

REPAIR INSTRUCTION NO. RI-GROB-004

1 Aircraft affected

Model/s	S/Ns
G 115TA	All, as affected
G 120A	All, as affected
G 120A-I	All, as affected
G 120TP-A	All, as affected

2 Subject

ATA-Code:	32-10	Main Gear
Repair Title:		Modification of Main Wheel Axles

3 Introduction

This Repair Instruction describes the modification of the Main Wheel Axle 115TA-5171.03 or 115TA-5171.03/1 to the P/N 115TA-5171.03/2 in support of the Service Bulletins referred in paragraph 4.

4 Concurrent Documents

Document No.	Rev. / Date	Title
RSB1078-197	30-09-2014	Modified Main Wheel Axle
RSB1121-146	30-09-2014	Modified Main Wheel Axle
RSB 565-025	30-09-2014	Modified Main Wheel Axle

5 Approval Note

The technical content of this document has been approved under the authority of EASA Design Organisation Approval No. EASA.21J.030.

The associated repair design has been approved under the authority of EASA Design Organisation Approval No. EASA.21J.030.

6 Limitations

N/A

7 Repair / Instructions

7.1 Modification of axle

- 7.1.1 Firmly clamp the axle 115TA-5171.03 or 115TA-5171.03/1 into a suitable turning machine. Do not clamp on the bearing seats, refer to Figure 1.
- 7.1.2 Machine the bearing seat from 42 mm to 41,275 mm (ISO tolerance h11), refer to Figure 1.
- 7.1.3 Make sure that the outside edge of the machined seat is free of burr.
- 7.1.4 Change the engraving of the P/N to "115TA-5171.03/2".
- 7.1.5 Release the modified item according to national requirements.

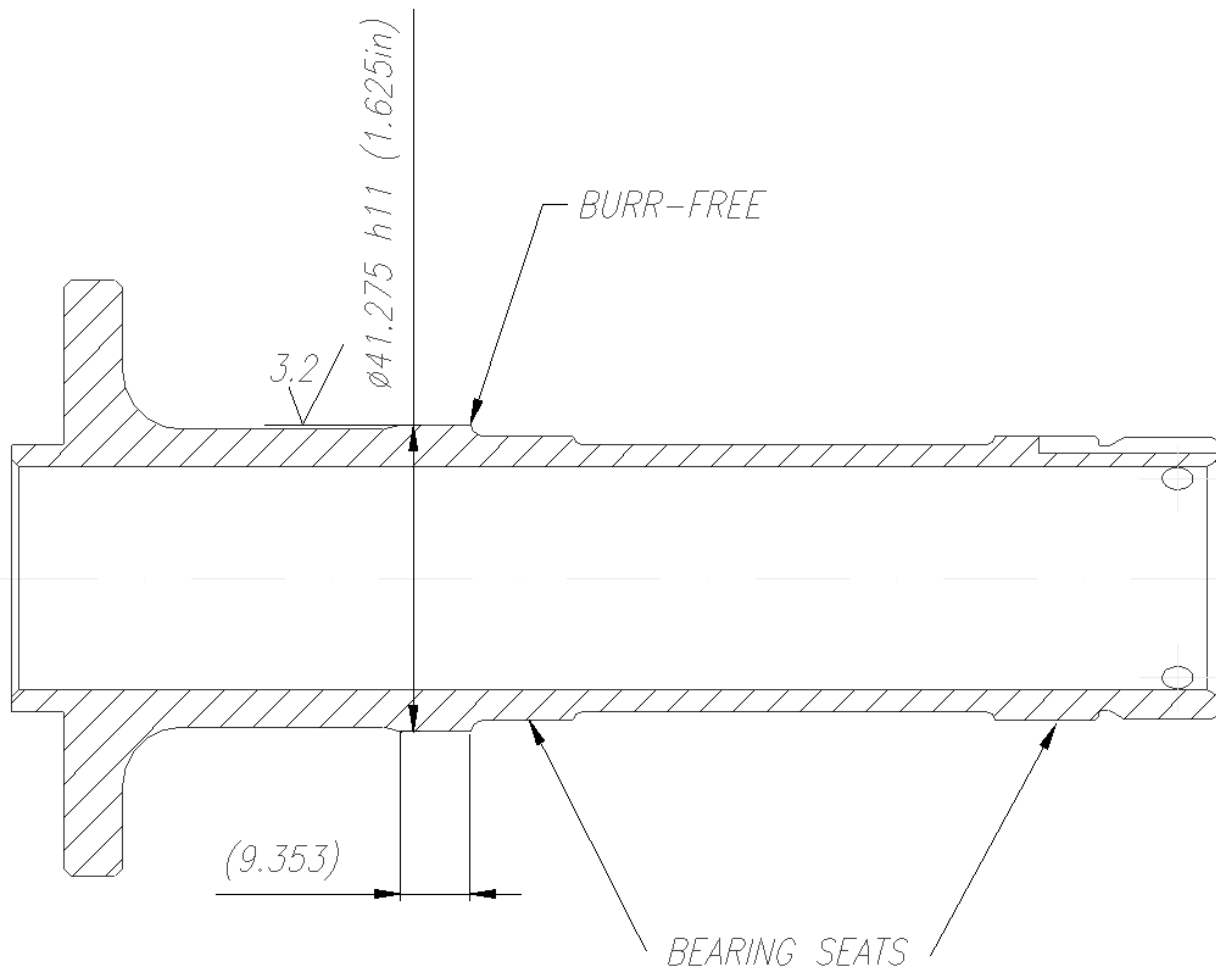


Figure 1

8 Weight and CG

N/A

9 Material and Availability

N/A

10 Special Tools

N/A

11 Appendixes

N/A

12 Accomplishment

The instructions in paragraph 7 have to be accomplished and certified in the logbook by authorized staff:

- in EASA countries according to Article 5 VO EG 2042/03 (VO EG 1056/2008) Appendix III – Part 66
- in non-EASA countries according to national regulations with respect to maintenance.

13 Contact

For questions and assistance or in case of occurrence please contact:

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