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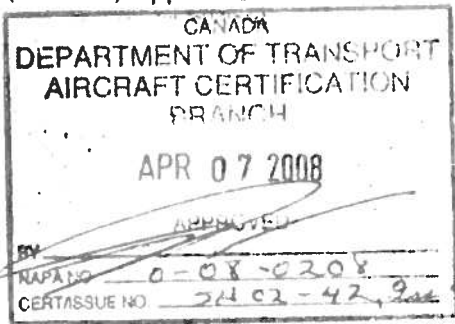
SUBJECT: AIRFRAME FUEL FILTER (P/N 350-600024)

The Airframe Fuel Filter enables operation of the helicopter at low temperatures without the use of anti-ice additives in the fuel. The filter is designed to collect ice particles.

APPLICABILITY :

This Flight Manual Supplement must be used when the Airframe Fuel Filter is installed on the helicopter.

Department of Transport
(Canada) Approved



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IMPORTANT NOTE

THE INFORMATION AND DATA CONTAINED IN THIS DOCUMENT SUPERSEDE OR SUPPLEMENT THAT CONTAINED IN THE BASIC APPROVED FLIGHT MANUAL FOR THE AS 350 B3 HELICOPTER IN THOSE AREAS LISTED HEREIN. FOR LIMITATIONS, PROCEDURES AND PERFORMANCE NOT CONTAINED IN THIS DOCUMENT REFER TO THE APPROVED FLIGHT MANUAL AND OTHER APPLICABLE APPROVED FLIGHT MANUAL SUPPLEMENTS

SECTIONS 2, 3, 4, AND 5 OF THIS DOCUMENT COMPRISE THE APPROVED FLIGHT MANUAL SUPPLEMENT COMPLIANCE WITH SECTION 2, LIMITATIONS, IS MANDATORY

SECTIONS 1 AND 6 ARE UNAPPROVED AND ARE PROVIDED FOR INFORMATION ONLY

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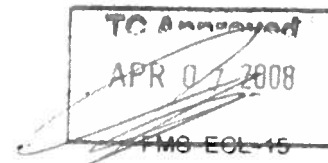
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RECORD OF REVISIONS

Rev	Pages at this Revision	Description Reason Changed Pages	Prepared (name and date)	Checked (name and date)	App'd/Acc'd (Civil A/W Authority) (name and date)	Released (name and date)
0	1 through 5	Original Issue	H. Paulsch	B. Manson	TCCA Eric Cheung 10 Sept. 1998	B. Manson
1	1 through 5	Pages 4, revised Temperature Limitations	D. Kerr 13 May, 2003	B. Manson	TCCA Eric Cheung 13 May, 2003	B. Manson
2	1 through 7	Pages 1 through 7 Format update, text revisions	D. Kerr 19 Dec. 2003	T. Czamecki 19 Dec., 2003	TCCA Eric Cheung 19 Dec., 2003	B. Manson 19 Dec., 2003
3	1 through 7	Pages 1 through 7, Format update, text revisions.	D. Kerr 21 July 2004	C. Timmins 21 July 2004	TCCA E. Cheung 3 Aug. 2004	R. Manson 3 Aug. 2004
4	1 through 9	Revised Preflight Checks and operation of Press to Test button. Placard locations clarified (Pages 3 to 7)	D. Kerr 12 June 2006	C. Timmins 13 June 2006	TCCA J. Palmer 13 June 2006	P. Garofalo 14 June 2006
5	1 through 8	Addition of illustration to Section 3. Revised Section 4, Normal Procedures, Before the First Flight of Each Day added before the Pre-Flight Check Section 6, location of the Weight and Balance information corrected (Page 6 to 8)	D. Kerr 17 August 2006	C. Timmins 18 August 2006	TCCA J. Palmer 7 December 2006	R. Manson 11 December 2006
6	1 through 8	Replace "boost" pump reference with "fuel" pump in Sec. 4. Addition of placard on Fuel Filter. (Pages 4 to 7)	See page 1	See page 1.	See page 1.	See page 1.

NOTE Revisions to this document will be distributed to operators of this equipment by the STC holder
NOTE Revised portions of affected pages are identified by a vertical black line in the margin adjacent to the change

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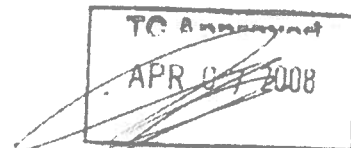
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FIGURES

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1. GENERAL (unapproved)

The installation of the Airframe Fuel Filter system enables operation of the helicopter at low operating temperatures (below -20°C) without the use of anti-ice additives in the fuel. The filter is designed to collect ice particles.

