

THE GLIDING FEDERATION OF AUSTRALIA

GFA/AD 288

Issue 1

## AIRWORTHINESS DIRECTIVE

TYPE AFFECTED:

Centrair 101, 101A, 101AP, 101P

Serials Nos. 001 to 162 inclusive.

SUBJECT:

Inspection to verify that the release knob has 12mm of freeplay with the release in the fully locked position.

BACKGROUND:

Centrair Service Bulletin 101-5 requests inspection and rectification if necessary. Bulletin 101-5 forms part of this Airworthiness Directive.

REQUIRED ACTION:

(Within 25 launches from receipt of A.D.)

- (1) Carry out inspection as required by SB 101-5.
- (2) If necessary carry out rectifications as required by SB 101-5.
- (3) The Tost release/s must be checked to ensure it/they have the correct overcentre setting. (Inspect/test in accordance with Tost Maintenance and Service instructions)
- (4) Details of inspection/rectification to be entered into the glider log book.

COMPLIANCE:

The requirements of this Airworthiness Directive are mandatory, issued pursuant with Air Navigation Regulations issued under delegated authority from the Secretary of the Department of Aviation.

Issued by:

Chief Technical Officer,  
Airworthiness

11/2/1985

SUBJECT : Tow release cable guiding fittings

Affected gliders : 101 XX 001 to 101 XX 162 included

In order to prevent an unintended release of the tow hook during take off, an inspection of the neutral travel at the actuating cable line of the tow release is required as soon as possible.

1 - Check whether the cable guiding fittings are mounted in front of the bulkhead (fig.1) or rear of it (fig.2)

2 - If the fittings are mounted in front of the bulkhead, they must be remounted to the rear.

3 - Check whether sufficient neutral travel is left as indicated in figure 2.

3.1. If backlash not sufficient in A :

3.11) On gliders with a rear hook only, screw the adjusted bits (rep. 1 fig.2).

3.12) On gliders with a front hook only, replace the cable (rep.4 fig.2)

3.13) On gliders with front and rear hooks, replace the cable (rep.4 fig.2) if this one shortens the neutral travel and play on the adjusted bits so that the stress is identical on the 2 hooks so that they release together.

3.2. After these operations, if backflash not sufficient enough in B :

3.21) On the gliders with rear hook only and with a plastic tube between the release cable fitting and the cable guide (rep. 3 fig. 2) to adjust it, shorten the plastic tube and/or screw the adjusted bits (rep. 1 fig. 2).

If no tube (rep. 3 fig. 2), screw the adjusted bits rep. 1 fig. 2.

If no back lash, replace the cable control (rep. 2 fig. 2)

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3.22) On gliders with front and rear hooks or front hook only, and with the plastic tube, shorten the tube. If the tube (rep.3 fig. 2) doesn't exist or if no back lash, replace the cable control (rep. 2 fig. 2)

The french original of this B.S. has been approved by the VERITAS under the date of DEC. 19, 1984. The translation into english has been done by best knowledge and judgement ; in any case of doubt the french original is authoritative.

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FIGURE 1

MAUVAIS MONTAGE

Guide cable monté à l'avant du cadre

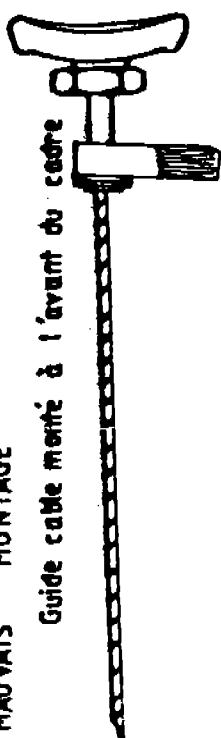


FIGURE 2

MONTAGE CORRECT

Guide cable monté à l'arrière du cadre

JEU B 12

Gaine plastique raccourcie

JEU A 5 mm

