



Transport
Canada

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No. CF-78-03

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.

CF-78-03 PRATT & WHITNEY CANADA

Applies to Pratt & Whitney Aircraft of Canada Limited PT6A- 6, -6A, -6/C20, -20, -20A, -20B, -21, -27, -28, -34 and PT6B-9 engines.

Compliance required as indicated below unless already accomplished.

1. For all PT6 Engine Models listed, incorporate modification and carry out inspections in accordance with Service Bulletin Number 1217, Revision 3, and later Department of Transport approved amendments.
2. For PT6A-6, -6A, -6B, -6/C20, -20, -20A and -20B Engines, retorque second stage pinion shaft bolts in accordance with revised torquing and tab-locking procedure described in Pratt & Whitney Aircraft of Canada Ltd. Special Instruction Number 6-75 dated November 2, 1975, or Service Bulletin Number 1248 dated November 3, 1976, and later Department of Transport approved amendments, during the first visit to an overhaul facility, at any time the engine is split at the "A" flange, or within 4,000 hours in service accumulated from February 1, 1977, or within thirteen (13) months from February 1, 1977, whichever occurs first.

For PT6A-27, -28, -34 and PT6B-9 Model Engines, retorque second stage pinion shaft bolts in accordance with revised torquing and tab-locking procedure described in Pratt & Whitney Aircraft of Canada Ltd. Special Instruction Number 6-75 dated November 2, 1975, or Service Bulletin Number 1248 dated November 3, 1976, and later Department of Transport approved amendments, during the first visit to an overhaul facility, at any time the engine is split at the "A" flange or within 4,000 hours in service accumulated from February 1, 1977, whichever occurs first.

4. For PT6A-6, -6A, -6B and PT6B-9 Model Engines, incorporate the power turbine blade modification described in Pratt & Whitney Aircraft of Canada Ltd. Engine Service Bulletin Number 1233, dated November 3, 1975, and later Department of Transport approved amendments, during the first visit to an overhaul facility, or within 4,000 hours in service accumulated from February 1, 1977, or within thirteen (13) months from February 1, 1977, whichever occurs first.

5. For PT6A-C20, -20, -20A and -20B Model Engines, incorporate the power turbine blade and power turbine containment modifications described in Pratt & Whitney Aircraft of Canada Ltd. Engine Service Bulletins Numbers 1233 and 1246 dated November 3 and 5, 1975, respectively, and later Department of Transport approved amendments, during the first visit to an overhaul facility, or within 4,000 hours in service accumulated from February 1, 1977, or within thirteen (13) months from February 1, 1977, whichever occurs first.

6. For PT6A-27, -28 and -34 Model Engines, incorporate the improved power turbine containment modification described in Pratt & Whitney Aircraft of Canada Ltd. Engine Service Bulletin Number 1220, Revision Number 5, dated August 22, 1977, and later Department of Transport approved amendments, during the first visit to an overhaul facility, or within 8,000 hours in service accumulated from February 1, 1977, or within thirty-seven (37) months from February 1, 1977, whichever occurs first.

This Directive supersedes Airworthiness Directive CF-76-25 dated December 31, 1976.

This Directive becomes effective February 28, 1978.

Pursuant to CAR 202.51 the registered owner of a Canadian aircraft shall, within seven days, notify the Minister in writing of any change of his or her name or address. To request a change of address, contact the Civil Aviation Communications Centre (AARC) at Place de Ville, Ottawa, Ontario K1A 0N8, or 1-800-305-2059, or <http://www.tc.gc.ca/civilaviation/communications/centre/address.asp>.

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