

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. : 1999-076-267(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A300 Aircraft

Wing center box - Modification of angle fitting attachments at frame FR47 (ATA 53)

APPLICABILITY :

AIRBUS INDUSTRIE A300 aircraft, all certified models, except for the A300-600 series, all serial numbers except for :

- aircraft on which AIRBUS INDUSTRIE Service Bulletin A300-53-0282 has been embodied,
- aircraft on which AIRBUS INDUSTRIE Service Bulletin A300-53-0291 has been embodied.

REASONS :

Cracks detected during inspections conducted on in-service aircraft have called into question the results of the certification structural fatigue tests in this area.

Growth of the cracks, starting from the attachment holes, on the wing center box angle fittings at fuselage frame FR47 could lead to ruptures affecting the structural integrity of the airframe.

ACTIONS :

Perform cold expansion of the fastener holes the most sensitive to the structural fatigue phenomena at threshold ("mandatory threshold") and according to the instructions defined in AIRBUS INDUSTRIE Service Bulletin A300-53-0298 revision 3.

REFERENCES :

AIRBUS INDUSTRIE Service Bulletins :

- A300-53-0282
 - A300-53-0291
 - A300-53-0298 revision 3
- (or any other later approved revision).

EFFECTIVE DATE : MARCH 06, 1999

n/GH

February 24, 1999

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1999-076-267(B)