



## Technical Note No. 800-49

Doc.-No.:  
TM800-49 FE-29-01

Issue: 01.a  
Date: 19.05.2023

- Subject : Life time of the drive belt, manual revision
- Effectivity type: DG-800  
variants: DG-800B MW. DG-800B, DG-808C
- Accomplishment : Instruction 1: 31.08.2023  
Instruction 2: after 50 resp. 100 (DG-808C with BBSA clutch) 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. Therefore the drive belts may be operated on condition. A thorough periodical check of the belts after 50 belt resp. 100 (DG-808C with BBSA clutch) operation hours and then every following 25 operation hours is mandatory.  
2. In addition some manual revisions due to operational experience have been incorporated in this TN.
- Instructions : 1. Manual revision: Exchange the following manual pages against new pages issued May 2023 marked with TN800-49. Respect the marked changes.  
DG-800B MW (with Mid West MWAE-50 T engine):  
MM: 1-3, 5, 45-47, 47 a, 48, 49  
  
DG-800B:  
AFM: Title, 0.0, 0.1, 0.3 0.5, 7.13  
MM: Title, 0.1, 0.3 – 0.6, 0.8, 0.13, 0.14, 3.8 – 3.11, 4.1-4.3, 4.11, 8.1, 8.2, Diagram 8  
  
DG-808C  
AFM: Title, 0.0, 0.1, 0.3 0.5, 7.17  
MM: Title, 0.1, 0.3 – 0.6, 0.11, 0.12, 3.9 – 3.12, 4.1, 4.2, 4.11, 8.1, 8.4, diagrams 18 + 16  
  
Repair manual DG-800B. is valid for all DG-800B and DG-808C  
Title, 0.1, 0.2, 5.4, 6.1  
2. 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

Author: Wilhelm Dirks Modifications approved by EASA Date 14.JUL.2023 under Approval No. 10082396.

The technical content of this document is approved under the authority of DOA Ref. EASA.21J.780.