

## NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

### 8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Type Certificate - A-759    Aircraft Serial Number - 499    Registration Number - N8240C    Model - 7CCM

1. Removed the following Aeronca engine exhaust system.

- 1 each - Left exhaust - Part Number 7-485
- 1 each - Right exhaust - Part Number 7-486
- 2 each - Heat box - Part Number 3-479
- 2 each - Heat box - Part Number 3-476

Total weight of the removed parts is 5.6 lbs.

2. Installed the following Cessna 150 engine exhaust system parts.

- 2 each - Shroud Assembly - Part Number 0450335-3
- 4 each - Stack assembly - Part Number 0450338-14
- 4 each - Clamp assembly - Part Number 0550176-50
- 1 each - Muffler weld assembly(left) - Part Number 0450400-3
- 1 each - Muffler weld assembly(right) - Part Number 0450400-4
- 2 each - Clamp half - Part Number 0450338-9
- 2 each - Clamp half - Part Number 0450338-10
- 1 each - tailpipe assembly(left) - Part Number 0450338-67
- 1 each - tailpipe assembly(right) - Part Number 0450338-66

Total weight of installed parts is 9.4 lbs.

3. Removed Aeronca cabin heat valve Part Number 3-503 and installed Aeronca cabin heat valve Part Number 4-972. Weight change is negligible for the cabin heat valve alteration.

4. Net weight change for this alteration is +2.8 lbs with an arm of (-40.0 inches). The previous Weight and Balance dated April 28, 1996 showed an empty weight of 804.5 lbs, with the CG at 18.4 inches aft of datum. The changes outlined above increase the empty weight to 807.3 lbs and move the empty weight CG to 18.2 inches aft of datum.

5. The preceding removals and installations were accomplished in accordance with AC 43.13-1b, Cessna's 150 Service Manual, and the Aeronca service manual. A new, updated weight and balance has been installed in the aircraft documents. A log book entry detailing this alteration has been entered in the permanent aircraft log book.

### INSTRUCTION FOR CONTINUED AIRWORTHINESS

Inspect and Maintain the engine exhaust system in accordance with AC 43.13-1b, The Cessna 150 Service Manual, and all current and future Airworthiness Directives pertaining to Cessna 150 exhaust systems.

\*\*\*\*\* End Report \*\*\*\*\*

Additional Sheets Are Attached