

International

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**Service Letter No. SL-AG-22**  
**27 November, 1962**

## **ELEVATOR TRIM TAB RIB REPLACEMENT**

**APPLICABILITY:** All S-2A aircraft, S/N 1003 through 1136

There have been reports of cracking of the inboard rib of the elevator trim tab in the area where the tab control horn attaches. It is advised that this area be inspected immediately and thereafter at each 100 hour inspection until this service letter is incorporated. A heavier gage rib and a revised control horn are available and can be installed in place of the original rib and horn.

THE SERVICE KIT IS FAA APPROVED.

### **INSTALLATION INSTRUCTIONS:**

1. Remove the original inboard tab rib by drilling out seven 1/8" diameter blind rivets which hold it to the tab skin.
2. Insert the new rib control horn assembly such that the outside of the rib web is flush with the end of the tab skin as before. Make sure that the rib forward flange is inside of the tab skin and the flange of the control horn is outside of the tab skin.
3. Drill six number 30 holes in the rib top and bottom flanges from the existing skin holes and install six CR163-4-2 rivets (1/8" diameter Cherry or Huck). The two aft rivets (one top and one bottom) will require some maneuvering with the Cherry or Huck installation tool during their installation because of the limited clearance between rib flanges in the area.
4. The control horn forward flange has two .098 diameter pilot holes in it. Drill these holes out to number 30 and at the same time, drill on through the trim tab skin and rib forward flange. Install two CR163-4-4 rivets in these holes.

Engineering Department