   |                             | 0.1 8qt shell 15W50 CH48110 Filter Aerotech  |
| 2/9/95   | 4016.2                    |                   |                             | 1qt shell 15W 50 Filter CH48110 Julie  |

| DATE<br>19<br>7/19/ | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)   |
|---------------------|---------------------------|-------------------|-----------------------------|--|
| 7-1954071.4         |                           | 2241.3            |                             | <p>I certify that this <u>Engine</u><br/>   has been inspected in accordance<br/>   with an <u>Annual</u><br/>   inspection and was determined<br/>   to be in airworthy condition.</p> <p>comps ck 1(78) 2(78) 3(78) 4(78)<br/>   Spark plugs cleaned &amp; gapped<br/>   Timing checked<br/>   Fuel screen cleaned</p> <p>Vern R Miller IA 1938774</p> |



DATE  
19—

RECORDING  
TACH  
TIME

TODAY'S  
FLIGHT

TOTAL  
TIME IN  
SERVICE

**Description of Inspections, Tests, Repairs and Alterations**

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

7-20-96 423419

2424.8

SMOH 274.8

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

comps ck 1(74) 2(74) 3(74) 4(77)  
Replaced #4 cyl (cracked) with exchange  
overhauled cyl. Cyl installed with  
new reigr, gaskets & seals  
Replaced all exhaust gaskets  
Oil & oil filters changed  
Fuel screen cleaned  
Timing checked

| DATE                   | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations  |
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| 19                     |                           |                   |                             | Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)  |
| 7-20-96<br>(continued) |                           |                   |                             | spark plugs cleaned & gapped<br>air filter element replaced<br>AD96-9-10 was completed with an<br>overhaul, by installation of<br>steel impellers |
|                        |                           |                   |                             | John R Smoller IA 1938774   |
|                        | 4291.6                    |                   |                             | CHANGED OIL FILTER Aerostar 15W50, ADDED 2<br>WTFORS TO OIL PRESSURE RELIEF VALVE, WASHED ENGINE<br>Run-up for intake check.                      |
|                        |                           |                   |                             | Joe Bloeber N90795278   |

| DATE<br>19 97 | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---------------|---------------------------|-------------------|-----------------------------|--|
| 5/23          | 9390.5                    |                   |                             | 7qt 15-50 Aeroshell oil filter Julie   |
| 8-1-97 4374.0 | 2563.9                    |                   |                             | I certify that this <u>Engine</u> has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in airworthy condition.   |
| SMOH          | 413.9                     |                   |                             | comp ck 1(73) 2(79) 3(78) 4(78)<br>spark plugs cleaned & gapped<br>Timing checked<br>Fuel screen cleaned<br>muffler repaired<br>Replaced exhaust gaskets at cyl 1 & 3<br>Terry R Muller IA 1938774             |



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|-------------|---------------------------|-------------------|-----------------------------|---|
| 9-4-98      | 4511.6                    | 2701.5            |                             | I certify that this <u>Engine</u><br>has been inspected in accordance<br>with an <u>Annual</u><br>inspection and was determined<br>to be in airworthy condition.  |
| SMOH        | 551.5                     |                   |                             | <p>comps ck 1(73) 2(73) 3(70) 4(74)</p> <p>Replaced both magnetos with new<br/>Slick 43704 &amp; 371 magnetos</p> <p>Replaced air filter element</p> <p>Fuel screen cleaned</p> <p>Spark plugs cleaned &amp; gapped</p> <p>Vern R Miller II 1938774</p> |

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|----------------|---------------------------|-------------------|--|---|
| 19             |                           |                   |  |   |
| 8/10/99        | 4586.2 TACH               |                   |  | Complied with AD98-02-08 Amt 39-10281<br>by Inspection of crankshaft bore for corrosion.<br>None noted. AD next due 8/2004.   |
| 10-7-99 4598.1 | 2788.0                    | 637.6 SMOH        | 41 <sup>1</sup> / <sub>2</sub> 2 <sup>7</sup> / <sub>8</sub> 3 <sup>7</sup> / <sub>8</sub> 4 <sup>7</sup> / <sub>8</sub> | Compression 4 <sup>1</sup> / <sub>2</sub> 2 <sup>7</sup> / <sub>8</sub> 3 <sup>7</sup> / <sub>8</sub> 4 <sup>7</sup> / <sub>8</sub><br>Changed oil Shell 15/50 Replaced oil<br>filter, checked old filter for Metal-0<br>Cleared gaged & rotated spark plugs<br>Checked fuel & exhaust system<br>I certify that this engine has |

| DATE<br>19— | RECORDING<br>TACH<br>TIME            | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|-------------|--------------------------------------|-------------------|-----------------------------|--|
|             |                                      |                   |                             | been inspected in accordance with an annual inspection & was determined to be airworthy  |
| 3/30/00     | See aircraft log for oil, filter chg |                   | 4628.4                      | Paul R. Kaval 1471081 1A   |
| 4-20-2000   | TACH. 4635                           | T5MOT             | 674.9                       | INSTALLED LAMINAR FLOW "POWERFLOW" EXHAUST SYSTEM PER STC \$A 01801 AT. TIGHTENED DIP-STICK TUBE. ENGINE TEST RUN. ALL FUNCTIONS NORMAL. D <sup>2</sup><br>NTP   |
|             |                                      |                   |                             | Coastal Valley Aviation, Inc.<br>3119 Liberator Street<br>Santa Maria, California 93455<br>Phone: (805) 928-7701 • Fax: (805) 928-4427<br>Bina Kaval<br>AP345869258IA  |



