United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA5318SW-D

This certificate, issued to S-TEC Corporation
Rt. 4, Bldg. 946
Wolters Industrial Complex
Mineral Wells, TX 76067

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: A20CE
Make: CESSNA
Model: 177RG

Description of Type Design Change:

Installation of S-TEC System 40/50 Single and Two Axis Automatic Flight Guidance Systems, Model ST-243-40/50, according to Bulletin No. 343, dated 5-01-84 and Master Drawing List No. 92275, dated 5-01-84 and/or later FAA Approved revisions of the above data, (14 Volt System).

Limitations and Conditions:

1. FAA Approved Supplemental Flight Manual, P/N 89449, dated 5-10-84 is required for Cessna Model 177RG S/N 177RG0787 and below for S-TEC System 40, and/or later FAA Approved revisions of the above supplement.

(See Continuation Sheet, Page 2, a part of this STC).

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: 5-4-84
Date of issuance: 5-10-84
Date reissued:
Date amended:

By direction of the Administrator

(Signature)
Harold W. Holdeman
DAS Staff Coordinator, DAS 5 SW
(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 SA5318SW-D

Limitations and Conditions (con't)

2. FAA Approved Supplement to Pilot's Operating Handbook and/or FAA Approved Airplane Flight Manual, P/N 89450, dated 5-10-84 is required for Cessna Model 177RG, S/N 177RG0788 through S/N 177RG1266 for S-TEC System 40, and/or later FAA Approved revisions of the above supplement.

3. FAA Approved Supplemental Flight Manual, P/N 89454, dated 5-10-84 is required for Cessna Model 177RG, S/N 177RG S/N 177RG0787 and below for S-TEC System 50, and/or later FAA Approved revisions of the above supplement.

4. FAA Approved Supplement to Pilot's Operating Handbook and/or FAA Approved Airplane Flight Manual, P/N 89455, dated 5-10-84 is required for Cessna Model 177RG, S/N 177RG0788 through S/N 177RG1266 for S-TEC System 50 and/or later FAA Approved revisions of the above supplement.

5. Compatability of this modification with other previously approved modifications must be determined by the installer.

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

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

to *(Name of transferee)* _____

(Address of transferee) _____
(Number and street)

_____
(City, State, and ZIP code)

from *(Name of grantor) (Print or type)* _____

(Address of grantor) _____
(Number and street)

_____
(City, State, and ZIP code)

Extent of Authority (if licensing agreement): _____

_____

_____

_____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____

U.S. GOVERNMENT PRINTING OFFICE : 1966 OF—205-579