

| Year: 2023 Date | HOBBS Time | 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. |
|-----------------------|-----------------------------|-----------------------------|---|
| 1/2/23 | 1692.2 1692.2 | 0 0 | INSTALLED NEW ROTAX 912 ULS ENGINE, SN 9-144-399. NO DYNON DISPLAY, SO DID NOT START ENGINE. <i>Robert J Jones Jr</i> |
| 1/3/23 | 1692.2 1692.2 | 0 0 | INSTALLED DYNON DISPLAY + AUTOPILOT PANEL. PERFORMED SE ROTAX SI-912-018 R2 WHICH INCLUDED PURGING THE OIL SYSTEM + INSPECTING THE HYDRAULIC TAPPETS FOR CORRECT PURGING. RAN ENGINE + HAD EXCESSIVE VIBRATION REMOVED PROPS + SWITCHED POSITIONS, VIBRATION WAS REMOVED TAKED AROUND FOR 1 HOUR + NO ISSUES WITH ENGINE. AFTER SHUTDOWN, INSPECTED ALL FOR FOR OIL LEAKS, NONE OBSERVED. NOTE - ALSO PERFORMED A ROUGH CARB SYAC + ENGINE RAN SMOOTHLY. ROBERT J JONES JR <i>Robert J Jones Jr</i> |
| 1/7/23 | 1698.0 | 1698.0 | ENGINE OPERATION NORMAL. HOWEVER, LEFT CHT RUNNING HIGHER THAN RIGHT CHT, BUT WITHIN TOLERANCE. RTS, <i>Robert J Jones Jr</i> |
| 1/7/23 | | | LATE ENTRY. SEE AIRCRAFT LOG FOR CARB SYAC ON 1/3/23. |
| 1/23/23 | 1715.3 | | OIL CHANGE + FILTER CHANGE AT FIRST 25 HOURS, ADDED NEW -3 PINTS AEROSHELL SPORT 4 AND ROTAX 825-016 FILTER. MAGNET PLUG CLEAN, TORQUED MAGNET PLUG TO .18 FT LBS. NEXT OIL CHANGE DUE 50 HRS ROBERT J JONES JR <i>Robert J Jones Jr</i> |
| 4/5/23 | 1785.0 | 1 | REPAIRED CHT PROBE IN BOTH #2 + #4. OPERATION NORMAL. ROBERT J JONES <i>Robert J Jones</i> |

| Year: Date | HOBBS Time | 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. |
|---------------|---------------|-----------------------------|--|
|---------------|---------------|-----------------------------|--|

THE PILOT'S HANGAR

HANGER 12
150 AIRPORT AVENUE EAST
VENICE, FLORIDA 34285
PHONE / (928) 395-3333
EMAIL / ANDRE@PILOTHANGER.COM



CERTIFIED FACTORY TECHNICIANS: ANDRE EL GHAWI - ABP/IA

Date: March 8th 2023
 Tail Number: N 199 CH
 Aircraft Make/Model: VANS / RV12
 Engine Make: ROTAX 912 ULS / 2
 Prop Make: Sensenich
 Serial Number: 120818
 Engine SN: 9144399
 Model: SN-2A0R5-F
 TTAF: 1750.5
 TTSN: 58.3
 SN: 44548

ENGINE Condition Inspection: **Noted New Engine (ROTAX 912ULS / 2) replaced on January 2nd 2023 @ 1692.2 Hobbs**

CW AIRCRAFT ENGINE MANUFACTURER ROTAX 912ULS LMM (05-20-00) Checklist.
 Drained oil / Removed Old filter / Cut open / inspected for contamination. No abnormal material found. Serviced with 3 liters of AEROSHELL SPORT +4. Air Filter: Removed / Cleaned and recharged with K&N Oil. Spark Plugs: Removed / Checked Heat signature / Re-gapped (0.023). Serviced with Thermal Paste Anti-seize W-P12-PN:897186 / Reinstalled & torqued to 20 Nm (COLD). Spark Plug Connectors: Inspected for cracks and performed Pull-Off force to 30Nm. Test check satisfactory. Exhaust Springs: Inspected all exhaust Springs for security and safety. / Checked existing PERMATEx HIGH TEMP RTV to dampen vibration frequency and checked security assembly in place. Checked vacuum on both Carbs to verify Pneumatic Synchronization to satisfactory level. Performed Propeller Torque Friction Test (30°) rotation force: Measured & Noted 490 in/lbs. Cylinder Compression: Performed % (PSI) Leak Down (COLD) Compression: Results: #1: 87/87 - #2: 86/87 - #3: 87/87 - #4: 86.5/87. Ran engine and performed a leak check. No leaks detected and Ops check OK. Discrepancies: None found at this time.

I certify that this engine has been inspected on March 8th 2023, IAW Rotax Maintenance Manual and the full scope and details of CRF 43 Appendix D and found to be in condition for safe operation at this time.

ANDRE EL GHAWI 3906573 A&P / IRMT:

| | | | |
|----------|--------|--------|--|
| 04/15/23 | 1806.9 | | OIL & FILTER CHANGE, ADDED 3 QTS AEROSHELL OIL SPORT 4, ROTAX 825-016 FILTER CLEAN MAGNET PULB, NO METAL DEBRIS, TORQUED TO 18 ft/lbs, NO ENGINE LEAK AFTER RUN NEXT OIL CHANGE DUE 1856.9, TOOK SAMPLE TO SEND TO BLACKSTONE PP 2710508 REPLACE 2 SAFETY WIRES ON Scott's EXHAUST SPRINGS |
| 04/25/23 | 1808.7 | | MOVED TO AIRCRAFT SECTION REPLACED ALL BRASS PINS LEFT + RIGHT. REPERCUSS MULTIPL BLENDS ON LEFT SIDE PROPELLER BRASS BORED TO IAW MATCH MANUAL. REPLACED LUBES AND RIGHT TUBES & TUBES, S.O.X.S. (G.P.A.S.S.) WOOD WATER & SET TORQUE TO 18 FT.LBS. |
| 4/29/23 | 1818.7 | 1818.7 | COMPLIANT WITH SB-00064, INSTALLED 2 SPRINGS ON #1 EXHAUST P.P.B. PIPE IS CLEAR OF THE COVER. ROBERT J JONES ON FILE |