

SILVAIRE AIRCRAFT COMPANY
FORT COLLINS, COLORADO
November 13, 1959

SERVICE BULLETIN #4

We have received reports of failure of the exhaust system on all Silvaire (Luscombe) models. We recommend the following preventative and corrective measures.

- I. Inspect the entire engine exhaust system, giving particular attention to the heat exchangers in accordance with the following schedule:
 - A. Between 0 and 100 hours of time in service on the components, inspect every 25 hours.
 - B. Between 100 and 200 hours of service on the components, inspect every 50 hours.
 - C. After 200 of time in service on the components, inspect every 100 hours.
- II. The inspections shall be conducted in the following manner:
 - A. Remove propeller.
 - B. Remove screws connecting the cowling to the fuselage, then remove cowl.
 - C. Remove the flex tubes connected to the carburetor heat and cabin heat exchanges. Remove the heat exchangers by removing the screws which connect the two halves of the exchanger.
 - D. Inspect the exhausts for leaks.
- III. If any component is found to be defective, i.e. if any leaks are found, the component shall either be repaired or replaced with a corresponding component bearing the serial number for that particular aircraft. If at any time a component is replaced, it shall be considered at zero time, and is therefore subject to the inspection schedule outlined in item I.

- IV. Upon receiving this bulletin, the appropriate inspection period should be determined from item I, and the initial inspection to be accomplished not later than twenty-five flight hours after the date of this bulletin.

- V. If at any time during the flight the occupants should smell exhaust gases or feel symptoms indicating the presence of carbon monoxide (drowsiness, sluggishness, headache, etc.) the occupants should:
 - A. Open all fresh air vents and windows.
 - B. Close cabin heat vents.
 - C. Land the airplane at the first opportunity and have a qualified person perform the inspection as outlines in Item II.`