



CIVIL AVIATION AUTHORITY  
CZECH REPUBLIC

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## AIRWORTHINESS DIRECTIVE

**Number: CAA-AD-033/2003**

Date of issue: March 20, 2003

**ATR**

ATR 42, 72

### AIRCRAFT - STAND BY PITCH TRIM SWITCH - INSPECTION/REPLACEMENT

**Applicability:** ATR 42-200 / -300 / -320 / -400 / -500 aircraft models and ATR 72-101 / -201 / -102 / -202 / -211 / -212 / -212A aircraft models, except those on which ATR modification No. 5450 (Service Bulletins (SB) ATR 42-92-0010 and ATR 72-92-1010) has been applied.

**Effective date:** May 15, 2003

**Compliance:** Required as indicated DGAC AD 2003-106(B).

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*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, Ruzyne Airport, 160 08 Prague 6, Czech Republic, tel.: 420 2 33320922, fax: 420 2 20562270.*

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**Director of Airworthiness Division**  
**CAA CZ**

**DGAC AD No.: 2003-106(B)**

**ATR**

**ATR 42 and ATR 72 aircraft**

Flight controls - Stand by pitch trim switch (ATA 92)

**1. APPLICABILITY:**

ATR 42-200 / -300 / -320 / -400 / -500 aircraft models and ATR 72-101 / -201 / -102 / -202 / -211 / -212 / -212A aircraft models, except those on which ATR modification No. 5450 (Service Bulletins (SB) ATR 42-92-0010 and ATR 72-92-1010) has been applied.

**2. REASONS:**

It has been recently noted that, on certain in-service aircraft, the protective guard of the stand by pitch trim switch (18CG), installed on the centre pedestal, could be either damaged or missing. In some cases, a damaged protective guard, although engaged, may not prevent an inadvertent activation of the stand by pitch trim.

At worst, this activation, if maintained, would result in a pitch trim runaway and consequently, could reduce controllability of the aircraft.

The actions mandated by this Airworthiness Directive (AD) are intended to enhance trim panel (110 VU) protection with regard to potential accidental damages and to any inadvertent activation of any trim command (roll, yaw and stand by pitch trim).

**3. COMPLIANCE:**

The following actions are rendered mandatory from the effective date of this AD:

At the first opportunity following the effective date of this AD, and no later than August 31, 2003:

- check stand by pitch trim switch protective guard for presence and effectiveness,
- replace defective item if any,
- install the two protection ramps on trim panel (110 VU) according to the instructions given in SB ATR 42-92-0010 (ATR 42 models) or in SB ATR 72-92-1010 (ATR 72 models).

**REF.:**

Service Bulletin ATR 42-92-0010 original issue  
Service Bulletin ATR 72-92-1010 original issue  
Any further approved revision of these SB's is acceptable.

**EFFECTIVE DATE: MARCH 15, 2003**