



## Airworthiness Directive

**D-2005-242**

## Luftfahrt-Bundesamt

Airworthiness Directive Section  
Hermann-Blenk-Str. 26  
38108 Braunschweig  
G E R M A N Y

### GROB

Effective Date: 20. July 2005
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#### Affected:

Kind of aeronautical product:	Airplane
Manufacturer:	Grob Luft-und Raumfahrt, Tussenhausen-Mattsies, Germany
Type:	Grob G 120
Models affected:	G 120A, G 120A-I
Serial Numbers affected:	All serial numbers
German Type Certificate No.:	1121

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#### Subject:

Smoke in the cockpit due to chafing of electrical cables.

#### Reason:

The manufacturer received a report of smoke in the cockpit of a G120A. The Emergency Avionic Switch on the switch panel below L/H I-Panel was localized as the source of the smoke. Chafing of the cables against the rear lip of the tray that holds the switch panel caused damage of the cable insulation, resulting in arcing and melting of insulation.

The actions specified by this Airworthiness Directive are intended to prevent chafing of electrical cables which could result in smoke or fire in the cockpit.

#### Action:

The following actions are required by this airworthiness directive:

1. Inspection of the affected electrical cables for chafing.
2. Replacement of the affected cable bundles if any significant chafing was found.
3. Installation of an additional protective padding along the rear edge of the switch panel tray to prevent further chafing of the affected cable bundles.

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

#### Compliance:

The actions mentioned above must be performed in the following compliance times:

Action 1 and 2: Before the next flight.

Action 3: During the next 100hrs-Inspection.

#### Technical publication of the manufacturer:

GROB Service Bulletin No. MSB1121-065 of 01 July 2005. This service bulletin becomes herewith part of this AD and may be obtained from:

GROB Luft-und Raumfahrt  
Attn. Mr. Michael Reinhold  
Lettenbachstrasse 9  
86874 Tussenhausen-Mattsies  
G E R M A N Y  
Phone: ++ 49-8268-998-105,  
Fax: ++ 49-8268-998-200  
[productsupport@grob-aerospace.de](mailto:productsupport@grob-aerospace.de)

#### EASA-Approval

Approved by the European Aviation Safety Agency (EASA) under approval number 2005-6065 on 08. July 2005.