

Rockwell service letter No. SL-AG-1

International

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Service Letter No. SL-AG-1
March 1, 1960

CABLE CONTROL INSPECTION

S-2A Service Letter #1

An inspection of several S-2's with two to three hundred hours has shown an unusual amount of wear on some of the control cables at points where the cables pass through the fairleads. In some instances the cables were worn slick at these points and by bending the cables sharply by hand at the worn places quite a few strands were found to be broken.

To preclude the possibility of control system failure in flight, it is suggested that all owners make a thorough inspection of their control cables.

INSPECTION DETAILS:

Rudder Control System:

Station #1 – Fairleads approx. 12" aft of the rudder pedals.

Station #2 – Fairleads located on main wing spar.

Station #3 - Fairleads located just behind hopper.

Station #4 - Fairleads located just forward of tail wheel well

Total number of rudder control system fairleads: 8.

Aileron Control System:

Station #5 - Fairleads located on inboard gas tank side (This one is important and requires removal of lower wing gap cover).

Station #6 - Fairleads located about 90" outboard of the wing root and aft of the rear spar.

Total number of aileron control system fairleads: 8.

Also check the cables where it passes around the pulleys aft of the hopper and in front of the hopper.

Elevator Control System:

Station #9 - Fairleads located on left side of fuselage in aft section of fuselage.

Station #10 - Fairleads located on right side of fuselage in aft section of fuselage.

Total number of fairleads in elevator control system: 2.

When this inspection is completed, please fill in the enclosed form and send it to the factory for review.

A/C Serial Number _____ Total Flight Time _____ hrs.

CONTROL CABLE INSPECTION FORM

The cable at the following fairleads locations show the following condition: (check appropriate blank)

Location	No Wear	Slight Wear	Excessive Wear
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Station #1

Station #2

Station #3

Station #4

Station #5

Station #6

Station #7

Station #8

Station #9

Station #10

The cables at the pulley locations in the elevator system shows the following condition:

No wear

Slight wear

Excessive wear

The cable at the pulley locations in the aileron system shows the following conditions:

No wear

Slight wear

Excessive wear

Signed _____.