

# INSPECTION RECORD

F.A.R. 43.11 - 91.217

ELT 4/25

N7763W

| DATE    | AIRCRAFT TIME<br>IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|---------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 3/28/23 | 3271.75                     | TACH=3221.75                                                                                                                      |
|         |                             | PERFORMED ANNUAL INSPECTION PER HAI CHECKLIST FAW                                                                                 |
|         |                             | FAR 43, Appendix D. AD'S CHECKED THRU 2023-06.                                                                                    |
|         |                             | CHW ADS: 68-22-0222 Control WHEEL INSPECTION. DUE                                                                                 |
|         |                             | AGAIN @ 3371.75. 13-02-13 STABILATOR CABLES PER INSP.                                                                             |
|         |                             | DUE AGAIN @ 3/30 OR 5271.75. REPLACED ELT BATTERY.                                                                                |
|         |                             | DUE AGAIN @ 4/25. INSPECTED & TESTED ELT FAW                                                                                      |
|         |                             | FAR 91.207d. REPLACED WINGTIP STROBES & NAV LIGHTS                                                                                |
|         |                             | WITH NEW WHITEN OR 6501G & OR 6501R. REPLACED                                                                                     |
|         |                             | FUEL CAP GASKETS CA100815-000A. REPLACED BATTERY                                                                                  |
|         |                             | RG 35AXC S/N 41285913.                                                                                                            |
|         |                             | I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED                                                                                   |
|         |                             | IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND                                                                                 |
|         |                             | WAS DETERMINED TO BE IN AIRWORTHY CONDITION.                                                                                      |
|         |                             | SIGNED [REDACTED] CERT. # [REDACTED] TA                                                                                           |

HOWARD AIRCRAFT INC.  
[REDACTED]  
Martinsburg, WV 25405-2778



Page No.

| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 3/28/23 | 3271.75               | 124.25                    | 3271.75                      | <p>PERFORMED ANNUAL INSPECTION PER HAI CHECKLIST IAW FAR 43, APPENDIX D. AD'S CHECKED THRU 2023-06. CHANGED OIL &amp; FILTER. FILTER INSPECTED &amp; NO CONTAMINANTS FOUND. ADDED PHILLIPS 20W50XC OIL. SERVICED SPARK PLUGS. COMPRESSION RESULTS /80 PSI = ① 78 ② 78 ③ 78 ④ 76. ENGINE GROUND RUN &amp; LEAK CHECK SATISFACTORY.</p> <p>I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>SIGNED [REDACTED] CERT. # [REDACTED] <u>IA</u></p> |
|         |                       |                           |                              | <p>DATE <u>4-3-23</u> AC HRS <u>3273.0</u> N <u>T763W</u></p> <p>THIS <u>STRATUS</u> TRANSPONDER S/N <u>074566-074562</u> HAS BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH THE REQUIREMENTS OF FAR 91.413(PART 43 APP F).</p> <p>SIGNED [REDACTED]</p> <p>INSPECTOR<br/>BAY AVIONICS, LTD. HM1R197K</p>                                                                                                                                                                                                                                              |
|         |                       |                           |                              | SUB-TOTALS this page                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         |                       |                           |                              | TOTALS-Carry forward to next page                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |



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| 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 |
|---------|-----------------------|---------------------------|------------------------------|-----------------------------------------------------------------------------------------|
| 8-16-17 |                       | 0.0                       |                              | TOTALS brought forward from previous page                                               |

**Aero**  
**ENGINES**  
OF WINCHESTER, INC.

08-16-2017 Engine Model: O-360-A3A S/N: L-7148-36A TSMOH: 0.0 hrs Tach: 3147.5

Engine disassembled, cleaned, and inspected at this time for overhaul. All parts were Magnaflux, visually or zygo inspected. Installed Crankcase from Crankcase Services RS# H1HR0960; WO CSI-27246. Install new Camshaft P/N SL18840. Install new Tappet Bodies P/N SL72877. Install Connecting Rods P/N 74502. Install new Gasket Set P/N SL69371-1. Install new Crank Gear Bolt P/N SL-STD-2213. Install new Rod Bearings P/N SL13521AM03, and Main Bearings SL11020M03 and SL13884AM03. Install 4 new Lycoming Cylinder Assemblies P/N 05K21104; S/N's HC-03:03017X10, HC-06:02317X18, HC-01:24516J08 and HC-09:02317X11 with new valves, pistons, pins and rings. Install new Rocker Shafts P/N SL13790A. Install new Pushrod Shrouds SL11485. Install new Tempest Fuel Pump P/N AF-15472, S/N 0CK405. Install MA-4-5 Carb from Marvel-Schebler RS# V24R156B; P/N 10-4164-1, S/N MSE35207. Installed 2 Magnetos from Kelly Aerospace RS# 9KJR356C; P/N 4373, S/N F-03425 and P/N 4370, S/N F-05021. Install new Harness P/N KA14002. Install new UREM40E Plugs. Install Alternator from Aerotech RS# PU4R453M; P/N 4111810, S/N 7187. Install new Sky-Tec Starter P/N 149-NL, S/N FN-371607. Install new Ring Gear SL72566. Install following exhaust parts from Aerospace Welding; P/N's A62232-00, A35300-00, A62231-00 and A62230-00. The following AD's were complied with or previously complied with: C/W AD 2004-10-14 C1 by new crank gear bolt I/A/W SB 475, next due at prop strike or overhaul; AD 96-09-10 C/W, correct gears installed. AD's 97-15-11, 98-17-11, 02-12-07, 06-12-07, 07-04-19 R1, 09-26-12, 12-03-07, 12-19-01, 15-02-07, 17-16-11 not applicable. All work accomplished I/A/W Textron Lycoming overhaul manuals. Engine test run satisfactory.

