

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

Number SA5133SW-D

This certificate, issued to S-TEC Corporation
946 Pegram
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 3 of the Civil Air Regulations.

Original Product — Type Certificate Number: 3A12
Make: CESSNA
Model: 172M AND 172N

Description of Type Design Change:

Installation of S-TEC System 60 Two Axis Automatic Flight Guidance System, Model ST-019 with Optional Automatic Electric Trim, according to Bulletin No. 122, Revision 7, dated 8-10-94 and Master Drawing List No. 9219, Revision G, dated 8-10-94, with Optional Flight Director Steering Horizon or later FAA Approved revisions of the above data (14 Volt System).

Limitations and Conditions:

1. Also eligible on Models 172M and 172N When Modified by 180 H.P. Engine Conversion.

(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: 11-19-82

Date issued:

Date of issuance: 1-28-83

Date amended: 3-19-84, 9-07-90,
8-17-94, Revision 3

By direction of the Administrator



William J. Thomas
(Signature)

William J. Thomas
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.

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Supplemental Type Certificate
(Continuation Sheet)

Number SA5133SW-D, Revision 3

Limitations and Conditions (con't.)

2. FAA Approved Supplemental Flight Manual, P/N 8917-1, dated 1-28-83 is required for Cessna Model 172M and Cessna Model 172N, S/N 17269309 and below or later FAA Approved revisions of the above supplement.
3. FAA Approved Supplemental Flight Manual, P/N 8917-2, dated 3-19-84 is required for Cessna Models 172M and 172N or later FAA Approved revisions of the above supplement.
4. FAA Approved Supplemental Flight Manual, P/N 8917-3, dated 9-07-90 is required for Cessna Models 172M and 172N or later FAA Approved revisions of the above supplement.
5. FAA Approved Supplemental Flight Manual, P/N 8917-4, dated 8-17-94 is required for Cessna Model 172M And The Above Model When Modified By 180 H.P. Engine Conversion or later FAA Approved revisions of the above supplement.
6. FAA Approved Supplement to Pilot's Operating Handbook and /or FAA Approved Airplane Flight Manual, P/N 891102, dated 8-17-94 is required for Cessna Model 172N And The Above Model When Modified By 180 H.P. Engine Conversion or later FAA Approved revisions of the above supplement.
7. Compatibility 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)*: _____