



## GFA AIRWORTHINESS DIRECTIVE

**TYPE AFFECTED:** Discus 2b, serial numbers 1 to 133.

**SUBJECT:** CG (belly) release, installation position.

**BACKGROUND:** Cases have occurred of failure to back-release. The installation position of the Tost release must be changed in accordance with manufacturer's instructions and the maintenance manual amended.

**DOCUMENTATION:** Schempp-Hirth Technical Note No 360-18, including maintenance manual amendment, forms part of this AD.

**ACTION REQUIRED:** Carry out actions specified in Schempp-Hirth Technical Note No 360-18 and amend maintenance manual as specified.

**WEIGHT AND BALANCE:** Not affected.

**IMPLEMENTATION:** At or before the next annual inspection, but in any case not later than 31 December 2002.

**COMPLIANCE:** The requirements of this GFA Airworthiness Directive are mandatory. This Directive is issued pursuant to the Rules and Regulations of the Gliding Federation of Australia.

SIGNED:

SENIOR TECHNICAL OFFICER AIRWORTHINESS

For and on behalf of:

THE GLIDING FEDERATION  
OF AUSTRALIA

SCHEMPP-HIRTH Flugzeugbau GmbH. Kirchheim/Teck	Technical Note No. 349 - 26 No. 360 - 18	Page No: 01 No of pages.: 02
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SUBJECT: C.G. release, installation position

AFFECTED: Sailplane Ventus-2c (TC-No.: 349)  
S/N 1 through 76  
Sailplane Discus-2b (TC-No.: 360)  
S/N 1 through 133

URGENCY: At the occasion of the next annual inspection  
but not later than December 31, 2002

REASON: On two occasions and on two different sailplanes the winch cable did not release automatically from the Tost "Europa G 88 Safety Release".  
The installation position of the release will, therefore, be changed and the release mounted in the lowest hole.  
For sailplanes where the release is mounted directly on to the bottom of the fuselage with the special solid-steel ring protruding, the release cover must also be modified.

ACTIONS: 1. **Only for sailplanes equipped with a C.G. release or when retrofitting the C.G. release.**

The modifications were carried out in accordance with the following drawings and the instructions in the appendix.

Drawing number	Title
S08 RB 850	Installation of the C.G. release
S11 RB 842	Installation of the countersunk C.G. release

Remark: Cut outs of the drawings are given in the Maintenance Manuals, see „ACTIONS“ item 2.

ACTIONS (ctd.)

2. Revisions of the Maintenance Manual  
(revised pages dated January 2002)

	variant		
	Discus-2b	Ventus-2c	Title
page	0.1.3	0.1.3	Record of revisions
page	5.2.4	5.2.3	Installation of C/G release

List of effective pages to be amended by hand.

MATERIAL:

1. Parts according to drawing No. S11 RB 839  
Screw fitting for cable connection at the C.G. release
2. Only for sailplanes with no countersunk position of the C/G release

release cover part additionally

Ventus-2c, S/N 1 through 62

Discus-2b, S/N 1 through 55 and 57 through 64

WEIGHT:

No alteration

C/G POSITION:

No alteration

NOTE:

This actions may be accomplished by an experienced person and to be checked and entered in the log book by a licenced inspector.

Kirchheim/Teck, December 21, 2001

Issued: .....

(Treiber)

LBA-approved:

The German original has been approved by the LBA under the date of

Jan 8/4, 2002

and is signed of by Mr. Blume

The translation into English has been done by best knowledge and judgement.

