

SERVICE

LETTER

Stinson Division
Consolidated Vultee Aircraft Corporation
Wayne, Michigan

TO: Distributors, Direct Factory Dealers
and Distributor's Dealers

LETTER NO: 64

TITLE: Mixture Controls - Leaning Out for
Improved Performance and Economy

PAGE 1 of 1

DATE: September 5, 1947

Gentlemen:

This Service Information Letter is being addressed to you in the interest of providing added pleasure and economy of operation with your Stinson Voyager and Flying Station Wagon. The following is our recommended procedure:

1. For take-off, climb and landing always use FULL RICH MIXTURE.
2. When in cruise altitude at level flight (at any altitude) use mixture control to lean carburetor fuel and air mixture to obtain maximum range.
3. Lean mixture by pulling control knob pilot-wise until a peak in RPM is passed, then push control knob panel-wise only as far as is required to restore maximum RPM.
4. If no increase in RPM is experienced, in the leaning out process, pull mixture control knob pilot-wise until a decrease in RPM is indicated, then push mixture control knob panel-wise only as far as is required to restore normal cruise RPM.

We have found the above procedure provides the best performance in our own flight tests and sincerely believe that observance of proper mixture control will materially decrease fuel consumption.

Yours very truly,

STINSON DIVISION
Consolidated Vultee Aircraft Corporation

George Martin
Service Manager

GM:LJA