



CIVIL AVIATION AUTHORITY  
CZECH REPUBLIC

*Airport Ruzyně, 160 08 Prague 6  
Tel: 420 2 33320922, fax: 420 2 20562270*

## AIRWORTHINESS DIRECTIVE

**Number: CAA-AD-022/2003**

Date of issue: February 13, 2003

**TELAIR International GmbH**

### APPLIANCE - CARGO/BAGGAGE COMPARTMENT (ATA 25) - SUBSTANDARD SCREWS - REPLACEMENT

---

**Applicability:** - 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

**Effective date:** March 20, 2003

**Compliance:** Required as indicated LBA AD 2003-080.

---

*Remarks: The compliance of this AD must be recorded in Aircraft Logbook, where applicable the requirements of this AD must be integrated into Aircraft Technical Documentation. Address inquiries concerning this AD to: Civil Aviation Authority, Airworthiness Division, Ruzyně Airport, 160 08 Prague 6, Czech Republic, tel.: 420 2 33320922, fax: 420 2 20562270.*

**Ing. Pavel MATOUŠEK**  
**Director of Airworthiness Division**  
**CAA CZ**

**Luftfahrt-Bundesamt AD No.: 2003-080**

**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:**

This Airworthiness Directive requires the following actions:

1. Examine all TELAIR International Furnishings Equipment Systems specified under the rubric „affected“ whether screws concerned are installed.
2. The suspect MS screws shall be visually inspected for damage.
3. Defective screws shall be discarded and replaced with a new airworthy part from stores.
4. All suspect batches of the suspect MS standard screws shall be identified and returned to the manufacturer.

All necessary actions must be performed on the basis of the manufacturer Service Bulletin SB 100000-25-001 dated January 24, 2003

**Compliance:**

For the mentioned actions the following compliance times have been laid down:

Action 1 and 2: During the next scheduled line maintenance for systems or during the overhaul or repair of identified subassemblies and components, whichever occurs first.

Action 3: Before the next flight.

Action 4: Immediately after replacement of the suspect screws.

**Technical publication of the manufacturer:**

TELAIR International Service Bulletin SB 100000-25-001 dated January 24, 2003 becomes herewith part of this AD and may be obtained from Messrs.:

TELAIR International  
Mr. Norbert Berghausen QA Manager  
Obere Tiefenbachstrasse 8  
83734 Hausham  
G E R M A N Y  
Phone ++49-8026-398-32  
Facsimile ++49-8026-5056-30

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>*