

# AIRWORTHINESS DIRECTIVE

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*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. : 98-124-069(B)  
In case of any difficulty, reference should be made to the French original issue.

## AIRBUS INDUSTRIE

### A330 Aircraft

Flights controls - Introduce new Flight Control Primary and Secondary Computers standard M11 (FCPC and FCSC) (ATA 27)

#### Applicability :

This Airworthiness Directive applies to AIRBUS INDUSTRIE A330 series aircraft, models -301, -321, -322, -341 and -342 which have not received either AIRBUS INDUSTRIE modification 45631 and 45873 or AIRBUS INDUSTRIE Service Bulletin A330-27-3056 and A330-27-3057.

#### Reasons :

Replacement of the Flight Control Primary Computers and Flight Control Secondary Computers (FCPC and FCSC) is rendered mandatory for the following reasons :

- New Flight Control Primary Computers standard M11 improves the THS runaway protection in case of a failure of a manual override switch combined with a THSA control wheel blockage.
- New Flight Control Secondary Computers standard M11 allows to recover the full opening of the rudder travel limitation unit (RTL) in case of undue failure and to avoid a take-off with a rudder travel limitation on ground in high speed configuration.

#### Compliance :

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

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d/JYR

March 11, 1998

AIRBUS INDUSTRIE  
A330 Aircraft

98-124-069(B)

Before June 30, 1999,

1. Replace the 3 FCPCs (2CE1, 2CE2 and 2CE3) or replace the On Board Replaceable Module (OBRMs) of the 3 FCPCs in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A330-27-3056.
2. Replace the 2 FCSCs (3CE1 and 3CE2) or replace the On Board Replaceable Module (OBRMs) of the 2 FCSCs in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A330-27-3057.

The compliance with the paragraph 1 of this Airworthiness Directive cancels the requirements of Airworthiness Directive 97-064-044(B) R2.

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Ref. : AIRBUS INDUSTRIE Service Bulletin A330-27-3056  
(or any further approved revisions)  
AIRBUS INDUSTRIE Service Bulletin A330-27-3057  
(or any further approved revisions)

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**EFFECTIVE DATE : MARCH 21, 1998**