General Electric Turbine Engines - CF6 Series

AIRWORTHINESS DIRECTIVE

For the reasons set out in the background section, the CASA delegate whose signature appears below issues the following Airworthiness Directive (AD) under subregulation 39.1 (1) of CAR 1998. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct the unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

AD/CF6/40 Fan Mid Shaft 7/2000

Applicability: General Electric CF6-80C2 series turbofan engines incorporating fan mid shafts, Part No. 9326M74P04 or 9326M74P05.

Requirement: Remove affected fan mid shafts from service.

Note 1: FAA AD 2000-03-04 also refers.

Note 2: General Electric SB's CF6-80C2 SB 72-750 and CF6-80C2 SB 72-958 also refer.

Compliance: For mid shafts that have accumulated 9,000 or more cycles since new (CSN) as of the effective date of this Directive remove from service within 3,500 cycles in service (CIS) or prior to accumulating 15,000 CSN, whichever occurs first.

For mid shafts that have accumulated 1,800 CSN or more, but less than 9,000 CSN as of the effective date of this Directive, remove from service within 5,000 CIS or prior to accumulating 12,500 CSN, whichever occurs first.

For mid shafts that have accumulated less than 1,800 CSN as of the effective date of this Directive remove from service prior to accumulating 6,800 CSN.

This Airworthiness Directive becomes effective on 13 July 2000.

Background: The FAA advises that recent component test data requires removal of certain fan mid shafts from service at a revised lower cycle life limit.

Eugene Paul Holzapfel
Delegate of the Civil Aviation Safety Authority

2 June 2000

The above AD is notified in the *Commonwealth of Australia Gazette* on 14 June 2000.