

AIRFRAME

Date: 05/02/2024 Hobbs: 1417.6 Heater Hobbs: 324.7
Reg: N143MG ACTT: 4588.0
Model: C-310K S/N: 310K0134

EMENT)

- Performed an **annual inspection** in accordance with FAR 43 Appendix D:
 - 1) Inspected and tested ELT in accordance with FAR 91.207(d)-no defects noted. **Next ELT inspection due: May 2025. Next ELT battery replacement due: September 2024.**
 - 2) Verified uAvionix (tailbeacon) service bulletin UAV-1004407-002 Rev B Software upgrade to ADS-B 1.5.1 was previously complied with.
 - 3) Removed and replaced left and right vacuum relief filters with 2ea new, p/n RA-B3-5-1.
 - 4) Removed and replaced the instrument air filter with new, p/n RAD9-14-5.
 - 5) Removed and replaced right and left induction air filters with a new Brackett filter elements, p/n BA-2305.
 - 6) Removed and replaced left main landing gear brake disc with a new disc (FAA PMA Approved) p/n APS164-01406. In accordance with instruction with in Cleveland Wheels and Brakes installation drawing 50-68. Removed and replaced 6ea brake linings with new Rapco (FAA PMA Approved) p/n RA066-03300. Removed wheel bearings, cleaned, inspected, lubed with Mobil 28 grease, then reinstalled.
 - 7) Removed and replaced right main landing gear brake disc with a new (FAA PMA Approved) p/n APS164-01406. In accordance with instruction with in Cleveland Wheels and Brakes installation drawing 50-68. Removed and replaced 6ea brake linings with new Rapco (FAA PMA Approved) p/n RA066-03300. Removed wheel bearings, cleaned, inspected, lubed with Mobil 28 grease, then reinstalled.
 - 8) Verified brake system reservoir is full with MIL-H-5606 hydraulic fluid.
 - 9) Removed nose landing gear drag brace link p/n 0842107-2, removed bearings, stripped paint and primer, and sent out for NDT inspection. **See SCRN (St. Louis Component Repair & NDT, LLC.) FAA Form 8130-3 dated April 24, 2024 with Work Order number 14025 for details of work performed.** Primed and painted white to match aircraft. Reinstalled 2ea bearings. Reinstalled on aircraft using new bolts, washers, and nuts.
 - 10) Removed and replaced bulkhead p/n 0813022-7 from nose section left hand lower STA. 27.25 with a serviceable use p/n 0813022-7 using new rivets and hardware. Bulkhead was cleaned with Alumiprep #33 cleaner, treated with Alodine 1201 conditioner and painted with primer before installation.
 - 11) Complied with **AD 96-12-22, (effective dated July 31, 1996)**, by inspection of the oil filter adapters in accordance with paragraph (b). No evidence of oil leakage, misalignment, or torque putty cracks noted. **Next inspection is due at the next oil filter removal or at ACTT 4688.0.**
 - 12) Complied with **AD 2004-25-16R1 (Effective date 06-20-2005)**-Heater Fuel Regulator Shutoff Valve visual inspection. Performed ops check. No defects at this time. **Next due at ACTT: 4688.0 or May 2025.**
 - 13) Complied with **AD 2016-17-08 (effective date Sept 12, 2016)** complied with Para. (f)(2) by conducting a general visual inspections of the elevator trim push-pull rod attachment hardware on the elevator trim actuator and the trim tab end of the push-pull rod following steps of "compliance note:" in Textron Aviation, Inc. (Cessna) Multi-engine Service Bulletin No. MEB-27-02, dated February 29, 2016. **Next general visual inspection due at ACTT: 4698.0 or May 2025 whichever occurs first per Para. (f) (2). If hardware is removed (for any reason) replace with new Per Para. (f) (3).**
 - 14) Performed operations and leak checks for work performed. No leaks or defects at this time.
- I certify that this aircraft has been inspected in accordance with an **annual inspection** and was determined to be in airworthy condition.

Jason D Moellinger
A&P

N143MG

Mueller Avionics, Inc. CRS # QYVRO44J

Part # 101420-01205 2.4379

ALT	ERROR	ALT	ERROR
FT		FT	
-1000	-20	16000	-40
0	-10	18000	-50
500	-10	20000	-30
1000	-20	22000	
1500	-20	25000	
2000	-10	30000	
3000	-20	35000	
4000	-10	40000	
6000	-20	45000	
8000	-30	50000	
10000	-30	Hys 50%	
12000	-30	Hys 40%	
14000	-40		

Date 5/2/24

Model # GTR320A Serial # 83800005
Aircraft N 143MG Date: Sept 20 2024
Transponder system tested in accordance with part 43, Appendix "F" & Appendix "E" for compliance with FAR 91.413.
Signature: [Redacted] Work Order # 12456
MUELLER AVIONICS, INC. CRS # QYVRO44J

Model # 101420-01205 Serial # 24379
Aircraft N 143MG Date: Sept 20 2024
Altimeter, Altitude Reporter & Static System tested in accordance with Part 43, Appendix "E" for compliance with FAR 91.411
Altimeter Tested to 10K ft Work Order # 12456
Signature: [Redacted]
MUELLER AVIONICS, INC. CRS # QYVRO44J