

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. : 1999-111-093(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A330 Aircraft

Blue main hydraulic power - Emergency braking (ATA 29, 32)

1. APPLICABILITY :

AIRBUS INDUSTRIE A330 aircraft, series -202, -223, -243, -301, -321, -322, -341 and -342 having not received :

- AIRBUS INDUSTRIE modification 45870 (or AIRBUS INDUSTRIE Service Bulletin A330-29-3054)
- Nor modifications 46231 and 46891 (or AIRBUS INDUSTRIE Service Bulletin A330-32-3083R2).

2. REASONS :

After loss of Normal Braking (GREEN hydraulic system) and Emergency Braking system (BLUE hydraulic system), Emergency Braking is still available using the BLUE hydraulic system accumulators (5426GG and 5427GG). Due to an internal leakage the accumulator charge is lost approximately 2 hours after loss of the Blue hydraulic system, resulting in a complete loss of emergency braking during landing.

3. MANDATORY ACTIONS :

In order to maintain Emergency Braking capability of the accumulators (5426GG and 5427GG) in the event of loosing both hydraulic circuits (BLUE and GREEN), the following measures are rendered mandatory on the effective date of this Airworthiness Directive :

- 3.1. Install on aircraft wiring provision for an emergency braking shut-off valve (9GZ) in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A330-29-3054.
- 3.2. Install emergency braking shut-off valve (9GZ) in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A330-32-3083R2.
- 3.3. Activate emergency braking shut-off valve system in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A330-32-3083R2.

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March 10, 1999

AIRBUS INDUSTRIE
A330 Aircraft

1999-111-093(B)

4. COMPLIANCE DATE :

The actions as per paragraph 3. are to be accomplished not later than July 31, 2001.

Note : Aircraft which have received during production AIRBUS INDUSTRIE Modification 45870 (wiring provision) are only concerned by the requirements of paragraphs 3.2 and 3.3 of this Airworthiness Directive.

This Airworthiness Directive replaces AD 1998-505-084(B) which is cancelled by its Revision 1.

REF. : AIRBUS INDUSTRIE Service Bulletin A330-29-3054
(or any further approved revision)
AIRBUS INDUSTRIE Service Bulletin A330-32-3083R2
(or any further approved revision).

EFFECTIVE DATE : MARCH 20, 1999