



# SERVICE BULLETIN

SB No. 49 Issue No. 1

TITLE

**RUDDER MECHANISM TO FUEL PIPE CLEARANCE CHECK**

CLASSIFICATION

This Service Bulletin has been classified as advisory

COMPLIANCE

Within 50 flying hours

**APPLICABILITY:**

T67 GRP Series (Post Mod M95 and M156)

**INTRODUCTION:**

Incidents have occurred whereby rudder pedal slider assemblies at full forward adjustment full deflection have damaged fuel lines. On investigation it has been found that the clearance is reduced as the rudder pedal mechanism wears.

**ACTION:**

1. Inspect at each rudder pedal position with pedal adjusted fully forward and full forward deflection, with and without brake applied, the clearance of rudder pedal slider assemblies to fuel line and for damage to the fuel line. Clearance should be a minimum of 8mm.
2. If clearance is less than 8mm check pedal assembly for correct movement, if necessary adjust in accordance with the relevant T67 Maintenance Manual.
3. If after 2. above a minimum of 8mm is still not achievable, check for wear in the rudder pedal mechanism.  
The wear will take the form of fwd and aft play caused by worn pivots and bushes and lateral play caused by worn slider mechanisms. The maximum allowable wear on the assembly is +/- 5mm's. Fwd and aft and +/- 5mm's lateral play measured at each pedal when fully extended. If the wear in the pedals exceeds this value the pedal assembly should be refurbished with new pivots and nylon sliders.
4. If the fuel pipe has been damaged, but is not leaking it must be replaced within 150 flying hours. If it is leaking the fuel pipe must be replaced before further flight.

ISSUED BY:

*R. Mellors*

**ISSUED**  
**16 AUG 1994**

Date 12/8/94

for and on behalf of **SLINGSBY AVIATION LIMITED**  
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