

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. : 1999-142-097(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A330 Aircraft

Flight control unit (FCU) (ATA 22)

APPLICABILITY :

AIRBUS INDUSTRIE A330 aircraft models -301, -321, -322, -341 and -342, which have received AIRBUS INDUSTRIE modification 44887 or Service Bulletin A330-22-3012, and which have not received one or both of the following AIRBUS INDUSTRIE modifications or Service Bulletins :

- 46170 modification (Service Bulletin A330-22-3021)
- 46596 modification (Service Bulletin A330-22-3020)

REASONS :

Following to the installation of the Auto Flight - Flight Control Unit (FCU) P/N K274AAM0507 on aircraft A330/A340 it has been reported the loss of the following functions during take-off :

- total loss of auto-pilot, flight director and auto-thrust function,
- when the selected range was different from 80 NM, loss of map display with "MAP NOT AVAIL" flag.

A double failure combined to severe weather conditions could lead to an increased workload for the flight crew to manage the control of the aircraft.

COMPLIANCE :

The following measures are rendered mandatory on the effective date of this Airworthiness Directive :

Before June 30th, 1999 unless previously accomplished,

- remove from the aircraft the Flight Control Unit P/N K274AAM0507,
- install a Flight Control Unit P/N K274AAM0506 in accordance with instructions given in AIRBUS INDUSTRIE Service Bulletin A330-22-3021.

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Alternative solution :

- (ii) installation of Flight Control Unit P/N K274AAM0608 in accordance with instructions given in AIRBUS INDUSTRIE Service Bulletin A330-22-3020.

REF. : AIRBUS INDUSTRIE Service Bulletin A330-22-3020
(or any further approved revision)
AIRBUS INDUSTRIE Service Bulletin A330-22-3021
(or any further approved revision)

EFFECTIVE DATE : APRIL 17, 1999