



Aircraft Maintenance Solutions, LLC · 1098 Airport Rd · Luray, VA 22835 · 540-860-5256

N898GS
HOBBS: 946.9

ROTAX, 912ULS SERIES, S/N: 5650317
TTSN: 946.9

February 07, 2024

1. Performed compression test. Compression as follows cyl. 1 78/80, cyl. 2 74/80, cyl. 3 76/80, cyl. 4 78/80.
2. Replaced carb attach rubber and seals between intake manifold and carb rubber per 5yr replacement recommendation. Installed (2) P/N MS29513-032 - O-Ring, Installed (2) P/N 267 789 - Carb attach rubbers.
3. Replace intake crossover tube rubbers.
4. Replaced all oil lines and replaced all fire sleeves on oil lines. Purged air from oil in accordance with rotax SI-912-018R2. Installed (5) P/N 900591B-2C - Clamp.
5. Replaced all fuel lines and fire sleeves on fuel lines. Installed (8) P/N 900591B-2C - Clamp.
6. Replaced all coolant hoses and radiator hoses. Refilled coolant with prestone dex-cool coolant 50/50 mix.
7. Replaced coolant expansion bottle chafe guard. Installed P/N 860 829 - Expansion bottle chafe guard.
8. Cleaned radiator and oil cooler and preformed an engine wash.



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9. Replaced all exhaust nuts and replaced exhaust stud on Cyl. 3 and 2.
10. Replaced muffler and tailpipe. Installed P/N 973674 - Muffler.
11. Added protective boot to positive lead on starter. Installed P/N MS25171-3S - Terminal.
12. Replaced all ignition module shock mounts.
13. Replaced oil tank vent line.
14. Resealed crankcase oil drain/return. Retorqued and safetied drain.
15. Replaced fuel pump and seals per rotax 5 year replacement requirement.
16. Sent out carburetors for 5 year overhaul to lockwood aviation. Reinstalled carburetors with all new seals. see lockwood repair entry. Performed mechanical and pneumatic carburetor synchronization.
17. Replaced all spark plugs with rotax P/N 297656. Installed (8) P/N 297656 - Spark Plug.

Engine ran for ops and leak check all checks good. Engine ran up to operating temp and checked coolant.

I certify this engine has been inspected in accordance with Rotax annual condition inspection and found to be airworthy.

Jesse Zirkle A&P 4806906



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N898GS CANADIAN LIGHT ACFT SALES & SVC, BUSHCADDY LSA, S/N: February 07, 2024
BCLSA(B)145

ACTT: 946.9 HOBBS: 946.9 TTSN: 946.9

1. Replaced tail wheel bearings. Installed P/N MSC1623DCTN bearings.
2. Complied with Matco service bulletin vertical axle preload enhancement. Installed kit P/N WHLT8CSK.
3. Replaced LH/RH brake linings. Installed P/N WHLBRL-1 - Brake Kit.
4. Tightened RH brake caliper line.
5. Replaced main gear bungees P/N 1380.
6. Added washer to RH outer aileron control rod attach bolt for spacing from aileron control horn.
7. Removed cross braces on LH/RH Wings. Added anti-chafe tape. Reinstalled cross braces.
8. Replaced missing nut on LH wing root panel.
9. Replaced co-pilot door hinge pins.
10. Replaced RH wing fuel tank quick drain. Installed P/N CAV-110 - Drain Valve.
11. Replaced rubber connector on RH main fuel line by rear cabin bulkhead.
12. Secured fuel sight gauge lines with hose clamps.



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13. Tightened loose fitting at fuel line tee by co-pilots seat.
14. Replaced fuel selector. Installed weatherhead fuel selector P/N 6749.
15. Replaced RH fuel tank fuel type placard.
16. Re-safetied turnbuckles on aileron cables.
17. Found crack in rudder spar at lower hinge. Repaired rudder spar by fabricating bracket and doubler out of .032 2024 t3 aluminum and secured with AD rivets and pop rivets.
18. Replaced missing screw on ELT plug.
19. Replaced both cabin door and window lift struts.
20. Repaired fabric on RH main gear.

I certify this aircraft has been inspected in accordance with an annual condition inspection and found to be airworthy.

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Inspected blades, hub, bulkhead and spinner. Retorqued prop pitch adjustment bolts to manufactures spec.

I certify this propeller has been inspected in accordance with an annual condition inspection and found to be airworthy.

Jesse Zirkle A&P 4806906

A handwritten signature in black ink that reads 'Jesse Zirkle'. The signature is written in a cursive, flowing style.