

- Subject: Optional use of winglets, developed by Glasfaser-Flugzeug-Service GmbH
- Affected: Club Libelle 205, all S / N
- Urgency: None, optional use
- Reason: The last years there also have been reached improvements by the addition of winglets. At the flight test of the Club Libelle with winglets an improvement in start quality has been reached. Directions of the winglet mounting were drawn up in the flight manual.
- Actions: 1.) The addition of the winglets according to the mounting instruction which is delivered with the winglet kit.
2.) Completion of the flight manual with page 32a.

Material & drawings:

It's just allowed to add the original winglets which have a part number and a certificate Ref.No. issued by Glasfaser-Flugzeug-Service.

Weight & c/q position:

When flying with winglets, the mass of each wing panel is increased by 0,3kg, a retermination of the empty mass c/qposition is therefore not required.


- Note: 1.) The kit for retro-fitting the winglets and the amended page 32a of the flight and service manual may be obtained from:
Hansjörg Streifeneder
Glasfaser-Flugzeug-Service GmbH
Hofener Weg
D-72582 Grabenstetten
- 2.) The winglets may be retro-fitted by a qualified person, a certified repair station or Glasfaser-Flugzeug-Service.
The proper accomplishment of the actions is to be supervised and checked by a licensed inspector and must be entered in the sailplane's log book.
- 3.) Proof of compliance was established by the following documentation:
1. Flight Test Report dated 31.05.1997
2. Flutter Investigation dated 10.08.1996 as well as 13. Oct. 97

Grabenstetten, August 23, 1997

Glasfaser-Flugzeug-Service GmbH


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Hansjörg Streifeneder

LBA-approved:

The German original of this Technical Note has been approved by the Luftfahrtbundesamt under the date of... **29. Okt. 1997** ... and is signed by 

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