

THE  
**adlog**<sup>TM</sup>

AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**ENGINE  
MAINTENANCE  
RECORDS**



## ENGINE MAINTENANCE RECORDS

Log No. \_\_\_\_\_

Aircraft Registration No. N12291

Engine Manufacturer LYCOMING

Model O-320-E2D

Serial No. L-34428-27A

Date installed on aircraft \_\_\_\_\_

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

☐ Right

☐ Left

☐ Front

☐ Rear

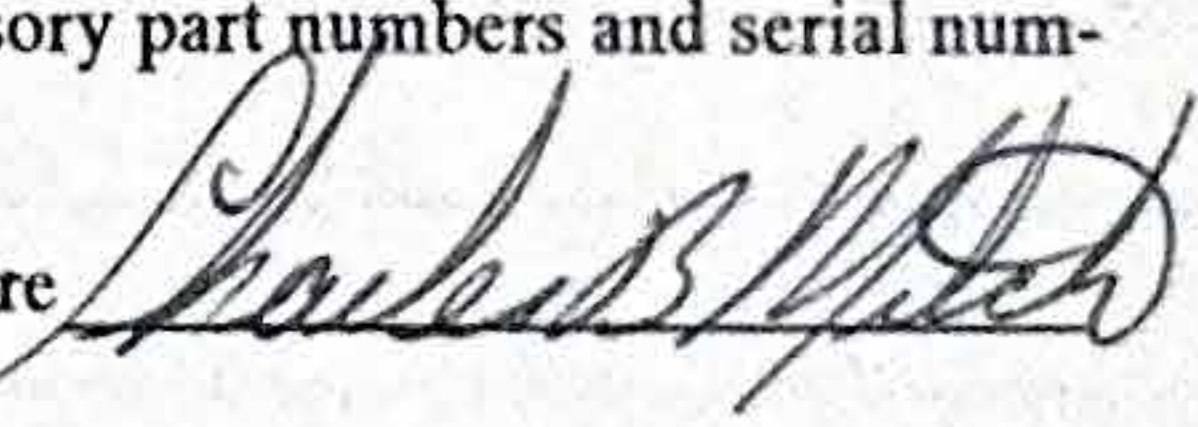


**AERO  
TECH PUBLICATIONS INC.**

P.O. BOX 6005/FREEHOLD, N.J. 07728  
(908) 462-5330



| DATE     | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|----------|-----------------------|---------------------------|------------------------------|---|
|          |                       |                           |                              | TOTALS brought forward from previous page   |
| 8/2/95   | TACH                  | 4534.6                    |                              | CHANGED OIL + CHECKED SCREENS NO METAL  |
|          | SMOH                  | 2302.1                    |                              | FOUND - SERVICED WITH 7qt 15W50 AEROSHELL   |
|          |                       |                           |                              | CLEANED, GAPPED AND ROTATED PLUGS, REPLACED   |
|          |                       | Comp.                     | 1) 70/80                     | #1 + #3 EXHAUST GASKETS + INSTALLED O/H MUFFLER   |
|          |                       |                           | 2) 70/80                     | SEE YELLOW TAG IN AIRFRAME LOGBOOK, TIMED   |
|          |                       |                           | 3) 73/80                     | MAGS TO ENGINE, REPLACED INNER EXHAUST  |
|          |                       |                           | 4) 75/80                     | STUD ON #3 CYL. INSTALLED NEW REMOTE  |
|          |                       |                           |                              | SPARK PLUG ON BOTTOM #4 CYLINDER. C/W AD 93-18-3  |
|          |                       |                           |                              | 2-PIECE VENTURI BY INSPECTION NOT LOOSE OR MISSING.                                     |
|          |                       |                           |                              | SEE AD LOG FOR AD LISTING. I CERTIFY THAT   |
|          |                       |                           |                              | THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN                                    |
|          |                       |                           |                              | ANNUAL INSPECTION AND HAS BEEN FOUND  |
|          |                       |                           |                              | TO BE IN AIRWORTHY CONDITION.   |
|          |                       |                           |                              | <i>James M. Seiboh</i>  |
| 11/12/96 | TACH                  | 4594.0                    |                              | CHANGED OIL + SCREEN CHECKED - SERVICED   |
|          | SMOH                  | 2361.5                    |                              | WITH 7qt AEROSHELL, CLEANED GAPPED AND ROTATED  |
|          |                       |                           |                              | SPARK PLUGS - EXHAUST OIL MAG TO ENGINE   |
|          |                       |                           |                              | TIMING ADJUSTED. C/W AD 93-18-3 2-PIECE VENTURI   |
|          |                       |                           |                              | NOT LOOSE OR MISSING (Comp 77/80 2) 75/80 3) 70/80 4) 72/80                             |
|          |                       |                           |                              | LOOSED ALL CONTROLS SEE AD LOG FOR COMPLIANCE +   |
|          |                       |                           |                              | DUE DATES.  |
|          |                       |                           |                              | I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED   |
|          |                       |                           |                              | IN ACCORDANCE WITH AN ANNUAL INSPECTION   |
|          |                       |                           |                              | AND HAS BEEN DETERMINED TO BE IN AIRWORTHY  |
|          |                       |                           |                              | CONDITION   |
|          |                       |                           |                              | <i>James M. Seiboh</i>  |
|          |                       |                           |                              | 211383671 JA  |
|          |                       |                           |                              | SUB-TOTALS this page  |
|          |                       |                           |                              | TOTALS—Carry forward to next page   |

