



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

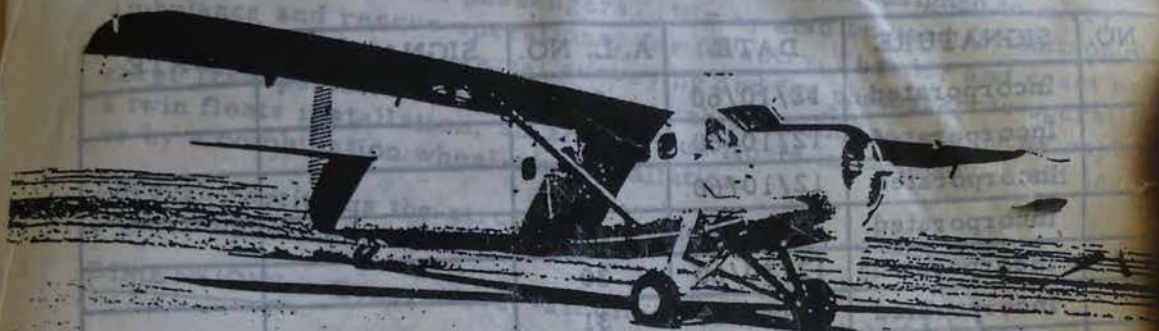
August 11, 2014

AIRWORTHINESS

Group Chairman's Factual Report

DCA13MA121

**Appendix B – N93PC AFM pages
(7 pages)**



ENGINE

The airplane is powered by a Pratt and Whitney PT6I-G or PT6I-GA turboprop engine, rated at 600 BHP. The engine is air-cooled, radial, and operates with the exception of the supercharger which is a PT6I engine, 10-1 for the PT6I-G and 10-1 for the PT6I-GA. The engine is rated at 3,000 feet respectively.

**DHC-3
OTTER**

FLIGHT MANUAL

THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED

Downsview Ontario

JULY 19



DeHavilland DHC-3ST Otter Airplane Flight Manual Supplement

TTC-FMS-1

for

Turbine Engine Conversion

and

Optional Bleed-air Heater

Applicable to:

Aircraft Registration No: N93PC

Aircraft Serial No. 280

This supplement is FAA approved and must be attached to the FAA-approved Airplane Flight Manual when the aircraft has been modified by the installation of a Honeywell TPE-331 engine in accordance with S.T.C. SA09866SC. The information contained in this document supplements or supersedes the Airplane Flight Manual only in those areas listed herein. For limitations, procedures, and performance not contained in this supplement, consult the Airplane Flight Manual.

Approved By

S. Frances Cox, Manager
Special Certification Office ASW-190
Federal Aviation Administration
Fort Worth, Texas 76193-0190

Original Issue: May 5, 2001

Revision Date: March 10, 2006

Revision C

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Kai-Air Ltd
6400 Dawson Rd.
Vernon, BC

de Havilland
Extended Range Fuel

DoT APPROVED
FLIGHT MANUAL SUPPLEMENT No: 615-TEG

for

DeHavilland DHC-3 "Otter"

(Fitted with turbine engine)

This supplement must be attached to the DOT Approved Flight Manual with the installation of the 'Extended Range Fuel System' in accordance with Outback Aviation Drawing No: 1460 Issue 3, or later DoT Approved revision.

Chapters II, III, IV and V of this document comprise of Approved Flight Manual Supplement. Compliance with Chapter IV, 'Operating Limits' of this supplement is mandatory.

The information contained in this document supersedes or supplements the basic Approved Flight Manual No: PSM 1-3-1 and the DOT approved Airplane Flight Supplement applicable to the turbo-prop installation.



DOT Approved: _____

Aircraft Certification Engineer
Transport Canada, Pacific Region

DATE: _____

Vancouver Ltd.
4000 Gordon Rd
Vernon, BC

Approved Flight Manual Supplement

CHAPTER IV OPERATING LIMITS

Placards

Adjacent to the fuel contents gauge:

REAR TANK
CAPACITY
73 IMP gal

88 US GAL

Adjacent the rear tank filler neck:

73 IMP gal

88 US GAL

Fig 4-3 Balance Diagram

Revise to add following information

Additional Fuel at FS 211 and FS 228

Fig 4-5 Operational Loads Diagram

Revise Fuel - Rear Tank table as follows:

CAP. 73 IMP GALS	FUEL REAR TANK	ARM= 199 MOM/100
	Sg .800	
GALS	LBS.	
10	80	159
20	160	318
30	240	478
40	320	637
50	400	995
60	480	1194
73	584	1162

