



## Airworthiness Directive

**D-2009-324**

## Luffahrt-Bundesamt

Airworthiness Directive Section  
Hermann-Blenk-Str. 26  
38108 Braunschweig  
GERMANY

### GROB

Effective Date: 16 December 2009

#### **Affected:**

Kind of aeronautical product: Aircraft  
Manufacturer: GROB Aircraft AG, Tussenhausen-Mattsies, Germany  
Type: Grob G115  
Models affected: G115C1 ACRO, G115D, G115D2 and G115E  
Serial Numbers affected: G115C1 ACRO all S/N, G115D all S/N, G115D2 all S/N  
G115E S/N 82085/E – 82100/E  
German Type Certificate No.: 1078  
EASA Type Certificate No.: EASA.A.364

#### **Subject:**

Canopy – Canopy Jettison

#### **Reason:**

The manufacturer received an occurrence report of a failed canopy jettison test, experienced during a regular maintenance check. The investigation performed by the manufacturer revealed that a cable shroud of the jettison system protruded the canopy structure, which probably caused the malfunction.

The action specified by this AD is intended to prevent malfunction of the canopy jettison which could result in a blockage of the exit of the aircraft in an emergency.

#### **Action:**

This airworthiness directive requires the following actions:

##### Action 1:

An additional one-time visual inspection and canopy jettison test must be performed in accordance with MM chapter 52-10 before the next scheduled aerobatic flight as a precautionary action. If any malfunction or anomaly has been detected during the test or visual inspection the aircraft must be repaired before further aerobatic flights.

##### Action 2:

The inspection result must be reported to the manufacturer in accordance with the Grob Mandatory Service Bulletin no. MSB1078-164 Appendix 1: Inspection Report within one week after the inspection.

##### Action 3:

Depending on the findings from this fleet wide inspection, the manufacturer will provide a repair instruction for the affected S/N or may require a fleet wide modification to be the terminating action.

All necessary actions must be performed on the basis of the referenced manufacturer service bulletin.

#### **Compliance:**

Any compliance periods which have to be applied have been mentioned together with the required actions.

#### **Technical publication of the manufacturer:**

Grob Mandatory Service Bulletin no. MSB1078-164 issue 21 July 2009. This document become herewith part of this AD and may be obtained from:

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This airworthiness directive has been issued on the basis of the EU-Regulation (EC) 216/2008 Article 14.1 in conjunction with §14 LuftBO.

Enquiries regarding this Airworthiness Directive should be referred to Mr. Martin Borsum, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-725. Please note, that in case of any difficulty, reference should be made to the German issue!