



**Airworthiness  
Directive  
D-2004-002**

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

**Grob**

**Effective Date: January 23, 2004**

**Affected:**

Kind of aeronautical product: Sailplane  
Manufacturer: GROB, Tussenhausen-Mattsies, Germany  
Type: TWIN ASTIR  
Models and Serial numbers affected: Grob G 103 TWIN II  
- S/N: 3501 up to 3878 and 33879 up to 34078  
  
Grob G 103A TWIN II ACRO  
- S/N: 3544 up to 34078 (with Suffix "K"))  
  
Grob G 103C TWIN III ACRO  
- S/N: 34101 up to 34203  
German Type Certificate No.: 315

**Subject:**

Limitations of Operations – Cancellation

**Reason:**

New investigations of the fuselage structure have indicated, that the safety margins against damage of the fuselage structure under limit loads might be insufficient. To prevent damage of the fuselage, which could result in a reduced structural integrity of the fuselage, the speeds for rough air, maximum flying speed and further speeds are reduced and for certain gliders, the aerobatic flights are provisionally prohibited.

**Action:**

- a) Insert revised pages into the Flight and Maintenance Manual in accordance with Service Bulletin No. MSB 315-65
- b) To regain the full capability for Aerobatic Flight for the G 103A TWIN II ACRO and G 103C TWIN III ACRO, perform the instructions of the Service Bulletin No. OSB 315-66 (installation of stringers in rear fuselage and cancellation of limitation of operation)

**Compliance:**

Action a) must be done before the next flight  
Action b) optional, after accomplishment of action a)

**Technical publication of the manufacturer:**

Grob Service Bulletin MSB315-65, dated September 2003 and Service Bulletin No. OSB315-66, dated October 16, 2003 which becomes herewith part of this AD can be obtained from Messrs.:

GROB Luft- und Raumfahrt  
Lettenbachstrasse 9  
D-86874 Tussenhausen-Mattsies / Germany

Phone: ++ 49 8268 / 998139  
Fax: ++ 49 8268 / 998200  
e-mail: productssupport@grob-aerospace.de

**Note:**

This AD supersedes the AD-No. 2003-185 dated May 30, 2003.

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

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!

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**

This Airworthiness Directive has been issued in accordance with Article 10, paragraph 3, of the EU-Regulation No. 1592/2002 of 15 July 2002.