Santa Ynez Valley Airport, Hangar G-9  
P.O. Box 960 \* Santa Ynez, CA 93460  
(805) 688-2437 Fax (805) 686-0954

Date: 4/26/00

A/C N#: 12926

A/C Type: C172

Hobbs: 5328.9

Tach: 4635.4

AFTT:

SMOH:

1. Removed and Replaced engine baffle seal with new.
2. Removed and Replaced Induction air filter with new. (p/n BA 6108)

Shane Warren  
A&P 2597856

Shane Warren  
A&P 2597856

|         |        |           |   |
|---------|--------|-----------|---|
| 7/17/00 | 4680.0 | JK Hobolt | Change engine oil (Phillips 20W-50 - 7qts) x Champion Filter C<br>Inspected filter for metal - okay |
|         |        |           |   |
|         |        |           |   |
|         |        |           |   |
|         |        |           |   |

Repair

| DATE              | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations  |                   |  |  |  |  |  |   |   |   |   |   |   |    |    |    |    |   |   |    |  |  |  |  |  |
|-------------------|---------------------------|-------------------|-----------------------------|---|-------------------|--|--|--|--|--|---|---|---|---|---|---|----|----|----|----|---|---|----|--|--|--|--|--|
| 19                |                           |                   |                             | Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)  |                   |  |  |  |  |  |   |   |   |   |   |   |    |    |    |    |   |   |    |  |  |  |  |  |
| 12/12/00          | Tach 4709<br>7500 ft      | 748.9             |                             | CHANGE OIL & OIL FILTER, SERVICE WITH 8 QTS<br>PHILLIPS 20W50, REPAIRED BROKEN ENGINE Baffle<br>AT #1 cylinder  |                   |  |  |  |  |  |   |   |   |   |   |   |    |    |    |    |   |   |    |  |  |  |  |  |
|                   |                           |                   |                             | <table border="1"><tr><td colspan="6">COMPRESSION CHECK</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td>74</td><td>70</td><td>78</td><td>78</td><td>X</td><td>X</td></tr><tr><td colspan="6">80</td></tr></table>           | COMPRESSION CHECK |  |  |  |  |  | 1 | 2 | 3 | 4 | 5 | 6 | 74 | 70 | 78 | 78 | X | X | 80 |  |  |  |  |  |
| COMPRESSION CHECK |                           |                   |                             |   |                   |  |  |  |  |  |   |   |   |   |   |   |    |    |    |    |   |   |    |  |  |  |  |  |
| 1                 | 2                         | 3                 | 4                           | 5   | 6                 |  |  |  |  |  |   |   |   |   |   |   |    |    |    |    |   |   |    |  |  |  |  |  |
| 74                | 70                        | 78                | 78                          | X   | X                 |  |  |  |  |  |   |   |   |   |   |   |    |    |    |    |   |   |    |  |  |  |  |  |
| 80                |                           |                   |                             |   |                   |  |  |  |  |  |   |   |   |   |   |   |    |    |    |    |   |   |    |  |  |  |  |  |
|                   |                           |                   |                             | <p>CERTIFY THAT THIS AIRCRAFT ENGINE PROPELLER HAS BEEN<br/>INSPECTED IN ACCORDANCE WITH <u>Annual</u> INSPECTION<br/>AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION</p> <p><u>John Hopper AF9554029647A</u></p> <p>DATED 12/12/00 TACH 4709 TOTAL HRS 2899.</p> |                   |  |  |  |  |  |   |   |   |   |   |   |    |    |    |    |   |   |    |  |  |  |  |  |

Jan  
356

Filter  
Champion CH48110

Section of Inspections, Tests, Repairs and Alterations  
must be endorsed with Name, Rating and Certificate Number of Technician or Person  
facility. (See back pages for other specific entries.)

|                    |         |  |
|--------------------|---------|--|
|                    | J. Held | Change engine oil (Phillips 20W50-7qts) & oil filter<br>Inspect filter for metal - OK  |
| 08/08/01 4781.3    | J. Held | Chg engine oil (Aeroshell 15W50-7qts) & filter (CH4000)<br>Inspect filter for metal - OK   |
| 01/29/02 Tech 4821 |         | Completed 100 Hour service<br>changed oil and oil filter, serviced<br>with 8 qts Aeroshell 15W50<br>removed Shaker Ror 500 Hour service<br>Reinstalled after 500 Hour<br>— Concl — |

DATE RECORDING  
TACH TIME FLIGHT TIME IN  
SERVICE

19-

Facility. (See back pages for other specific entries.)

Con (D)

Replaced #1 cylinder due to crack.

COMPRESSION CHECK

|    |    |    |    |   |   |
|----|----|----|----|---|---|
| 1  | 2  | 3  | 4  | 5 | 6 |
| 77 | 78 | 76 | 79 |   |   |
|    |    |    | 80 |   |   |

Engine Test runs for leafs off is good.