| DATE  | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK   |
|---|-----------------------|---------------------------|------------------------------|---|
| TOTALS brought forward from previous page   |                       |                           |                              |   |
| 7-18-98   | 0.0                   | 0.0                       | 4690.8                       | <p>Remove engine mod O-320-E2D S/N L-34428-27A and installed MOD O-320-E2D S/N RL-50627-27. T/O Engine O.O.H.R. Lycoming WO# PLR 50627. All work done in accordance with Lycoming and Cessna Service Manuals. Replaced following component in engine compartment C1597-1-37.5 ALT BELT, 111417-6S-0210, 111417-6S-0210, 11417-8D-0240, 156001-3S-0184 Hoses, M16000 Vacuum Hose, 4ea Barry 94011-20 Engine mounts, 211CC S/N 76925 Vacuum Pump. 4ea exhaust Risers from Aerospace Welding Co #22209. Engine serviced with Aeroshell 100w mineral oil. Rebuilt per Lycoming break-in procedure no leaks noted.</p> |
| <div style="display: flex; justify-content: space-between;"> <div> <p><b>TEXTRON Lycoming</b></p> <p>652 Oliver Street<br/>Williamsport, PA 17701 U.S.A.</p> </div> <div> <p>TLRED-489<br/>(Rev. 10-96)</p> </div> </div> <p>This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming manuals. All applicable 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.</p> <div style="display: flex; justify-content: space-between;"> <div> <p>Engine Model: O-320-E2D<br/>Serial #: RL-50627-27A<br/>Total Time: 0.0<br/>Work Order #: PLR50627<br/>Date Completed: 6-30-98</p> </div> <div> <p>Authorized Signature: <br/>Textron Lycoming<br/>652 Oliver Street<br/>Williamsport, PA 17701<br/>Repair Station: EJ1R115K</p> </div> </div> |                       |                           |                              |   |
| <p style="text-align: right;">James M. Sewohl<br/>211383671IA</p>   |                       |                           |                              |   |
| SUB-TOTALS this page  |                       |                           |                              |   |
| TOTALS—Carry forward to next page   |                       |                           |                              |   |



| DATE                                      | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK   |
|---|-----------------------|---------------------------|------------------------------|---|
| TOTALS brought forward from previous page |                       |                           |                              |   |
| 8-3-98                                    | 9.9                   | 9.9                       | 4700.7                       | Changed oil and filter. Serviced with Aeroshell 100w mineral oil and CH48110 filter. James M. Sewer<br>211383671 IA   |
| 4-23-99                                   | 38.5                  | 38.5                      | 4729.3                       | Changed oil and filter. Serviced with 7qt Aeroshell 100w mineral oil and CH48110 filter. James M. Sewer<br>211383671 IA   |
| 6-5-00                                    | 64.1                  | 64.1                      | 4754.9                       | Changed oil & filter with 7QT 15W-50 Aeroshell  |
|   |                       |                           | 4780.0                       |   |
| 4-12-02                                   | 70.2                  | 70.2                      | 4761.0                       | Changed Oil + Filter. CH48110 Filled with 7Qts 15W50 Aeroshell. Checked Filter for Metal. None Found. Cleaned and Gapped all Spark Plugs. Rotated all Plugs. Timed Magns. Lubed all Engine Controls. Compression Checked Hot. #1 - 78/80 #2 - 77/80 #3 - 78/80 #4 - 74/80. Ran Engine checked. For Operation all Gages Normal, Check For Leaks. None Found. I certify this Engine has been Inspected in accordance with a 100 hour Inspection and was determined To be in an airworthy Condition. |
| SUB-TOTALS this page                      |                       |                           |                              | TOTALS—Carry forward to next page   |

