

**COMMONWEALTH OF AUSTRALIA**  
**DEPARTMENT OF TRANSPORT**  
**AIR TRANSPORT GROUP**

CF11/H10 23

E. SCHNEIDER 6

**AIRWORTHINESS DIRECTIVE GLIDERS**

**REF. NO. GFA SCHNEIDER 10/74**

**Glider Types Affected:** Schneider ES.60 Boomerang.

**Background:** Two cases of water damage to the airframe structure within the FRP dorsal fairing at the base of the vertical fin and its junction with rear fuselage have been detected. During rain, water has entered the fin/tailplane junction fairing through the openings for the tailplane mounting tube. The water has then seeped into the space between the dorsal fairing and the base of the vertical fin.

**Required Action:** Drainage holes are required in the FRP fairings on both sides of the aircraft.

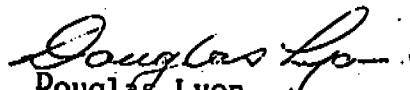
Locate the lower edge of the fairings by tapping the FRP with a hard object such as a coin and listening to the change of sound where the FRP is unsupported. Approximately 25 mm (1") above the lower edge of the fairing drill a 6 mm (1/4") dia. hole through the FRP, being very careful not to drill through the plywood beneath. Then, with a fine-toothed saw (a broken off hacksaw blade is suitable) extend the hole as a slot to the edge of the FRP again being careful to avoid cutting into the underlying plywood. This operation is required in four (4) places.

**Note:** As each slot is made, inspect carefully for any evidence that water has been present inside the fairing; if there is any indication at all that water has been present or if any doubt exists, the dorsal fairing must be removed for inspection of the structure beneath.

If any water <sup>damage</sup> ~~drainage~~ has occurred it must be repaired using standard repair procedures. The structure should then be protected by application of a waterproof varnish before replacing the fairing.

**Compliance:** The incorporation of the abovementioned drain slots and inspection for water <sup>damage</sup> ~~drainage~~ is mandatory and is to be carried out before further flight.

This directive is issued in accordance with Air Navigation Regulations under the delegated authority of the Director-General of Civil Aviation.

  
Douglas Lyon  
Chief Technical Officer Airworthiness  
Gliding Federation of Australia

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