

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

Number SA5101SW-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 3 of the Civil Air Regulations.

Original Product — Type Certificate Number 2A13
Make PIPER
Model PA-28-140, PA-28-150, PA-28-160, PA-28-180
AND PA-28-235

Description of Type Design Change:

Installation of S-TEC System 60 Single Axis Automatic Flight Guidance System, Model ST-109 according to Bulletin No. 212, Revision 2, dated 3-05-85 and Master Drawing List No. 92120, Revision B, dated 3-05-85 and/or later FAA Approved revisions of the above data (14 Volt System).

Limitations and Conditions:

1. FAA Approved Supplement to Pilot's Operating Handbook and/or FAA Approved Airplane Flight Manual, P/N 89143, dated 8-16-82 is required for Piper Models PA-28-140, PA-28-150, PA-28-160, PA-28-180, S/N 28-1 through S/N 28-7205318 and PA-28-235, S/N 28-10003 through S/N 28-7210023 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: 5-13-82

Date issued: 7-9-84, 4-3-85, Revision 2

Date of issuance: 8-16-82

Date amended:



By direction of the Administrator

Harold W. Holdeman

(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.

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

Number SA5101SW-D, Revision 2

Limitations and Conditions (con't)

2. FAA Approved Supplement to Pilot's Operating Handbook and/or FAA Approved Airplane Flight Manual, P/N 89143-1, dated 7-9-84 for Piper Models PA-28-140, PA-28-150, PA-28-160, PA-28-180 and PA-28-235 is required and/or later FAA Approved revisions of the above supplement.
3. Compatability of this modification with other previously approved modifications must be determined by the installer.

Violation 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)*: _____