*John Hopper* AFPS554029

CERTIFY THAT THIS AIRCRAFT ENGINE PROPELLER HAS BEEN  
INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION  
AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION

*John Hopper* AFPS55402976418

DATED 1/29/02 TACH 4821 TOTAL TIME 3011

| DATE    | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations   |
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| 19      |                           |                   |                             | Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
| 5/25/02 | 4839.9                    | J Hecht           |                             | Change engine oil (Phillips 20W50-7qts) & filter (CH4810)<br>Inspect filter for metal - ok   |
| 9/22/02 | 4886.4                    | J Hecht           |                             | Change engine oil (Phillips 20W50-7qts) & filter (CH48110)<br>Inspect filter for metal - ok  |
| 3/20/03 | Tach 4893.2               |                   |                             | CHANGED OIL & OIL FILTER SERVICED w/ 7qts<br>Phillips 20W50<br>RETORQUED ALTERNATOR MOUNT BOLTS  |

| COMPRESSION CHECK |    |    |    |    |   |
|-------------------|----|----|----|----|---|
| 1                 | 2  | 3  | 4  | 5  | 6 |
| 76                | 78 | 78 | 78 | /  | / |
|                   |    |    |    | 80 |   |

15  
of Technician or Repair

✓ for metal - ok

filter (CH48110)

for (CH48110)

ok

so w/ 7 qts

LPS

9764

| DATE    | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations  |
|---------|---------------------------|-------------------|-----------------------------|---|
| 19—     |                           |                   |                             | Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)  |
| 3/20/03 | Tach                      | 4893.2            |                             | <p>CERTIFY THAT THIS AIRCRAFT ENGINE PROPELLER HAS BEEN<br/>INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION<br/>AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION</p> <p><i>Robert J Lehring</i> NPF 554629264</p> |
|         | TSmot                     | 932.              |                             | <p>DATED: 3/20/03 TACH: 4893.2 TOTAL: 2000</p>  |
| 8/2/03  | Tach                      | 4948.5            |                             | <p>Changed oil &amp; oil filter, 7 qts Phillips 20W50<br/><i>Robert J Lehring</i> AI 1444441</p>  |
| 12/8/03 | 4992.9                    | <i>J. Poblett</i> |                             | <p>Change oil (Phillips 20W50 - 7 qts) &amp; filter (CH48110)<br/>Inspect filter for metal - ok</p>   |

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|------------|---------------------------|-------------------|-----------------------------|--|
| 4-19-04    | Tach 4998.3               |                   |                             | <p>I CERTIFY THAT THIS AIRCRAFT ENGINE PROPELLER HAS BEEN<br/>INSPECTED IN ACCORDANCE WITH <u>100 Hr</u> INSPECTION<br/>AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION</p> <p>Wayne Hamblin A.P.S.Y.T 186186</p> <p>DATED 4-19-04 TACH 4998.3 TOTAL 4998.3</p> <p>CHANGE OIL &amp; FILTER &amp; SERVICE WITH<br/>7.8L OF PHILLIPS 20-50</p> <p>Wayne Hamblin A.P.S.Y.T 186186</p> |
| 4-19-04    | Tach 4998.3               |                   |                             | <p>I CERTIFY THAT THIS AIRCRAFT ENGINE PROPELLER<br/>HAS BEEN INSPECTED IN ACCORDANCE WITH <u>100 Hr</u> INSPECTION AS PER PART 43, APPENDIX D</p> <p>SIGNED <u>Wayne Hamblin NTS 402764</u></p> <p>DATE: TACH TOTAL TIME</p>  |

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| DATE    | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)  |
|---------|---------------------------|-------------------|-----------------------------|---|
| 19 —    |                           |                   |                             |   |
| 7/27/04 | Tach 502                  | 9.8               |                             | Changed oil & oil filter 7qts Phillips 20w50X/C.<br>Robert J. Lehning N21444441   |
| 5/12/05 | Tach 5065.1               |                   |                             | Completed 100 hour inspection & service<br>① 65/80 ② 79/80 ③ 75/80 ④ 79/80<br>Changed oil & oil filter serviced with 7qts<br>Phillips 20w50, inspected oil filter for metal<br>engine test ran no leaks noted, ops. /s Good,<br>J. Hopper APP 554029764 |
| 8/28/05 | 5110.7                    |                   |                             | Change oil (Phillips 20w50 - 7qts) x filter (CH 48110)<br>Inspected filter for metal - OK J. Heldt Owner  |

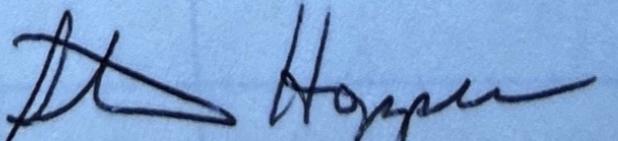
| DATE<br>19 | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | <b>Description of Inspections, Tests, Repairs and Alterations</b><br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|------------|---------------------------|-------------------|-----------------------------|---|
| 1/8/06     | 5125.6                    |                   |                             | Chg Oil (Phillips 7qt 20w50) & filter (CH48110)<br>Inspected filter for metal - OK J. Nell, Owner   |
|            |                           |                   |                             |   |
|            |                           |                   |                             |   |
|            |                           |                   |                             |   |
|            |                           |                   |                             |   |
|            |                           |                   |                             |   |
|            |                           |                   |                             |   |
|            |                           |                   |                             |   |

