

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. : 1999-449-105(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A330 aircraft

Reinforcement of frame 40 (ATA 53)

APPLICABILITY:

AIRBUS INDUSTRIE A330 aircraft models -202, -223, -301, -321, -322, -341 and -342 which have not received AIRBUS INDUSTRIE modification 45899 (or AIRBUS INDUSTRIE Service Bulletin A330-53-3093 at initial issue or any further approved revision).

REASONS:

1. To prevent crack initiation and propagation in several parts of the fuselage at frame 40 (at the front fitting, the connecting bracket, the circumferential strap, stringer 40 and on the fuselage skin), as evidenced during fatigue tests and which could lead to a reduced structural integrity.
2. Airworthiness Directive 1999-176-095(B) dealing with the same subject is cancelled and replaced by this airworthiness directive further to the more restrictive new thresholds defined by the manufacturer.

COMPLIANCE:

The following measures are rendered mandatory on the effective date of this Airworthiness Directive, unless already previously accomplished:

For A330-301, -321, -322, -341 and -342 a/c without Mod 43475 or SB A330-21-3027 (DeltaP=574 mb):

- Before accumulation of 7830 flights or 28070 flight hours since first flight, whichever occurs first, reinforce the frame 40 in accordance with the instructions given in the AIRBUS INDUSTRIE Service Bulletin A330-53-3093 Revision 2.

For A330-301, -321, -322, -341 and -342 a/c with Mod 43475 or SB A330-21-3027 (DeltaP=593 mb):

- Before accumulation of 7320 flights or 26130 flight hours since first flight, whichever occurs first, reinforce the frame 40 in accordance with the instructions given in the AIRBUS INDUSTRIE Service Bulletin A330-53-3093 Revision 2.

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November 03, 1999

AIRBUS INDUSTRIE
A330 aircraft

1999-449-105(B)

For A330-202 and -223 a/c:

- Before accumulation of 9700 flights or 28800 flight hours since first flight, whichever occurs first, reinforce the frame 40 in accordance with the instructions given in the AIRBUS INDUSTRIE Service Bulletin A330-53-3093 Revision 2.

Note : To minimize the risk of extensive damage that could lead to expensive repairs and extended grounding of the aircraft, it is recommended by the manufacturer to accomplish AIRBUS INDUSTRIE Service Bulletin A330-53-3093R2:

- Before accumulation of 4500 flights or 13400 flight hours, whichever occurs first for A330-301, -321, -322, -341 and -342 without Mod 43475 nor SB A330-21-3027.
- Before accumulation of 4100 flights or 12000 flight hours, whichever occurs first for A330-301, -321, -322, -341 and -342 with Mod 43475 or SB A330-21-3027.
- Before accumulation of 4300 flights or 12800 flight hours, whichever occurs first for A330-202, -223.

REF: AIRBUS INDUSTRIE Service Bulletin A330-53-3093 R2
(Or any further approved revisions)

This Airworthiness Directive replaces AD 1999-176-095(B) which is cancelled by its Revision 1.

EFFECTIVE DATE : NOVEMBER 13, 1999

SUPERSEDED