



Kestrel Publications



GROB CT-102 TRAINER ROYAL CANADIAN AIR FORCE SERIAL NUMBERS & INDIVIDUAL HISTORIES



by T.F.J. Leversedge

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Overview

This publication is intended to provide a brief overview / summary of individual aircraft histories using information drawn from personal documents / records and other publicly available references identified at the end of the publication. In addition, this information has been further supplemented and / or verified against available RCAF incident / accident reports.

About the Author



Terry Leversedge was born in Moose Jaw, Saskatchewan, while his father was serving at Royal Canadian Air Force (RCAF) Station Moose Jaw. He later graduated from the Royal Military College, Kingston, with a degree in Mechanical Engineering in 1979, and then received a Masters degree in aerospace vehicle design from the Cranfield Institute of Technology in the United Kingdom. His career in military aerospace engineering encompassed a wide number of positions at both field units and within the headquarters of the RCAF, before he retired after 35 years of service at the rank of Brigadier General. Now an aviation consultant and amateur historian, he is the author of other commercially available books on Canadian military aviation subjects and has published numerous articles as the Editor-In-Chief at *Airforce* magazine, the flagship publication of the Royal Canadian Air Force Association.

Additional Information

The information in this serial as accurate and up to date as possible based upon the available public sources. It should not, however, be construed as an "official" list nor 100% accurate. Any errors of commission or omission are solely those of the author. As with all endeavours of this nature, however, the author would be pleased to hear of any additional information and / or corrections. Please provide any details to: Kestrel Publications at kestrelpubs@gmail.com

Dedication

This publication is dedicated to all those who fly and maintain these CT-102 aircraft.

Cover Image Notes

CT-102 C-FPFL airborne over Portage La Prairie, MB. - (Unknown photo credit)



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CT-102 / G120A Grob Serials

Registration	Manufacturer	c/n	Model	Designation	Name
C-FPFG	Grob	85026	G 120A	CT-102	
<p>TOS: 24 March 2006 - Registration issued to Allied Wings</p> <p>Used for primary flight training by No. 3 CFFTS at the Canadian Aviation Training Centre, Southport, MB, as of 2006/2007.</p>					
C-FPFJ	Grob	85027	G 120A	CT-102	
<p>TOS: 24 March 2006 - Registration issued to Allied Wings</p> <p>Used for primary flight training by No. 3 CFFTS at the Canadian Aviation Training Centre, Southport, MB, as of 2006/2007.</p>					
C-FPFK	Grob	85028	G 120A	CT-102	
<p>TOS: 24 March 2006 - Registration issued to Allied Wings</p> <p>Used for primary flight training by No. 3 CFFTS at the Canadian Aviation Training Centre, Southport, MB, as of 2006/2007.</p>					
C-FPFM	Grob	85029	G 120A	CT-102	
<p>TOS: 24 March 2006 - Registration issued to Allied Wings</p> <p>Used for primary flight training by No. 3 CFFTS at the Canadian Aviation Training Centre, Southport, MB, as of 2006/2007.</p>					
C-FPFN	Grob	85030	G 120A	CT-102	
<p>TOS: 24 March 2006 - Registration issued to Allied Wings</p> <p>Used for primary flight training by No. 3 CFFTS at the Canadian Aviation Training Centre, Southport, MB, as of 2006/2007.</p>					
C-FPFO	Grob	85031	G 120A	CT-102	
<p>TOS: 27 April 2006 - Registration issued to Allied Wings</p> <p>Used for primary flight training by No. 3 CFFTS at the Canadian Aviation Training Centre, Southport, MB, as of 2006/2007.</p>					
C-FPFU	Grob	85032	G 120A	CT-102	
<p>TOS: 27 April 2006 - Registration issued to Allied Wings</p> <p>Used for primary flight training by No. 3 CFFTS at the Canadian Aviation Training Centre, Southport, MB, as of 2006/2007.</p>					
C-FPFV	Grob	85033	G 120A	CT-102	
<p>TOS: 27 April 2006 - Registration issued to Allied Wings</p> <p>for primary flight training by No. 3 CFFTS at the Canadian Aviation Training Centre, Southport, MB, as of 2006/2007.</p>					
C-FPFW	Grob	85034	G 120A	CT-102	
<p>TOS: 27 April 2006 - Registration issued to Allied Wings</p> <p>Used for primary flight training by No. 3 CFFTS at the Canadian Aviation Training Centre, Southport, MB, as of 2006/2007.</p>					



Additional Notes:

The CF Contracted Flying Training and Support (CFTS) Program oversees the flying training and support services contract for the Primary and Basic Flying Training, Multi-Engine and Helicopter pilot training programs conducted at the Southport Aerospace Centre (SAC), formerly known as Canadian Forces Base Portage-La-Prairie, Manitoba. 3 Canadian Forces Flying Training School (3 CFFTS) conducts flying training on the Multi-Engine and the Helicopter training programs while the contractor, Allied Wings (AW), provides all other aspects of training and support services including infrastructure, aircraft, accommodation, meals, academic training, simulator training, air traffic control, etc and flying training on the Primary, Basic and Advanced training programs.