| DATE                                      | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK  |
|---|-----------------------|---------------------------|------------------------------|--|
| TOTALS brought forward from previous page |                       |                           |                              |  |
| 4-12-02                                   | 70.2                  | 70.2                      | 4761.0                       | (Cont from prev page) at this time<br>Ed Peter<br>IA 58302116 — End —<br>See AD List for Compliance of AD's  |
| 1/24/04                                   | 119.7                 | 119.7                     | 4811.5                       | Changed oil & filter CH48110. Filled w/7QT 15W-50 Aeroshell  |
| 5-20-04                                   | 131.1                 | 131.1                     | 4822.9                       | Cleaned, gapped & rotated spark plugs. Tuned magns, lubed all engine controls, compression check cold #1 - 78/80, #2 - 78/80, #3 - 79/80, #4 - 78/80. Ran engine and checked for all gages normal, meets perf specs, no leaks. I certify this engine has been inspected IAW a 100 hour inspection and was determined to be in airworthy condition at this time.<br>DR King AIP 88286082<br>END |
| 7/20/04                                   | 141.6                 | 141.6                     | 4833.4                       | CHANGED OIL & FILTER CH48110. FILLED W/7QTS 15W-50 AEROSHELL. CHANGED BRACKET AIR FILTER.<br>DR King AIP 1860078   |
| 2/8/05                                    | 165.2                 | 165.2                     | 4857.0                       | DRAINING OIL & REFILLED W/7QT 15W50 AEROSHELL. CHANGED FILTER CH48110. TEST RUN OPN NORMAL, NO LEAKS.<br>DR King AIP 1860078   |
| SUB-TOTALS this page                      |                       |                           |                              | TOTALS—Carry forward to next page  |



| DATE                 | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK   |
|----------------------|-----------------------|---------------------------|------------------------------|---|
|                      | 165.2                 | 165.2                     | 4657.0                       | TOTALS brought forward from previous page   |
| 5/22/05              | 173.5                 | 173.5                     | 4851.3                       | CLEANED, GAPPED & ROTATED SPARK PLUGS, TIMED MAGS, LUBED ALL ENGINE CONTROLS. COMPRESSION CHECK COLD #1-76/80, #2-76/80, #3-76/80, #4-76/80. RAN ENGINE & CHECKED ALL GAGES NORMAL, NO LEAKS, MEETS PERFORMANCE SPECS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW A 100 HOUR INSPECTION AND HAS BEEN FOUND TO BE IN AN AIR-WORTHY CONDITION. <i>Donald R King AIP 1860078</i>  |
| 7/11/05              | 177.4                 | 177.4                     | 4869.2                       | DRAINED OIL & REFILLED W/ 7QTs 15W-50 AEROSHELL. CHANGED FILTER CH 48110-1. TEST RUN OK. <i>Donald R King AIP 1860078</i>   |
| 5/1/06               | 209.9                 | 209.9                     | 4901.7                       | DRAINED OIL & CHANGED FILTER CH 48110 and added 7QT 15W50 Aeroshell. Cleaned, gapped and rotated spark plugs, timed engine, lubed engine controls. Compression checked #1-76/80, #2-75/80, #3-77/80, #4-74/80. Changed 4 Valve cover gaskets. Checked carb screen & gascolator for sediment. Check engine performance normal, no leaks found. I certify this engine has been inspected IAW a 100 hour inspection and was found to be airworthy at this time. <i>DR King AIP 1860078</i> |
| SUB-TOTALS this page |                       |                           |                              | TOTALS—Carry forward to next page   |

