**SERVICE BULLETIN**

SB No.

92

Issue No.

1

**TITLE INSPECTION AND RECTIFICATION OF FUEL VENT AND HYDRAULIC RESERVOIR TUBE, PLUS VENT PIPE INLET RE-ORIENTATION****CLASSIFICATION****SAL have classified this Service Bulletin as Highly Recommended****COMPLIANCE At or before next 50 hr check****APPLICABILITY:**

T67M260-T3A. Works No. 2109. 2110, 2123 to 2128, 2130 to 2158, 2160 to 2233.

**INTRODUCTION:**

Cases have occurred where the fuel tank vent tubes have been found to be of a brittle nature, and the hydraulic fluid line between reservoir and the brake cylinders, soft and swollen causing leakage.

On further investigation it was found that the tube of the incorrect specification had been authorised, as an alternative. All stock of the incorrect specified material has now been withdrawn and the correct ester based polyurethane tube procured as a replacement, Ref. Slingsby Stock Code Number 126-36-002. During the course of this inspection, the opportunity is being taken to re-orientate the vent pipe inlets through 180° to prevent any possibility of draining the fuel during flight when the fuel tanks are full. This action invokes a modification, Mod M701.

**ACTION**

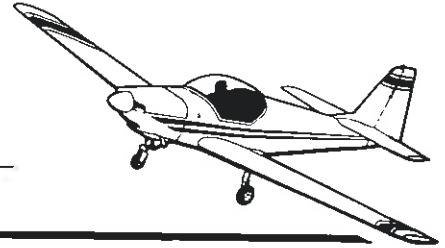
1. Inspect the fuel tank vent pipes below the centre section.
  - i) If the vent pipes are found to be stiff and hard, replace.
  - ii) If the vent pipes do not appear to have a yellow cast to them, replace.
  - iii) If in doubt, replace.
2. During inspection or during course of replacement, re-fit vent tubes with opening facing forward. Drill 2mm hole in aft face. Ref Fig. 1.

**ISSUED**  
**- 2 FEB 1996****ISSUED BY:**for and on behalf of **SLINGSBY AVIATION LIMITED**  
Kirkbymoorside York YO6 6EZ England

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Date 1 - 2 - 96

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CONTINUED

This action invokes modification M701. Annotate in aircraft logbook "Mod M701 incorporated".

3. Inspect the fluid line between the hydraulic brake reservoir and rudder pedal brake cylinders.
  - i) If the fluid lines are found to be swollen, especially at the clamp positions, replace. Note tube size if  $\frac{3}{8}$ " o/d x  $\frac{1}{4}$ " i/d.
  - ii) If the fluid lines are leaking at the clamp positions, replace.
  - iii) If the fluid lines feel soft when squeezed, replace.
  - iv) If the fluid lines do not appear to have a yellow cast, replace.
  - v) If in doubt, replace.

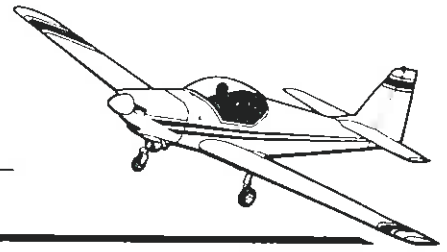
On completion of Actions 1 and 3, annotate in aircraft logbook "SB 92 complied with".

Approved:



Date: 1-2-96

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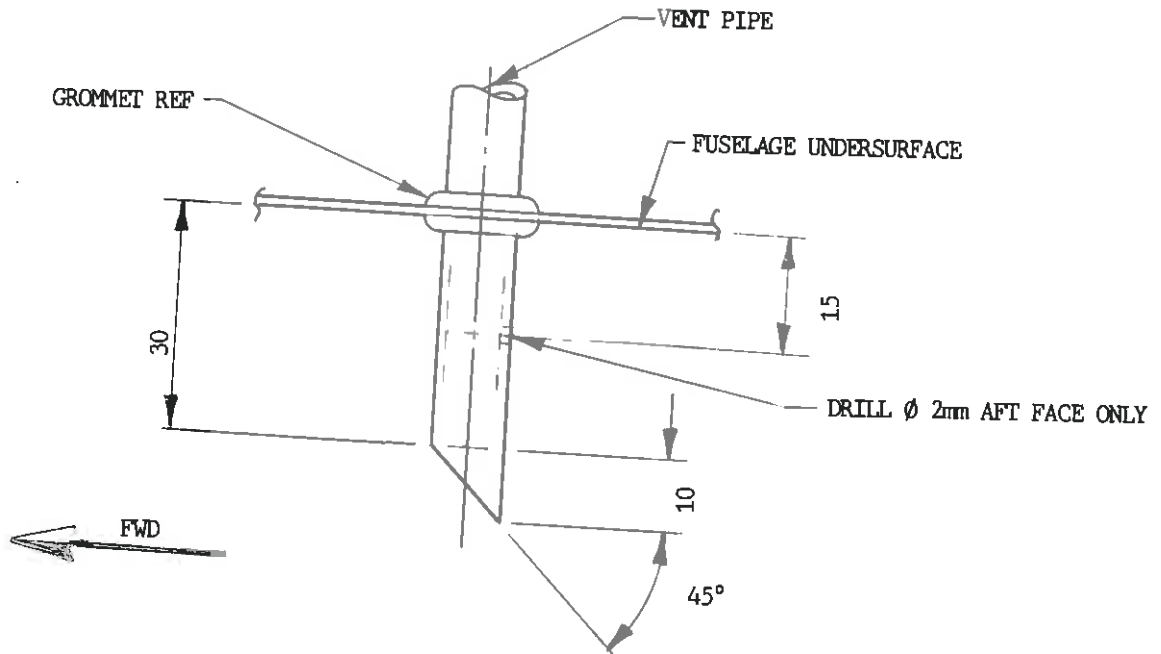


FIG 1  
WING FUEL TANK VENT (MOD M701)

Approved:

*B. Miller*

Date: 1-2-96.

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