



ÚŘAD PRO CIVILNÍ LETECTVÍ
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Sekce technická

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PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

Číslo: CAA-AD-022/2003R1

Ruší CAA-AD-022/2003

Datum vydání: 06. března 2003

TELAIR International GmbH

LETADLOVÉ ZAŘÍZENÍ - ZAVAZADLOVÝ/CARGO PROSTOR - VÝMĚNA NEVYHOVUJÍCÍCH ŠROUBŮ (ATA 25) - ZRUŠENÍ PZZ

Týká se: letadel vybavených zařízením vyrobeným firmou TELAIR International GmbH, jak je blíže uvedeno v LBA AD 2003-080/2 (příloha tohoto PZZ).

Datum účinnosti: 20. března 2003

Provést v termínech:

Jak je popsáno v LBA AD 2003-080/2, od data účinnosti tohoto PZZ.

Postup provedení prací:

Dle LBA AD 2003-080/2.

Poznámky:

- Provedení tohoto PZZ musí být zapsáno do letadlové knihy.
- Případné dotazy týkající se tohoto PZZ adresujte na ÚCL sekce technická - Ing. Toman.
- Pokud to vyžaduje povaha tohoto PZZ, musí být zapracován do příslušné části dokumentace pro obsluhu, údržbu a opravy letadla.
- Tento PZZ byl vypracován na základě LBA AD 2003-080/2, který ruší LBA AD 2003-080.

Ing. Pavel MATOUŠEK
ředitel

Luftfahrt-Bundesamt AD No.: 2003-080/2

Effective Date: 06 March 2003.

TELAIR

Affected:

Kind of aeronautical product: Furnishings Equipment

Manufacturer: TELAIR International GmbH, Hausham, Germany

Type: TELAIR International Furnishings Equipment Systems

Models affected:

- Main Deck Cargo Handling System P/N 193100-5, 193100-15, 193100-505
- Linear Actuator P/N 1564T100-Series
- Power Drive Unit P/N 119100-3, 127100-1
- Loading Bridge Assembly P/N 137300-1, 137301-1
- Latches used in Airbus Cargo Loading Systems

These Systems can be installed in the following Aircraft: - Boeing 747, 767, Airbus A300, A310, A319, A320, A330, A340, - BO105, - BRAVO

Serial numbers affected:

All P/N's of the mentioned Systems equipped with utilizing 100° Countersunk Screws with the following Part Numbers (P/N's): MS24693-C10, MS24693-C29, MS24693-C47, MS24693-C202, MS24693-C225, MS24693-C269, MS24693-C274, MS24693-C295, MS24693-C296, MS24693-C298, MS24693-C304, MS24693-C305

German Type Certificate No.: None

Subject:

Furnishings Equipment, Cargo-Baggage Compartment Equipment Systems, ATA-Code 25-50-00 - exchange of substandard screws

Reason:

TELAIR International has determined that certain batches of screws with above mentioned part numbers were manufactured to substandard tolerances. It is possible for the suspect screws to develop cracks in the head that spread to the threads thereby reducing the holding effectiveness of the screw.

The actions specified by this Airworthiness Directive are intended to prevent a decrease in the structure integrity of the mentioned furnishing equipment systems because of bolt failures.

Action:

By continuing the Static Load Tests with Channel components of the Boeing B747 Main Deck Systems, P/N 193100-15, which have been performed by the company TELAIR, the critical operation cases of the "Suspect MS Screw" have been sufficiently tested. The test results of altogether 7 fracture tests in Z direction (tension load of the MS screw) and 7 fracture tests in Y direction (shear force on the MS screw) show that no deterioration in the stability of the screws is visible. Moreover, in the meantime, investigation reports of independent laboratories as well as investigation results from the manufacturers of the MS screws are in hand providing no indication of an inferior stability of the defective screws concerned.

On account of these facts we now feel compelled to withdraw LTA 2003-080.

Compliance:

LTA 2003-080 is cancelled with immediate effect.

Technical publication of the manufacturer:

TELAIR International Service Bulletin SB 100000-25-001 Revision dated February 21, 2003 becomes herewith part of this AD and may be obtained from Messrs.:

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Enquiries regarding this Airworthiness Directive should be referred to Mr. Martin Borsum, Airworthiness Directive Section, at the above address, fax-no. 0049 531/2355-725. Please note, that in case of any difficulty, reference should be made to the German issue!
LTA's / AD's and Technical Notes are published on the internet at <http://www.lba.de>