| DATE                 | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK   |
|----------------------|-----------------------|---------------------------|------------------------------|---|
|                      |                       |                           |                              | TOTALS brought forward from previous page   |
| 6/6/07               | 244.8                 | 244.8                     | 4936.6                       | DRAINED OIL & REPLACED CH 48110 FILTER and added 7QT 15W50 Aeroshell. Cleaned, gapped & rotated spark plugs. Lubed controls, timed engine, checked carburetor finger screen & gascolator for sediment. Compressions are: #1-76/80, #2-74/80, #3-76/80, #4-75/80. Checked engine performance normal, no leaks. I certify this engine has been inspected IAW a 100 hr inspection and was found to be airworthy at this time. <i>D.R. King AIP 1860078</i> |
| 7/3/2007             | 264.4                 | 264.4                     | 4956.2                       | DRAINED OIL, REPLACED CH 48110 FILTER & added 7QT 15W50 Aeroshell. Cleaned, gapped & rotated spark plugs, lubed controls, timed mags, checked carb finger screen & gascolator for sediment. Compressions #1-77/80, 2-72/80, 3-76/80, 4-76/80. Checked engine performance normal, no leaks. I certify this engine has been inspected IAW a 100 hour inspection and was found to be airworthy at this time. <i>DR King AIP 1860078</i>                    |
| 8/4/09               | 314.5                 | 314.5                     | 5006.3                       | DRAINED OIL, REPLACED CH 48110 FILTER & added 7QT Phillips 20W50. Cleaned gapped & rotated plugs, lubed controls, timed mags, checked carb finger strainer & gascolator for sediment. Compressions #1-76/80 #2-76/80 #3-76/80 #4-77/80. Checked engine performance normal, no leaks. I certify that this engine has been inspected IAW @ 100 hour inspection and was found to be airworthy at this time. <i>DR King AIP 1860078</i>                     |
| SUB-TOTALS this page |                       |                           |                              | TOTALS—Carry forward to next page   |



| Page No. _____                    |                       |                           |                              | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK   |  |
|-----------------------------------|-----------------------|---------------------------|------------------------------|---|--|
| DATE                              | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | TOTALS brought forward from previous page   |  |
| 8/19/10                           | 355.1                 | 5046.9                    | 5046.9                       | Drained oil topped 7QT AeroShell 15050. Replaced 4 Valve Cover gaskets.<br>DR King AIP 1860078  |  |
| 9/1/10                            | 379.9                 | 379.9                     | 5071.7                       | Drained oil, changed filter CH48110 & filled w/ 7QT 20W50. Cleaned, gapped & rotated spark plugs. Installed w/new gaskets. Timed mag, lubed all engine controls. Checked gascolator & Carb finger screen for sediment. Compression check — #1-76/80, #2-74/80, #3-75/80, #4-77/80. Replaced both oil lines from oil cooler to engine. I certify that this engine has been inspected I/ALW a 100 hour inspection and was found to be airworthy at this time<br>DR King AIP 1860078 |  |
| 10-20-10                          |                       | 508.2                     |                              | RETORQUED OIL FILL TUBE<br>RETORQUED ALL ROCKER COVERS<br>REPLACED CARB HEAT SHROUD CLAMP   |  |
| 12-20-10                          |                       | 5102.0                    |                              | INSTALLED ON MUFFLER <del>AP 2235947</del> <del>AP 1754001-25</del> <del>AP 2235947</del><br>REPAIR CARB HEAT SHROUD  |  |
| 4-14-11                           |                       | 5118.2                    |                              | CHANGED OIL & FILTER SERVICED WITH PHILLIPS 20-50 XL<br><br>AP 2235947  |  |
| 6-3-11                            |                       | 5158.2                    |                              | CHANGED OIL & FILTER<br>SERVICED WITH 7 QTS PHIL. 20/50 XL<br>GROUND RUN & CK.<br><br>AP 2235947  |  |
| SUB-TOTALS this page              |                       |                           |                              | AP 2235947  |  |
| TOTALS—Carry forward to next page |                       |                           |                              |   |  |