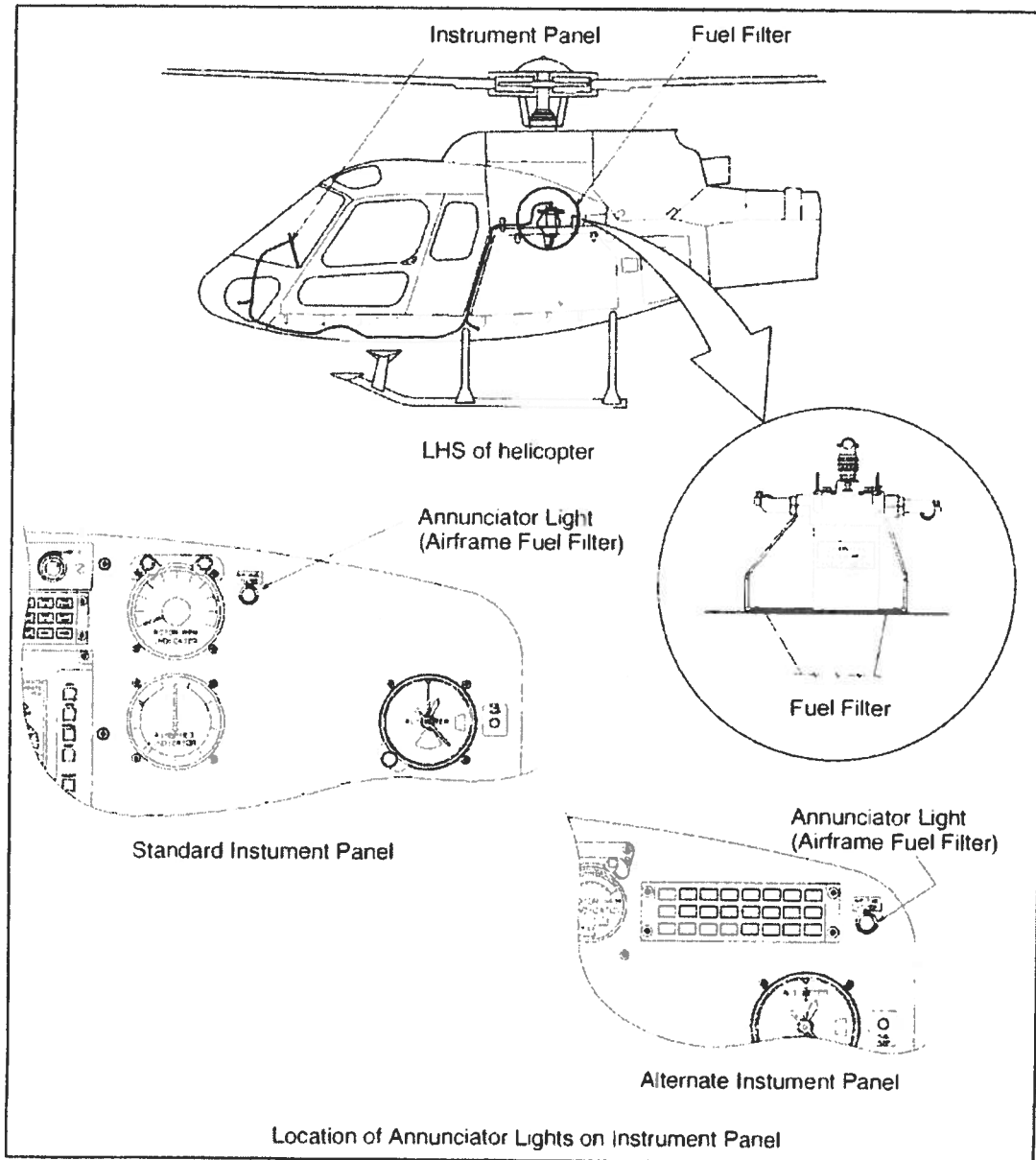
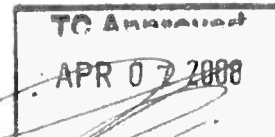


Figure 1 Airframe Fuel Filter Installation

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2. LIMITATIONS

a. Operation

Maximum Operating Altitude in Flight

Jet A	-	Hp = 21,000 ft.
Jet B	-	Hp = 15,000 ft.

Temperature Limitations

i. Minimum Temperature	-	No change
ii. Maximum Temperature	-	Jet A - No change
	-	Jet B - ISA + 30° C
		- Limited to + 43° C

Fuel Additives

Anti-ice additives are not required when operating with the standard fuel system.

When an operating Ferry Flight Fuel Tank is installed, anti-ice additives must be used at temperatures below -20° C.

b. Placards

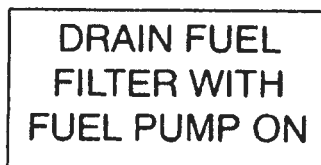
There are two placards associated with the Airframe Fuel Filter Installation. For placard locations, refer to Figure 1.

1) Placard:



Location: Located on the RHS of the Rotor RPM Indicator on the Standard Instrument Panel, or RHS of the Annunciator Panel Instrument Panel on Alternate Instrument Panel.

2) Placard:



Location: Located on the Fuel Filter facing outboard.