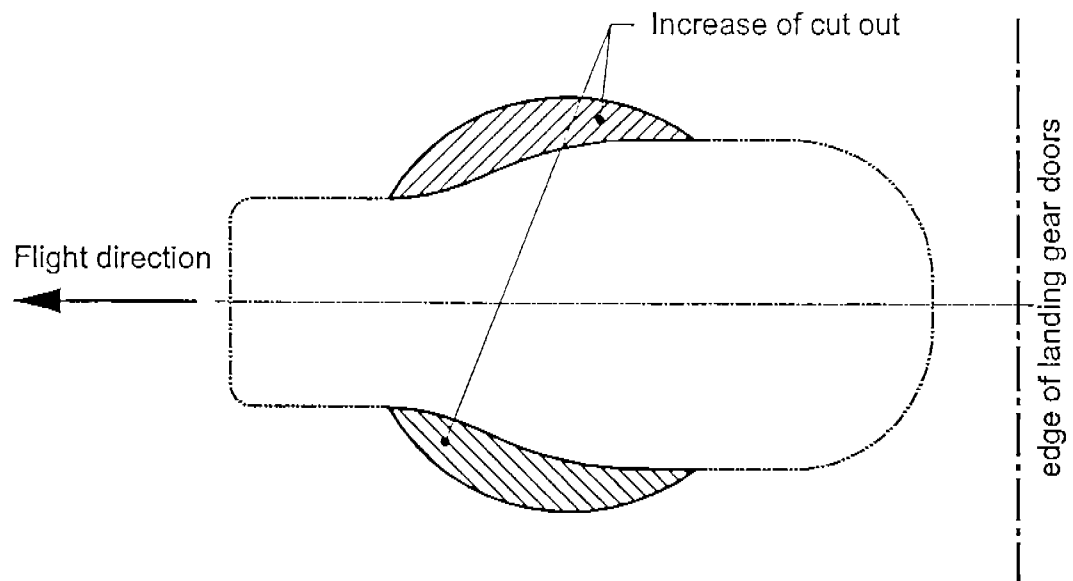
1. Remove seat pan
2. Remove release cover
3. Remove cable connection to release
4. Release attachment
  - a) Loosen aft screw (number 5)
  - b) Remove forward screw. Rotate release upwards and attach release again in the lowest hole (number 4)
  - c) Tighten again aft screw (number 5)
5. Attach cable connection with the additional fittings, see photo page 03.
6. Increase the cut out in the fuselage bottom for the release with the aid of the templates, see page 02.  
The cut out should be increased so far that with the cable ring engaged and pulled forward the pair of cable rings support against the automatic release device.
7. Modify the release cover only for  
Ventus-2c, S/N 1 through 62  
Discus-2b, S/N 1 through 55 and 57 through 64
  - a) Glue the additional release cover on top of the present cover
  - b) After curing of the additional release cover abrade the inner part of the present release cover

Remark

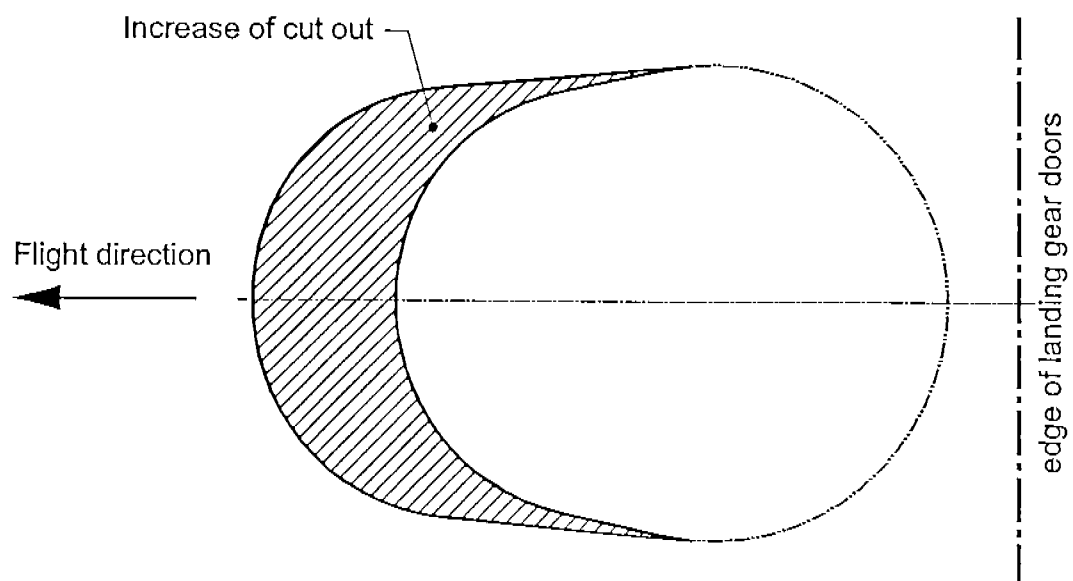
The size of the release cover for the **countersunk** release is big enough to house the release in the modified installation position and must not be changed, see

Ventus-2c, S/N 63 through 76  
Discus-2b, S/N 56, 65 through 133
8. After checking the cable connection and the release operation mount the release cover and check again the release for free operation
9. Install seat pan

