

- Subject : Electrically operated main landing gear
- Effectivity : DG-1000 variants DG-1000S, DG-1000T. all ser. no.'s with retractable main landing gear version A (without nose wheel)
- Accomplishment : none, installation optional:
a) from ser. no. 10-135 during production
b) retrofit in earlier ser. no.'s is possible
- Reason : To improve the DG-1000 operational comfort an electrically operated main landing gear has been developed.
- Instructions : 1. For retrofit as well as for factory installation the following manual revision has to be performed:
Exchange or amend the following manual pages against new pages issued November 2008 marked with TN1000/14.
AFM DG-1000S: pages 0.2, 0.5, 9.1-9.12
AFM DG-1000T: pages 0.1, 0.3, 0.6, 0.7, 9.1-9.12
MM DG-1000S: pages 0.2, 0.4, 0.6, 0.10, diagrams 20-22, drawings 10E3, 10E4, enclosure 1
MM DG-1000T: pages 0.1, 0.3, 0.6, 0.10, diagrams 20-22, drawing 10E4, enclosure 4
2. Retrofit of the electrically operated main landing gear can only be accomplished by DG Flugzeugbau. No working instructions for the retrofit are available.
A) Modifications to the landing gear box:
1. Remove GFRP part 10RU49 (front, upper left hand side).
2. Exchange the rear left bush 10FW19/2 against a bush 10FW19/6. Reinforce this area with GFRP rovings.
3. Glue GFRP landing gear extension part 10RU51 to the left upper end of the landing gear box.
4. Glue the GFRP holder 10FW117 for the linear guide to the left hand side of the landing gear box.
B) Remove all parts of the landing gear and the landing gear control system except for the main wheel with fork, spring mounting, brake system and the gas strut.
These parts will no longer be required.
C) Install the parts of the retrofit kit for the electrically operated landing gear
- Material : Manual pages see instruction 1.
For retrofit:
1. retrofit kit for the electrically operated landing gear
2. parts see instruction 2 A).
- Weight and balance : Weight and balance necessary

Remarks : Instructions are to be executed by DG Flugzeugbau.
All instructions are to be inspected and entered in the aircraft logs by
a licensed inspector.

Bruchsal, date:
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Author: Modifications approved by EASA Date 28 January 2009
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