**SERVICE BULLETIN**

SB No.

42

Issue No.

1

TITLE

INSPECTION TO AILERON SUPPORT RIB OUTBOARD (RIB 8)

CLASSIFICATION

This Service Bulletin has been classified as mandatory by the U.K. C.A.A.

COMPLIANCE

Before next flight and at intervals not exceeding 150 flying hours.

APPLICABILITY:

All T67B, T67C, T67M, T67M MKII, T67M200, T67M260 aircraft.

INTRODUCTION:

There has been a reported case of excessive sideways movement of the aileron which when investigated led to the inspection of the outboard wing rib (Rib 8), whereupon small cracks were found below the aileron hinge fitting. (Ref. Fig. 1).

Slingsby Aviation are developing a Modification (Mod M510) which will be applicable to all T67 GRP aircraft which will entail a repair to the aileron support rib. Details of Mod M510 will be sent to all service bulletin addressees as soon as the modification is available. Incorporation of Mod M510 will discharge the requirements of this Service Bulletin; meanwhile the inspections below are required to be carried out as detailed below:

ACTION - FIRST INSPECTION

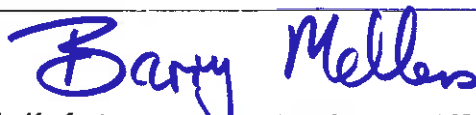
1. Remove small access plug at aileron outboard hinge (both wings). Carefully remove any loose paint from area below hinge plate. Clean both sides of rib.
2. Visually inspect for cracking. If there is no obvious sign of a crack use a strong light, eg torch, and shine on opposite side of rib from initial visual inspection. Any evidence of a crack will show up as a shadow. If in doubt apply a sideways force on to the rib at hinge point, any excessive movement of rib will indicate a crack.
3. If no cracking is found, see Action - Repeat Inspections.
4. If rib cracked, the aircraft must not be flown until Mod M510 is incorporated or an acceptable approved alternative repair scheme is carried out.
5. Report findings to SAL Customer Service Department.

ISSUED
8 JAN 1993

ACTION - REPEAT INSPECTIONS

At every 150 hours repeat inspection at 1. above. If cracks are found, carry out actions 4 & 5.

ISSUED BY:

for and on behalf of **SLINGSBY AVIATION LIMITED**
Kirkbymoorside, York YO6 6EZ England

Tel 0751 32474 Telex 57597

Date

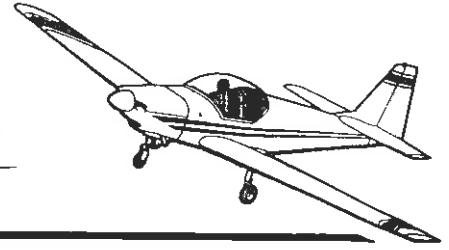
8th Jan 1993

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SERVICE BULLETIN

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CONTINUED

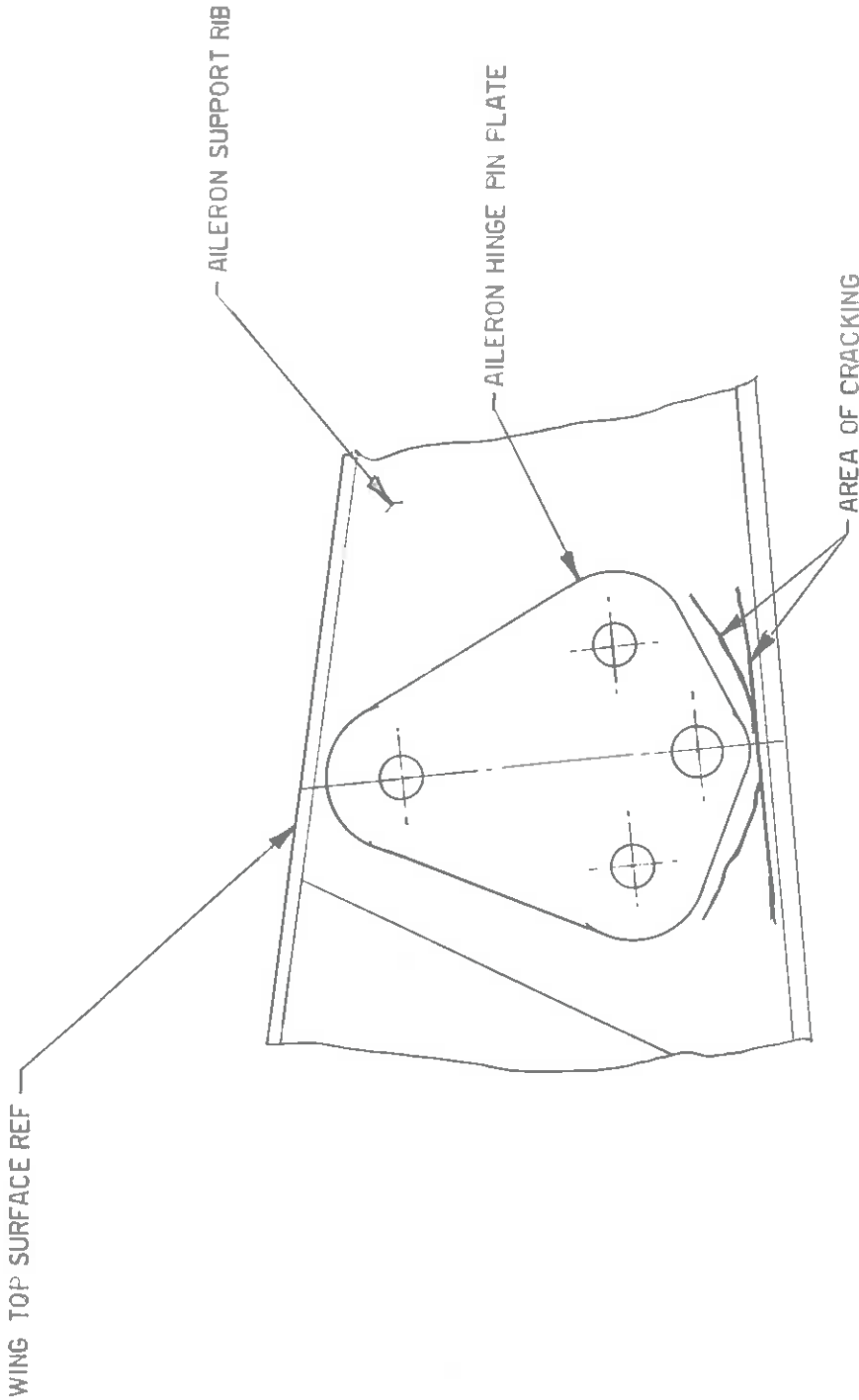


FIG.1
STBD DRN. PORT SIMILAR

Approved:

B Mellan

Date:

8th June 1993

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