

# 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. : 92-272-017(B) R1  
In case of any difficulty, reference should be made to the French original issue.

## AEROSPATIALE

### ATR 72 aircraft

Frame 26

This Airworthiness Directive concerns ATR 72 series 100 and 200 aircraft, serial numbers 108, 126, 145, 154 to 239 and 244 to 365 inclusive, on which neither Service Bulletin ATR 72-53-1027 nor modification 3584 or 3616 has been embodied.

Further to in service detection of a fatigue crack on frame 26, the following actions are made mandatory :

1. Before the aircraft has logged 1000 flight, or before January 15, 1993, whichever occur later visually inspect frame 26 and perform an eddy current inspection of the pressure floors, according to the instructions of Service Bulletin ATR 72-53-1026 R1.

According to the results of this inspection, apply the directives of paragraph 2 of this Airworthiness Directive.

2.

- 2.1 If the inspection does not reveal any cracks, repeat the inspection required in Paragraph 1 of this Airworthiness Directive every 1000 flights.
- 2.2 If the inspection reveals a crack longer than 65 mm but shorter than 80 mm in web of frame 26, repair according to the instructions of Service Bulletin ATR 72-53-1028 before 250 flight have been logged.
- 2.3 If the inspection only reveals a crack in the web of frame 26, and if this crack is shorter than 65 mm repeat the inspection required in paragraph 1 of this Airworthiness Directive every 750 flights.
- 2.4 If the inspection reveals a crack in the pressure floor :
  - 2.4.1 If the crack is shorter than 65 mm, repeat the inspection required in paragraph 1 of this Airworthiness Directive every 500 flights.
  - 2.4.2 If the crack is longer than 65 mm but shorter than 80 mm, repair according to the instructions of Service Bulletin ATR 72-53-1028 before 250 flights have been logged.

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February 03, 1993

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ATR 72 aircraft

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2.5 If the inspection reveals a crack longer than 80 mm in the web of frame 26 or in the pressure floor, repair before any further flight.

3. Before December 31, 1994, strengthen the frame 26 joint, applying the directives of Service Bulletin ATR 72-53-1027 or Service Bulletin ATR 72-53-1028.

Application of Service Bulletin ATR 72-53-1027 or Service Bulletin ATR 72-53-1028 cancels the inspections required in paragraphs 1 and 2 of this Airworthiness Directive.

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REF. : S.B. ATR 72-53-1026R1  
S.B. ATR 72-53-1027  
S.B. ATR 72-53-1028

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The present Revision 1 replaces original AD 92-272-017(B) dated December 23, 1992.

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**EFFECTIVE DATE : JANUARY 02, 1993**  
(same as the original AD)