## Alterations

Rate Number of Technician or Repair

filter (CH48110)

J. Nolt, Owner

| DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations  |
|------|---------------------------|-------------------|-----------------------------|---|
| 19   |                           |                   |                             | 07/05/2006 Tach: 5129.2 TSMOH: 1168<br>Completed 100 hour inspection IAW Cessna Maintenance Manual<br>Completed compression test.<br>1. 65/80 2. 74/80 3. 68/80 4. 68/80<br>C/W AD 98-02-08 by inspection of crankshaft, no corrosion noted,<br>installed new plug and reinstalled prop.<br>Cleaned, gapped, and tested spark plugs.<br>Removed #3 cylinder, ground and lapped valves, reassembled and<br>reinstalled with new seals and gaskets, compression 68/80.<br>Reinstalled magnetos after 500 hour inspection performed by AEC<br>and timed to engine.<br>Installed new induction air filter.<br>Installed new spark plugs.<br>Engine test ran for leaks, none noted, ops checks good. |
|      |                           |                   |                             | <br>Steve Hoppes   |
|      |                           |                   |                             | A&P 554029764   |
|      |                           |                   |                             | Number of Technician or Repairman<br>air<br>18110<br>one<br>D<br>0 741<br>JT  |

| DATE     | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations   |
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| 11/14/06 | 5130.9                    | ✓                 | 5130.9                      | Removed Prop, Removed mach plug<br>Installed new STD 1211 prop re-installed<br>Prop Torque 43 ft/lbs and seated.<br>OWNER TOLERUN LEAK CHECK GOOD.<br>Stevan McCarthy AP 3045459 |
|          |                           |                   |                             | 11/14/06 Tach 5140.5   |
|          |                           |                   |                             | CHANGED oil & oil Filter, inspected old<br>Filter for metal, none noted, serviced<br>with 7 qts Phillips 20W50, test ran<br>for leaks, op's ls Good.                             |
|          |                           |                   |                             | John Hopper #PP554029764   |

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er of Technician or Repair

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installed  
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ccs

to ran

54029764

| DATE      | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations   |
|-----------|---------------------------|-------------------|-----------------------------|--|
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| 4/13/07   | 5147.5                    |                   |                             | Chg Oil (Phillips 7qt 20W50) X filter (CH48110)<br>Inspect filter for metal - OK J. Heldt Owner  |
| 7-25-2007 | 5193.7                    |                   |                             | 100 hour completed IAW FAR 43 appendix D<br>Lap exhaust valve #3 to bring up comp to 74/60<br>drained oil removed filter cut open NOTHING<br>found. Replaced with 7qts phillips 20/50w oil<br>and new oil filter Removed and serviced all Spark<br>Plugs. Checked Magneto timing Engine was<br>determined to be in airworthy condition<br>at this time Seen W/ Cet Ap 2745966<br>① 7/80 ② 7/80 ③ 7/80 ④ 7/80 |

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| 19       |                           |                   |                             | Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)   |
| 8-12007  | 5193.7                    |                   |                             | <p>CERTIFY THAT THIS AIRCRAFT ENGINE PROPELLER HAS BEEN<br/>INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION<br/>AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION</p> <p>Sean W. Clark AIP 2745966-A</p> |
| 11/24/07 | 5216.4                    |                   |                             | Change oil (Phillips 2 qt 20W50) & filter (CH 4111)<br>Inspect filter for metal - OK <i>gNeklt</i> Owner   |
| 4/17/08  | 5227.7                    |                   |                             | Change oil (Phillips 20W50-7 qts) & filter (CH 4111)<br>Inspect filter for metal - OK <i>gNeklt</i> Owner  |

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## Repair

## Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repairman

10/10/2008 Tach: 5246.2 TSMOH: 1285.0

Completed 100 hour inspection IAW Cessna MM.

Changed oil, inspected oil filter, service engine with 7qts. Phillips 20W50 oil.

## Compression:

1. 28/80 2. 79/80 3. 22/80 4. 76/80

Reinstalled #1 & #3 cylinders after exhaust valve guide replacement by Eagle Engines, installed new exhaust valves, lapped to fit and reassembled with new gaskets, Comp: 70/80 both cylinders.

Installed new induction air filter.

Reinstalled starter after repairs by AEC, ops checks good.

Cleaned, gapped and tested spark plugs.

Engine test ran for leaks, none noted, ops checks good.

