

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. : 2002-470(B)
In case of any difficulty, reference should be made to the French original issue.

CFM INTERNATIONAL

CFM56-5B and CFM56-7B turbofan engines

2nd and 3rd stage low pressure (LP) turbine nozzle segments (ATA 05, 72).

1. APPLICABILITY:

CFM56-5B and CFM56-7B engines that are equipped with stage 2 LP turbine nozzle segments references 338-109-104-0, 338-109-105-0, 338-109-106-0, 338-109-204-0, 338-109-205-0, 338-109-206-0, 338-109-304-0, 338-109-305-0, 338-109-306-0 and/or with stage 3 LP turbine nozzle segments references 338-109-702-0, 338-109-802-0.

2. REASON:

In case of an over speed which would be caused by the LP turbine shaft failure, the turbine nozzle segment change imposed by this Airworthiness Directive limits the maximum speed that is attained by the LP turbine rotor, in compliance with the certification criteria.

3. MANDATORY ACTIONS AND COMPLIANCE:

Starting from the effective date of the present Airworthiness Directive, the installation of stage 2 LP turbine nozzle segments references 338-109-104-0, 338-109-105-0, 338-109-106-0, 338-109-204-0, 338-109-205-0, 338-109-206-0, 338-109-304-0, 338-109-305-0, 338-109-306-0 and of stage 3 LP turbine nozzle segments references 338-109-702-0, 338-109-802-0 is forbidden.

The stage 2 LP turbine nozzle segments references 338-109-104-0, 338-109-105-0, 338-109-106-0, 338-109-204-0, 338-109-205-0, 338-109-206-0, 338-109-304-0, 338-109-305-0, 338-109-306-0 and the stage 3 LP turbine nozzle segments references 338-109-702-0, 338-109-802-0 currently in service shall be replaced before they accumulate more than 25000 cycles since new, or at the next engine shop visit that requires the removal of these nozzles, whichever occurs first.

REF.: Service Bulletin CFMI No. CFM56-5B S/B 72-0328 and
Service Bulletin CFMI No. CFM56-7B S/B 72-0241.

This AD replaces AD 2002-031(B) which is cancelled.

EFFECTIVE DATE : SEPTEMBER 28, 2002

d/JFS

September 18, 2002

CFM INTERNATIONAL
CFM56-5B and CFM56-7B turbofan engines

2002-470(B)