

RAM AIRCRAFT
The Engine Specialist
FOR CESSNA, BEECHCRAFT, & CIRRUS AIRCRAFT



AIRFRAME MAINTENANCE RECORDS

Registration No.

N3VA

#6

Serial No.

414-00258

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Reliable Aircraft Maintenance LLC
(405) 306-3494

Registration:	N3VA	Model:	414	Date:	6-3-2020
S/N:	414-0258	TTAF:		Hobbs:	2525.7
Engine Model:	Cont. TSIO-520-N CNB	Engine Serial:	509537	TTSMO:	

Installed exchange engine drive fuel pump on RH engine. Exchange unit P/N 646210-11 S/N B11LA857R from Aircraft Accessories of Oklahoma. Performed Porta-Test SID 97-3G to set up proper fuel flows. During engine runs, engine would stumble. Strainer was clean but much debris was found in the fuel lines and in the RH selector valve. Removed debris and ran engine w/ porta-test, and ops check good. Ran without test box and set all idle/mixture as needed. Normal operation for the engine and no leaks noted. The maintenance described above, has been accomplished in accordance with current Federal Aviation Regulations and is approved for Return to Service.

Brian Butler

A&P IA 266513



Reliable Aircraft Maintenance LLC
(405) 306-3494

Registration:	N3VA	Model:	414	Date:	8-24-2020
S/N:	414-0258	TTAF:		Hobbs:	

-Installed new pilot side evaporator 2-speed fan assembly. Ran system and found to be in normal operating condition. The maintenance described above, has been accomplished in accordance with current Federal Aviation Regulations and is approved for Return to Service.

Will Garrison

A&P 3133462



Reliable Aircraft Maintenance LLC
(405) 306-3494

Registration:	N3VA	Model:	414	Date:	8-31-2020
S/N:	414-0258	TTAF:		Hobbs:	2586.4

- Replaced the fuel pressure limiter (PN R-642100 Ser No 82820) on LH engine. Ran aircraft engines and found to be in normal operating condition. The maintenance described has been accomplished in accordance with current Federal Aviation Regulations and is approved for Return to Service.

Brian Butler

A&P IA 2665413

TOTALS—Carry forward to next page



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Registration:	N3VA	Model:	414	Date:	9-23-2020
S/N:	414-0258	TTAF:		Hobbs:	

- Removed and disassembled both main wheels, clean/inspected as needed and installed new tires (AB3M6 6.5x10) and tubes. Serviced main tires as required. No leaks noted.
- Replaced all brake liners (RA066-06600) and brake shims (RA068-02800)
- Installed overhauled condenser fan motor (PN M4861H-1A Ser No. 1750) from Aircraft Heating and Electrical, Inc. WO 18642/3VA for the AC unit. Serviced system as needed, ran system and found to be in normal operating condition.
The maintenance described has been accomplished in accordance with current Federal Aviation Regulations and is approved for Return to Service.

Brian Butler

A&P IA 2665413



Reliable Aircraft Maintenance LLC
(405) 306-3494

Registration:	N3VA	Model:	414	Date:	10-22-2020
S/N:	414-0258	TTAF:	5696.3	Hobbs/Tach:	2633.7

Complied with an Annual Inspection in reference to the manufactures service manual and required checklist. Checked all the flight controls for freedom of movement and security. Checked the cable tensions and lubricated all pivot points. Removed all the wheel assemblies, cleaned all wheel bearings, inspected, and packed with new grease. Serviced all tire pressures and installed the complete assembly. Checked the brake linings for serviceable wear and fluid leaks. Checked all internal and external lights, checked the stall warning and pitot heat for normal operation. Checked the ELT IAW FAR 91.207(d). Battery next due Aug 2021.
- Replaced LH and RH MLG door stops (PN 1241015-7). Adjusted stops as needed.
- Replaced LH and RH nose baggage door seals (PN R581496)
- Repaired fiberglass eroding issues and painted to match. LH horizontal, RH inboard wing, engine cowlings.
- Sheet metal repair skin on lower empennage as needed
- Replaced fuel sending gasket on RH nacelle tank (PN FCA25750)
- Repaired many pulled/working rivets on LH lower wing skin.
- Oxygen bottle was due hydro. Removed and replaced after hydro was completed by Aerospace Turbine Rotables, Inc. (WO 161579). Found cracked servicing line, replaced oxygen (PN S1721-12). No leaks noted after repairs. Oxygen bottle next due hydro 10/2025.
- Replaced LH and RH nav light bulbs (PN WL-A-7512-24)
- R&R LH strobe assembly with serviceable as removed unit from Dobson Aviation.
- Repaired LH deice boot line with same material.

I certify that the maintenance described has been accomplished in accordance with Annual inspection and was found to be in an Airworthy condition.

Brian Butler

A&P IA 266513