



**Service Bulletin  
TM 315-52**


**GROB**  
G 103C TWIN III ACRO

- Subject:** Installation of canards for spin training
- Concerned:** G 103 C TWIN III ACRO, all S/N's
- Urgency:** optional
- Procedure:** At forward to middle flight weight C.G. positions the sailplane cannot be spun through more than 1 or 2 turns, even though the deflection of the control surfaces are fully in the spin direction. To perform spin training, a nose up moment must be created. This can be achieved by installing the canards.
- Actions:**
1. The mounting support of the canards has to be installed according to drawing No.103B-7201/ 7202 "Entenflügel links/ rechts".
  2. The Supplement No. 2 has to be included into the Flight Manual, Section 9.
- Material:**
1. The material for installation of the canards can be ordered from GROB.
  2. The pages of the Flight Manual are supplied with the Service Bulletin.
- Weight and Balance:** The payload must be reduced by the weight of the canards and of the attachment parts (approx. 2.5 kg). Further weighing and determination of the C.G. must be performed without canards.
- Remarks:**
1. The installation of the canards can be performed by a competent person or an authorized aviation work shop and has to be certified in the logbook by an authorized inspector.
  2. If you have sold your sailplane in the meantime, would you kindly pass this information on to the new owner and forward his name and address and aircraft S/N to us.

Mattsies, 14 January 1993

**LBA approved:**

This Service Bulletin is originally written in German and approved by the German LBA on the 25 January 1993 and is signed by Mr. A. Skov. The translation has been accomplished to the best of our knowledge and judgement. In case of doubt, the German original is authoritative.

  
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