



Subject: Inspection of the correct installation position of the fixing bolts of aileron- and air brake connector at the distributor.

Effectivity:

	s/n
TWIN ASTIR (incl. Trainer)	3000 - 3291
GROB G 103 "TWIN II" (incl. ACRO)	3501 - 3729

Accomplishment: For all serial numbers during the annual inspection.

Reason: An accident investigation revealed that the owner of a TWIN ASTIR - probably when performing a service bulletin - mounted the fixing bolts on the aileron connector downwards. The manufacturer specifies installation upwards.

The wrong mounting of the bolts can lead to a reciprocal interference of aileron- and air brake control.

As a precaution, an inspection of the installation position of the bolts on aileron and air brake connector is ordered. So as to prevent further wrong installations, this service bulletin includes the attachment of a warning placard on the aileron lever (103-4222) with the following wording:

Achtung!
Caution!
Montagerichtung der Verbinderschrauben:
Mounting direction of connector bolts:
BK-Hebel von oben nach unten
Airbrake lever downwards
QR-Hebel von unten nach oben
Aileron lever upwards

Instructions:

Instruction 1

Checking of the correct mounting of the connector bolts (see fig. 1):

- 1.1 The following mounting direction of the bolts is mandatory:
- on the airbrake lever downwards
 - on the aileron lever upwards

1.2 Minimum distance

The boltheads must have a minimum distance of $a = 5$ mm to each other.

Datum
14 Nov. 1988

ersetzt Ausgabe
vom

Bearbeitung
J. Altmann

Musterprüfer

Seite

1



Should during the inspection a wrong installation position of the bolts or a too short distance be found, instructions 2 have to be carried out immediately.

Instruction 2

2.1 Correct installation of the fixing bolts.

All bolts that have been incorrectly installed have to be removed and reinstalled observing the correct installation position according to fig. 1 and using new stop nuts.

2.2 Obtaining the minimum distance.
If the required minimum distance of $a = 5 \text{ mm}$ is not obtained, the manufacturer has to be contacted immediately.

Instruction 3

Attachment of the enclosed warning placard on the aileron lever.

3.1 Cleaning of the surface

3.2 Gluing of the placard (see fig. 1) with glue (e.g. PATTEX).

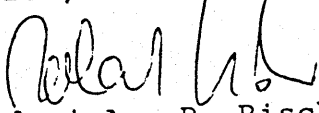
Material: The warning sign is supplied together with the service bulletin.

Weight and Balance: No effect

Remarks: Instructions 1 through 3 can be carried out by a competent person. The proper execution of the service bulleting TM 315-38 has to be certified in the log-book by a competent person.

Mattsies, 14.11/1988

LBA-approved 19.04.1988


signed: i.A. R. Rischer

P.S.: In case you have sold your glider meanwhile, we ask you kindly to give this information immediately to the new owner and to let us know his address and serial number.