

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. : 2001-463(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A310 aircraft

Auto flight - Electric pitch trim (ATA 22)

APPLICABILITY:

AIRBUS INDUSTRIE A310 aircraft, all certified models, all serial numbers, except for aircraft on which AIRBUS INDUSTRIE modification No. 12277 has been embodied in production (or AIRBUS INDUSTRIE Service Bulletin A310-22-2052 in service).

REASONS:

Analyses of various in-service incidents led to the development of the new SEXTANT AVIONIQUE Flight Augmentation Computer (FAC) standard (P/N B471ABM4).

This new standard introduces, among others:

- the "theta trim" function, which initiates a nose down pitch trim command, according to the attitude changes. It facilitates the control of the attitude in go-around.
- a modification to the detection logic of the loss of the Autotrim function, so that a single failure of the AP engagement signal received by the FAC is now detected by the FAC. It makes it possible to delete the check requirement of Airworthiness Directive 2000-115-304(B).

ACTIONS:

Before August 31, 2003, replace the two FACs installed on every aircraft in accordance with the instructions of AIRBUS INDUSTRIE SB A310-22-2052.

REF.: AIRBUS INDUSTRIE SB A310-22-2052
Any later approved revision of this SB is acceptable.

EFFECTIVE DATE : OCTOBER 13, 2001