

Subject: Modification of the wing tip edge (winglets)

Affected: Sailplane ASW 15 / ASW 15 B (Type Certificate No. 272)
All serial-nos. Optional, when the mass of structure does allow.

Urgency: None, optional Modification

Reason: Measurements have shown , that there is a distinct improvement of performance.

Actions: 1. Determinate mass and the spanwise location of the centre of gravity of right and left wing.
Use weighting instruction No. 272-26. The so determined masses multiplied by their lever-arm must not be smaller neither for the right wing nor for the left wing than

or 9,1 kgm for ASW 15
 10,0 kgm for ASW 15 B respectively.

when this value is less a modification is not possible.

2. Do the Construction of the modified wing tip edge with winglets able to be pinned up (working instruction No. 272 - 26).

3. Exchange Manual pages :
11, 13 and 16 flight- and maintenance manual ASW 15,
13, 15 and 19 flight- and maintenance manual ASW 15 B
edition 30.11.1997

Material: A modification kit can be obtained from:

FBW-Flugzeugbau GmbH Tel.: 09851/55820
Flugplatzstrasse 3 Fax: 09851/55821
91550 Dinkelsbühl

Weight and Balance: After the modification of the wing tips you must weight the parts separately and the whole sailplane and a new weight-table must be put up to date as well.

Accomplishment and Certification: The Construction must be done by an approved service station and be certified as a " major modification" with an inspection.

Dinkelsbühl, 30.01.1999



LBA-approved:

The German original of this Technical Note has been approved by the LBA on December, 30th, 1997 and signed by Mr. Fendt.
The translation into English has been done by best knowledge and judgement. In any case of doubt the German original is authoritative.