

Subject: Canopy fasteners

Effectivity: Sailplane SPEED ASTIR II and
SPEED ASTIR II B, serial-number 4001
up to 4107

Accomplishment: Not later than 15.08.1980

Reason: Avoidance of self-acting opening of the
canopy during the flight.

Instruction: Change of the springs on the fasteners
according to repair instruction of
TM 320-2.

Material: Material according to repair instruction
of TM 320-2 to be obtained from the
manufacturer.

Weight and
Balance: No change

Remarks: The procedure can be carried out by
an experienced person and must be signed
in the logbook by a qualified inspector
or by a recognized aircraft manufacturer.

Mindelheim-Mattsies, 09.06.1980
West Germany

signed by order Dipl. Ing. H. Wilser



Certified by LBA
(Luftfahrt.- Bundesamt)
16.06.1980

Installation of stronger springs in the canopy fasteners

Materials: 2 springs 104-2603.05
 2 spiral-pins 3 x 16 DIN 7344

Tools: 1 hammer
 1 punch \varnothing 2,5 mm
 1 screwdriver medium
 1 open ended spanner 10 mm

Work instruction: Before beginning dismount the canopy of the glider. Look at the enclosed sketch.

The handling is better if you dismount the whole canopy-fasteners with all fittings from the canopy frame (4 screws each). At remounting you must take care that the screws do not damage the threads in the carbon-frame and that the fittings are in the old positions.

Unscrew nut (1), dismount washer (10) and handle (2) and take out spiral pin (3) in the open position of the fastener. Previously mark the position between handle (2) and distance tube (4) and between distance tube (4) and wedge (5).

Pull down distance tube (4) from wedge (5) and take wedge (5) out of fitting tube (6).

Dismount old spring (7) and washer (8).

Pull new spring (7) and washer (8) on wedge (5) according to sketch and put in fitting tube (6). Take care that washer (8) lies good on the circlip (9) and will not be pushed out of his groove.

Pull distance tube (4) according to the mark in the old position on wedge (5) and bring the bore-hole of spiral pin (3) in correspondence.

Drive in new spiral pin (3) according to the sketch with superelevation on one side.

Put handle (2) according to the mark on distance tube (4) and screw with washer (10) and nut (1)

Check function of fasteners.

Remarks: If you close the canopy pull the fasteners forward for stretching the canopy down.
The minimum overlapping of the wedge is 11 mm. If the canopy shrinks in result of very low temperature pull the canopy fasteners once more forward.

09.06.1980

Signed Dipl. Ing. H. Wilser

