

November 12, 1963

STINSON SERVICE INFORMATION LETTER NO. 74A

Installation of Franklin 6A4-165-B3 165HP Engine and Rudder Bungee on Stinson 108 and 108-1 airplanes.

The following information is applicable to such a change:

1. The original aircraft fuselage and engine mount for Models 108, 108-1, 108-2 and 108-3 are structurally satisfactory for this installation.
2. Models 108 and 108-1 will require installation of revised fuel system as shown in Stinson Drawing 108-6222100. This includes increasing fuel line and fittings to $\frac{1}{2}$ inch.
3. The original center of gravity range, gross weight and airspeed limits are retained.
4. Model 108 and 108-1 will required installation of rudder bungee in accordance with Drawing 108-3042450.
5. Cowling and baffles as shown in Drawing 108-6021401 and 108-6221201 are required for the 165 HP engine.
6. Propellers as listed in Specifications A-767 as eligible for the Model 108-2 are satisfactory for use on the modified aircraft.
7. Installation of this engine may be made on the basis of this letter by the local A & P mechanic with the usual FAA 337 form. The Flight Manual Revision, supplied with kit, should be placed in the aircraft.
8. Re-mark tachometer to red line at 2800 RPM, cylinder heat to 530°F for Spark plug type thermocouple - 445°F for Bayonet type thermocouple.
9. This installation is eligible on the land plane, sea plane, and ski plane version.

Robert M. Williams
STINSON SERVICE DEPARTMENT

FAA APPROVED

DATE

Rocco Ripper
Nov. 18, 1963