Subject : Ballast box in the fin, foam rubber rings

Affected : DG-1000S, DG-1000T, DG-1000M all ser.no.'s

Urgency : prior to next flight and upon changing the trim ballast in the ballast box

Reason : In a DG-1000T a foam rubber ring glued to the mounting plate of the optical sensors for checking the trim ballast has detached. This caused an indication error of the control lamp in the front instrument panel.

Instructions :
1. Check condition and correct gluing of the foam rubber rings 10L45/2 (in older factory serial numbers felt strips and/or rings) in the ballast box in the fin.
2. Remove detached and damaged rings and replace them by new rings according to drawing on page 2. If felt strips are installed, replace them if damaged by foam rings.
   Remove adhesive remains before bonding the new rings.
3. Check the foam rubber rings according to point 1 when changing the trim ballast.

Material :
- order no. 41020452 Foam rubber rings 10L45/2
- order no. 30002009 Instant adhesive (Cyanoacrylate)
  Type Pattex Blitz

Weight and balance : influence negligible

Remarks : The instructions may be executed by the owner himself.

Bruchsal, date:
05.11.2007

Author:
H. Könen

This service info has been approved by EASA date 23. April 2008 with technical note DG-G-04.
Approval No. EASA.A.C.09568.

Assembly drawing for foam rubber rings 10L45/2:

