

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate

Number SA4131NM

This certificate, issued to Raisbeck Engineering

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 23 of the Federal Aviation Regulations.

Original Product—Type Certificate Number: A31CE
Make: Beechcraft
Model: F90

Description of Type Design Change: Installation of Hartzell/Raisbeck Quiet Turbofan Propeller Installation in accordance with FAA sealed Raisbeck Engineering Drawing List 87-1500, dated July 14, 1987, or latest FAA approved revision. This installation consists of Hartzell 4-bladed propellers and aluminum hubs with spinners and a propeller de-icing system.

Limitations and Conditions: Data is suitable for reproduction and installation on the Beechcraft airplane Models listed in page 3. The approval of this change in type design applies to the model aircraft listed on page 3 only. This approval should not be extended to other aircraft of these models on which other previously approved modifications, including changes in type design, are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications will introduce no (See "Continuation Sheet", 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: June 17, 1987

Date reissued:

Date of issuance: October 23, 1987

Date amended:



By direction of the Administrator
D. P. Rizzo
Asst. Manager, Seattle Aircraft
Certification Office, ANM-100S

(Title)

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

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number SA4131NM

adverse effect upon the airworthiness of that aircraft. A copy of this certificate, Addendum No. SA4131NM and Raisbeck Engineering Drawing List 87-1500 shall be maintained as part of the permanent records of each aircraft. The FAA Airplane Flight Manual Supplement dated October 22, 1987, or later approved revision shall be attached to the Pilots Operating Handbook or Airplane Flight Manual for the aircraft.

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA4131NM

The conditions and limitations of Type Certificate Data Sheet Number A31CE apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA4131NM, prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Federal Aviation Regulations.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: Raisbeck Engineering, Inc.

Propellers and Propeller Limits:

2 Hartzell HC-D4N-3C hubs with
Hartzell D9290S(K) blades in pairs
Diameter 93.0 in. (maximum); minimum allowable for
repair: 92.0 in. No further reduction permitted.

Airplane Models:

This change in type design applies only to the Beechcraft Model F90 equipped with 2 Pratt & Whitney PT6A-135 or PT6A-135A engines.

- END -

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