

SERVICE BULLETIN

SB No.

85

Issue No.

2

TITLE
INSPECTION FOR AXLE BURRS AND REVISED MAINWHEEL TORQUE INSTRUCTIONS
CLASSIFICATION

This Service Bulletin has been classified as Recommended by SAL

COMPLIANCE

At next removal of mainwheel and at each subsequent removal.

APPLICABILITY:

T67B, T67C Series, T67M, T67M-MkII, T67M200 (All Post Mod M468 - Fairey Hydraulics Undercarriage), T67M260 and T67M260-T3A

INTRODUCTION:

Cases have occurred where mainwheel bearings have been spinning on the axles.

Following investigation by Fairey Hydraulics the recommended assembly/re-assembly sequence is to be implemented.

ACTION

1. At next removal of wheel inspect axle for burring Ref. Fig. 1.
2. If burr exists, remove burr taking the following action:

Either:

- i) Carefully rub down burr to original diameter, by hand, using carborandum stone, and clean off all abrasive dust.

Or:

- ii) Using tool T67G-88-519 remove any burrs on inner bearing shoulder. The tool will also form corner radius at shoulder base. Ref. Fig. 1.

The tool is designed to be operated by hand using a twisting action with a light pushing force. Continue cutting action until burr is removed and radius fully formed.

Note: Tool will not cut after the radius has been fully formed.

ISSUED BY:

Date

 10th July. 97

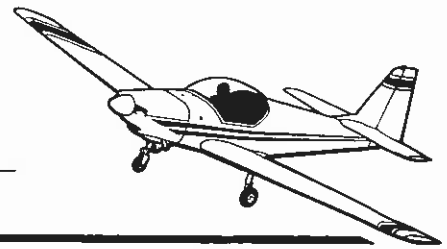
for and on behalf of

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CONTINUED

3. Re-grease, in accordance with Maintenance Manual, and replace mainwheel as follows:
 - i) Torque load axle nut to 45/50 lb ft (greased). This initial torque "beds in" inner bearing onto axle.
 - ii) Slacken off nut until wheel is free rolling.
 - iii) Re-torque nut to 10/15 lb ft.
 - iv) Increase torque if necessary to align locking device, may increase a further 15 lb ft (ie 60°).

4. Annotate in aircraft logbook "SB 85 complied with".

Maintenance Manual to be annotated as per paragraph 3 above.

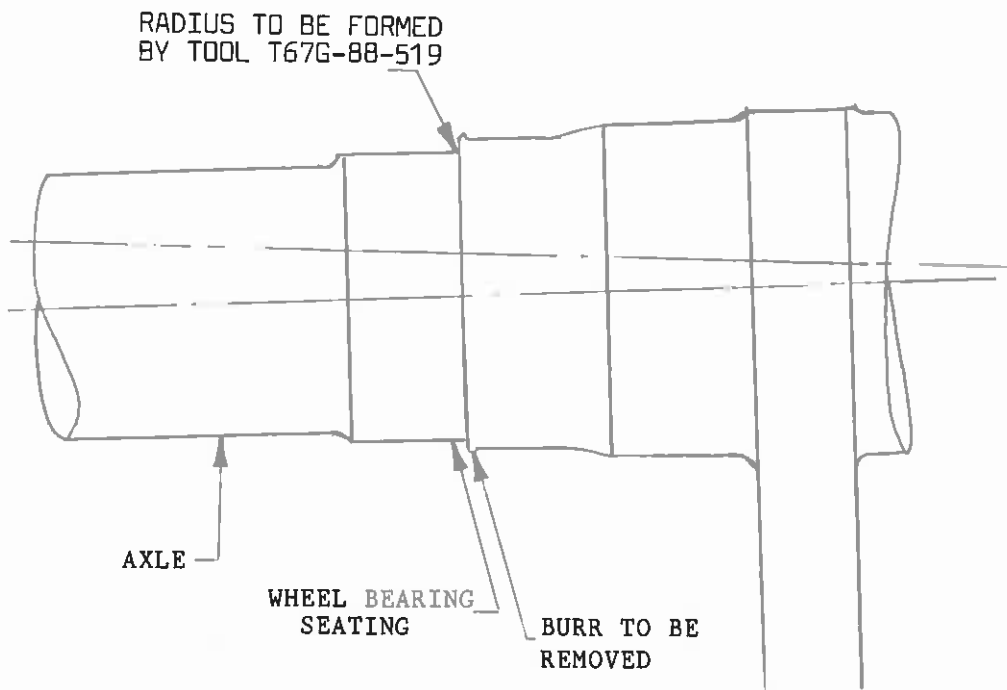


FIG 1

Approved:

Date:

10th July 97

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