**Aero**  
**ENGINES**  
OF WINCHESTER, INC.

8-22-2017 N7763W Piper PA28-180 LYC O-360-A3A TACH 3147.5 SMOH 0

Inspected aircraft engine in accordance with the scope and detail of CFR 43 App. D. Inspected all accessories. Checked mag to engine timing. Serviced engine with 8qts Phillips 20W50. Inspected propeller and dressed leading edge. Inspected all control travels. Installed all new hoses and lines. Ground run up op checks and leak checks good. All work accomplished in accordance with Piper service and Lycoming maintenance manuals.

I certify that this engine has been inspected in accordance with an 100HR INSPECTION and was determined to be in airworthy condition.

Nicholas Bousquet

TOTALS-Carry forward to next page



☐ HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

|                                                 |                       |                                                                   |
|-------------------------------------------------|-----------------------|-------------------------------------------------------------------|
| Year: <u>2013</u>                               | Total Time in Service | Description                                                       |
| Date: <u>5-13</u>                               | <u>UK</u>             | <u>checked O.K. This Date</u>                                     |
| Next Inspection Due: <u>5-14</u>                | Time Since Overhaul   |                                                                   |
| Mech. Cert. # or Repair Station # _____         |                       |                                                                   |
| Year: <u>2014</u>                               | Total Time in Service | Description                                                       |
| Date: <u>5-3</u>                                |                       | <u>C/W Annual Inspection Requirements of 14 CFR 43 Appendix D</u> |
| Next Inspection Due:                            | Time Since Overhaul   | <u>and found to be in Airworthy Condition.</u>                    |
| Mech. Cert. # or Repair Station # <u>AP/3A</u>  |                       |                                                                   |
| Year: <u>2016</u>                               | Total Time in Service | Description                                                       |
| Date: <u>10/24</u>                              | <u>3193.24</u>        | <u>I certify that this</u>                                        |
| Next Inspection Due:                            | Time Since Overhaul   | <u>has been inspected in accordance</u>                           |
| <u>with an 100HR inspection and</u>             |                       |                                                                   |
| <u>determined to be in Airworthy Condition.</u> |                       |                                                                   |
| Mech. Cert. # or Repair Station # _____         |                       |                                                                   |

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS ☐

|                                                                     |                       |                                                                              |
|---------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------|
| Year: <u>2019</u>                                                   | Total Time in Service | Description                                                                  |
| Date: <u>10/13</u>                                                  | <u>3220.4</u>         | <u>Completed an annual inspection IAW FAR 43 appendix d. Researched</u>      |
| Next Inspection Due:                                                | Time Since Overhaul   | <u>current applicable ADs. certify that this propeller was inspected IAW</u> |
| <u>on annual inspection and found to be in Airworthy Condition.</u> |                       |                                                                              |
| Mech. Cert. # or Repair Station # _____                             |                       |                                                                              |
| Year: <u>2021</u>                                                   | Total Time in Service | Description                                                                  |
| Date: <u>2/3</u>                                                    | <u>2804.73</u>        | <u>PERFORMED ANNUAL INSPECTION IAW FAR 43,</u>                               |
| Next Inspection Due: <u>TACH</u>                                    | Time Since Overhaul   | <u>Appendix D. SMOOTHED &amp; PAINTED BLADES</u>                             |
| <u>3251.73</u>                                                      |                       | I CERTIFY THAT THIS <u>Propeller</u> HAS BEEN INSPECTED                      |
|                                                                     |                       | IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND                            |
|                                                                     |                       | WAS DETERMINED TO BE IN AIRWORTHY CONDITION.                                 |
|                                                                     |                       | SIGNED: _____                                                                |
| Mech. Cert. # or Repair Station # _____                             |                       |                                                                              |
| Year: <u>2023</u>                                                   | Total Time in Service | Description                                                                  |
| Date: <u>3/29</u>                                                   | <u>2824.75</u>        | <u>PERFORMED ANNUAL INSPECTION IAW FAR 43, Appendix</u>                      |
| Next Inspection Due:                                                | Time Since Overhaul   | <u>D.</u>                                                                    |
| <u>TACH</u>                                                         |                       | I CERTIFY THAT THIS <u>Propeller</u> HAS BEEN INSPECTED                      |
| <u>3271.75</u>                                                      |                       | IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND                            |
|                                                                     |                       | WAS DETERMINED TO BE IN AIRWORTHY CONDITION.                                 |
|                                                                     |                       | SIGNED: _____                                                                |
| Mech. Cert. # or Repair Station # _____                             |                       |                                                                              |