

Subject: Fairing elevator / rudder - replacement

Effectivity: DG-600, DG-600M, DG-800, DG-800B, DG-800S all models

Reason: When rigging the horizontal tailplane without care the fairing at the elevator which seals the gap between elevator and rudder may be damaged. A damaged fairing must be replaced.

- Instructions:**
1. Disassemble the elevator
 2. Drill out the pop rivets which fix the fairing to the elevator with a dia. 3mm drill.
 3. Inject appr. 5 ml Polyesterresin/hardener via the rivet holes into the elevator. Place the elevator on the leading edge (trailing edge up) and let the resin cure.
 4. Mark and drill the rivet holes according to the old fairing to the new fairing.
 5. Reinstall the elevator to the stabilizer. Use a new selflocking nut.
 6. Fix the new fairing with doubleside tape first.
 7. Rig the horizontal tailplane to the glider.
 8. Trim the fairing to the correct size.
Check a) that the fairing does not limit the elevator down displacement and b) that with elevator up the fairing is still min. 5mm inside the fin.
 9. Now fix the new fairing with 2 pop rivets 3x8mm.

Material:

- a) Fairing part no. 6HL10 for DG-600
 ,, 8HL10 for DG-800
- b) doubleside tape eg. TESA 4963
- c) 2 pop rivets 3x8 mm

Bruchsal 4, Nov. 11.1996

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