

GLIDING FEDERATION OF AUSTRALIA

AIRWORTHINESS DIRECTIVE GLIDERS:

GFA/AD/182 GROB 15.

GLIDER TYPES AFFECTED:

Speed Astir 11 and Speed Astir 11B
Serial Nos. 4001-4107 inclusive.

SUBJECT:

Canopy fasteners

REASON:

Avoidance of accidental opening of the canopy during flight.

REQUIRED ACTION:

Before the 15th September 1980 the springs on the canopy fasteners are to be replaced as follows:

1. Remove the canopy from the glider and ensure that when re-installing that the screws do not damage the threads in the carbon frame and that the fittings are in the original position.
2. Refer to drawing attached. Unscrew nut (1), dismount washer (10) and handle (2), and remove 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).
3. Pull down distance tube (4) from wedge (5) and take wedge (5) out of fitting tube (6).
4. Dismount old spring (7) and washer (8).
5. Pull new spring (7) and washer (8) or wedge (5) according to drawing and put in fitting tube (6). Take care that washer (8) lies true on the circlip (9) and will not be pushed out of its groove.
6. Pull distance tube (4) according to the mark on the old position on wedge (5) and bring the bore-hole of spiral pin (3) in correspondence.
7. Drive in new spiral pin (3) according to drawing.
8. Put handle (2) according to the mark on distance tube (4) and fasten assembly with washer (10) and nut (1).
9. Check function of fasteners. When 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 as result of low temperatures, pull the canopy fasteners once more forward.

The work to be carried out by holders of D.O.T. 1109 endorsed for replacement of components and entered in the gliders log book.

MATERIALS REQUIRED.

2 Springs 104-2603.05
2 spiral pins 3 x 16 DIN 7344
(Obtainable from E. Schneider Pty.Ltd.)

TOOLS REQUIRED.

1 Hammer
1 punch 2.5 mm diameter
1 medium screwdriver
1 open ended spanner 10 mm.

COMPLIANCE:

The requirements of this Directive are mandatory. This Directive is issued pursuant to Air Navigation Regulations under authority delegated by the Secretary of the Department of Transport.

Douglas Lyon

DOUGLAS LYON.

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GLIDING FEDERATION OF AUSTRALIA

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