

Slingsby Sailplanes Ltd., Kirbymoorside, York, England.

28th May, 1958.

Technical Instruction No.5.

Skylark 2 & 3. Special Instruction of Aileron Mass Balance Weights.

We have recently been notified of an instance where the mass balance weight on a Skylark 2 became loose and interfered with the free movement of the aileron control. The instance occurred on an early production aircraft which had a mass balance covered by a fairing on the underside of the wing, the pilot was able to land the aircraft without further trouble.

It is not expected that trouble will arise on aircraft which have the balance weight contained within the profile of the wing but as a precaution a check inspection is called for on certain of the early aircraft with this type of balance.

Recommend Action.

It is recommended that the inspection instructions given below be applied as follows

Aircraft Works Numbers. 926,942,943,944,945,947,949.

Inspection to be carried out before further flying.

Aircraft Works Numbers. 948,949,963,964,995,996,997,998.

Inspection to be carried out as soon as convenient but not later than 1st July 1958.

Aircraft Numbers 999 and later.

Inspection to be carried out at next annual inspection.

Inspection Procedure.

1. Detach aileron horn and move aileron to extreme upward position.
2. Pull off sealing fabric in aileron shroud and over hole in spar for mass balance weight.
3. Remove wood screws locking aileron hinge pins, remove pins and remove aileron.  
Examine attachment of mass balance weight to arm and arm to aileron spar. If excessive movement is noticed in the attachment of the weight to the arm the assembly should be removed from the aileron and returned to the manufacturers for servicing.
5. When the attachments are considered satisfactory re-assemble aileron onto wing by inserting hinge pins, locking them with wood screws, and making good fabric seals.
6. On completion of the inspection a note should be made in the aircraft log book giving date and result of inspection.

Circulation.

All Skylark 2 owners.

B.G.A. 100 copies.