



No.	CF-2002-04	1/1
Issue Date 16 January 2002		

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-2002-04

Subject: Pratt & Whitney Canada - Inspection of Fuel Control Unit

Effective: 28 February 2002

Applicability: All Pratt & Whitney Canada (P&WC) PT6A-64, PT6A-65AG, PT6A-65B, PT6A-66A, PT6A-67AG, and PT6A-67B engines.

Compliance: Within 200 flight hours or 120 calendar days, whichever occurs first after the effective date of this directive, unless already accomplished.

Background: An investigation of an in-flight shutdown occurrence involving a PT6A-65AG engine revealed that Woodward fuel control units fitted on PT6A-64, PT6A-65AG, PT6A-65B, PT6A-66A, PT6A-67AG, and PT6A-67B engines were potentially assembled in such a manner that a bearing in the governing section could overload and seize. This situation is considered a safety hazard as the majority of these engine models are installed on single engine aircraft. P&WC, with the co-operation of Woodward, issued Alert Service Bulletins (ASBs) A13341 and A14305 to address this safety issue.

Corrective Actions: Inspect the Fuel Control Unit (FCU) installed or in-stock to determine whether the FCUs part number and serial number are listed in the effectivity section of P&WC ASB A13341R1 (Woodward SB 60073-73-1) or P&WC ASB A14305R1 (Woodward SB No. 60054-73-8 or 60068-73-5).

1. If the FCU is not listed in the effectivity section of P&WC ASBs A13341R1 or A14305R1, no further action is required by this directive.
2. If the FCU is listed, conduct the inspection and disposition of the FCU in accordance with P&WC ASBs A13341R1 or A14305R1, both dated 1 August 2000, or its 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, (613) 952-5385, facsimile (613) 996-9178 or e-mail denigel@tc.gc.ca or any Transport Canada Centre.