

SERVICE BULLETIN

SB No.

033

Issue No.

2

TITLE

 SPECIAL INSPECTION OF RUDDER BAR PEDAL SUPPORT LUGS ON T67
 GRP SERIES AIRCRAFT

CLASSIFICATION

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

COMPLIANCE

 Within 10 flying hours of receipt of this S.B. and at
 intervals not exceeding 150 hrs and at each Annual
 Inspection, whichever occurs first.

1. APPLICABILITY

All T67 GRP series aircraft, except Works No. 1999: G-BKAM.

2. INTRODUCTION:

Two instances of the rudder bar pedal support lugs having broken off have occurred. The first case was considered to be caused by damage sustained during the manufacturing process. The second case, which occurred during taxiing manoeuvres, has led to an SAL investigation into all aspects of the lug design. Pending the results, the following inspection procedure must be carried out.

3. ACTION:

- (i) Remove the hexagon socket cap screw retaining each of the rudder pedals. Remove the rudder pedals.
- (ii) Remove the locking wire from the 2 (off) hexagon socket cap screws retaining the aft end of each rudder pedal support housing. See Fig. 1. Remove the screws.
- (iii) Lift the aft end of the rudder pedal support housings upwards out of the way - retain in this position.
- (iv) Remove the protective treatment from the area of the lug lower radii shown in Fig. 1.
- (v) Inspect the areas shown using a dye penetrant method to check for cracks.

ISSUED BY:



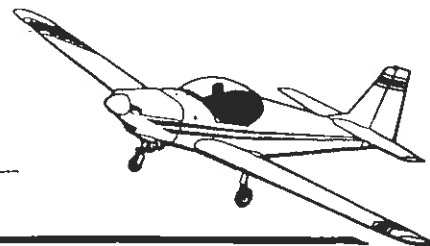

Date

 23 AUG 1989
 28th Aug 89

 for and on behalf of SLINGSBY AVIATION PLC
 Kirkbymoorside York YO6 6EZ England Tel 0751 32474 Tele. 57597

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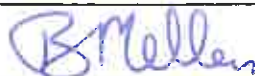
- (vi) If cracks are not found then restore to standard finish i.e. etch prime and spray 1 coat cellulose hammerite hammer grey, or equivalent, and reassemble as standard practice.
- (vii) If any cracks are found then the relevant rudder bar/s must be replaced by new items before next flight.

4. REPORTING

The results of all inspections carried out in accordance with S.B. 33 which reveal cracked lugs must be passed onto SAL in writing.

For further information, contact Slingsby Aviation Ltd, Product Support Department.

Approved:



Date:

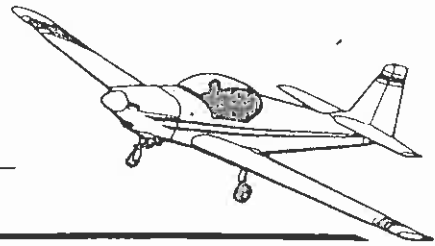
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CONTINUED

LIFT UP OUT OF THE WAY AFTER REMOVAL OF SCREWS

RUDDER PEDAL SUPPORT HOUSING

WIRELOCKING AND HEXAGON SOCKET CAP SCREW

WIRELOCKING AND HEXAGON SOCKET CAP SCREW

INSPECT AREAS BETWEEN THE ARROW HEADS

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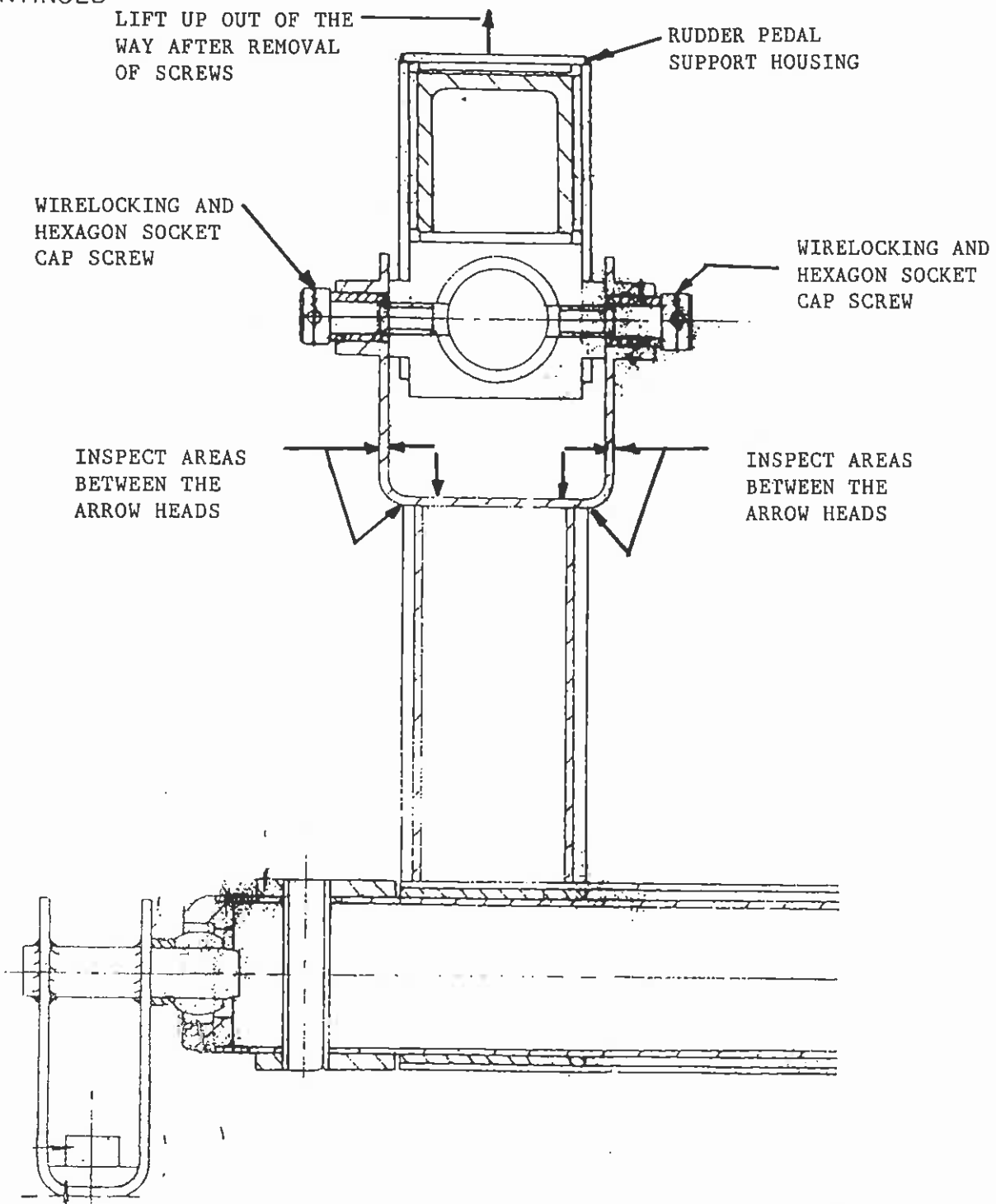


FIG 1: SECTION THROUGH PART OF RUDDER BAR ASSY. (TYP 4 POSNS)

Approved:

B. Miller

Date:

28th Aug 59

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