

**Repair Instruction for cockpit area**

**Subject:** Damage of the fuselage in the overlap joint area because of belly landings with retracted landing gear.

**Applicability:** All ASH 31 Mi, Document No. EASA.A.538

**Reason:** Repairs in the cockpit area near the overlap joint of the fuselage : Replacement of the Dyneema-Carbon hybrid weave CCC-Style 681 by pure glass fibre tissue is uncritical for the crashworthiness design of the cockpit.

**Action:** When the damage of the Dyneema weave in the area of the fuselage overlap joint area is small, i. e. about 100 x 50 mm (4 by 2 inch), one layer of glass fibre tissue style 92140 (8.4554.6) may be used as a replacement. As the Dyneema fibre does not allow a proper scarf joint, a 40 mm wide overlap joint must be provided.

Amend this Repair Instruction to the Annex of the Repair Manuals for the ASH 31 Mi.

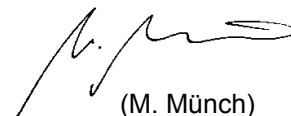
**Material and drawings:** See fuselage layer scheme (Rumpf - Laminierplan) 310.11.9001 respectively and chapter „Action“ above.

**Notes:** A repair has to be done according to the instructions given by the Repair Manual by a person competent for such work.

Poppenhausen, Oct. 01, 2011

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The translation into English has been done by best knowledge and judgement; in any case of doubt the German original is controlling.