

AIRWORTHINESS DIRECTIVE

released by DIRECTION GENERALE DE L'AVIATION CIVILE

Inspection and/or modifications described below are mandatory. No person may operate a product to which this Airworthiness Directive applies except in accordance with the requirements of this Airworthiness Directive.

Translation of 'Consigne de Navigabilité' ref. : 2003-106(B) R1
In case of any difficulty, reference should be made to the French original issue.

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).

The aim of this Revision 1 is to take Revisions 1 of the Service Bulletin (SB) ATR 42-92-0010 (ATR 42 models) and SB ATR 72-92-1010 (ATR 72 models) into account which introduce new washers part number.

3. COMPLIANCE:

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

At the first opportunity following the effective date of this AD at original issue, 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 the referenced SB.

REF.: Service Bulletin ATR 42-92-0010, Revision 1 dated March 11, 2003
Service Bulletin ATR 72-92-1010, Revision 1 dated March 11, 2003
Any further approved revision of these SB's is acceptable.

This Revision 1 replaces original AD 2003-106(B), issued on March 05, 2003.

EFFECTIVE DATES :

Original issue : MARCH 15, 2003
Revision 1 : APRIL 26, 2003