 Steve Hopper

Steve Hoppe

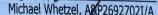
A&P 554029764



| Description of Inspections, Tests, Repairs and Alterations |                           |                           |                  |   |  |
|--|---------------------------|---------------------------|------------------|---|--|
| DATE   | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT<br>TIME | TOTAL<br>TIME IN | Description of Inspections, Tests, Repairs and Alterations  |  |
| 10-1   |                           |                           |                  | <p><b>T &amp; M Aviation</b><br/>         1401 S. State Street<br/>         Waukegan, IL 60085<br/>         (708) 442-4417</p> <p>12/10/09 N12926 Tach: 5321.4 TSN: 3511.3 TSO: 1361.3</p> <p>Annual inspection completed. Compressions as follows:<br/>         #1 72/80, #2 73/80, #3 65/80, #4 66/80.<br/>         Changed oil and filter. Serviced engine with 8 quarts Phillips 20W-50 oil and a Champion CH4810-1 filter. Performed oil analysis using Aviation Laboratories Inc. GA-001 kit. Installed new Lycoming Cylinder assembly P/N 05K21237-A S/N G24407-33 at the #1 cylinder position. Installed new cylinder in accordance with Lycoming Direct Drive Overhaul Manual. Tightened all rocker box drain lines. Installed new intake gasket P/N 71973 on cylinder #2. Cleaned and gapped spark plugs. Installed new intake air filter P/N BA-6108. Checked magnetos timing to engine. Repaired right magneto Y lead. Installed 2ea. new primer nozzles P/N 6302214038 in #1 and #4 cylinders. Repaired engine baffle behind alternator. Installed new primer line P/N LW-12098-1-130 on cylinder #2. Adjusted throttle and mixture controls and lubed Engine run-up performed, no leaks noted. All AD's checked through Revision 2009-24. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p> <p><i>Michael Whezel</i><br/>         Michael Whezel, ABP#2697021/A</p> |  |

© ASA 1999



| DATE  | RECORDING<br>TACH<br>TIME | TODAY'S | TOTAL   | Description of Inspections, Tests, Repairs and Alterations                             |  |
|---|---------------------------|---------|---|--|--|
|   |                           |         |   | Technician or Repair   |  |
| 19  |                           |         |   | <b>T &amp; H Aviation</b><br>1401 S. State Street<br>Vienna VA 22182<br>(703) 482-1417 |  |
| 2/1/11  |                           | N12926  | Tach: 5378.90      TSN: 3568.80      TSO: 1418.80 |  |  |
| Annual inspection completed. Compressions as follows:<br>#1 76/80, #2 70/80, #3 68/80, #4 65/80.<br>Changed oil and filter. Serviced engine with 8 quarts Phillips 20W-50 oil and a Champion CH48110-1 filter. Performed oil analysis using Aviation Laboratories Inc. GA-001 kit. Installed Electronics International Fuel Flow transducer P/N EIFM-FLOW90 S/N 101860 to interface with the UBG-16 graphic engine monitor. Tightened all rocker box drain lines. Cleaned and gapped spark plugs. Installed new intake air filter P/N BA-6108. Checked magneto timing to engine. Installed new Alternator belt P/N S1597-1-37.5 and adjusted tension. Repaired engine baffle by stop drill in a couple of areas. Engine run-up performed, no leaks noted. All AD's checked through Revision 2011-01. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.<br><br>Michael Whetzel, AAF26927021/A |                           |         |   |  |  |

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| DATE   | RECORDIN<br>TACH<br>TIME | T & II Aviation<br>1401 S. State Street<br>Utah 84 95482<br>7870 452-1467 | Technician or Repair<br>Technician or Repair |
|--|--------------------------|---|--|
| 19-10-12   |                          |   |  |
| <p>(CH 48110-1)</p> <p>owner</p> <p>(CH 48110-1)</p> <p>owner</p>  |                          |   |  |
| <p>5/1/12 N12926 Tach: 5442.70 TSN: 3632.60 TSO: 1482.60</p> <p>Annual inspection completed. Compressions as follows:</p> <p>#1 76180, #2 70180, #3 75180, #4 74180.</p> <p>Changed oil and filter. Serviced engine with 8 quarts Phillips 20W-50 oil and a Champion CH48110-1 filter. Carburetor removed for overhaul by Aircraft Accessories of O.K. on W.O. #50289, installed overhauled carburetor with all new hardware, adjusted in accordance with Lycoming Overhaul Manual for Direct Drive Engines. Adjusted Cleaned and gapped spark plugs. Installed new silicon rocker cover gaskets PIN RG-75900. Cyl. #1 &amp; #3 installed new intake air filter PIN BA-6108. Checked magnet timing to engine and retimed magnetos to engine. Engine run-up performed, no leaks noted. All AD's checked through Revision 2012-07. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p> <p><i>Michael Whtzel</i>, Michael Whtzel, A&amp;P#2692702/A</p> |                          |   |  |

| DATE    | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | <b>Description of Inspections, Tests, Repairs and Alterations</b><br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---------|---------------------------|-------------------|-----------------------------|---|
| 19 ____ |                           |                   |                             |   |

**DATE**  
**19** —

|      |        |   |              |                    |
|------|--------|---|--------------|--------------------|
| REG# | N12926 | LAKESHORE AVIATION<br>MANITOWOC COUNTY AIRPORT<br>1815 FREEDOM WAY<br>MANITOWOC, WI 54220<br>(920)-682-0043 | DATE<br>Tach | 8/7/2012<br>5482.0 |
|------|--------|---|--------------|--------------------|

Changed the engine oil and filter. Serviced the engine with 7 Qts of Phillips 20W50 X/C oil and an AA48110-2 filter. Cut open the old oil filter and inspected it for metal particles- none noted at this time. Run up and leak check okay.

