United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

B

Number SA1794NM

This certificate, issued to Stuart K. Mitzel

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: B75N1

Description of Type Design Change: Installation of a Pratt and Whitney R-985-14B; a Hamilton Standard 2D30-6101A-12 propeller; a 10½x4 tailwheel with heavy duty axle; D&S supply heater and muff; Beech model 18 exhaust stack; a Weatherly model 620 carburetor air box; and associated parts.

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 B75N1, Serial Number 75-6829 only. A copy of this Certificate and Addendum shall 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: January 31, 1983

Date of issuance: March 3, 1983

Date reissued:

Date amended:

By direction of the Administrator

Lester H. Berven

(Signature)

Acting Manager, Seattle 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)

March 3, 1983 *Number* SA1794NM

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA1794NM

The conditions and limitations of Type Certificate Data Sheet A743 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA1794NM, prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Civil Air Regulations:

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: Stuart K. Mitzel

BOEING B75N1 (LANDPLANE - NORMAL CATEGORY) AS MODIFIED BY STC SA1794NM

Engine:	Pratt & Whitney R985-14B
Engine Limits:	450 Hp @ 2300 RPM for 5 min. 400 Hp @ 2200 max cont.
Fuel:	80/87 min grade aviation gasoline
Propeller:	Hamilton Standard 2D30-6101A-12
Propeller Limits:	550 hp @ 2300 RPM max continuous 605 hp @ 2450 RPM takeoff
Serial Number Eligible:	75-6829

All else the same as TDS A-743

- END -

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

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

C FAA AC 73-2651