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3. EMERGENCY PROCEDURES

FUEL FILT LIGHT ON
OR
A/F FUEL FILTER LIGHT ON

- Follow basic Flight Manual procedures for FUEL FILT LIGHT ON.

FUEL FILT LIGHT ON
AND
A/F FUEL FILTER LIGHT ON

- Land as soon as possible
- Monitor Ng; if oscillations occur, land immediately and apply autorotation procedure.

NOTE If annunciator light illuminates during flight it may indicate an impending bypass of the filter.

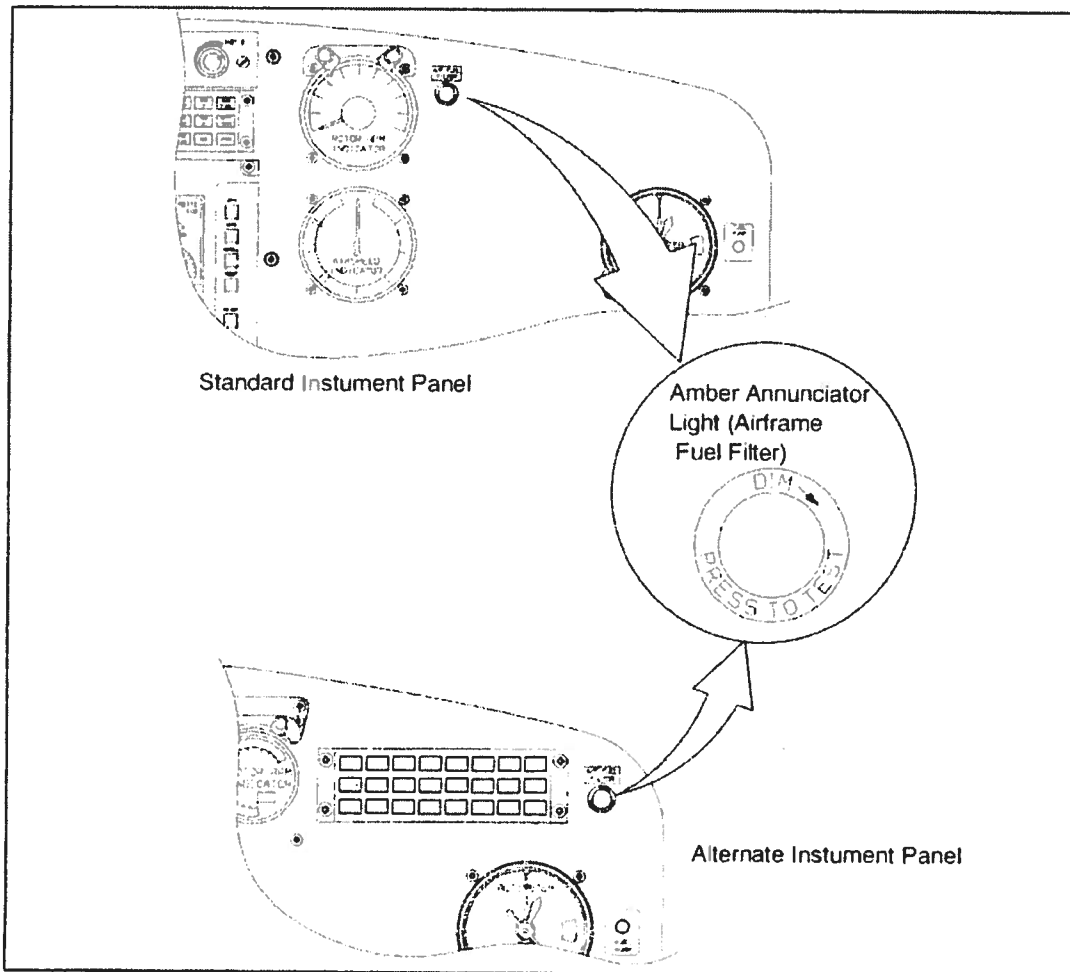
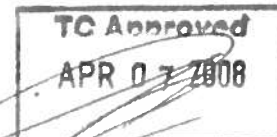


Figure 2 Press to Test / Annunciator Light on the Instrument Panel

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4. NORMAL PROCEDURES

a. Before the first flight of each day

- Battery - ON
- Fuel pump - ON
- Fuel filter and lines - Open drain valve, purge any air or water from the system. Close drain valve.
- Drain valve and fuel filter - Check for leaks
- Fuel Pump - OFF
- Battery - OFF
- Fuel drain and transmission deck - No debris on fuel drain and/or transmission deck

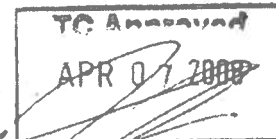
b. Pre-Flight Check

- Battery - ON
- Press A/F FUEL FILTER by-pass "press to test" caution light - Caution light illuminates

5. PERFORMANCE DATA

No Change.

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6. WEIGHT AND BALANCE (UNAPPROVED)

Total changes to weight and balance resulting from this modification are covered in the applicable instructions for continued airworthiness.

Items that are removed between routine operations: Not applicable

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