



- Subject : Starter control mechanism in the control unit
- Effectivity type: DG-1000, DG-800  
variants: DG-1000T all Ser. No.,  
DG-808C up to control unit No. 8-60, those are installed in DG-808C  
Version Classic up to Ser. No. Z3 and in DG-808C Version Competition up  
to Ser. No. X61 and may be also in ser. No. X65.  
**Note:** Control units from No. 8-61 on incorporate already the change  
requested by this TN.
- Accomplishment : 30. March 2019
- Reason : As already found with DG-800B and DG-500MB (TN800/42) now a similar  
defect of MOSFET transistors of the starter control mechanism occurred in a  
DG-1000T. As the control units of the DG-808C are of similar design those  
may be effect too.  
Such defect may cause that the starter motor may start running or won't  
stop with the starter button not pushed. In addition the control unit may be  
overheated and destroyed.  
Although the MOSFET transistors are protected against overload they may  
have been damaged due to fatigue, bad ground contacts or jump starting  
the engine by electric power directly applied to the starter motor.  
The control unit was redesigned, the main switch functions for starter motor  
control and the other electrical systems are separated now. An additional  
semiconductor switch will be installed for the main switch function (except  
for the starter control) and the existing main switch supplies the MOSFET  
transistors with electrical power only with the starter button pushed.
- Instructions : 1. DG-808C Version Competition up to Ser. No. X61 and ser. No. X65:  
Remove the control unit and determine the control unit number, you find  
the No. on the front side of the unit. To accomplish this you have to  
remove the access cover on the right hand cockpit side.  
If the No. of the control unit DG-808C is lower than 061 continue with  
item 3, otherwise with item 5.  
2. All DG-1000T and DG-808C Version Classic up to ser. No. Z3: Remove  
the control unit.  
3. Send the control unit to DG Flugzeugbau for modification.  
4. The control unit will be labelled after modification with a placard „MS“.  
5. Re-install the control unit.
- Material : Modified control unit labelled with a placard „MS“
- Weight and balance : influence negligible
- Remarks : 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  
Flugzeugbau: Tel.: 0049 7251 3020-0, e-mail: dg@dg-flugzeugbau.de

DG Flugzeugbau GmbH  
DOA EASA.21J.530  
EBH Teil III



**Technical Note**  
**No. 1000/39**  
**Nr. 800/48**

Doc.-No.:  
TM1000-39 FE-29-01

Issue: 01.a  
Date: 7.11.2018

Bruchsal, date:  
7. November 2018

Author:

Modifications/repairs approved under the authority of DOA Ref.  
EASA.21J.530 under Minor Change No. TM1000-39, dated 7.11.2018.

Wilhelm Dirks

The technical content of this document is approved under the authority of DOA Ref. EASA.21J.530.