Jeremy Trousil

Jay Tuck

LAKESHORE AVIATION  
MANITOWOC COUNTY AIRPORT  
1815 FREEDOM WAY  
MANITOWOC, WI 54220  
(920)-682-0043

|      |          |
|------|----------|
| DATE | 8/7/2012 |
| Tach | 5482.0   |
|      |          |
|      |          |

A&P 391849627 IA

**Alterations**

Number of Technician or Repair

|      |          |
|------|----------|
| DATE | 8/7/2012 |
| Tach | 5482.0   |
|      |          |
|      |          |
|      |          |

110-2 filter. Cut open the old oil

A&amp;P 391849627 IA

| DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE |
|------|---------------------------|-------------------|-----------------------------|
| 19   |                           |                   |                             |

**Description of Inspections, Tests, Repairs and Alterations**

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

**T & M Aviation**

1401 S. State Street

Ukiah CA 95482

(707) 462-1417

1/6/13 N12926 Tach: 5509.6

Change oil and oil filter. Serviced engine with 7 quarts Phillips 20W-50 XC and a CH48110-1 Filter. Engine run-up performed with no discrepancies noted. I certify that this aircraft is airworthy with regard and pertaining to the work performed this date.

A handwritten signature in black ink, appearing to read "Michael Whetzel".

Michael Whetzel A&amp;P2692702

| DATE<br>19  | RECORDING<br>TACH<br>TIME | REMARKS        | DATE<br>19 | RECORDING<br>TACH<br>TIME |
|---|---------------------------|----------------|------------|---------------------------|
| <br><b>T &amp; H Aviation</b><br>14015 State Street<br>Utah GA 85442<br>(877) 482-1407  |                           | No. of Repairs |            |                           |
| <p>5/1/13 N12926 Tach: 5526.8 TSN: 3716.7 TSO: 1566.7<br/>         Annual inspection completed. Compressions as follows:<br/>         #1 76/80, #2 71/80, #3 65/80, #4 75/80.<br/>         Oil and oil filter not changed at this time upon owner's request.<br/>         Installed 2ea. new REM40E spark plugs, cleaned and gapped remaining spark plugs. Installed new intake air filter P/N BA-6108. Checked magneto timing to engine and retimed magnetos to engine. Engine run-up performed, no leaks or discrepancies noted. All AD's checked through Biweekly Revision 2013-07. <b>I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.</b></p> <p><i>Michael Whetzel</i>, Michael Whetzel, A&amp;P26927021/A</p> |                           |                |            |                           |
| <small>© ASA 1993</small>   |                           |                |            |                           |

## Print or Repair

| DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE |
|------|---------------------------|-------------------|-----------------------------|
| 19   |                           |                   |                             |

## **Description of Inspections, Tests, Repairs and Alterations**

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

8|28|13|5554.1

Changed Oil+Filter, 7Qts Phillips 20W-50, 1can Av-blend, Champion CH-48110-1 filter. Filter cut open and inspected. No metal. Inspect for leaks, run-up and flown 1hr. No discrepancies. R. NOBANAN owner

| DATE<br>19__   | RECORDING<br>TACH<br>TIME | TYPE<br>OF<br>SERVICE |
|--|---------------------------|-----------------------|
|  <p><b>T &amp; J Aviation</b><br/>1401 S. State Street<br/>Utica, CA 95482<br/>(707) 462-5417</p>  |                           |                       |
| <p>4/16/14 N12926 Tach: 5579.4 TSO: 3769.3 TSO: 1619.3<br/>         Annual inspection completed. Compressions as follows:<br/>         #1 74/80, #2 78/80, #3 72/80, #4 76/80.</p> <p>Oil and oil filter changed at this time. Serviced engine with 4 quarts Aeroshell 15W-50 oil and an AA48110-2 oil filter. Installed new REM40E spark plugs, cleaned and gapped remaining spark plugs. Installed new intake air filter P/N BA 6108. Checked magneto timing to engine. Engine run-up performed, no leaks or discrepancies noted. All AD's checked through Biweekly Revision 2014-07. <b>I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.</b></p> <p><i>Michael Whetzel</i>, Michael Whetzel, A&amp;P#2692702/A</p> |                           |                       |

DATE

19

Model: O-320-E2D

S/N: L-41444-27A

N 12926

Work Order #: B8203

Hobbs: 5622.1

TSMO: 1662.0

HEALDSBURG AVIATION INC.

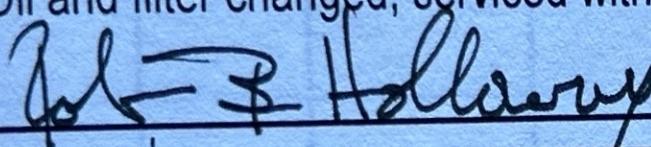
HEALDSBURG, CA 95448

707-433-8540

ENGINE LOG INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

Oil and filter changed; serviced with Aeroshell W100Plus; oil analysis sample taken.



