

Subject : Ballast box in the fin

Effectivity : DG-1000S ser. no. 10-1 up to ser. no. 10-47: optional
DG-1000S from ser. no. 10-48 on during production

Accomplishment : none

Reason : To make the handling of the ballast box in the fin even more foolproof the following measures have been developed:

1. A switch will be operated by the locking pin of the ballast box cover.
As long as the switch is not closed, the control light for the ballast box will blink with doubled speed without interruption. The blinking can't be switched off by pressing on the control light, contrary to the blinking which indicates the amount of ballast.
2. A plate at the lower support which prevents engagement of the upper locking pin with the lower pin of the cover inserted outside its bearing.

Instructions : All work according to working instruction 1 for TN 413/4

1. Remove the box for the ballast-info (above in the ballast box) and send to DG for modification.
Remove the upper support of the ballast box cover to install the switch.
2. Remove the lower support of the ballast box cover to install the securing plate.
3. Exchange the following manual pages against new pages issued June 2004 marked with TN 413/4.
FM: 0.1, 0.3, 0.5, 4.5, 7.6


Material : Manual pages see instruction 3
working instruction 1 for TN 413/4
1 10L42/2
switch Marquard 1050.5202
2 screw M2x10 DIN84-4.8zn
2 washers 2,2 DIN125 St zn
1 Tyrap 92x2,4
1 10L43/2
4 Fero pop-rivets DIN7337 3x6mm
Loctite 243

Weight and balance : influence negligible

Remarks : Instructions No. 1 and 2 are to be executed by the manufacturer or by a licensed workshop and to be inspected and entered in the aircraft logs by a licensed inspector.

Bruchsal, date: LBA – approved:
June 11. 2004

Author: The German original of this TN has been approved by the LBA under the date of
Dipl. Ing. Wilhelm Dirks 29. June 04 and is signed by Mr. Blume.

 The translation into English has been done by best knowledge and judgement.

Type certification EASA approved on 9. July 2004 under Approval No. 2004-7327
inspector:
Dipl. Ing. Swen Lehner

