



**Airworthiness
Directive
D-2004-348R1**

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

Glaser-Dirks / DG-Flugzeugbau

Effective Date: September 16, 2004

Affected:

Kind of aeronautical product: Powered Sailplane / Sailplane
Manufacturer: DG Flugzeugbau, Bruchsal, Germany
Type: DG-100, DG-200, DG-300, DG-400, DG-500/22 ELAN, DG-500 M, DG-600 and DG-600 M
Models affected: all
Serial numbers affected: DG-100, DG-200, DG-300 and DG-400: all
DG-500/22 ELAN and DG-500 M: all up to 5E23
DG-600 and DG-600 M: all
German Type Certificate No.: 301, 323, 348, 359, 370, 826, 843 and 866

Subject:

Rudder – lower mounting of the rudder

Reason:

On a DG-100 the universal bearing of the lower rudder mounting slipped out of the bearing support and the rudder fell out. This kind of failure may occur also on other DG types.

Action:

1. Inspection of the outer bearing ring
2. Modify or exchange the complete rudder mounting
3. Installation of securing washer and if necessary modify the securing of the nut

The Actions must be accomplished in accordance with the instructions given in the Service Bulletin.

Compliance:

Action 1: with every daily inspection until instruction 3 has been done

Action 2: if necessary

Action 3: at latest on December 31, 2004

Technical publication of the manufacturer:

DG Flugzeugbau Technical Note No. 301/23 issue 2, 323/14 issue 2, 348/18 issue 2, 359/21 issue 2, 370/9 issue 2, 826/44 issue 2, 843/21 issue 2, 866/10 issue 2 dated June 11, 2004 (amended July 07,2004) which becomes herewith part of this AD can be obtained from Messrs.:

DG-Flugzeugbau
Postbox 41 20
D- 76625 Bruchsal
Federal Republic of Germany
Phone: ++ 49 7257 890 Fax: ++ 49 7257 8922
www.dg-flugzeugbau.de

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

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!

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.

Note:

This Airworthiness Directive supersedes Airworthiness Directives D-2004-348 dated July 02, 2004.

EASA-Approval

Approved by EASA under Approval-No. 2004-9653 on September 16, 2004.