

# SERVICE BULLETIN

SB No. 153 Issue No. 1

**TITLE** SAB UNDERCARRIAGE NOSEWHEEL FORK INSPECTION

**CLASSIFICATION**

This Service Bulletin has been classified by SAL as Recommended

**COMPLIANCE**

At next 150 flying hour check

**APPLICABILITY:**

Pre Mod M468 (Introduction of Fairey Undercarriage): T67B, T67C Series, T67M, T67M-MkII and T67M200.

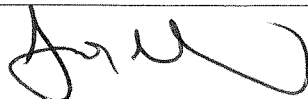
**INTRODUCTION:**

Cases have been reported of the space between the SAB nose undercarriage forks and the wheel axle being sufficiently wide to cause the forks to bend inwards when tight and ultimately cause the axle nut to loosen. This SB requires a one time inspection to determine the width of the gap and fitting of corrective spacers if applicable.

**ACTION:**

1. Check master switch, ignition switch and fuel are off. Disconnect external power and hangar aircraft, as applicable.
2. Jack or hoist aircraft to bring nosewheel clear of ground with oleo pneumatic strut fully extended
3. Place a suitable trestle support under bottom centre of fuselage 12 inches behind firewall.
4. Remove wheel stiffnut, withdraw axle bolt from axle fork and remove wheel assembly.
5. Leave wheel assembly together and clean outer surfaces of axle spacers and inner surfaces of nosewheel forks.
6. Determine by measurement at axle centreline, the following dimensions, ref Fig. 1.
  - a. Measurement A: The distance between the inner faces of the nosewheel forks. Fork ideally should be parallel.
  - b. Measurement B: The dimension between the axle spacer outer faces when wheel assembly is pushed together, as on aircraft.

ISSUED BY:

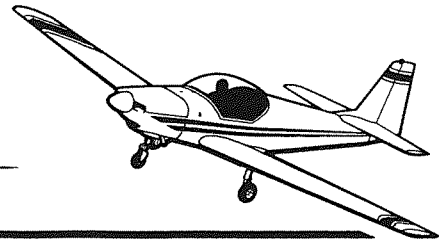


Date 24 SEP 1998

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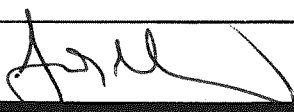
SAB UNDERCARRIAGE NOSEWHEEL FORK INSPECTION

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7.
  - i. If the difference between the two dimensions is less than 1.5mm, then no further action need be taken.
  - ii. If the difference between the two dimensions is 1.5mm to 4.0mm, then Mod M832 is to be incorporated.
  - iii. If the gap is more than 4.0mm, then new fork is to be procured.
8. Annotate Logbook "SB 153" complied with".

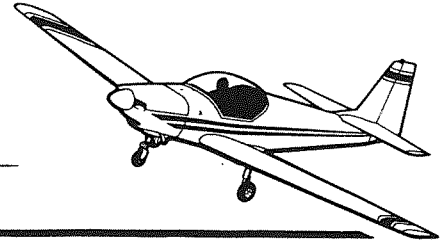
For Mod Bulletin or replacement part, contact SAL Product Support Department.

Approved:



Date:

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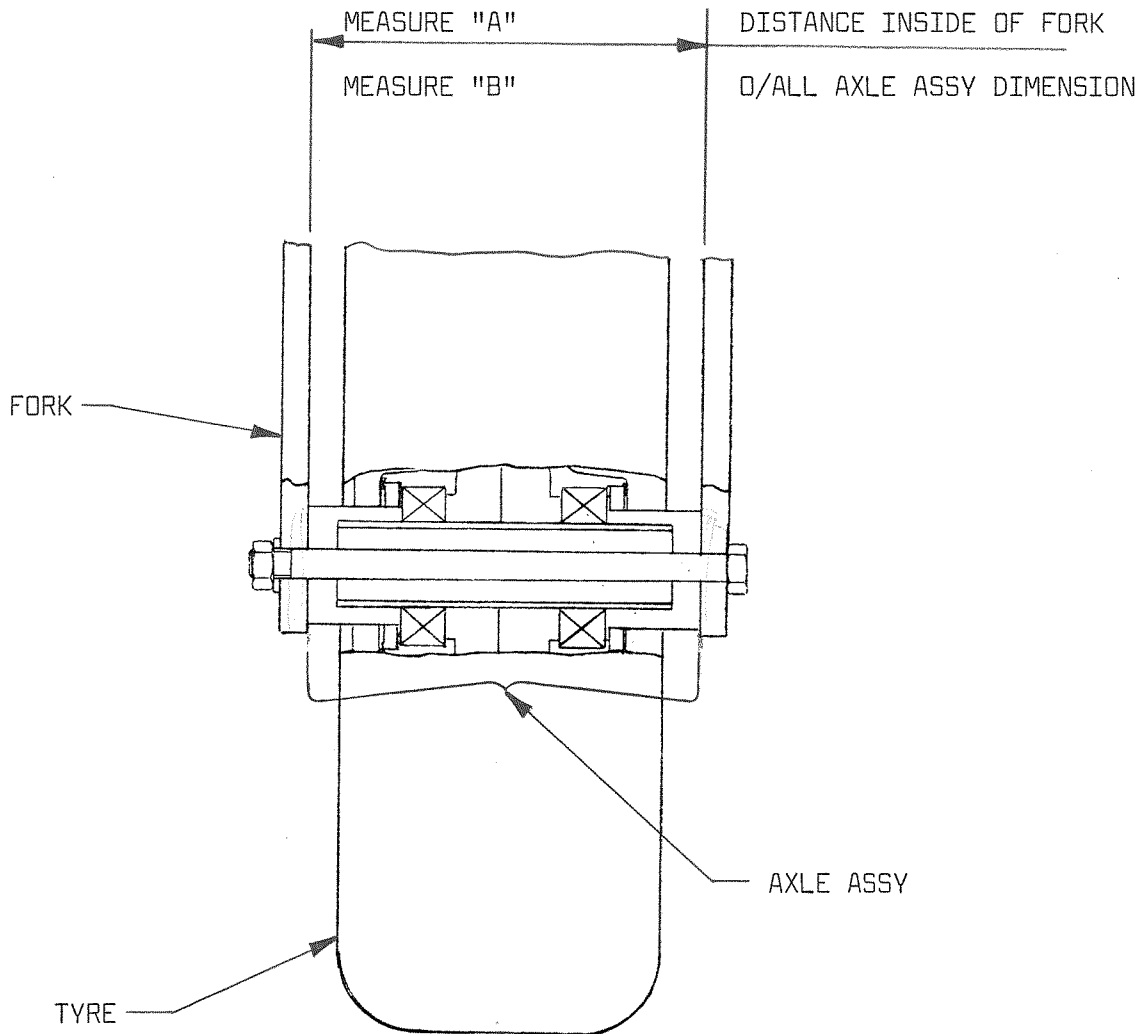


FIG 1

Approved:

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