| Page No. _____                    |                       |                           |                              | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK   |  |
|-----------------------------------|-----------------------|---------------------------|------------------------------|---|--|
| DATE                              | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | TOTALS brought forward from previous page   |  |
| 10-4-11                           | 482.4                 | 5174.2                    |                              | CHANGED OIL & FILTER<br>SERVICED WITH 7QT PHILLIPS 20-50 XL FABRICATED & INSTALLED NEW BAFFLE AT CYL 1 & 3<br>REPLACED INDUCTION AIR FILTER ELEMENT REPLACED AIR BOX RIVETS AS REQ ALL ROUTINE LUBRICATION AND SERVICING ACCOMPLISHED GROUND RUN AND CHECKED  |  |
|                                   |                       |                           |                              | I certify that this <u>Engine</u> has been inspected in accordance with a <u>100hr</u> inspection and is in an airworthy condition.<br><br>JA 2235947   |  |
| 6-13-12                           |                       | 5212.4                    |                              | Changed oil & filter. Serviced with 7qts Phillips XC 20W50. Ground run & leak check good.<br>Ken S. Dwyer 1001629647  |  |
| 11-9-12                           | 537.3                 | 5238.1                    |                              | No oil change at this time. Comp ✓ 77/76<br>Cleaned & Tested Spark Plugs. Replaced all 77/75<br>Four Rocker Cover Gaskets. Resafted Prop Bolts<br>Replaced lockwashers & Torqued bolts on Carb. Replaced Two gaskets on Accessory case cover plates. Lubed Controls.<br>All routine Servicing accomplished See Ab list. Ground run<br>leak & ops checks good.<br><br>I certify that this <u>Engine</u> has been inspected in accordance with a <u>100hr</u> inspection and is in an airworthy condition.<br>Ken S. Dwyer 1001629647 |  |
| SUB-TOTALS this page              |                       |                           |                              | JA 2235947  |  |
| TOTALS—Carry forward to next page |                       |                           |                              |   |  |



| Page No. _____       |                       |                           |                              | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK   |  |
|----------------------|-----------------------|---------------------------|------------------------------|---|--|
| DATE                 | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | TOTALS brought forward from previous page   |  |
| 6-17-13              |                       | 5244.5                    |                              | CHANGED OIL & FILTER<br>SERVICED WITH 7 QTS<br>PHILLIPS 20/50 XC<br>GROUND RUN & CHECKED<br><br>AP 2235947  |  |
| 8-26-13              |                       | 5249.3                    |                              | C/W 500 HR INSP L & R MAGNETOS<br>M3081 CONTACT KIT INST. GROUND<br>RUN & CHECKED<br><br>AP 2235947   |  |
| 11-27-13             | 567.2                 | 5258.0                    |                              | Changed oil & filter. Serviced with 7 QTS<br>Phillips XC 20W50. Cleaned & Tested spark Plugs<br>comp ✓ #1, 72 #2, 75 #3, 75 #4, 76.<br>Installed Reiff Eng. heater Kit. Washed eng<br>lubed Controls All AD's C/W. Ground run leak<br>& ops check good.<br><br>I certify that this <u>ENGINE</u><br>has been inspected in accordance<br>with a <u>100hr</u> inspection<br>It is in an airworthy condition.<br>Rein. 2nd AP 61629647<br><br>IA 2235947 |  |
| SUB-TOTALS this page |                       |                           |                              | TOTALS—Carry forward to next page   |  |

| Page No. _____       |                       |                           |                              | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK   |  |
|----------------------|-----------------------|---------------------------|------------------------------|---|--|
| DATE                 | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | TOTALS brought forward from previous page   |  |
| 12-5-14              |                       | 586.3                     | 5277.1                       | Changed oil & filter. Serviced with 7 QTS Phillips XC<br>20W50. Cleaned & Tested spark plugs comp ✓ #1, 74<br>#2, 77<br>Replaced Intake gaskets for cyls 2 & 4.<br>Replaced Primer line rubber hoses on cyls 2 & 4.<br>Installed Baffle Tie on RH side of eng. Re Torqued<br>& Sealed oil fill tube. Ground runs leak taps<br>check good. All AD's C/W.<br><br>I certify that this <u>ENGINE</u><br>has been inspected in accordance<br>with a <u>100hr</u> inspection<br>It is in an airworthy condition.<br>Rein. 2nd AP 61629647<br><br>IA 2235947 |  |
| 2-12-16              |                       | 5288.7                    |                              | CHANGED OIL & FILTER<br>REPLACED INDUCTION AIR<br>FILTER ELEMENT REPLACED<br>#1 & 3 ROCKER COVER<br>GASKET GROUND RUN<br>& CHECKED - SEE AD LIST<br><br>I certify that this <u>ENGINE</u><br>has been inspected in accordance<br>with a <u>100hr</u> inspection<br>It is in an airworthy condition.<br><br>IA 2235947   |  |
| 3-15-16              |                       | 5291.0                    |                              | INSTALLED QA ALTERNATOR<br>SN 4-M020064<br><br>AP 2235947   |  |
| SUB-TOTALS this page |                       |                           |                              | TOTALS—Carry forward to next page   |  |



