

Rockwell service letter

No. SL-AG-26

International

P.O. BOX 3090 ALBANY, GEORGIA 31706-3090 PHONE 229/883-1440 FAX 229/439-9790

Service Letter No. SL-AG-26
June 7, 1963

AILERON CONTROL STOP CABLES

APPLICABILITY: All S-2A Aircraft, Serial Number 1005 thru 1130

APPROVAL: FAA Designee Approved

There has been a report of aileron control jamming caused from interference between the aileron control stop cables and the seat tracks. To preclude the possibility of any further jamming, an aileron stop kit is available, which, when installed, eliminates the aileron stop cables. It is recommended that this kit be installed immediately.

INSTALLATION INSTRUCTIONS: (Refer to the accompanying sketches)

1. Do not remove the existing stop cables until after this installation is completed.
2. Remove the two existing AN4 bolts at (A).
3. Position the SK705-1 bracket as shown in the sketches and replace the bolts at (A) with the two AN4-10A bolts furnished.
4. Place the control stick in neutral and with the 3/16" aluminum spacer between the control horn and the SK705-1 bracket, clamp the legs of the bracket to the tube gusset (C.). Drill a 1/4" hole at each point (B) through the gusset and the bracket legs. Locate the holes so that there is plenty of edge distance (at least 3/8") on the gussets and the bracket legs. Install the two AN4-5A bolts furnished in these holes. Discard the 3/16" spacer.
5. Place the control stick in the full throw position in one direction such that all the slack is out of the existing stop cable. Select one of the SK705-5 stop block assemblies and tighten the lock nut with about 1/8" of the bolt grip showing on top of the lock nut. Position the block as shown in the sketch and mark the hole position (D). Make sure the centerline of the stop bolt is perpendicular to the control hole flange. Drill the two 1/4" holes at position (D) through the bracket leg and bolt the stop block in place with the two AN4-11A bolts furnished.

6. Repeat step five above with the control stick at full throw in the opposite direction.
7. Remove the existing aileron stop cables and the brackets which attach them to the control horn.

KIT #26 PARTS

<u>NO'S REQ'D</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	SK705-1	Bracket – aileron stop ass'y.
2	SK705-5	Stop block assembly (includes 2 bolts, 2 nuts)
2	AN4-10A	Bolt
2	AN4-5A	Bolt
4	AN4-11A	Bolt
8	AN365-428	Nut
8	AN960-416	Washer
1	3/16 x 1/2 x 2	Aluminum spacer