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INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

FOR STC SA5090NM COVERING CESSNA 337 SERIES MODELS

The following recommended maintenance should be performed in conjunction with Cessna's maintenance procedures.

1) Pre-flight check:

- a) Visually check entire auxiliary fuel system for leaks.
- b) Drain fuel sample from auxiliary tanks and check for contamination.
- c) Visually check wing to auxiliary tanks mounting hardware.
- d) Inspect auxiliary tanks for damage such as impact or abrasion.
- e) Turn aircraft power on and verify gauges are reading correctly.
- f) Visually check fuel cap o-rings for signs of wear or damage and replace as necessary.

2) Periodic maintenance (100 hour check), all of the above plus:

- a) Ensure all placards are in place per installation drawings.
- b) Clean and inspect auxiliary tank fuel pump screen. Replace as necessary.
- c) Check auxiliary tank fuel pump mounting hardware to ensure torque is between 50 and 70 inch pounds.
- d) Check fuel line mounts and connections for tightness.
- e) Inspect all auxiliary fuel tank system electrical connections for chaffing and correct mounting.
- f) Inspect auxiliary fuel tank navigation and strobe lights for correct operation, proper sealing, signs of chaffing on wire and secure connection (see installation drawings for sealing information).
- g) Torque auxiliary tank mounting bolts to between 10 and 12 inch pounds.
- h) Test and confirm proper operation of auxiliary tank fuel indicators and transfer pumps.

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