

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. : 2000-185-148(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A340 aircraft

CFM56-5C Engines -
Replacement of thrust reverser pivoting door pivot bolts (ATA 78)

APPLICABILITY:

AIRBUS INDUSTRIE A340 aircraft models -211, -212, -213, -311, -312 and -313 which have not received in production either AIRBUS INDUSTRIE modification 47296 or having not been retrofitted in-service in accordance with Vendor Service Bulletin BF Goodrich RA340A78-59 Revision 1.

REASONS:

An A340 operator experienced a CFM56-5C engine thrust reverser door failure to stow after landing.

Investigation revealed that upper right pivoting door pivot bolt was broken.

Expertise results and laboratory investigations of the failed pivot bolt confirmed material stress corrosion as the root cause.

Rupture of a pivot bolt on one thrust reverser door may affect the door fixation system in flight.

COMPLIANCE:

In order to maintain structural integrity of the pivot bolts in the thrust reverser doors of CFM56-5C engines, the following measures are rendered mandatory on the effective date of this Airworthiness Directive:

Unless already previously accomplished,

- for thrust reversers which have accumulated 20,000 flight hours on March 31, 2000, not later than September 30, 2000 or,
- for thrust reversers which have not accumulated 20,000 flight hours on March 31, 2000, at the latest June 30, 2001,

remove the pivot pins in the thrust reverser doors (8 pins per engine) and replace them with pivot pins of improved design in accordance with instructions given in Vendor Service Bulletin BF Goodrich RA340A78-59 Revision 1.

REF. : Service Bulletin BF Goodrich RA340A78-59 Revision 1
(or any further approved revisions).

EFFECTIVE DATE : MAY 13, 2000