

PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

CAA-AD-114/2000

Datum vydání: 19. prosince 2000

MOTOR - OHŘÍVAČ PALIVA - VÝMĚNA

Týká se: všech následujících motorů vyrobených firmou Pratt & Whitney Canada (P&WC) PW118, PW118A, PW118B, PW119B, PW119C, PW120, PW120A, PW121, PW121A, PW123, PW123B, PW123C, PW123D, PW123E, PW123AF, PW124B, PW125B, PW126, PW126A, PW127, PW127B, PW127E, PW127F, PW127G, PW127H, PW127J, instalovaných na následujících letounech, ale nejen na těchto: Aerospatiale ATR-42/-72, Bombardier DHC-8 Series 100/200/300, Bombardier CL-215T/CL-415, CASA C295, Embraer EMB120, Fairchild Dornier 328, Fokker 50/60, Ilyushin IL-114-100, Jetstream ATP a XIAN MA-60.

Datum účinnosti: 25. ledna 2001

Provést v termínech: Jak je popsáno v TC AD CF-2000-34 (příloha tohoto PZZ).

Postup provedení prací: Dle TC AD CF-2000-34.

Poznámky: Provedení tohoto PZZ musí být zapsáno do letadlové knihy. Případné dotazy týkající se tohoto PZZ adresujte na ÚCL technický inspektorát - Ing. Stibůrek. Pokud to vyžaduje povaha tohoto PZZ, musí být zapracován do příslušné části dokumentace pro obsluhu, údržbu a opravy letadla. Tento PZZ byl vypracován na základě TC AD CF-2000-34.

Ing. Pavel MATOUŠEK
Ředitel technického inspektorátu
Úřad pro civilní letectví

TC AD No.: CF-2000-34
PRATT & WHITNEY CANADA

Applies to all Pratt & Whitney Canada (P&WC) PW118, PW118A, PW118B, PW119B, PW119C, PW120, PW120A, PW121, PW121A, PW123, PW123B, PW123C, PW123D, PW123E, PW123AF, PW124B, PW125B, PW126, PW126A, PW127, PW127B, PW127E, PW127F, PW127G, PW127H and PW127J engines installed on, but not limited to, Aerospatiale ATR-42/-72, Bombardier DHC-8 Series 100/200/300, Bombardier CL-215T/CL-415, CASA C295, Embraer EMB120, Fairchild Dornier 328, Fokker 50/60, Ilyushin IL-114-100, Jetstream ATP and XIAN MA-60 aircraft.

Compliance is required as indicated, unless already accomplished.

There have been a few incidents involving a Stewart Warner fuel heater where the studs that retain the fuel filter bowl have been pulled from the parent housing, which has resulted in fuel leakage. This problem was due to overtorquing of the nuts which are threaded onto the studs during maintenance, and the housing material hardness which may have been reduced through exposure to high temperatures such as a heat treatment process used to remove the flame arrest coating. P&WC has amended the applicable manuals to include additional notes on the adverse effects of excessive torque being applied to the nuts of the fuel filter bowl studs. In addition, the fuel heater was re-designed to remove the flame arrest coating.

In order to ensure the safe operation of the aircraft, comply with the following:

1. Within 30 days after the effective date of this directive, all pre P&WC Service Bulletin (SB) 21100 fuel heaters, Stewart Warner (SW) part number series 10718, currently held as spares or not installed on engines, must be removed from service.

2. (a) At or before the next engine low pressure (LP) fuel filter removal, or before 31 August 2002, whichever occurs first, remove from service all pre P&WC SB 21100 fuel heaters (installed on engines), SW part number series 10718 listed in Tables 1 and 2 of this directive, and replace with post P&WC SB 21100 units.

(b) Before 31 August 2002, remove from service all pre P&WC SB 21100 fuel heaters (installed on engines), SW part number series 10718 not listed in Tables 1 and 2 of this directive, and replace with post P&WC SB 21100 units.

TABLE 1

10718E Derivatives			
10718E	10718H	10718R	10718V
10718E/AA	10718H-E	10718R/AA	10718V/AD
10718E/AA/AD	10718H/V	10718R/AA/AD	10718V/AD/AG
10718E/AD	10718H/V/AG	10718R/AA/AD/AG	10718V/AG
	10718H/AA	10718R/AA/AG	10718AA
	10718H/AA/AD	10718R/AD	10718AA/AG
	10718H/AA/AD/AG	10718R/AD/AG	10718AD
	10718H/AA/AG	10718R/AG	10718AG
	10718H/AD		
	10718H/AD/AG		
	10718H/AG		

TABLE 2

10718F Derivatives			
10718F	10718J	10718T	10718W
10718F/AB	10718J-F	10718T/AB	10718W/AE
10718F/AB/AE	10718J/W	10718T/AB/AE	10718W/AE/AH
10718F/AE	10718J/W/AH	10718T/AB/AE/AH	10718W/AH

10718F/V	10718J/AB	10718T/AB/AH	10718AB
	10718J/AB/AE	10718T/AE	10718AB/AH
	10718J/AB/AE/AH	10718T/AE/AH	10718AE
	10718J/AB/AH	10718T/AH	10718AH
	10718J/AE		
	10718J/AE/AH		
	10718J/AH		

This directive becomes effective 29 December 2000.

For Minister of Transport.

B. Goyaniuk

Chief, Continuing Airworthiness

For further information contact a Transport Canada Centre or Mr. Robin Lau, Transport Canada, Continuing Airworthiness Division, Ottawa, telephone (613)952-4461, facsimile (613)996-9178 or e-mail laur@tc.gc.ca.