



Airworthiness Directive

D-2006-060

Luftfahrt-Bundesamt

Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

DG-Flugzeugbau

Effective Date: 06 March 2006

Affected:

Kind of aeronautical product: Sailplane
Manufacturer: DG-Flugzeugbau, Bruchsal, Germany
Type: DG-500 M
Models affected: DG-500 MB
Serial numbers affected: all
German Type Certificate No.: 315

Subject:

Securing of the connection between the spindle drive and the spindle drive motor

Reason:

In some cases the electric motor of the spindle drive detached itself from the spindle drive, causing the powerplant to retract itself after engine shutdown. In another case the attachment fork on the spindle drive failed with the same consequences.

Action:

Perform a modification of the effected parts and exchange of pages into the Flight-, Maintenance- and Repair-Manual. The action must be done in accordance with the Technical publication of the manufacturer.

Compliance:

The action must be done before 31 December 2006.

Technical publication of the manufacturer:

DG-Flugzeugbau Technical Note No. 843/24 of 31 January 2006. This technical note becomes herewith part of this AD and may be obtained from:

DG-Flugzeugbau GmbH
Wilhelm Dirks, Chief of Design
Otto-Lilienthal-Weg 2
76646 Bruchsal
G E R M A N Y
Tel +49 7251 3020 140
FAX +49 7251 3020 149

Holders of affected aircraft registered in Germany have to observe the following:

Action has to be accomplished by the owner of the aircraft or an approved service station and to be checked and entered in the log book by a licensed inspector.

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed.

An appeal to this notice may be raised within a period of one month following notification. Appeals are to be raised with the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig, in writing or for the purpose of drawing up minutes.

EASA-Approval

Approved by EASA under Approval-No. 2006-0059 on 06 March 2006.

Enquiries regarding this Airworthiness Directive should be referred to Mr. Olaf Schneider, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-720. Please note, that in case of any difficulty, reference should be made to the German issue!