

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. : 1999-406-103(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A330 aircraft

Improve hydraulic bracket fatigue performance of the green hydraulic reservoir (ATA 53)

APPLICABILITY :

This Airworthiness Directive applies to AIRBUS INDUSTRIE A330 aircraft models -202, -301, -321, -322, -341, -342 which have not received either AIRBUS INDUSTRIE modification 45307 or AIRBUS INDUSTRIE Service Bulletin A330-53-3088 at original issue or any further approved revision.

REASONS :

1. To prevent a failure of the horizontal hydraulic bracket (green circuit), which could lead to the loss of the associated hydraulic circuit and to cause severe damage to the surrounding systems and to the primary structure.

This structural damage was evidenced during fatigue test.

2. Airworthiness Directive 98-452-079(B) dealing with the same subject is cancelled and replaced by this Airworthiness Directive further to the more restrictive new flight hours and flight cycles thresholds defined by the manufacturer.

COMPLIANCE :

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

Configuration 1 : For A330-202.

Before accumulation of 8540 flights or within 33300 flight hours since new, whichever occurs first, replace the horizontal hydraulic bracket of the green hydraulic reservoir in accordance with the instructions given in the AIRBUS INDUSTRIE Service Bulletin A330-53-3088 R3.

Configuration 2 : For A330-301, A330-321, A330-322, A330-341 and A330-342 with a cabin differential pressure of 574 mb (aircraft which have not received modification 43475 or Service Bulletin A330-21-3027).

Before accumulation of 8620 flights or within 33600 flight hours since new, whichever occurs first, replace the horizontal hydraulic bracket of the green hydraulic reservoir in accordance with the instructions given in the AIRBUS INDUSTRIE Service Bulletin A330-53-3088R3.

Configuration 3 : for A330-301, A330-321, A330-322, A330-341 and A330-342 with a cabin differential pressure of 593 mb (aircraft which have received modification 43475 or Service Bulletin A330-21-3027).

Before accumulation of 7880 flights or within 30700 flight hours since new, whichever occurs first, replace the horizontal hydraulic bracket of the green hydraulic reservoir in accordance with the instructions given in the AIRBUS INDUSTRIE Service Bulletin A330-53-3088R3.

REF. : AIRBUS INDUSTRIE Service Bulletin A330-53-3088R3
(or any further approved revisions)

This Airworthiness Directive replaces AD 98-452-079(B) which is cancelled by this Revision 1.

EFFECTIVE DATE : OCTOBER 30, 1999