

# 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. : 1998-264-075(B) R4  
In case of any difficulty, reference should be made to the French original issue.

## AIRBUS INDUSTRIE

### A330 aircraft

Alternate braking system check (ATA 32)

#### APPLICABILITY :

All model A330 series aircraft, certified in any category on which AIRBUS INDUSTRIE 47210 modification or AIRBUS INDUSTRIE A330-32-3086 R1 Service Bulletin has not been embodied.

#### REASON :

This Airworthiness Directive is prompted by a recent event of an alternate braking system loss leading an A320 aircraft to go beyond the end of the runway at landing. This event was due to the freezing in flight of water ingressed in the bottom of the Braking Dual Distribution Valve (BDDV) preventing the alternate braking mode to operate at landing.

Revision 3 introduces an Alternate Means of Compliance (AMOC) which cancels the repetitive operational in-flight checks.

This Revision 4 takes into account AIRBUS INDUSTRIE 47210 modification

#### MANDATORY ACTION AND COMPLIANCE DATES :

In order to detect a possible loss of the alternate braking system resulting from a possible in flight seizure of a BDDV due to water freezing, the functional test and, when necessary, the associated maintenance tasks described in Paragraph 4 of AIRBUS INDUSTRIE A.O.T. 32-19 revision 2 dated August 20, 1998 must be applied and the results must be reported to AIRBUS INDUSTRIE.

#### ALTERNATE SOLUTION :

The modification of the BDDV in accordance with instructions given in AIRBUS INDUSTRIE Service Bulletin A330-32-3086 R1 constitutes an alternative means of compliance of the hereabove mentioned mandatory actions.

**Note 1 :** Embodiment of this modification introduces maintenance action 324314-01-1 at 4A interval.

**Note 2 :** Enquiries regarding the technical content of this AD should be made to :

DGAC France, SFACT/N.AT  
DGAC/SFACT/N.AT  
50 rue Henry Farman  
75720 PARIS CEDEX 15  
Tel : (33) 1 58 09 45 09 – Fax : (33) 1 58 09 42 20 (or 43 19)

Or to :

AIRBUS INDUSTRIE AI/EA  
1 Rond Point Maurice Bellonte  
31707 BLAGNAC CEDEX – France  
Tel : (33) 6 61 93 48 01 – Fax : (33) 5 61 93 44 51

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**REF. :** AIRBUS INDUSTRIE A.O.T. 32-19 Revision 2 dated August 20, 1998  
AIRBUS INDUSTRIE Service Bulletin A330-32-3086 R1  
(or any other later approved revision).

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This Revision 4 replaces the AD 98-264-075(B) R3 dated August 25, 1999.

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**EFFECTIVE DATES :**

**Original AD :** Upon receipt of the telegraphic AD  
issued on JULY 08, 1998  
**Revision 1 :** Upon receipt of the telegraphic AD  
issued on JULY 17, 1998  
**Revision 2 :** Upon receipt from AUGUST 26, 1998  
**Revision 3 :** SEPTEMBER 04, 1999  
**Revision 4 :** OCTOBER 16, 1999