

# SERVICE BULLETIN

SB No.

78

Issue No.

1

**TITLE**
**INSPECTION OF RUDDER CABLES AND THEIR FAIRLEAD PULLEYS**
**CLASSIFICATION**
**Recommended**
**COMPLIANCE**

Within one month of date on this Bulletin or at next 50 hr inspection, then at all routine annual inspections or 500 hrs whichever comes first.

**APPLICABILITY:** T67C & T67M-MkII Aircraft (Post Mods M419 & M456), T67M260 & T67M260-T3A

**INTRODUCTION:**

Cases have been reported of frayed rudder cables. The fraying occurs at the fairlead pulleys at Frame 4 and Frame 11. The Frame 11 position appears to have a higher degree of fraying.

**ACTION**

1. Gain access to Frames 4 (through centre console) and 11 (via rear access panel).
2. Identify position of fairlead pulleys on rudder cables, withdraw sufficient cable to be able to examine the cable in the region of the pulleys. Remove the fairlead pulleys.
3. Inspect rudder cable at point of fairlead pulleys contact, by bending it back on itself. If there are any wires broken in these regions, replace cable. Away from the pulley it is permissible for up to 4 wires in the cable to be broken provided the wires are in a position not to foul any mechanism or structure. It is permissible for all 4 broken wires to be in a single strand.

If more than 4 wires are broken replace the cable.

4. Check fairlead pulleys, if grooves in the base of the fairlead pulley exceeds 0.020"/.5mm then the fairlead pulley should be replaced.
5. Reassemble into aircraft. Ensure when refitting a cable with 1-4 wires broken that it does not prevent correct rudder operation.

ISSUED BY:


**ISSUED**  
 28 MAR 1995

Date

27.3.95

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

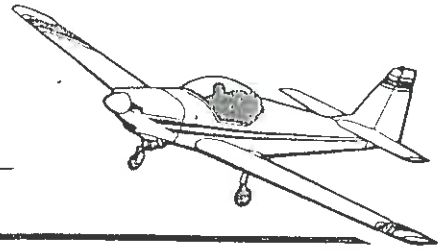
Tel 0751 43474 Telex 57597

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CONTINUED

6. If required, contact SAL Product Support for replacement rudder cable Part No. T67B-45-219 or fairlead pulley 126-26-801. (RHP Pt No. FL6418 <sup>9</sup> or Sarma Pt No. WP 19SP3 may be supplied).
7. Maintenance Manual will be expanded to include rudder cable and fairlead inspection and replacement criteria as in 3 and 4 above.

Approved:



Date. 27-3-95

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