



**Airworthiness
Directive
D-2004-292R1**

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

Grob

Effective Date: 28 February 2005

Affected:

Kind of aeronautical product: Sailplane
Manufacturer: GROB, Tussenhausen-Mattsies, Germany
Type: TWIN ASTIR
Models affected: TWIN ASTIR and TWIN ASTIR TRAINER
Serial numbers affected: all
German Type Certificate No.: 315

Subject:

Flight Controls – elevator

Reason:

The exchange of the elevator lever is an integral part of AD-No.1992-190/2 dated 04 July 1996 (Extension of Service Life beyond 3000 hours). Isolated reports of developing cracks in the airbrake levers, found during previous 3000 hours inspections, necessitate the exchange of the elevator lever as a precautionary measure, since the elevator lever is made from the same cast alloy as the airbrake levers.

Action:

- a) Check the aircraft history records / maintenance records. In case of AD-No.1992-190/2 (Extension of Service Life beyond 3000 hours) has been complied with, or the cast alloy elevator lever was exchanged against a new elevator lever (aluminium sheet) during repair, no further action is required.
- b) In case of AD-No.1992-190/2 (Extension of Service Life beyond 3000 hours) has not yet been complied with: exchange of the elevator lever (aluminium cast alloy) against new elevator lever (sheet aluminium)

The action must be done in accordance with the Technical publication of the manufacturer.

Compliance:

Action a) after the effective date of this AD

Action b) before reaching 3000 flight hours, but not later than 30 June 2005, if not already has been done.

Technical publication of the manufacturer:

Grob Service Bulletin MSB 315-67/1 dated 20 December 2005 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: productsupport@grob-aerospace.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.

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!

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.

Note:

This AD supersedes the AD-No. D-2004-292 dated 15 June 2004.

EASA-Approval

Approved by EASA under Approval-No. 2005-2014 on 28 February 2005.