| DATE                                      | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK   |
|---|-----------------------|---------------------------|------------------------------|---|
| TOTALS brought forward from previous page |                       |                           |                              |   |
| 5-9-16                                    |                       | 5313.8                    |                              | CHANGED OIL & FILTER<br>SERVICED WITH PHIL 20/50<br>XC REPLACED VENT TUBE HOSE<br>REPLACED FUEL PUMP ISLAND<br>PLATE GASKET INSTALLED<br>ON CARBURETOR P/N M453A<br>10-5217 S/N M5C40202<br>& ADJ AS REQ. GROUND<br>RUN & CHECKED<br><br>Jan 1 1947<br>AP 2235947   |
| 3-15-17                                   | 642.4                 | 5333.2                    |                              | CHANGED OIL & FILTER<br>SERVICED WITH PHILLIPS 20-50<br>XC REPLACED INDUCTION AIR<br>FILTER ELEMENT ALL ROUTINE<br>LUBRICATION & SERVICING<br>ACCOMPLISHED IAW INSP.<br>GUIDE GROUND RUN & CHECKED<br>SEE AD LIST<br><br>I certify that this <u>ENGINE</u><br>has been inspected in accordance<br>with a <u>Annual</u> inspection<br>and is in an airworthy condition<br>Jan 1 1947<br>AP 2235947 |
| SUB-TOTALS this page                      |                       |                           |                              |   |
| TOTALS—Carry forward to next page         |                       |                           |                              |   |

| DATE                                      | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK   |
|---|-----------------------|---------------------------|------------|---|
| TOTALS brought forward from previous page |                       |                           |            |   |
| 4-19-18                                   |                       | 5349.9                    |            | CHANGED OIL & FILTER<br>SERVICED WITH A/S 15-50 REPLACES<br>INDUCTION AIR FILTER ELEMENT<br>REPLACED VACUUM PUMP PAD GASKET<br>ALL ROUTINE LUBRICATION & SERVICING<br>ACCOMPLISHED IAW INSP. GUIDE<br>GROUND RUN & CHECKED<br><br>I certify that this <u>ENGINE</u><br>has been inspected in accordance<br>with a <u>100HR</u> inspection<br>and is in an airworthy condition<br>Jan 1 1947<br>AP 2235947 |
| 8-14-18                                   |                       | 5354                      |            | INSTALLED NEW VACUUM PUMP<br>P/N AA 3215 CC S/N 010016<br>AND ASSOCIATED FILTERS GROUND<br>RUN & CHECKED<br>Jan 1 1947<br>AP 2235947  |
| 6-10-19                                   |                       | 5366.2                    |            | CHANGED OIL & FILTER<br>SERVICED WITH A/S 15-50<br>REPLACED INDUCTION AIR FILTER<br>ELEMENT, RESERVED CARB AIR<br>BOX ALL ROUTINE LUBRICATION<br>& SERVICE ACCOMPLISHED IAW<br>INSP. GUIDE GROUND RUN & CHECKED<br><br>I certify that this <u>ENGINE</u><br>has been inspected in accordance<br>with a <u>100HR</u> inspection<br>and is in an airworthy condition<br>Jan 1 1947<br>AP 3826458            |
| SUB-TOTALS this page                      |                       |                           |            |   |
| TOTALS—Carry forward to next page         |                       |                           |            |   |



