



Airframe Maintenance Entry N2693B September 3, 2015
Cessna 414A S/N: 414A-0422 Hour: 2255.0 TTAC: 4550.4

Maintenance Actions

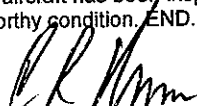
- 1) Performed 100 hr/annual inspection/maintenance using guidance from Cessna 414A Maintenance Manual Inspection Checklist.
- 2) Performed operational check of ELT in accordance with 14 CFR 91.207(d). Battery replacement due Dec. 2016.
- 3) Performed Differential Compression Check. Results as follows: Right engine: 1) 62/80, 2) 76/80, 3) 70/80, 4) 64/80, 5) 78/80, 6) 73/80. Left engine: 1) 72/80, 2) 78/80, 3) 61/80, 4) 65/80, 5) 72/80, 6) 64/80.
- 4) Removed both left and right engine oil filters and inspected. No metal noted. Installed new CH48108-1 filters and saftied. Serviced sumps with 11 qts each Phillips X/C 20W50.
- 5) Inspected and cleaned both left and right fuel screens at fuel servos.
- 6) Removed, cleaned and reinstalled both left and right air/oil separator filters.
- 7) Repaired left engine lower inboard cowling by fabricating and installing a 2024T3 .025 aluminum doubler.
- 8) Repaired right engine outboard lower cowling by fabricating and installing a 2024T3 .025 aluminum doubler.
- 9) Installed new set screws in copilot seat adjustment.
- 10) Removed oxygen bottle for DOT hydrostat test. Reinstalled and serviced after hydrostatic test by Bacon Equipment Company, Dallas, TX.
- 11) Installed new central instrument filter pn C2935010-0301. Next due 2755.0.
- 12) Removed aileron trim push/pull rod and rigged aileron trim. Reinstalled rod. Installed new cabin door rear support cable pn 49-75 (Cessna pn 71540-8).
- 13) Installed new pilot push to talk switch.
- 14) Replaced aft support cable on entrance door P/N: 49-75. (Cessna P/N: 71540-618)

Work accomplished by: Charles R. Hopper, David C. Entrekin, and Richard G. Sheridan.

Airworthiness Directives:

- 1) **Heater Decay Test, AD 2004-21-05, Amndt. 39-13826**, next due @ heater hour 599.9 or September 2016, whichever comes first.
- 2) **Complied with AD 2000-01-16, Amndt. 39-11514**, exhaust system inspection, by visual inspection of exhaust system as per Compliance Table (b). No defects noted. Next due @ hour meter 2355.0 or 30 days whichever comes later. Compliance table (c), tail pipe removal. No defects noted. Next due @ September 2016. Compliance Table (d), engine beams. No defects noted. Next due @ hour meter 2702.1. Compliance Table (e), pressure test of exhaust. No defects noted. Next due @ September 2016. Compliance Table (f) N/A multi-segment band clamps not installed.
- 3) **AD 2004-25-16R1**, fuel regulator shutoff valve, due @ hour meter 2355.0 or September 2016, whichever comes first.
- 4) **AD 84-26-02**, replacement of induction air filters. Next due @ hour meter 2584.9 HM
- 5) **AD95-09-13**, fuel inlet float valve test due @ hour meter 2534.2
- 6) **AD 2005-12-13**, wing spar cap, due @ 15,000 hours TTAF
- 7) **AD 97-26-16**, engine mount beams due @ 10,706.7 TTLE and 12914.6 TTRE

Performed Annual Inspection in accordance with 14 CFR 43 App D. Performed ground run and operational checks. No defects noted at this time.
This aircraft has been inspected in accordance with an **ANNUAL INSPECTION** and was determined to be in an airworthy condition. END.


Charles R. Hopper
AP/IA 3564582



Right Engine Maintenance Entry N2693B September 3, 2015
TCM TSIO-520-NB S/N: 519677 Hour: 2255.0 TTE: 3728.9 TSO: 1235.8

Maintenance Actions

- 1) Performed Differential Compression Check. Results as follows: 1) 6280, 2) 76/80, 3) 70/80, 4) 64/80, 5) 78/80, 6) 73/80.
- 2) Removed oil filter and inspected. No metal noted. Installed new CH48108-1 filter and saftied. Serviced sump with 11 qts Phillips 20W50XC.
- 3) Inspected and cleaned servo fuel screen and reinstalled with a new gasket.
- 4) Removed, cleaned and reinstalled the air/oil separator.
- 5) Cleaned gapped and rotated the spark plugs. Replaced six plugs, pn URHB32E.
- 6) Adjusted magneto to engine timing.
- 7) Cleaned fuel nozzles and reinstalled using new o-rings and gaskets.
- 8) Washed engine, ground ran and leak checked, no leaks or defects noted.

Work accomplished by: Charles R. Hopper, David C. Entrekin, and Richard G. Sheridan.

This engine has been inspected in conjunction with an **ANNUAL INSPECTION** and was determined to be in an airworthy condition. END.

Charles R. Hopper
AP/IA 3564582




Left Engine Maintenance Entry **N2693B** **September 3, 2015**
TCM TSIO-520-NB **S/N: 290765-R** **Hour: 2255.0** **TTE: 2640.1** **TSO: 1235.8**

Maintenance Actions

- 1) Performed Differential Compression Check. Results as follows: 1) 72/80, 2) 78/80, 3) 61/80, 4) 65/80, 5) 72/80, 6) 64/80.
- 2) Removed oil filter and inspected. No metal noted. Installed new CH48108-1 filter and saftied. Serviced sump with 11 qts Phillips 20W50XC.
- 3) Inspected and cleaned servo fuel screen and reinstalled with a new gasket.
- 4) Removed, cleaned and reinstalled the air/oil separator.
- 5) Cleaned gapped and rotated the spark plugs. Replaced two spark plugs, pn URHB32E.
- 6) Adjusted magneto to engine timing.
- 7) Cleaned fuel nozzles and reinstalled using new o-rings and gaskets.
- 8) Washed engine, ground ran and leak checked, no leaks or defects noted.

Work accomplished by: Charles R. Hopper, David C. Entrekim, , and Richard G. Sheridan.
This engine has been inspected in conjunction with an **ANNUAL INSPECTION** and was determined to be in an airworthy condition. END.


Charles R. Hopper
AP/IA 3564582

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358 


Right Propeller Maintenance Entry **N2693B** **September 3, 2015**
McCauley 3AF32C515 **S/N: 002760** **Hour: 2255.0** **PTT: 1135.3**

Maintenance Actions

This propeller has been inspected in conjunction with an annual inspection and is approved for return to service.



Charles R. Hopper
AP/IA 3564582

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358 

Left Propeller Maintenance Entry **N2693B** **September 3, 2015**
McCauley 3AF32C515 **S/N: 991957** **Hour: 2255.0** **PTT: 1235.8**

Maintenance Actions

This propeller has been inspected in conjunction with an annual inspection and is approved for return to service.



Charles R. Hopper
AP/IA 3564582