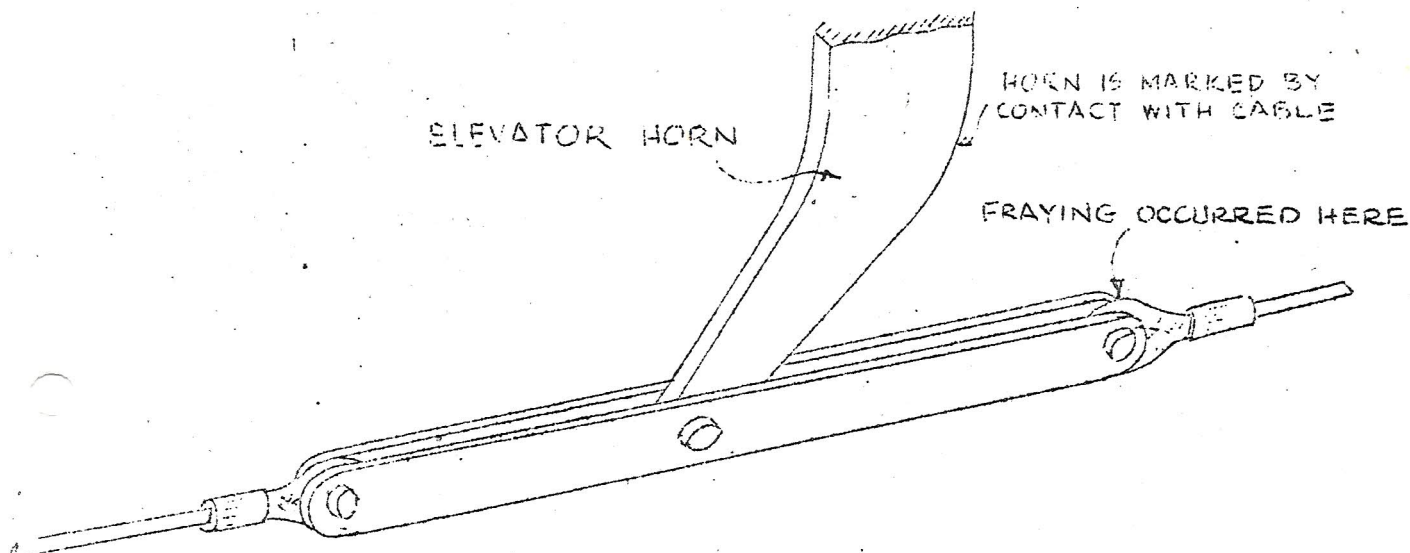


SLINGSBY SAILPLANES LTD. Kirbymoorside, York, England. 24.11.61.

Technical Instruction No. 9

Skylark 2. Damage to Elevator Cables

During the recent examination of a Skylark 2 elevator cable by an inspector fraying of the cable was discovered at the junction of the cable to the links attaching the elevator horn.



It was discovered that with the elevator in its fully down position, the elevator horn was in contact with the fraying part of the cable, thus inducing wear.

Remedy

By adjusting the elevator stop on the control column to give the minimum down movement (i.e. 175mm) no abrasive contact between the elevator horn and the cable occurred.

Recommended Action

It is not expected that instances of this trouble will arise on many aircraft. However, we think that inspection of this part of the cable should be carried out as soon as possible.

Inspection Procedure

(1) After rigging the tailplane examine the rear edge of the horn and the cable end through the hole in the rear fuselage decking.

With the elevator fully down check that the horn does not touch the cable end.

(2) If contact does occur, restrict the down movement of the elevator to 175mm

This will ensure no further interference with the cable.

(3) Replace the cable if it is at all damaged. If it is not damaged no further action need be taken.

(4) On completion of the inspection an entry should be made in the aircraft log book giving the result of the inspection and the date.

Circulation

All Skylark 2 owners. B. G. A. 100 copies.