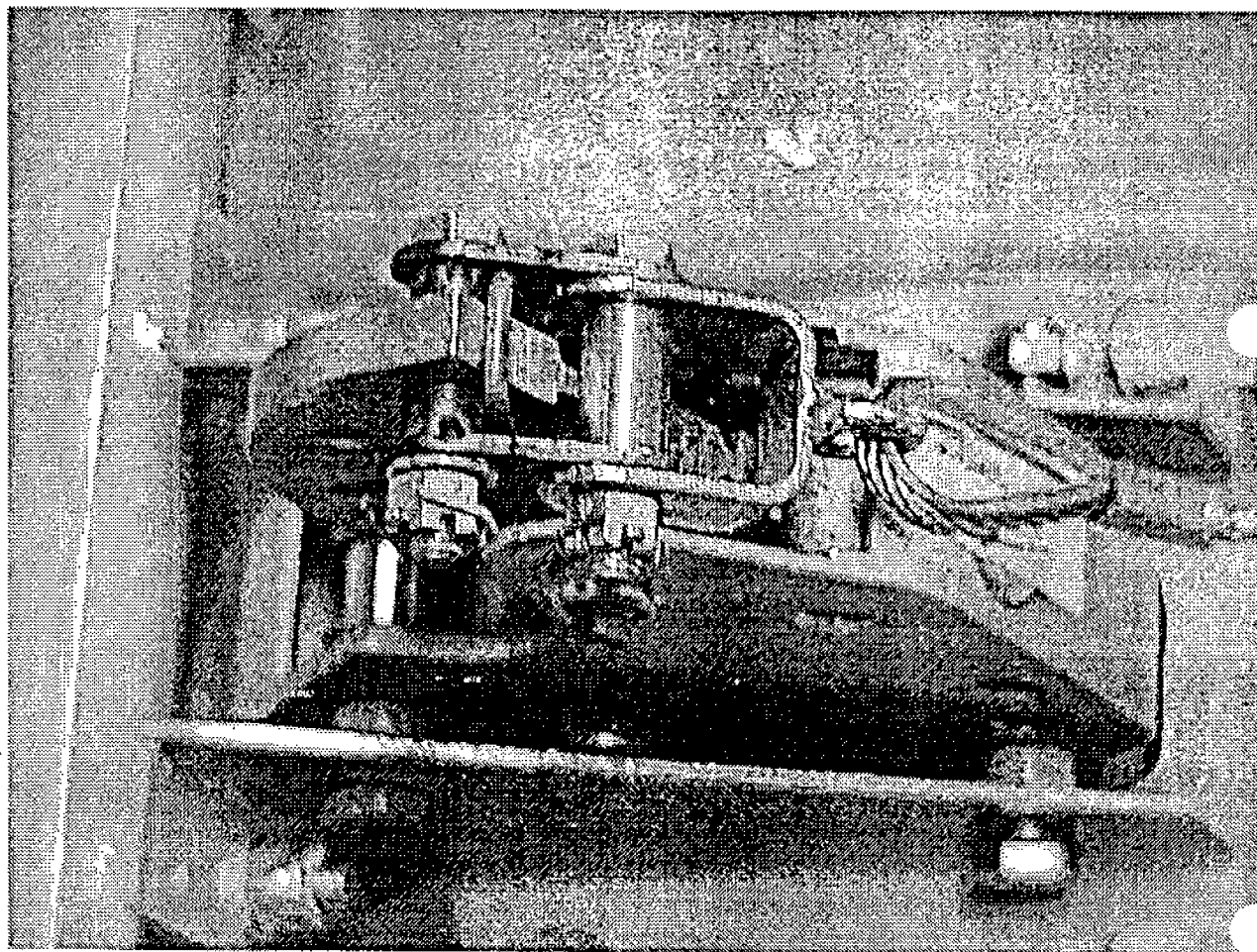
**Fuselage cut out for the not countersunk release installation**



**Fuselage cut out for countersunk release installation**



Cable elongation for release operation



Discus-2a  
Discus-2b

WARTUNGSHANDBUCH / MAINTENANCE MANUAL0.1 Erfassung der Berichtigungen / Record of Revisions

