



No.	CF-2001-41	1/1
Issue Date	15 November 2001	

AIRWORTHINESS DIRECTIVE

The following airworthiness directive (AD) may be applicable to an aircraft which our records indicate is registered in your name. ADs are issued pursuant to **Canadian Aviation Regulation (CAR) 593**. Pursuant to **CAR 605.84** and the further details of **CAR Standard 625, Appendix H**, the continuing airworthiness of a Canadian registered aircraft is contingent upon compliance with all applicable ADs. Failure to comply with the requirements of an AD may invalidate the flight authorization of the aircraft. Alternative means of compliance shall be applied for in accordance with **CAR 605.84** and the above-referenced **Standard**.

This AD has been issued by the Continuing Airworthiness Division (AARDG), Aircraft Certification Branch, Transport Canada, Ottawa, telephone (613) 952-4357.

Number: CF-2001-41

Subject: Inspection of the Accessory Gearbox (AGB) Coupling Shaft Lockball

Effective: 15 November 2001

Applicability: All Pratt & Whitney Canada PT6A-62 engines.

Compliance: Within the next 25 hours air time, unless already accomplished.

Background: An uncommanded in-flight shut down occurred on a PT6A-62 engine installed on a PC-9M aircraft. It was later determined that the ball bearing of the lockball mechanism in the AGB became a loose foreign object that caused damage to the gear(s) within the AGB.

Pratt & Whitney Canada has developed an inspection to ensure the proper engagement of the lockball mechanism to prevent future occurrence.

Corrective Actions: Perform an inspection of the accessory gearbox coupling shaft lockball mechanism in accordance with P&WC Service Bulletin No. 13358 dated 13 September 2001, or later revisions approved by the Chief, Continuing Airworthiness, Aircraft Certification, Transport Canada.

Authorization: For Minister of Transport

B. Goyaniuk
Chief, Continuing Airworthiness

Contact: Mr. Luc Deniger, Continuing Airworthiness, Ottawa, telephone (613) 952-5385, facsimile (613) 996-9178 or e-mail denigel@tc.gc.ca or any Transport Canada Centre.

Other: This directive was originally issued 15 November 2001 by facsimile and other electronic means.