I.A. 3040317

Date: July 22, 2014

END

11-11-14 5662.8

1702.7  
SMOIT

Change oil and filter w/ 8 qts 15W-50 AeroShell  
and champion AA48110-2 filter. Ground check  
for leaks and flown .5 hrs. No discrepancies.

R. NOONAN - Owner. Oil analysis sample taken.

D: 1619.3  
S:

ne with 8  
oil filter.  
gapped  
P/N BA-  
e run-up  
checked  
that this  
with an  
be in an

927021/A

**T & M Aviation**  
  
 1401 S. State Street  
 Ukiah CA 95482  
 (707) 462-1417

4/10/15 N12926 Tach: 5663.3 TSN: 3853.2 TSO: 1703.2  
 Annual inspection completed. Compressions as follows:  
 #1 76/80, #2 75/80, #3 70/80, #4 76/80.  
 Oil and oil filter not changed at this time. Spark plugs, cleaned, gapped and resistance tested. Installed new intake air filter P/N BA-6108. Checked magneto timing to engine. Tightened alternator belt. Engine run-up performed, no leaks or discrepancies noted. All AD's checked through Biweekly Revision 2015-07. *I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.*

Michael Whetzel, Michael Whetzel, A&P2692702I/A

TSO: 1703.2

OWS:

plugs, cleaned,  
the air filter P/N

ne. Tightened

no leaks or  
weekly Revision

inspected in  
determined to be

P2692702I/A

|                                |                           |   |
|--------------------------------|---------------------------|---|
| DATE<br>19 ___                 | RECORDING<br>MACH<br>TIME | <p style="text-align: center;"><b>T &amp; H Aviation</b><br/>1401 S. State Street<br/>Utah 84194-0482<br/>(770) 492-1417</p> <p>4/22/16 N12926 Tach: 5705.8 TSN: 3895.7 TSO: 1745.7<br/>Annual inspection completed. Compressions as follows:<br/>#1 76/80, #2 70/80, #3 64/80, #4 70/80.<br/>Oil and oil filter not changed at this time upon owner's request.<br/>Spark plugs, cleaned, gapped and resistance tested. Checked<br/>magneto timing to engine. Installed new intake air filter P/N BA-<br/>6108. Installed new crankshaft front seal Lycoming P/N LW-<br/>13792. Installed new alternator belt Cessna P/N S1597-1-37.5.<br/>Engine run-up performed, no leaks or discrepancies noted. All<br/>AD's checked through Biweekly Revision 2016-07.</p> <p><i>I certify that this engine has been inspected in accordance with an<br/>Annual Inspection and was determined to be in an airworthy<br/>condition.</i></p> <p><i>Michael Whetzel</i>, Michael Whetzel, 2692702 A&amp;P, I/A</p> |
|                                |                           | DATE<br>2017<br>4/25<br>5   |
| <p>REC'D<br/>TACH<br/>TIME</p> |                           |   |

| In or Repair |                           |                   | Description of Inspections, Tests, Repairs and Alterations |  |  |
|--------------|---------------------------|-------------------|--|--|--|
| DATE         | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL  |  |  |
| 2017         |                           |                   |  |  |  |
| 45.7         | 7/25 5726.3               |                   |  |  |  |
| uest.        |                           |                   |  |  |  |
| checked      |                           |                   |  |  |  |
| I BA-        |                           |                   |  |  |  |
| LW-          |                           |                   |  |  |  |
| 37.5.        |                           |                   |  |  |  |
| 1. All       |                           |                   |  |  |  |
| th an        |                           |                   |  |  |  |
| orthy        |                           |                   |  |  |  |
| 1/A          |                           |                   |  |  |  |

**Ta H Aviation**  
1401 S. State Street  
Utah 84144-2  
1700-402-1407

4/25/17 N12926 Tach: 5726.3 TSN: 3916.2 TSO: 1766.2  
Annual inspection completed.  
Compressions as follows: #1 76/80, #2 68/80, #3 68/80, #4 74/80.  
Changed oil and oil filter. Serviced engine with 8 quarts of Aeroshell  
15W-50 oil and a CH48110-1 filter. Performed an oil analysis using  
Aviation Laboratories GA-001 kit. Spark plugs were cleaned, gapped  
and resistance tested. Installed 3ea. New UREM40E plugs in engine.  
Checked magnetic timing to engine. Repaired left magneto P-Lead.  
Installed new intake air filter P/N BA-6108. Engine run-up performed,  
no leaks or discrepancies noted. All AD's checked through Biweekly  
Revision 2017-06.

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

*Michael Whetzel*, Michael Whetzel, 2692702 A&P, I/A

SA 1993



## La Navigation

1401 S. State Street

Ukiah CA 95482

[30] 462-1417

5/18/19 N12926 Tach:5810.4 TSN: 4000.3 TSO: 1850.3

Annual inspection completed.

Compressions as follows: #1 68/80, #2 76/80, #3 68/80, #4 75/80.