CAN
DEPARTMENT OF
AIRCRAFT
PACIFIC REGION

APPROVED
BY [REDACTED]

CERTIFICATE NO.
5A03-82 ISSUE

JAN 19 2004

CHAPTER V PERFORMANCE DATA AND FLIGHT CHARACTERISTICS

No change

DoT approved:
Dated: _____

PRECISE FLIGHT, INC.
63120 POWELL BUTTE RD
BEND, OR 97701

FAA APPROVED
AIRPLANE FLIGHT MANUAL SUPPLEMENT
OR
SUPPLEMENTAL AIRPLANE FLIGHT MANUAL
FOR

AIRPLANES LISTED ON STC SA4005NM

SERIAL NUMBER: 280

REGISTRATION NUMBER: C-FMPX

PFI Document: 000PMAN0001
Revision: A

This supplement must be attached to the FAA approved Airplane Flight Manual, when the Precise Flight **PulseLite**® system has been installed in accordance with STC SA4005NM.

The information contained in this document supplements or supersedes the basic manual only in those areas listed. For Limitations, Procedures, and Performance information contained in this supplement, consult the basic Airplane Flight Manual.

FAA-Approved

[Redacted Signature]
Manager, Special Certification Branch,
ANM-190S
Federal Aviation Administration
Seattle Aircraft Certification Office
Transport Airplane Directorate

Date November 27, 2002

Revised Date July 24, 2003

AIR SUPPORT INC.
FLIGHT MANUAL SUPPLEMENT #4
DeHavilland DHC-3 OTTER

SUPPLEMENT # 4

BARON STOL KIT INSTALLATION

ELIGIBLE AIRCRAFT

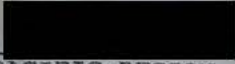
REG.# CFMPX S/N 280

STA # SA 94-114

STC # SA 00287NY

SECTIONS II, III AND IV AND V OF THIS DOCUMENT COMPRISE APPROVED FLIGHT MANUAL SUPPLEMENT. COMPLIANCE WITH SECTION IV, V, OPERATING LIMITATIONS, PERFORMANCE DATA AND FLIGHT CHARACTERISTICS, IS MANDATORY.

THE INFORMATION OR DATA CONTAINED IN THIS DOCUMENT SUPERSEDE OR SUPPLEMENT THAT CONTAINED IN THE BASIC APPROVED AIRCRAFT FLIGHT MANUAL P/N PSM 1-3-1 IN THOSE AREAS LISTED HEREIN. FOR LIMITATIONS, PROCEDURES AND PERFORMANCE NOT CONTAINED IN THIS DOCUMENT, REFER TO THE APPROVED AIRCRAFT FLIGHT MANUAL OR APPROVED FLIGHT MANUAL SUPPLEMENTS.

DOT APPROVED 

PACIFIC REGION

DOT APPROVED

MAR 09 2006

REVISION # 2
REVISION DATE: 08/18/2005

GARMIN International, Inc. or Subsidiaries, d/b/a
Garmin International, 1200 E. 1st Street
Olathe, KS 66062, USA

FAA APPROVED

AIRPLANE FLIGHT MANUAL SUPPLEMENT
or
SUPPLEMENTAL AIRPLANE FLIGHT MANUAL
for

THE GARMIN G600 PRIMARY FLIGHT AND
MULTIFUNCTION DISPLAY SYSTEM
as installed in

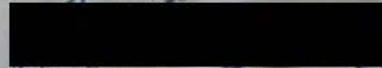
Dehavilland DHC-3
Make and Model Airplane

Registration Number: N93PC Serial Number: 280

This document serves as an Airplane Flight Manual Supplement or as a Supplemental Airplane Flight Manual when the aircraft is equipped in accordance with Supplemental Type Certificate SA02153LA-D for the installation and operation of the Garmin G600 PFD/MFD System. This document must be carried in the airplane at all times.

The information contained herein supplements or supersedes the information made available to the operator by the aircraft manufacturer in the form of clearly stated placards or markings, or in the form of an FAA approved Airplane Flight Manual, only in those areas listed herein. For limitations, procedures and performance information not contained in this document, consult the basic placards or markings, or the basic FAA approved Airplane Flight Manual.

FAA APPROVED


Robert Grove
ODA STC Unit Administrator
GARMIN International, Inc
ODA-240087-CE

190-00601-01 Rev. D

FAA APPROVED DATE: November 17, 2009

Original Approval Date: July 15, 2008

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