

# Rockwell service letter No. SL-AG-30

## International

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**Service Letter No. SL-AG-30**  
**October 15, 1963**

### RUDDER CABLE WEAR

**APPLICABILITY:** ALL S-2 Aircraft, Serial Numbers 1005 thru 1162

There have been some cases reported of excessive rudder cable wear in all S-2 aircraft at the point where the cable passes through a fairlead just forward of the rudder. This Service Letter covers the installation of a pulley to replace the fairlead. It is recommended that an immediate inspection of the rudder cable be conducted and thereafter every 50 hours until this fix is incorporated. The cable should be flexed by hand at the point of contact with the fairlead to check for broken strands.

### PULLEY INSTALLATION INSTRUCTIONS

1. Remove the tube holding the fairleads from the fuselage structure, being careful not to damage the tubular members that the tube is attached to.
2. For alignment purposes, attach the pulley to the pulley attach bracket and position the bracket on the structure as shown on the enclosed drawing. A pair of vise-grip pliers will be helpful for holding.
3. Use the drawing dimensions to locate the pulley bracket and use the rudder cable to check alignment. Be sure the cable is pulled tight enough to eliminate sagging. The pulley guard should be facing the centerline of the aircraft.
4. Weld the bracket to the fuselage tube and repeat the process for the other pulley.
5. After priming and painting, attach the pulley to the bracket with an AN4-34A bolt, AN365-428 nut.

### SERVICE KIT #30 PARTS LIST

<u>DESCRIPTION</u>	<u>PART NO.</u>	<u>NO. REQUIRED</u>
Pulley Bracket Assembly	5-1090-1	2
Pulley	AN210-3B	2
Bolt	AN4-34A	2
Nut	AN365-428	2