

SERVICE BULLETIN

SB No. 106 Issue No. 1

TITLE INSPECTION OF BRAKE CYLINDER FOR CORRECT STROKE

CLASSIFICATION

This Service Bulletin has been classified as Mandatory by the CAA

COMPLIANCE

Within the next 150 hours.

APPLICABILITY:

T67M260 and T67M260-T3A.

INTRODUCTION:

Cases have been reported of the brakes, on being applied, of 'bottoming out' when the system has not been fully bled. Upon investigation it was found to be the spring in the brake master cylinder reaching its fully compressed length, thus causing unnecessary loads to be transferred onto the flapper plate which then became distorted.

ACTION

1. Chock wheels and set parking brake to off. Gaining access to area of both brake master cylinders ensure they are set fully extended.
2. At the caliper assembly, push a piece of tube over the bleed nipple, immerse into a container of brake fluid and open the bleed nipple slightly.
3. Refer Fig. 1. Fully compress brake master cylinder by applying hand pressure to rudder pedal toe brake and measure travel between pivot points A & B, with a rule or similar.
4. If measured travel is 1" (25mm) or more, then bleed system in accordance with latest Maintenance Manual amendments and, following satisfactory brake operation, return to service. Annotate log book SB106 accomplished.
5. If measured travel is 3/4" (19mm) or less, then brake cylinders are to be replaced with new cylinders T67G-73-211 or T67G-73-213 in accordance with Mod Bulletin M715A or M726.

For Mod Bulletins contact SAL Product Support Department.

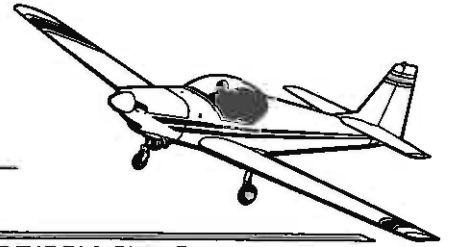
ISSUED
 25 APR 1996

ISSUED BY:


 Date 30th April 96

 for and on behalf of **SLINGSBY AVIATION LIMITED**
 Kirkbymoorside, York YO6 6EZ, England. Tel 0751 32474 Telex 57597

Page 1 of 2



SERVICE BULLETIN

SB No. 106 Issue No. 1

TITLE INSPECTION OF BRAKE CYLINDER FOR CORRECT STROKE

CONTINUED

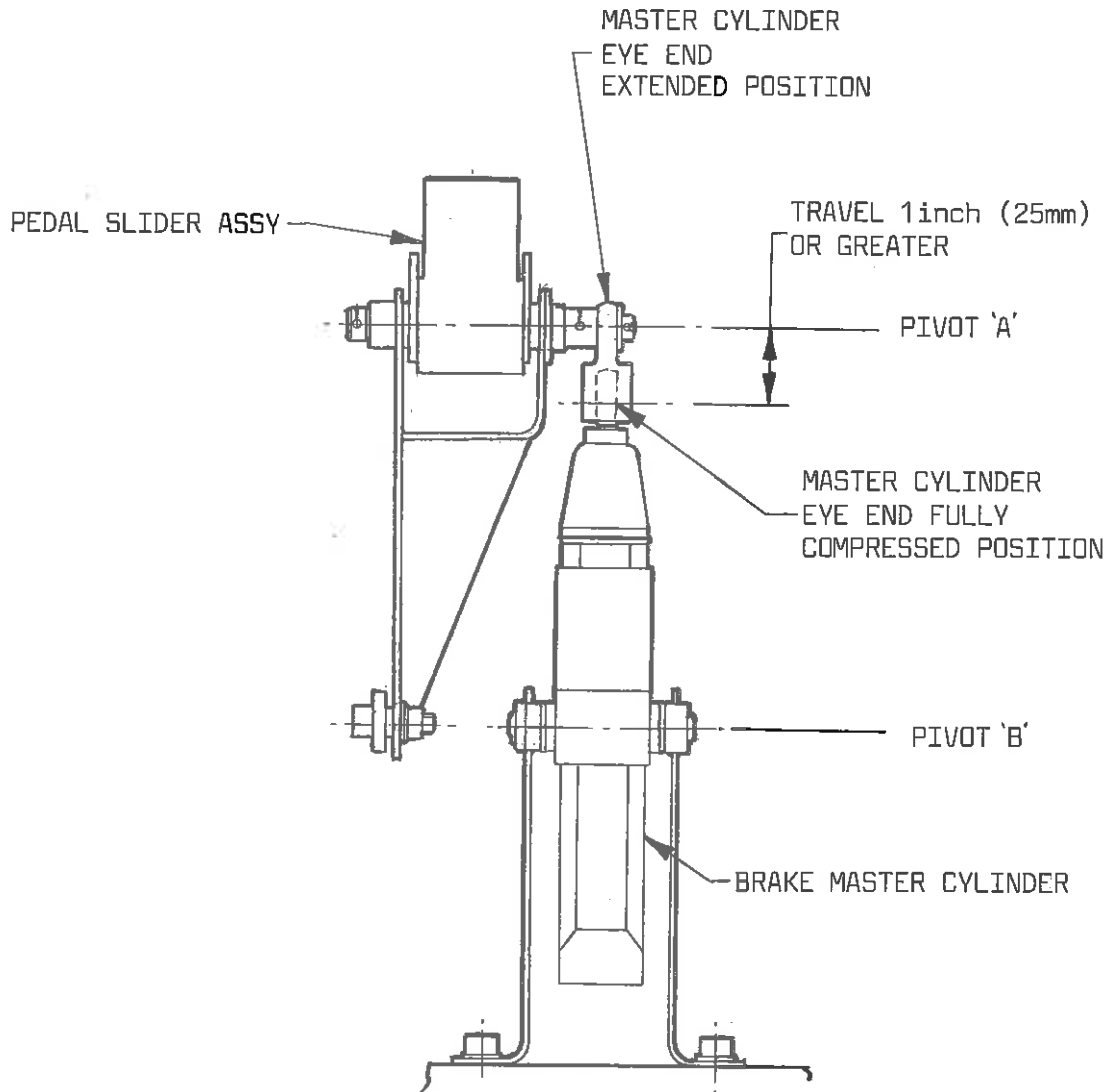


FIG 1
VIEW LOOKING FWD ON
LEFT HAND BRAKE CYLINDER
RIGHT HAND SIMILAR

Approved: *B. Mollen*

Date: 30th April 96

Page 2 of 2