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Subject: Increase of Service Life.

Effectivity: **LS 1-f,LS 1-f (45),** all serial numbers

Accomplishment: Instruction 1-2: prior the next periodic inspection, latest up to 31.12. 2008
Instruction 3: none, optional

Reason: Results of supplementary serviceability tests at main spar booms for wings proved that service life of GRP-sailplanes may be increased up to 12000 hours, if airworthiness of each single sailplane is checked according to a special multiple-stage inspection program as included in the Maintenance Manual.
The empty weight C.G. table (only valid for LS 1-f) was extended with Minimum Cockpit Loads between 60 and 85 kg <132 to 187 lbs>. So it is possible to move the empty weight C.G. backwards, if desired.

Instructions:
1. **LS 1-f:** Exchange the following Flight Manual pages against Edition Nov. 2007:
   Title page; page 4 (Valid pages); pages 7, 7a, 7b, 7c (Empty Weight C.G. Table);
   LS 1-f (45): no change
2. **LS 1-f and LS 1-f (45):**Exchange the following Maintenance Manual (Instructions for Continued Airworthiness) pages against Edition Nov. 2007: page 0-1 (Valid pages); page A (Inspection sequence to increase service life)
3. If desired, ballast can be removed from the fuselage nose or installed in the tail. Thereafter a new weighing of the sailplane must be performed and the minimum cockpit load must be noted on the cockpit data-plate and in the flight manual.

Weight and Balance: None.

Remarks: Instruction No. 1 & 2 may be executed from the pilot/owner and inspected and entered in the aircraft logs by a licensed inspector, latest at the next annual inspection.

Instruction No.3 is to be executed by the manufacturer or by a licensed workshop. Instr.No3 must be inspected and entered in the aircraft logs by a licensed inspector.

EASA-approved: EASA certified on 14.May 2008 with
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