

Subject : Landing gear, positive locking device

Effectivity : DG-1000 with retractable main landing gear, without nose wheel

Accomplishment : none, optional

Reason : On some DG-1000 the landing gear retracts unintentionally during landing.
On some DG-1000 the landing gear extends unintentionally during trailering.
Therefore a positive locking device was developed which locks the landing gear in the extended and retracted positions in addition to the over centre locks.

Instructions : Installation of the retrofit kit "landing gear positive locking device"

1. according to working instruction No.1 for TN1000/13.
2. DG-1000S: Replace flight manual pages 0.1, 0.4, 0.5, 4.9, 4.13, 7.5 against new pages issued February 2008 marked with TN1000/13.
Replace maintenance manual pages: 0.1, 0.2, 0.4 – 0.6, 1.9, 1.10, 4.7, 4.9 against new pages issued February 2008 marked with TN1000/13. Add diagrams 17 and 18.

DG-1000T: Replace flight manual pages 0.1, 0.4, 0.5, 4.9, 4.17, 7.5 against new pages issued February 2008 marked with TN1000/13.
Replace maintenance manual pages: 0.1, 0.2, 0.3, 0.4, 0.6, 1.9, 1.10, 4.7, 4.9 against new pages issued February 2008 marked with TN1000/13. Add diagrams 17 and 18.

Material : - Retrofit kit landing gear positive locking device Art. No. 41060009
- Working instruction No. 1 for TNM1000/13
- Installation plan 10EP15
- Manual pages see above

Weight and balance : influence negligible

Remarks : Instruction 1 is to be executed by the manufacturer or by a licensed workshop.
All instructions are to be inspected and entered in the aircraft logs by a licensed inspector.

Bruchsal, date:
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Dipl.-Ing. (FH) under Approval No. EASA.A.C.08933
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