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# Service Bulletin

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**S.B. No: 179**

**Title:**               **INSPECTION OF TAILPLANE ATTACHMENT BRACKETS**

**Classification:**       This Service Bulletin has been classified by the CAA as Mandatory

**Compliance:**         Prior to next aerobatic flight or within next fifteen hours for non-aerobatic flight. This Service Bulletin must be complied with by the 20th December 2002, irrespective of hours flown.

**Applicability:**        T67A, T67B, T67C, T67M, T67M-MkII, T67M200, T67M260 and T67M260-T3A:  
All construction numbers except 2266 and subsequent.

**INTRODUCTION:**

Cases have been reported of cracked tailplane brackets. This Service Bulletin details inspection of the aft tailplane brackets in order to discover similar cracks.

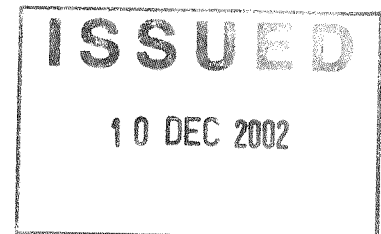
**ACTION:**

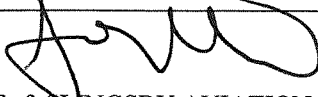
1.     Check master switch, ignition switch and fuel are OFF. Disconnect external power and hangar aircraft, if required.
2.     Gain access to aft tailplane mounting brackets and remove from tailplane Ref. Figure 1.

**NOTE:**

Pre Mod M520 aircraft Works Nos 1988 to 2108, 2111, 2112 have attachment brackets attached with loose stiffnuts. Post Mod M520 aircraft, Nos 2109, 2110, 2113 and subsequent have anchor nuts.

3.     Remove paint from bracket.
4.     Perform dye penetrant NDT crack detection on brackets and examine, paying particular attention to the region illustrated in Figure 1.
5.     Should any crack be discovered, all four brackets from the subject aircraft should be returned to SAL and replaced with new items.



Approved by:  For and on behalf of SLINGSBY AVIATION LIMITED	Date: 10 <sup>th</sup> Dec. 02.	Issue 1
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6. Irrespective of whether the brackets are cracked or not, inform SAL of the following:

Aircraft registration  
Total hours  
Whether the brackets are cracked or not  
Which brackets are cracked, eg port outboard, stbd inboard etc.

7. Annotate Log Book "SB 179 complied with".

For information or replacement parts, please contact SAL Spares Controller.

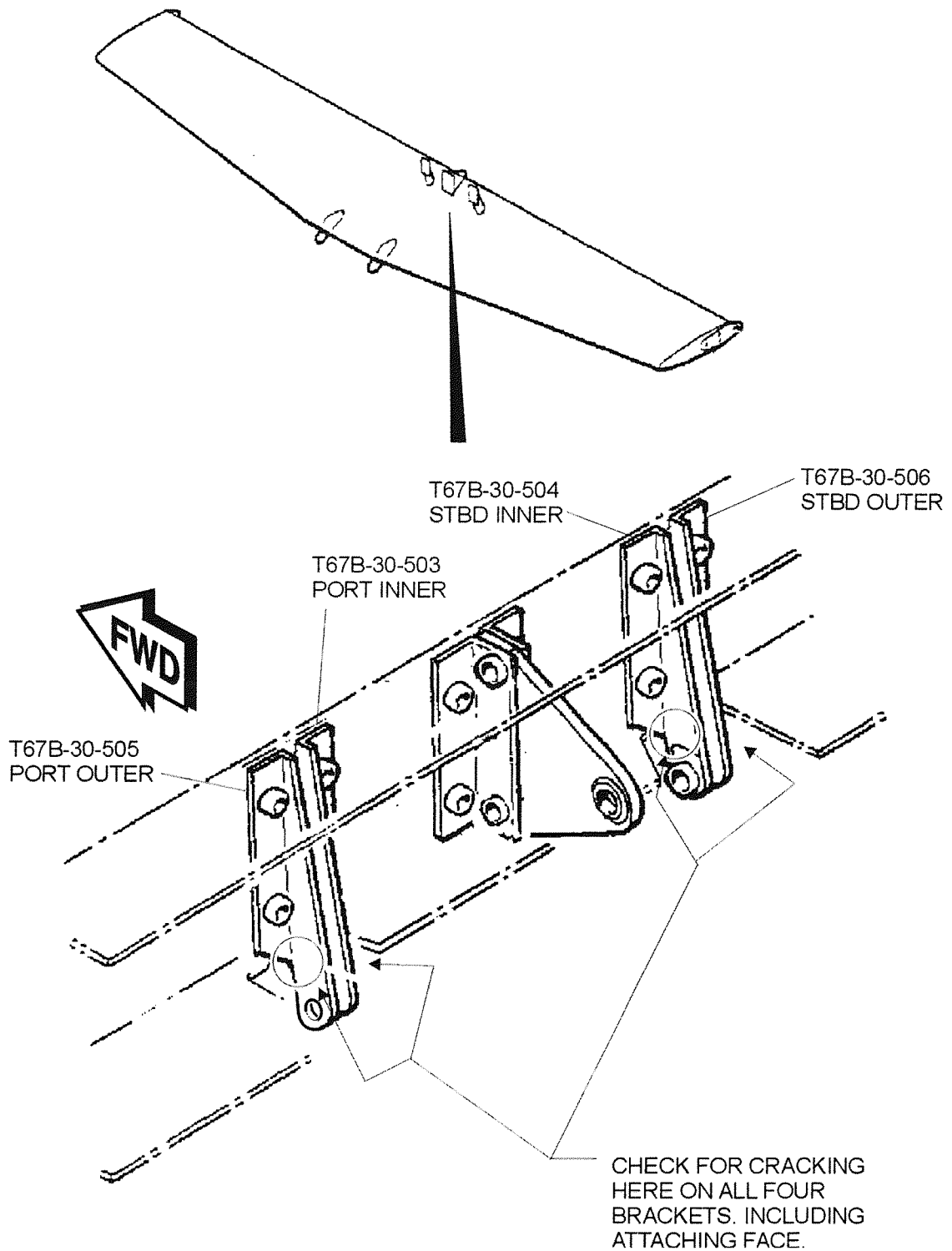


FIGURE 1