

Rockwell service letter

No. SL-AG-44

International

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Service Letter No. SL-AG-44
July 18, 1966

RUDDER CONTROL CABLE FRAYING

APPLICABILITY: ALL S-2C, S-2D Aircraft, Serial Number 1163 through 1370.

There have been several reports of rudder control cable fraying at the pulleys at the fuselage side near where the cables pass through the fuselage skin and at the fairleads on the aft skin of the cockpit enclosure. This condition has been reported after as little as 200-300 hours of operation. It is suggested that an immediate inspection be made to check the full run of the cable for fraying, with further checks every 100 hours.

If fraying exists at the pulley, check the alignment of the pulley relative to the cable. If misalignment is severe, it is suggested that the pulley be relocated. This can be accomplished by removing the pulley and its attaching hardware, grinding the pulley guard assembly off the fuselage tube and replacing it with a new assembly.

Rework Instructions (If Necessary)

1. If the pulley is misaligned, order Service Kit #44.
2. Remove the pulley and its attaching hardware.
3. Grind bushing-guard assembly off fuselage tube, taking care no to grind away any of the tube wall.
4. Replace the pulley, bolt, nut and washer in a new guard assembly and clamp to the frame tube, being sure that the plane of the pulley matches that of the cable.
5. Weld in position.
6. Repeat on opposite side, if required.

SERVICE KIT # 44 PARTS LIST

<u>DESCRIPTION</u>	<u>P/N</u>	<u>NO. REQ'D FOR A/C</u>
Guard Assy. – Pulley	10212	2