| DATE  | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK   |
|---|-----------------------|---------------------------|------------------------------|---|
| TOTALS brought forward from previous page   |                       |                           |                              |   |
| 7-3-20  |                       | 5387.4                    |                              | <p>CHANGED OIL &amp; FILTER<br/>SERVICED WITH A/S 15-50<br/>R&amp;R CARBS FOR REPAIR BY D&amp;G<br/>WOT# 38903 REPLACED MAIN<br/>FUEL HOSES STRAIGHT TO CARBS.<br/>REPLACED 4 @ SPARK PLUGS<br/>REPLACED ALL ROCKER COVER<br/>GASKETS REPLACED INDUCTION<br/>AIR FILTER ELEMENT<br/>ALL ROUTINE LUBRICATION<br/>&amp; SERVICING ACCOMPLISHED<br/>IAW WSP GUIDE GROUND<br/>RUN &amp; CHECKED SEE AD<br/>LIST</p> |
|   | 76                    | 74                        | 80/43                        |   |
|   | 76                    | 74                        |                              |   |
| <p>I certify that this <u>ENGINE</u><br/>has been inspected in accordance<br/>with a <u>100HR</u> inspection<br/>and is in an airworthy condition.<br/>J- - AP 3826458</p> <p>I certify that this <u>ENGINE</u><br/>has been inspected in accordance<br/>with a <u>Annual</u> inspection<br/>and is in an airworthy condition.<br/>Peter N. Dindin J- 2781979</p> |                       |                           |                              |   |
| 3/31/21   |                       | 5407.9                    |                              | <p>Changed oil &amp; Filter Serviced with<br/>7 qts AeroShell 15w-50. Ground Run<br/>&amp; Leak Check good.</p>   |
|   |                       |                           |                              | J- - AP 3826458   |
| SUB-TOTALS this page  |                       |                           |                              |   |
| TOTALS—Carry forward to next page   |                       |                           |                              |   |

| DATE  | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK  |
|---|-----------------------|---------------------------|------------------------------|--|
| TOTALS brought forward from previous page   |                       |                           |                              |  |
| 10-8-21   |                       | 5418.1                    |                              | <p>REPLACED ALL UPPER SPARK<br/>PLUGS REPLACED INDUCTION<br/>AIR FILTER ELEMENT<br/>CHANGED OIL &amp; FILTER<br/>SERVICED WITH A/S 15-50<br/>ALL ROUTINE LUBRICATION<br/>AND SERVICING ACCOMPLISHED<br/>IAW WSP GUIDE GROUND<br/>RUN &amp; CHECKED SEE AD LIST</p> |
|   | 75                    | 75                        | 80                           |  |
|   | 76                    | 74                        | 040                          |  |
| <p>I certify that this <u>ENGINE</u><br/>has been inspected in accordance<br/>with a <u>100HR</u> inspection<br/>and is in an airworthy condition.<br/>J- - AP 3826458</p> <p>I certify that this <u>ENGINE</u><br/>has been inspected in accordance<br/>with a <u>Annual</u> inspection<br/>and is in an airworthy condition.<br/>J- 2781979</p>   |                       |                           |                              |  |
| <p><b>Aero Mechanical LTD</b><br/>Engine Logbook Entry Date: 9/2/2022<br/>Tail: N12291 Make: Cessna Model: 172M SN: 17261913<br/>Tach: 5436.0</p> <p>Change oil &amp; filter . Drained oil , Inspected cleaned &amp; reinstalled oil suction screen using new<br/>P/N MS35769-21 gasket .Replaced oil filter with new Tempest AA48110-2 torqued and safetied. Cut<br/>inspected old / removed oil filter , no contaminants noted.Serviced with 7 qts AeroShell 15w-50 oil.<br/>Ground run &amp; leak checked.</p> <p>Certificate Number: <u>A&amp;P 3826458</u><br/>Signature: <u>James Todd</u> J- -</p> |                       |                           |                              |  |
| SUB-TOTALS this page  |                       |                           |                              |  |
| TOTALS—Carry forward to next page   |                       |                           |                              |  |



DATE

AERO MECHANICAL LTD.  
64 CITATION DR. DUTCHESS C. AIRPORT  
WAPPINGERS FALLS NEW YORK 12590  
845-462-5600

Make: Cessna  
Model: C-172M  
Tail: N12291  
S/N: 17261913

Hours: 5438.9 TSMOH 748.1

## ENGINE LOG

O-320E2D  
S/N L-34428-27A  
No oil change at this time  
Replaced R/H magneto, installed P/N 4370 S/N K-11725.  
Replaced L/H mag base and spacer gaskets P/N SL 12681/SL 62224.  
Set LH/RH Magneto engine timing.  
Replaced carburetor installed rebuilt P/N MA-4SPA S/N MS 12Y701 see Marvel Schebler 8130-3 ref: WO# 1042985.  
Ground run and adjusted to spec.  
Compression check (1) 78 (2) 73 (3) 76 (4) 75.  
Removed spark plugs cleaned, gapped, tested, rotated, reinstalled.  
All routine lubrication and servicing accomplished IAW inspection guide.  
See AD list.

