

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number SA1070NE

This certificate issued to

AOG AIR SUPPORT INC.,
PO BOX 2340, STATION R
KELOWNA, BRITISH COLUMBIA, CN V1X 6A5

certifies that the change in the type design for the following product with the limitations and conditions specified as specified herein meets the airworthiness requirements of Part 310.10 of the Civil Air Regulations

Original Product -- Type Certificate Number:

A-806

Make:

de Havilland

Model:

DHC-2 MK I; DHC-2 MK III

Description of Type Design Changes

Installation of Baron STOL Systems STOL Kit in accordance with AOG Air Support/Baron STOL Systems Drawing Number AOG-01-001-1, Revision A, dated February 25, 1993.

Limitations and Conditions

1. The following Canadian Department of Transportation Flight Manuals are required with this installation:

For DHC-2 MK I: AOG Air Support Inc., Flight Manual Supplement No. 1, Revision B dated February 25, 1993 or Revision B., dated March 16, 1998

For DHC-2 MK III: AOG Air Support Inc., Flight Manual Supplement No. 2, Initial Issue, dated February 25, 1993.

(see continuation sheet)

This certificate and the supporting data which is the basis for approval shall remain in effect until a new certificate is issued or a termination date is otherwise established by the Administrator of the Federal Aviation Administration

Date of application: December 29, 1992

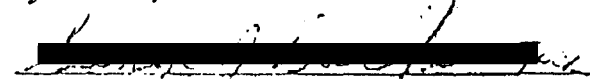
Automated:

Date of issuance: March 23, 1993

Date awarded: September 23, 1993
October 29, 1998



By direction of the Administrator


(Signature)

Vito A. Pulera, Manager
New York Aircraft Certification Office

(Title)

SUPPLEMENT # 1

HARON TOOL KIT INSTALLATION

ELIGIBLE AIRCRAFT

REG. # N1433Z S/N 595

STA # SA92-45

OTC SA 1040NE

SECTIONS II, III AND IV OF THIS DOCUMENT SUPERSEDE THE APPROVED FLIGHT MANUAL SUPPLEMENT. COMPLIANCE WITH SECTION IV, 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 PEM 1-2-1 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.

THIS STA AUTHORIZED FOR
USE ON ONE AIRPLANE ONLY

REGISTRATION # N1433Z

SERIAL # 595

DOT APPROVED

[Signature]
L.B. SAMOIL
REGIONAL AIRWORTHINESS ENGINEER
PACIFIC REGION

APPROVAL DATE: JULY 23, 1992

Revision: "D"
Exp Date: MAR 16/1998

A.O.G. AIR SUPPORT INC.
FLIGHT MANUAL SUPPLEMENT #1
DEHAVILLAND DHC-2 MK.I

LOG OF REVISIONS
STA SA92-45

<u>Revision No.</u>	<u>Affected Pages</u>	<u>Approval/Date</u>
REVISION "A"	PAGES 1,2,3.	DEC 11, 1992
REASON: REVISED APPROVED CONFIGURATION		
REVISION "B"	PAGES 1,2,3	FEB 25, 1993
REASON: CLARIFIED APPROVED CONFIGURATION		
REVISION "C"	PAGES 1,2,3.	AUG 04, 1993
REASON: CLARIFIED APPROVED FLOAT DORSAL TIE CONFIGURATION		
REVISION "D"	PAGES 1,2,3,4	MARCH 16, 1994
REASON: REVISED APPROVED CONFIGURATION WEIGHT 5600 LB GROSS		

THIS STA AUTHORIZED FOR
USE ON ONE AIRPLANE ONLY
REGISTRATION # N1433Z
SERIAL # 595

DOT APPROVED
JULY 24, 1992

PAGE 2 OF 4

SECTION II - NORMAL PROCEDURES

No change

SECTION III - EMERGENCY PROCEDURES

No change

SECTION IV - OPERATING LIMITS, PERFORMANCE DATA AND FLIGHT

CHARACTERISTICS

APPROVED CONFIGURATIONS

- 1/ The Beron Stoll kit is comprised of:

- (a) - Full span contoured leading edge,
- Drooped wing tips,
- Wing Fences,
- Flap Gap Seals,
- Audible Stall Warning System,

Installed in accordance with AOG Air Support Inc., installation Drawing # AOG-01-001-1, Dated May 25/92 Or latest DOT approved revision.

- 2/ This installation is compatible with any approved wheel, ski or float installation up to and including EDO 4930 size.

(a) - If this kit is incorporated on an amphibious or float plane whose floats equal Edo model 4930 size, this kit must be accompanied by the installation of either an approved ventral fin or approved horizontal stabilizer auxiliary finlets.

- 3/ This installation is compatible with Whipline model 6000/6100 Seaplane or Amphibious Floats, installed in accordance with FAA STC SA610GL.

- 4/ This installation is compatible with Viking Air 5600 lb gross weight when installed in accordance with Viking Air Limited STA 8A92-63.

HEIGHT AND BALANCE

When Whipline 6000 Seaplane or Amphibious Floats are installed:

CAUTION

The basic C of G of this aircraft is well forward. Pilots must exercise care to ensure that the operating C of G is within the prescribed limits.

DOT APPROVED
JULY 26, 1992

THIS STC AUTHORIZED FOR
USE ON ONE AIRPLANE ONLY

REVISION: "D"
DATE: MAR 16, 1998

REGISTRATION # N4433Z

SERIAL # 595

PERFORMANCE

The performance of this aircraft meets or exceeds the performance described in the Basic Flight Manual PDM 1-2-1 when modified with the Baron Stoll Kit at gross take off weights of 5100 lbs or at the following approved configurations listed below.

- A/ At gross weight of 5370 lbs use Flight Manual Supplement #3 as per STA SA 93-64.
- B/ At gross weight of 5600 lbs use Viking Air Flight Manual Supplement as per STA 92-63 for operation on wheels and floats. For Floatplane on Edo 570-4930 maximum weight is 5500 lb.
- C/ At gross weight of 5600 lbs use Viking Air Flight Manual Supplement as per STA 92-63 Issue 2 for Floatplane equipped with Wipline Model 5090/5190 Seaplane or Amphibian floats.

THIS STA AUTHORIZED FOR
USE ON ONE AIRPLANE ONLY

REGISTRATION # N1433Z

SERIAL # 595

DOT APPROVED
JULY 24, 1992

REVISION: "P"
REV. DATE: MAR 16, 1998