



- Subject : Life time of drive belt, manual revision
- Effectivity type: DG-500
variants: DG-500MB
- Accomplishment : Instruction 1: 31.08.2023
Instruction 2: after 50 belt operation hours and then every following 25 operation hours, if no new belt will be installed
- Reason : 1. The life-time of the drive belt was limited initially to 50 h engine time. This limitation had no rational substantiation. It was just set to a reasonable limit to gain experience. Now after about 3 decades of operational experience DG found that the max. life-time limitation of the drive belts is not necessary, as only failures (belt torn off) have been reported during engine start on the ground, but never in the air. Therefor the drive belts may be operated on condition. A thorough periodical check of the belts after 50 belt operation hours and then every following 25 operation hoursd is mandatory.
2. In addition some manual revisions due to operational experience have been incorporated in this TN.
- Instructions : Manual revision: Exchange the following manual pages against new pages issued May 2023 marked with TN500-14. Respect the marked changes.
MM: Title, 1a, 3, 4, 5, 6, 19, 49 – 54, 91

Check of the drive belt: Follow the instructions in section 3.5.3 of the maintenance manual.
- Material : Manual pages see above.
- Weight and balance : No influence
- Remarks : Manual pages are available from DG Aviation.

Instructions may be executed by the pilot/owner himself.
The actions are to be inspected and released by the pilot/owner (according to MA. 801 (b) 3. for EASA registered aircraft).

If you have any questions concerning this TN please contact DG Aviation:
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Bruchsal, date:
19.05.2023

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