



Romanair WDR Inc. [REDACTED]

Winder, GA 30680

N310DC

Hobbs: 2012.9

Continental, IO-520-M, S/N: 270509-R
R ENG TSO: 975.4 R ENG TTIS: 2723.8**April 11, 2022**

1. Annual/100 Hour Inspection complied with per Manufactures Maintenance Manual, Approved Checklist, and FAA Title 14 CFR Part 43 Appendix D.
 - Performed pre-inspection ground performance test of systems, recorded engine parameters.
 - Inspected LH engine and lubricated controls.
 - Inspected RH engine and lubricated controls.
 - Performed post-inspection ground performance run and function test of all systems and recorded engine parameters.
2. Challenger reusable oil filters P/N PMA CP-48108C removed and installed disposable spin on Champion P/N CH48109-1. Serviced engine with 12 qts of Aeroshell 100 mineral oil. Performance and leak check satisfactory.
3. AD 2014-05-29 (Superior Cylinders) c/w by replacement of SAP cylinders on the LH & RH engines per para (i). Installed new TCM cylinder assemblies, P/N 658810A4BP.
S/N LH 1) AC21HB578, 2) AC21FA290, 3) AC21EC015, 4) AC21FA248, 5) AC21IA227, 6) AC21AA011
RH 1) AC21FA334, 2) AC21HB430, 3) AC21HB508, 4) AC21IA116, 5) AC21HB235, 6) AC21HB549.
4. Spark plugs cleaned, gapped, tested and rotated.
5. 500 Hour Magneto inspection c/w installed inspected magneto M/N: 6309 S/N: I-12488 LH position.
M/N: 6313 S/N: 97030004/I-12489 RH Position. Set engine timing to 22° BTDC.



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6. Fuel Injector Nozzles cleaned. Performance and leak check satisfactory.
7. RPM and Fuel Flow adjusted per procedure in Continental M-0 MM Section 6-4.10.2.1 and section 6-4.10.2.2.

Annual/100 Hour Inspection complied with per Manufactures Maintenance Manual, Approved Checklist, and FAA Title 14 CFR Part 43 Appendix D. I Certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition this date.

This Engine is approved for return to service with respect to stated work performed in accordance with Title 14 CFR Part 43.13. Details of work performed are on file with Romanair WDR Inc. under work order: WO_204.

Matt Barnard A&P/IA [REDACTED] 