United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

B

Number SA1669NM

This certificate, issued to William C. Warren

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 4a *of the* Civil Air *Regulations.*

Original Product — Type Certificate Number: A-743

Make: Boeing

Model: A75-N1

Description of Type Design Change: Installation of a Pratt and Whitney R-985-14B engine; a Hamilton Standard 2D30/6101-12 propeller; upper and lower ailerons; Serv-Aero type oil system with flop tube; a 6 gallon fuselage header fuel tank with flop tube; and a smoke tank system; all in accordance with William C. Warren photographs 2 through 5 and electrical schematic.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for duplication in other aircraft. This approval is limited to the installation in Boeing, Model A75-N1, Serial Number 75-2502 only. A copy of this Certificate and Addendum must be maintained as part of the permanent records for the modified aircraft.

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: May 17, 1982

Date of issuance: July 2, 1982

Date reissued:

Date amended:

By direction of the Administrator

Darrell M Pederson

(Signature)

acting Manager, Seattle Area Aircraft Certification Office, ANM-100S

(Title)

FEDERAL AVIATION ADMINISTRATION

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)

July 2, 1982 *Number* SA1669NM

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA1669NM

The conditions and limitations of Type Certificate Data Sheet Number A-743 apply except where superseded by the following:

This Supplemental Type Certificate Addendum, which is part of STC SA1669NM, prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Civil/Federal Regulations:

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: William C. Warren

BOEING MODEL A75N1, 2PO-CLB, Dual Category, Standard and Restricted. (Restricted Category applicable only during air show configuration.)

Engine:	Pratt and Whitney R985-14B
Engine Limits:	450 hp @ 2300 RPM @ 36.5 IN Hg for 5 min. 400 hp 2 2200 RPM @ 34.5 IN Hg max cont.
Fuel:	80/87 min grade aviation gasoline
Propeller:	Hamilton Standard 2D30/6101-12
Propeller Limits:	550 hp @2300 RPM

Placards: Place placards in full view of the pilot to read:

Inverted Flight Restricted to 30 Seconds

For Acrobatic Flight: Min Fuel 36 Gals
Min Oil 8 Gals

- END -

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

FORM 8110-2-1 (10-69)

This certificate may be transferred in accordance with FAR 21.47.

C FAA AC 73-2651