Changed oil and oil filter. Serviced engine with 8 quarts of Aeroshell 15W-50 oil and a CH48110-1 filter. Performed an oil analysis using Aviation Laboratories GA-001 kit. Spark plugs were cleaned, gapped and resistance tested. Checked magneto timing to engine @ 25deg. BTC. Installed new intake air filter P/N BA-6108. Engine run-up performed, no leaks or discrepancies noted. All AD's checked through Biweekly Revision 2019-09.

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

condition.  
Melvin Dubois

Michael Whetzel, 2692702 A&P, I/A

| DATE      | RECORDING<br>TACH<br>TIME                   | REASON  |
|-----------|---|---|
| 7/10/2020 | N12926 Tach: 5830.7 TSN: 4020.6 TSO: 1870.6 | Annual inspection completed.  |
|           |   | Compressions as follows: #1 74/80, #2 68/80, #3 66/80, #4 72/80.  |
|           |   | Changed oil and oil filter. Serviced engine with 8 quarts of Aeroshell 15W-50 oil and a CH48110-1 filter. Performed an oil analysis using Aviation Laboratories GA-001 kit. Installed new Zettronics Voltage Regulator P/N R15V00 Rev. A, S/N 914086. Spark plugs were cleaned, gapped and resistance tested. Installed new spark plug in top #4 cylinder. Checked magneto timing to engine @ 25deg. BTC. Installed new intake air filter P/N BA-6108. Engine run-up performed, no leaks or discrepancies noted. All AD's checked through Biweekly Revision 2020-14 |
|           |   | <i>I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.</i><br>Michael Whetzel, 2692702 A&P, I/A   |



| DATE      | RECORDING<br>TACH<br>TIME | TONNAGE | TOTAL | Description of Inspection Work Performed |              | DATE | RECORDING<br>TACH<br>TIME | TONNAGE | TOTAL | Description of Inspection Work Performed |  |
|-----------|---------------------------|---------|-------|--|--------------|------|---------------------------|---------|-------|--|--|
|           |                           |         |       | in or Repair                             | in or Repair |      |                           |         |       |  |  |
| 1886.0    |                           |         |       |  |              |      |                           |         |       |  |  |
| /80.      |                           |         |       |  |              |      |                           |         |       |  |  |
| Aeroshell |                           |         |       |  |              |      |                           |         |       |  |  |
| is using  |                           |         |       |  |              |      |                           |         |       |  |  |
| gapped    |                           |         |       |  |              |      |                           |         |       |  |  |
| 25deg.    |                           |         |       |  |              |      |                           |         |       |  |  |
| run-up    |                           |         |       |  |              |      |                           |         |       |  |  |
| checked   |                           |         |       |  |              |      |                           |         |       |  |  |
| ce with   |                           |         |       |  |              |      |                           |         |       |  |  |
| worthy    |                           |         |       |  |              |      |                           |         |       |  |  |
| &P, I/A   |                           |         |       |  |              |      |                           |         |       |  |  |

**T & E Aviation**  
1411 S. State Street  
Utah 84145  
(800) 433-3877

7/7/2022 N12926 Tach: 5879.70 TSN: 4069.60 TSO: 1919.60  
Annual inspection completed.  
Compressions as follows: #1 76/80, #2 73/80, #3 65/80, #4 73/80.  
Changed oil and oil filter. Serviced engine with 8 quarts of Aeroshell  
15W-50 oil and a CH48110-1 filter. Performed an oil analysis using  
Aviation Laboratories GA-001 kit. Spark plugs were cleaned, gapped  
and resistance tested. Checked magneto timing to engine @ 25deg.  
BTC. Installed new intake air filter P/N BA-6108. Engine run-up  
performed, no leaks or discrepancies noted. All AD's checked  
through Biweekly Revision 2022-14

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

*Michael Whetzel* Michael Whetzel, 2692702 A&P, I/A

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| DATE<br>19  | RECORDING<br>TACH<br>TIME | TODAY'S<br>TOTAL |
|---|---------------------------|------------------|
| <p><b>T. H. Aviation</b><br/>1441 S. State Street<br/>Utah 841942<br/>(785) 493-3457</p>  <p>7/14/2023 N12926 S/N:17262378 Tach: 5893.5<br/>     Lycoming O-320-E2D S/N: L41444-27A TSN: 4083.4 <b>TSO: 1933.4</b><br/>     Annual inspection completed.<br/>     Compressions as follows: #1 75/80, #2 76/80, #3 65/80, #4 76/80.<br/>     Changed oil and oil filter. Serviced engine with 8 quarts of Aeroshell<br/>     15W-50 oil and a CH48110-1 filter. Performed an oil analysis using<br/>     Aviation Laboratories GA-001 kit. Spark plugs were cleaned, gapped<br/>     and resistance tested. Checked magneto timing to engine @ 25deg.<br/>     BTC. Installed new intake air filter P/N BA-6108. Engine run-up<br/>     performed, no leaks or discrepancies noted. All AD's checked<br/>     through Biweekly Revision 2023-13</p> <p><i>I certify that this engine has been inspected in accordance with<br/>     an Annual Inspection and was determined to be in an airworthy<br/>     condition.</i></p> <p><i>Michael Whetzel</i> Michael Whetzel, 2602700 A&amp;D, MA</p> |                           |                  |

