

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. : 2002-134(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS

A340 aircraft

FMGEC Computer - "Incorrect Nav Guidance upon F-PLN Sequencing" (ATA 22)

APPLICABILITY:

AIRBUS A340 aircraft, models -211, -212, -213, -311, -312 and -313, all serial numbers except the following aircraft:

- Aircraft which have received AIRBUS INDUSTRIE Service Bulletin (SB) A340-22-4029 (FMGEC standard L10),
- Aircraft which have received on production AIRBUS modification 47990 (or SB A340-22-4025), (FMGEC standard P1).

REASONS:

An anomaly of the FMGEC software was reported by some operators equipped with FMGEC standard L6 and L7.

This anomaly, "Incorrect Nav Guidance upon F-PLN sequencing", led the aircraft not to follow the exact trajectory inserted in the flight plan.

Airworthiness Directive (AD) 2000-447-156(B) was issued to mandate the aircraft Flight Manual Temporary Revision (FM TR) No. 4.03.00/23 DGAC approved on September 13, 2000 and its related procedure.

This AD aims at restating the enforcement of the FM TR and at mandating the replacement of all the FMGEC standard L6 and L7 by FMGEC standard L10 or P1.

FMGEC standard L6 have been installed in production by AIRBUS Modification 44495 (or in service by SB A340-22-4011).

FMGEC standard L7 have been installed in production by AIRBUS Modification 45237 (or in service by SB A340-22-4016).

This AD replaces AD 2000-447-156(B) which is cancelled.

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March 20, 2002

AIRBUS
A340 aircraft

2002-134(B)

COMPLIANCE:

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

1. From November 10, 2000 (effective date of AD 2000-447-156(B) at original issue), insert in the aircraft Flight Manual the Temporary Revision (TR) No. 4.03.00/23 DGAC approved on September 13, 2000 and follow the related procedure.
2. Not later than December 31, 2003, replace all the FMGEC standards L6 and L7 by FMGEC standard L10 or P1 following the instructions of the following SB's:

SB A340-22-4029 (L7 to L10),
SB A340-22-4025 (L7 to P1) and/or
SB A340-22-4016 (L6 to L7) .

Accomplishment of the paragraph 2 of this AD cancels the requirement of the paragraph 1 and the F.M. TR No. 4.03.00/23 must be removed from the F.M.

REF.: AIRBUS INDUSTRIE A340 F.M. TR 4.03.00/23 dated September 13, 2000
AIRBUS INDUSTRIE Service Bulletin A340-22-4016
AIRBUS INDUSTRIE Service Bulletin A340-22-4029
AIRBUS INDUSTRIE Service Bulletin A340-22-4025
(Any later approved revision is acceptable).

This AD replaces AD 2000-447-156(B) which is cancelled.

EFFECTIVE DATE : MARCH 30, 2002