

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. : 1999-407-124(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A340 aircraft

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

APPLICABILITY :

This Airworthiness Directive applies to AIRBUS INDUSTRIE A340 aircraft models -211, -212, -213, -311, -312, -313 which have not received either AIRBUS INDUSTRIE modification 45307 or AIRBUS INDUSTRIE Service Bulletin A340-53-4100 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 98-457-099(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 A340-211, A340-212, A340-311, A340-312.

Before accumulation of 5210 flights since new, replace the horizontal hydraulic bracket of the green hydraulic reservoir in accordance with the instructions given in the AIRBUS INDUSTRIE Service Bulletin A340-53-4100R3.

Configuration 2 : For A340-213 and A340-313 which have not received AIRBUS INDUSTRIE modification 41650.

Before accumulation of 5210 flights since new, replace the horizontal hydraulic bracket of the green hydraulic reservoir in accordance with the instructions given in the AIRBUS INDUSTRIE Service Bulletin A340-53-4100R3.

Configuration 3 : For A340-213 and A340-313 which have received AIRBUS INDUSTRIE modification 41650.

Before accumulation of 4830 flights since new, replace the horizontal hydraulic bracket of the green hydraulic reservoir in accordance with the instructions given in the AIRBUS INDUSTRIE Service Bulletin A340-53-4100R3.

REF. : AIRBUS INDUSTRIE Service Bulletin A340-53-4100R3
(or any further approved revisions)

This Airworthiness Directive replaces AD98-457-099(B) which is cancelled by this Revision 1.

EFFECTIVE DATE : OCTOBER 30, 1999