

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. : 2001-385(B)
 In case of any difficulty, reference should be made to the French original issue.

CFM INTERNATIONAL

CFM56-5C turbofan engines

Low pressure turbine (LPT) conical support cycle life limit (ATA 72)

1. APPLICABILITY

CFM56-5C that are equipped with a low pressure turbine (LPT) conical support P/N: 337-002-407-0.

2. REASON

The CFM56-5C Engine Shop Manual, Chapter 5, published a LPT conical support, P/N: 337-002-407-0, cycle life limit that is not the certified limit for CFM56-5C4 and CFM56-5C4/1.

3. MANDATORY ACTIONS AND COMPLIANCE

To prevent an LPT conical support from remaining in service beyond its certified cyclic life limit, which could result in an uncontained engine failure and damage to the aircraft, accomplish the following:

3.1. The life limit of the LPT conical support, P/N 337-002-407-0, is:

Applications	Life limit in cycles since new (CSN)
CFM56-5C2, -5C2/F, -5C2/F4, -5C2/G, -5C2/G4, -5C2/4, -5C3/F, -5C3/F4, -5C3/G, -5C3/G4	15,000
CFM56-5C4, -5C4/1	9,350

3.2. After the effective date of this AD, remove and scrap any LPT conical support, P/N 337-002-407-0, if it has accumulated 9,350 CSN or more in a CFM56-5C4 or CFM56-5C4/1 engine.

Note: If a LPT conical support has been used in more than one engine model, compute its life limit using one of the two methods of the CFM56-5C "Engine Shop Manual", chapter 5: life limits of engine rotating parts.

REF. : CFM56-5C Engine Shop Manual

EFFECTIVE DATE : SEPTEMBER 15, 2001

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September 05, 2001	CFM INTERNATIONAL CFM56-5C turbofan engines	2001-385(B)
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