3-2 binder

United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA15NW

This certificate, issued to Flightcraft, 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,* effective 15 May 1956 including Amendments 3-1, 3-2, and 3-8.

Original Product — Type Certificate Number: 3A20
Make: BEECH
Model: 65-A80, N227F, Serial No. LD-218

Description of Type Design Change: Installation of Bendix FCS-810 Autopilot in accordance with Bendix Drawing Nos. 4000455, Rev. A, dated 26 October 1971; 4009520, Rev. E, dated 19 April 1971; 4009508, Rev. E, dated 22 July 1969; all drawings revised per Flightcraft photos (nos. 1-8) and sketches (nos. 1-12) dated 17 May 1972. Flightcraft FAA approved Airplane Flight Manual Supplement dated 12 Oct. 1972 is required.

LIMITATIONS & CONDITIONS: Data not suitable for reproduction of installation in other aircraft; therefore, they are satisfactory for Beech Model 65-A80, N227F, ~~XXXXXXXXXXXXXXXXXXXXXXXX~~ Serial No. LD-218 only. No additional modifications of this type are to be approved solely by reference to this Supplemental Type Certificate, or to the data submitted therein. STC Addendum No. SA15NW is a part of this certificate. A copy of the Certificate, STC Addendum No. SA15NW, and Bendix Dwg. Nos. 4000455, Rev. A, dated 26 October 1971, 4009520, Rev. E, dated 19 April 1971, 4009508, Rev. E, dated 22 July 1969, (all drawings revised per Flightcraft photos (Nos. 1-8) and sketches (Nos. 1-12) all dated 17 May 1972) shall be maintained as a part of the permanent records of this modified aircraf

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: 23 December 1971

Date of issuance: 12 October 1972

Date reissued:

Date amended:

By direction of the Administrator

Harry A. Parker
(Signature)

Chief, Engineering and Manufacturing Branch
(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.

United States of America
Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA15NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA15NW

The conditions and limitations of aircraft specification No. 3A20 apply except as follows:

This Addendum which is part of Supplemental Type Certificate No. SA15NW prescribes conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Civil Air Regulations. A copy of this Addendum shall be maintained as part of the modified aircraft permanent records.

Supplemental Type Certificate Holder: FLIGHTCRAFT, INC.
7505 N.E. Airport Way
Portland, Oregon 97218

I. MODEL 65-A80 as modified by STC SA15NW

Required Equipment: In addition to the equipment applicable and required by Aircraft Specification No. 3A20, the equipment specified by the following drawings, photos and sketches must be installed as a result of the incorporation of this STC:

Bendix Drawing Nos. 4000455, Rev. A, dated 26 October 1971; 4009520, Rev. E, dated 19 April 1971; 4009508, Rev. E, dated 22 July 1969; all drawings revised per Flightcraft photos (Nos. 1-8) and sketches (Nos. 1-12) dated 17 May 1972.

Flightcraft FAA Approved Airplane Flight Manual Supplement, dated 12 October 1972.

Required Placards:

a. The following placard must be displayed at the autopilot 5 ampere circuit breaker:

"AUTO PILOT"

b. The following placards must be displayed on the left portion of the control yoke in full view of the pilot:

(1) At the autopilot disconnect button:

"A/P DISC."

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b. continued

(2) At the electric trim switch:

(a) "ELEC TRIM"

(b) "ON"

(c) "OFF"

(3) At the go around button:

"GA"

c. The following placard must be displayed on the instrument panel adjacent to the flight director and in full view of pilot:

"Bendix FCS-810 Autopilot and electric trim systems shall be operated in accordance with the limitations contained in the FAA approved airplane flight manual for autopilot and electric trim operation."

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