



## Subject: Wings – Cold Expansion of CAMLOC holes Implementation of an alternate fastening method

### Effectivity

Dornier 328-100 and 328-300  
EASA TCDS A. 096  
Serial No's: All Aircraft

### References

- ASB 328-57-037 Rev. 2 Wings – Inspection of the Lower Wing Panel for Cracks
- EASA EAD 2008-0087-E Wings – Lower Inner Panel – Inspection / Repair
- FAA AD 2008-10-51
- SB 328-57-481 Wings – Cold Expansion of CAMLOC holes
- EASA AD 2009-0194 Wings – Lower Inner Panel – Inspection / Repair / Modification

### General

Reports of cracks in the lower inner wing panel trailing edge in the area of Flap Lever Arm #1 at rib #5 have been received by 328 SSG in early May, 2008.

328 SSG responded with the publication of an Alert Service Bulletin ASB 328-57-037 to perform a Detailed Visual Inspection (DVI) on all aircraft, followed by a Non-Destructive Inspection (NDI).

The Authorities addressed the issue with Emergency Airworthiness Directives (EAD) 2008-0087-E (EASA) and 2008-10-51 (FAA).

### Preventive Action

To prevent further cracking, a Service Bulletin is introducing a cold expansion repair at the lower rear wing panel CAMLOC fastener holes in the area from Rib 9 LH to Rib 9 RH.

The performance of SB 328-57-481 requires a

1. Material kit including e.g. retainers, nut plates and special expandable tooling.
2. A reusable installation tooling kit



## Long-term Actions

As a precautionary measure cold working of all "open" holes between Rib 9 L/H and Rib 9 R/H and removal of CAMLOC stud retainer rings is introduced by Service Bulletin. Further the respective inspection threshold and repetitive inspection interval as prescribed by the MRB will be changed.

## Availability

Material kits and the installation tooling kit will be available mid of October 2009 from 328 Support Services GmbH.

Installation Tooling Kits will be available in limited numbers on a loaner basis.

Note: First delivery lot of kits available comprise 50 units in 2009. The kits can be ordered in advance and will be available on a first come – first serve basis.

### Payment Conditions:

- Cold Expansion kit pricing:  
P/N GCT-571A-SBCE-000  
Sales Price: 7.735,00 € for 2009  
Payment Terms:  
Stock units - cash in advance  
Delivery against leadtime 50% down payment with Purchase Order, 50% payment on kit delivery.
- Installation tooling kit pricing:  
P/N GSE 57.5.10A  
Sales Price: 8.195,00 €  
Payment Terms:  
Stock units - cash in advance  
Delivery against leadtime 50% down payment with Purchase Order, 50% payment on kit delivery.
- Loaner Fee for installation tooling kit:  
Basis fee 1.365,00 € (for the initial 20 days) - cash in advance  
Daily fee 34,00 € per day (for 21+ days)



Dornier 328  
Customer Support  
Information



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To qualify for a loaner installation tooling kit a deposit payment of 8.195,00 € is required. After return and inspection, showing no discrepancies, the deposit will be refunded to the customer in full or with a repair/replacement offset (as applicable).

For details please contact our Order Administration Department.

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Model 328-100 / 328-300

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