

Subject: Retrofitting of c/g tow release

Effectivity: Model "Club Libelle", German Type Certificate No. 304, all Ser.No. not provided with a c/g tow release until now.

Urgency: None, optional.

Reason: Increasing inquiry after winch-launching in France.

Material:

1. Assembled c/g tow release with fixing plates, cable deflectors, drive bracket, turnbuckle and fixing screws.
2. 1 thimble 2,5 DIN 6899 und 1 "Nicopress"-sleeve Nr. 28-2-G
3. Pattern for fuselage-hole
4. Installation drawing No. 205-15-10

Actions:

1. Dismantel back of the seat and seat.
2. Unlock right cable (for aero tow release) from shift lever.
3. Install opening in fuselage for the c/g tow release according to pattern.
4. Align assembled c/g tow release at correct position and drill fixing holes ( Drill first two holes and fix release by bolts, then drill remaining holes)
5. Build in c/g tow release according to installation drawing to the fuselage. Before fastening the screws fill the slots between fuselage and tow release brackets with filled resin (Mixture in mass-%: Epikote162 100%, Laromin 38%, filled with cotton flocks FL 1 f 26%).
6. Connect tow release drive to shift lever according to installation drawing (2 washers between fork and bushing).
7. Shorten right cable (for aero tow release) and connect it to the turnbuckle using thimble and "Nicopress"sleeve.

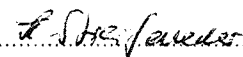
Warning: To compress the sleeve use only proper and licensed tools (e.g. Nicopress No. 32-VC, VG)

8. Adjust turnbuckle in a way, that aero- and c/g-tow release opens simultaneously. When release handle is retracted cable must be loose. Safety turnbuckle.
9. Reinstall the seat and the back of the seat.

Weight and balance: Weight increases approximately. 1.1 kg.  
Balance not affected.

Remarks: In France retrofitting must be done by S.C.A.P., in Germany by Glasfaser Flugzeug Service. The accomplishment has to be certified in the aircraft's log book by a licensed inspector.

Lenningen, den 15.3.1983

  
(Signed: H. Streifeneder)