On 30 March 2005, the Minister of National Defence announced the government's intentions to proceed to award a 22-year \$1.77B contract for the CFTS to KF Aerospace (formerly known as Kelowna Flightcraft Ltd (KFL)). The KF Aerospace team consists of Allied Wings leading KF Aerospace, Canadian Helicopters, Atlantis Systems Intl, Black & Macdonald, and Coastal Pacific Aviation. Under the CFTS contract, Allied Wings provides the Grob G120A aircraft for Primary and Basic Flying Training, the Raytheon King Air C90B for Advanced Multi-Engine Flying Training and it has converted the Bell 206 Jet Ranger and Bell 412 Griffon helicopters drawn from CF's inventory for Advanced Helicopter Flying Training. Full motion flight simulators were also installed to support the Multi-Engine and Helicopter Flying Training programs. A 80,000 sq ft training facility was constructed at Southport for provide a fully-equipped state-of-the art training environment. Initial training commenced in 2006 and the contract ends in 2027.

For flight safety reporting purposes, the Grob G 120A trainers have been designated by the RCAF as CT-102 trainers.

Operating Units

The following units are using or have flown CT-102 trainers:

- No. 3 Canadian Forces Flying Training School, Southport, MB

Aircraft (or Air Vehicle) Damage Level (ADL) Categories: ¹

The RCAF's ADL is a qualitative categorization system used to determine the level of damage sustained by an aircraft / air vehicle during an occurrence. The following damage level definitions are used to reflect the degree of damage:

Cat "A" = Destroyed / missing: The aircraft has been totally destroyed, is assessed as having suffered damage beyond economical repair or is declared "missing";

NB - Aircraft totally destroyed are normally written off the inventory. Accidents with a lower ADL may also subsequently result in administrative write-off of the aircraft for reasons (primarily economic) not directly related to the original damage assessment.

Cat "B" = Very Serious: The aircraft has sustained damage to multiple major components;

Cat "C" = Serious: The aircraft has sustained damage to a major component;

Cat "D" = Minor: The aircraft has sustained damage to non-major components; and

Cat "E" = Nil: The aircraft, including the power plant, has not been damaged.

Number of CF CT-102 Hawk Cat "A" write-offs = 0 (~ 0% of the total fleet)

ABBREVIATIONS

a/c	=	aircraft
AW	=	Allied Wings
Cat	=	Category
CF	=	Canadian Forces

¹ Drawn from: A-GA-135-001/AA-001 Manual of Flight Safety for the CF



CFB	=	Canadian Forces Base
C/N	=	Construction Number
ft	=	feet
IP	=	Instructor Pilot
kts	=	knots
MB	=	Manitoba (Canada)
NATO	=	North Atlantic Treaty Organization
OTU	=	Operational Training Unit
QFI	=	Qualified Flying Instructor
RCAF	=	Royal Canadian Air Force
RTB	=	Returned To Base
SP	=	Student Pilot
S/N	=	Serial Number
Sqn	=	Squadron
SOS	=	Struck Off Strength
TOS	=	Taken On Strength

(Current) RCAF RANKS

Aviator	-	Avr
Corporal	-	Cpl
Master Corporal	-	MCpl
Sergeant	-	Sgt
Warrant Officer	-	WO
Master Warrant Officer	-	MWO
Chief Warrant Officer	-	CWO
Officer Cadet		Ocdt
2nd Lieutenant	-	2nd Lt
1st Lieutenant	-	Lt
Captain	-	Capt
Major	-	Maj
Lieutenant Colonel	-	LCol
Colonel	-	Col
Brigadier General	-	BGen
Major General	-	MGen
Lieutenant General	-	LGen

REFERENCES:

Government Reports:

- Canadian Forces Flight Safety Investigation Reports - <http://www.rcaf-arc.forces.gc.ca/en/flight-safety/investigation-reports.page>
- <http://www.forces.gc.ca/en/training-establishments/contracted-flying-training-support.page>

Websites

- <http://www.rwrwalker.ca>

