

Service Bulletin

S.B. No: 183

Title: Inspection of Tailplane Aluminium Fittings for Exfoliation Corrosion

Compliance: End of November 2005.

Applicability: All T67A aircraft.

This Service Bulletin is the subject of an Airworthiness Directive.

INTRODUCTION:

A case has been reported of severe exfoliation corrosion of the two tailplane forward attachment fittings – Ref Figure 1A. The initial inspection of the part of the fittings visible from outside of the tailplane structure, revealed slight corrosion of one fitting only. However, when two holes were cut in the tailplane skins, in order to inspect the part of the fittings embedded in the tailplane structure, both fittings were found to be severely corroded.

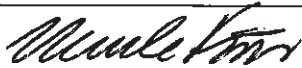
This Service Bulletin is a one-time inspection and rectification action which does not replace, or supersede, the requirements of Service Bulletin No. 127.

ACTION:

The accomplishment instructions for this service bulletin are contained in actions 1 through 8 below:

1. Remove the tailplane from the aircraft in accordance with the T67A Maintenance Manual.
2. Cut two apertures in the tailplane lower skin in accordance with the dimensions and positions detailed in Figure 1B and DOI T67A-196.
3. Inspect the edges of the 2 aluminium alloy fittings for signs of exfoliation corrosion – see Figure 1B. This is evident by a swelling of the fitting and may have been severe enough to crush the mating wooden blocks.
4. If any sign of corrosion is found, replace both fittings in accordance with DOI T67A – 196.
5. If there is no sign of corrosion, inspect the surrounding wood structure for integrity and if found acceptable, repair the apertures in accordance with DOI T67A – 196.
6. Inform SAL of the findings.
7. For Spare Parts and a copy of the Repair Instruction DOI T67A-196, please contact SAL Customer Services Manager.
8. Annotate logbook “Service Bulletin 183 Issue 1 complied with”

Note: Slingsby Aviation are offering to perform this work and if you would like to discuss this matter further, please contact Mr John Pool, Customer Services Manager, Tel: 01751 432474 Ext 205.

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| Approved by:  | | |
| For and on behalf of SLINGSBY AVIATION LIMITED | Date: 6/10/05 | Issue 1 |
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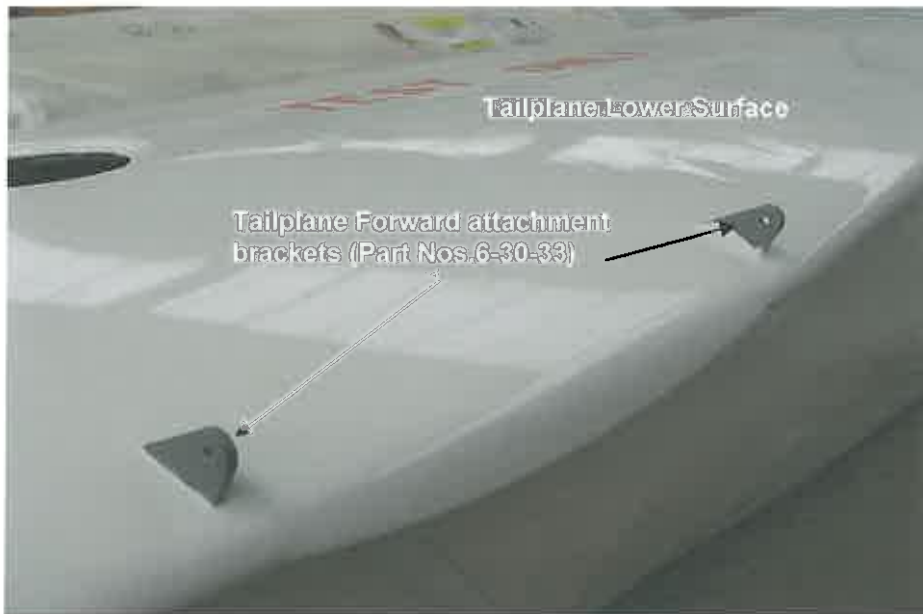


FIGURE 1A

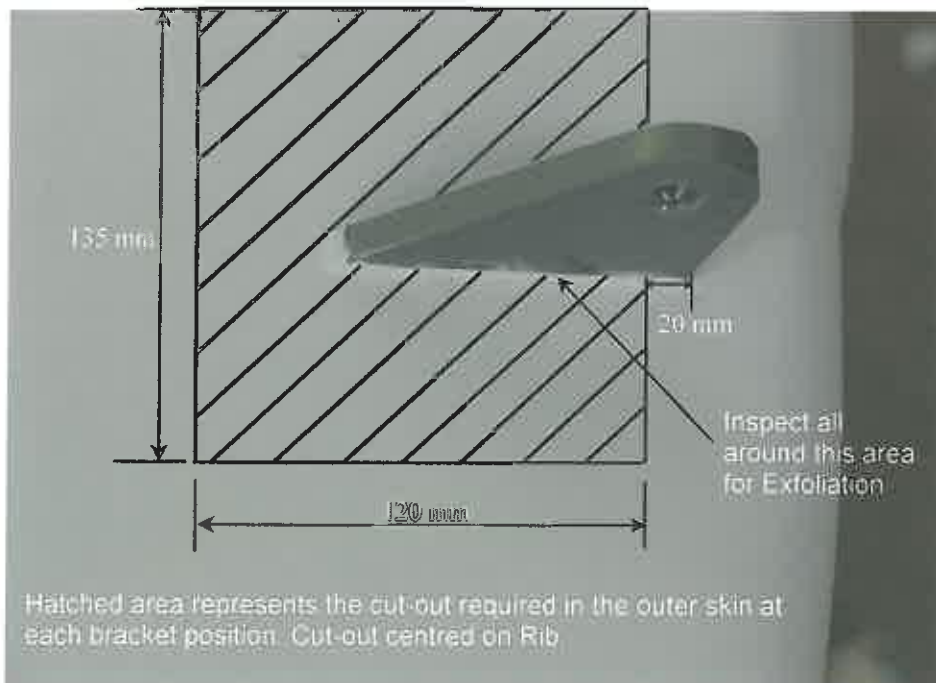


FIGURE 1B

FIGURE 1 TAILPLANE FORWARD FITTINGS