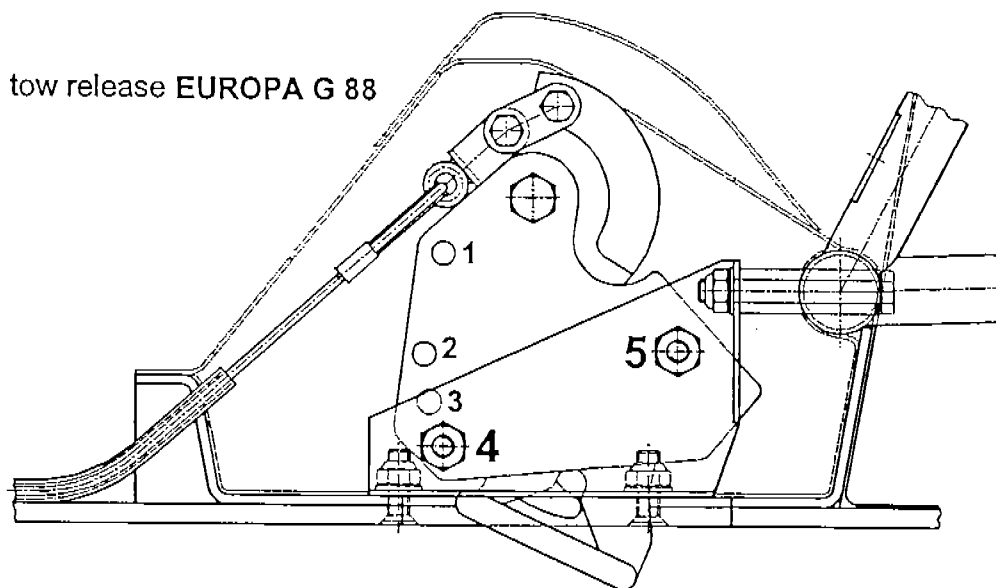
Lfd.Nr. Rev.No.	Benennung Reference	Seite Page	Datum Date
10	<u>Technische Mitteilung Nr. 360-18</u> Einbauposition der Schwerpunktkupplung Discus-2b Werk-Nr. 1 bis 133  <u>Technical Note No. 360-18</u> CG tow release, mounting position Discus-2b, S/N 1 through 133	5.2.4	Januar 2002

MB: Modification Bulletin – Änderungsblatt  
 TN: Technical Note – Technische Mitteilung

EXTRACTED FROM DRAWING  
NO. S08 RB 850

## Discus-2b

tow release EUROPA G 88

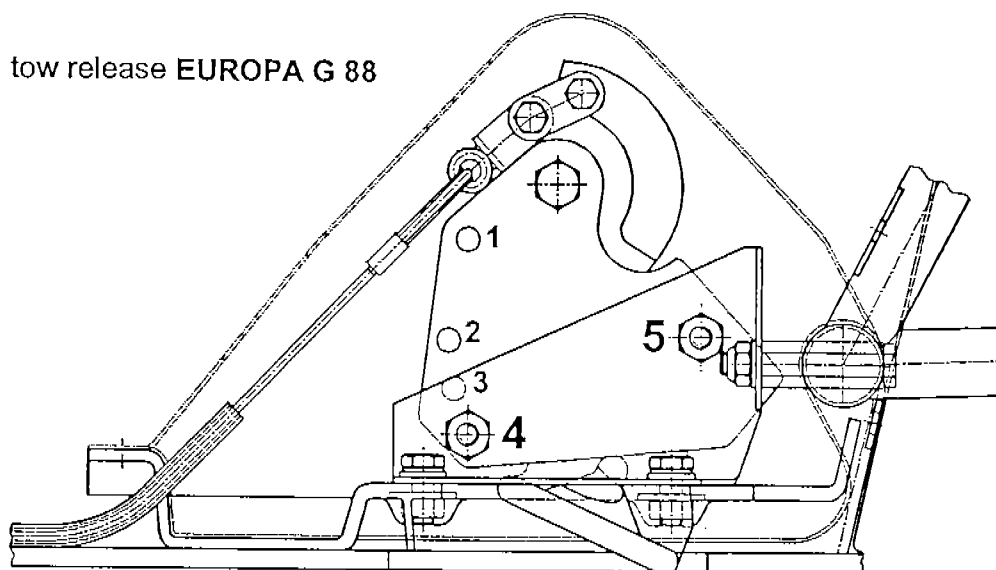


to be attached by bolts No. **4** and **5**

EXTRACTED FROM DRAWING  
NO. S11 RB 842

## Discus-2b

tow release EUROPA G 88



to be attached by bolts No. **4** and **5**