United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA5669NM

This certificate, issued to Shark Air Aviation, Inc.

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 *of the* Civil Air *Regulations.*

Original Product — Type Certificate Number: 7A15

Make: Pilatus

Model: PC-6/B1-H2

Description of Type Design Change: Replacement of Pratt and Whitney PT6A-20 engine with PT6A-6B model.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for other aircraft. This approval is limited to the installation in Model PC-6/B1-H2 aircraft, Serial No. 631, R/N N631SA, only. A copy of this Certificate, Continuation Sheet and FAA Approved Flight Manual Supplement dated January 29, 1991, must be maintained as part of the permanent records for the modified aircraft.

(continued on page 3)

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

Date of application: January 16, 1992

Date of issuance: January 30, 1992

Date reissued:

Date amended:

By direction of the Administrator

Stewart K. Miller

(Signature)

Assistant Manager, Seattle
Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

FAA Form 8110-2 (10-68)

United States of America
Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA5669NM

LIMITATIONS AND CONDITIONS:

The conditions and limitations of the Type Certificate Data Sheet No. 7A15 apply except where superseded by the following:

Engine Pratt and Whitney PT6A-6B.

REQUIRED ENGINE INSTRUMENT MARKINGS:

Torquemeter (PSIG):	
green arc (normal range)	0 to 38.5
yellow arc (cautionary range)	38.5 to 42.5
red radial (maximum, takeoff or reverse)	42.5
red arrow	48.5
Turbine Inlet Temperature Gauge (degrees Celsius):	
green arc (normal range)	500 to 952
yellow arc (cautionary range)	952 to 994
red radial (maximum, takeoff or reverse)	994
red arrow	1038
Oil Temperature Gauge (degrees Celsius):	
yellow arc (cautionary range)	below 10
green arc (normal range)	10 to 85
yellow arc (cautionary range)	85 to 91
red radial (maximum)	91

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.

FAA FORM 8110-2-1 (10-69) *This certificate may be transferred in accordance with FAR 21.47.*