Signed: JAMES TODD  
Name: JAMES TODD

Cert: 3826458  
Date: 02/01/2023

I certify that this ENGINE  
has been inspected in accordance  
with a ANNUAL inspection  
and is in an airworthy condition.

JAMES TODD



AERO MECHANICAL LTD  
64 CITATION DR. DUTCHESS COUNTY AIRPORT  
WAPPINGERS FALLS NEW YORK 12590  
845-462-5600

Make: Cessna  
Model: 172M  
Tail: N12291  
S/N: 17261913

Hours: 5460.3

## ENGINE LOG

Lycoming  
IO-320-E2D  
S/N L-34428-27A

Change oil & filter. Drained oil replaced oil filter with new Champion CH48110-1 torqued and safetied. Cut inspected old / removed oil filter, no contaminants noted. Serviced with 7 qtrs. Phillips 20W-50 Victory AW oil. Lubed engine controls, Engine ground run & leak checked. Aircraft returned to service for work performed. END...

Signed: JAMES TODD  
Name: JAMES TODD

Cert: A&P 3826458IA  
Date: 01/03/2024

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE

TOTAL  
TIME  
IN  
SERVICE

TOTAL  
TIME  
SINCE  
OVERHAUL

TACH OR  
RECORDING  
METER  
TIME

DESCRIPTION OF WORK PERFORMED—  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

Page No. \_\_\_\_\_



AERO MECHANICAL LTD  
64 CITATION DR. DUTCHESS COUNTY AIRPORT  
WAPPINGERS FALLS NEW YORK 12590  
845-462-5600

Make: Cessna  
Model: 172M  
Tail: N12291  
S/N: 17261913

Hours: 5466.4 SMOH:775.6

## ENGINE LOG

Lycoming  
O-320-E2D  
S/N L34428-27A

Performed ANNUAL Inspection of Engine this date in accordance with Cessna 172/Lycoming Maintenance manual. Engine Compression as follows #174/80 #2 76/80 #3 72/80 #4 74/80. Removed spark plugs cleaned, gapped tested, rotated and reinstalled. No oil Change done at TACH:5460.3. Removed Carburetor In-let screen visually inspected, cleaned & reinstalled using new gasket P/N 16-A48. Checked LH/RH Magnetos. Degreased engine and cowl. All Routine Lubrication and Servicing Accomplished in accordance with Cessna 172/Lycoming Maintenance manual. Complied with all applicable ADs to date see AD list. Engine Ground Run and Leak Checked.

I certify that this ENGINE has been Inspected in accordance with ANNUAL Inspection and was determined to be in an Airworthy Condition. Aircraft returned to service for work performed. END...

Signed: JAMES TODD  
Name: JAMES TODD

Cert: 3826458IA  
Date: 03/20/2024



AERO MECHANICAL LTD  
64 CITATION DR.  
DUTCHESS COUNTY AIRPORT  
WAPPINGERS FALLS, NEW YORK 12590

Make: Cessna  
Model: 172M  
Tail: N12291  
S/N: 17261913

Hours: 5483.8

## ENGINE LOG

Lycoming  
IO-320-E2D  
S/N L-34428-27A

Change oil & filter. Drained oil replaced oil filter with new Champion CH48110-1 torqued and safetied. Cut inspected old / removed oil filter, no contaminants noted. Serviced with 7 qtrs. Phillips 20W-50 Victory AW oil. Lubed engine controls, Engine ground run & leak checked. Aircraft returned to service for work performed. END...

Signed: JAMES TODD  
Name: JAMES TODD

Cert: A&P3826458IA  
Date: 12/30/2024

SUB-TOTALS this page

TOTALS—Carry forward to next page



[illegible][illegible]