

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER ROTAX MODEL 90

SERIAL 3956983 TYPE CERTIFICATE \_\_\_\_\_

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT KITFOX 815

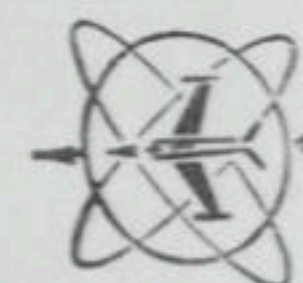
MINIMUM OCTANE FUEL 98 OIL GRADE SUMMER \_\_\_\_\_ WINTER \_\_\_\_\_

MAGNETO TIME \_\_\_\_\_ POINT SETTING \_\_\_\_\_ FIRING ORDER \_\_\_\_\_

SPARK PLUG GAP \_\_\_\_\_

MFG. RECOMMENDED OVERHAUL AT \_\_\_\_\_ HOURS.

The Standard



ENGINE

| DATE<br>19__ | RECORDING<br>TACH<br>TIME | TODAYS<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<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC EN |
|--------------|---------------------------|------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2015<br>8-24 |                           |                  |                             | Fuel Flow test 6.2 gall - min                                                                                                                                                                         |
| 2015<br>8-24 | 1.2                       |                  | 1.2                         | Engine Break-in                                                                                                                                                                                       |
| 2015<br>9-23 |                           |                  |                             | Gear Box Seal Replacement - leak                                                                                                                                                                      |
| 2020<br>5-16 |                           |                  |                             | Battery Replaced lead acid + lithium                                                                                                                                                                  |
| 2020<br>7-12 | .1                        |                  | 1.3                         | Gear Box Damper Replacement + Clutch                                                                                                                                                                  |
| 2020<br>7-14 |                           |                  |                             | Cowling mod for Radiator                                                                                                                                                                              |
| 2020<br>8-7  | .2                        |                  | 1.5                         | Spark Plug change Iridium                                                                                                                                                                             |
| 2020<br>8-10 | .3                        |                  | 1.8                         | Install and test Regulator Nois Filter                                                                                                                                                                |
| 2020<br>9-18 | .4                        |                  | 2.2                         | Prop Pitch adjustment with external Tach                                                                                                                                                              |
|              |                           |                  |                             |                                                                                                                                                                                                       |
|              |                           |                  |                             |                                                                                                                                                                                                       |

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|--------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2021         |                           |                  |                             |                                                                                                                                                                                                                 |
| 2021<br>5-17 |                           |                  |                             | Remove Lithium with Lead Acid - Fire Risk -                                                                                                                                                                     |
| 2021<br>6-26 |                           |                  |                             | Tail wheel spring replacement + Shock type                                                                                                                                                                      |
| 2021<br>7-1  |                           |                  |                             | Weight and Ballance                                                                                                                                                                                             |
| 2021<br>7-5  |                           |                  |                             | Taxi test ✓ Static sys/Air speed/handling                                                                                                                                                                       |
| 2021<br>8-4  | .5                        |                  | 2.7                         | Coolant system checks ✓ OK                                                                                                                                                                                      |
| 2021<br>8-25 | .5                        |                  | 3.2                         | Taxi Test - become airborne - climb pattern - land <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">unintended</span>                                                                   |
| 2023<br>7-23 | .6                        |                  | 3.8                         | Adjust Prop - Static run + check RPM                                                                                                                                                                            |
| 2023<br>8-1  |                           |                  |                             | Install Safety wire For Prop Bolts                                                                                                                                                                              |
|              |                           |                  |                             |                                                                                                                                                                                                                 |
|              |                           |                  |                             |                                                                                                                                                                                                                 |
|              |                           |                  |                             |                                                                                                                                                                                                                 |

| DATE<br>19 <u>90</u>       | RECORDING<br>TACH<br>TIME | TODAYS<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<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES) |
|----------------------------|---------------------------|------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>6/12</u>                |                           |                  |                             | Received Kit For E Engine                                                                                                                                                                                      |
| <u>2013</u><br><u>3-6</u>  |                           |                  |                             | Relocate Header Tank + Back of Seat                                                                                                                                                                            |
| <u>2013</u><br><u>8-23</u> |                           |                  |                             | Change engine mount to Mod 4                                                                                                                                                                                   |
| <u>2013</u><br><u>8-23</u> |                           |                  |                             | Engine Install model 90 ser 3956983                                                                                                                                                                            |
| <u>2013</u><br><u>9-12</u> |                           |                  |                             | Install Exhaust Wrap                                                                                                                                                                                           |
| <u>2014</u><br><u>2-28</u> |                           |                  |                             | Mount Volt Regulator                                                                                                                                                                                           |
| <u>2014</u><br><u>6-18</u> |                           |                  |                             | Work on Wiring and Plumbing                                                                                                                                                                                    |
| <u>2014</u><br><u>1-12</u> |                           |                  |                             | Engine install - Radio - Flight Inst                                                                                                                                                                           |
| <u>2015</u><br><u>4-21</u> |                           |                  |                             | Tail Wheel spring replace + Fiber Glass                                                                                                                                                                        |