

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

Number SA5208SW-D

This certificate, issued to S-TEC Corporation
946 Pegram
Wolters Industrial Park
Mineral Wells, Texas 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: 1A15
Make: Piper
Model: PA-24 (PA-24-180), PA-24-250, PA-24-260,
and PA-24-400

Description of Type Design Change:

Installation of S-TEC System 40/50 Single and Two Axis Automatic Flight Guidance Systems, Model ST-195-40/50, according to Bulletin No. 295, Revision 2, dated 4-07-92 and Master Drawing List No. 92221, Revision B, dated 4-07-92 and/or later FAA Approved revisions of the above data (14 Volt System).

Limitations and Conditions:

1. Also eligible on Models PA-24 (PA-24-180), PA-24-250, and PA-24-260 when modified in accordance with STC SA4-1351 or STC SA4-1235 as applicable (Wing Tip Tanks).

(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: 8-29-83

Date issued:

Date of issuance: 9-23-83

Date amended: 4-11-86, 4-17-92, Revision 2



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.

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

Number SA5208SW-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 89271, dated 9-23-83 is required for S-TEC System 40 in Piper Models PA-24 (PA-24-180), PA-24-250, and PA-24-260, S/N 24-4803 & Below (Except S/N 24-4783) and the above models when modified in accordance with STC SA4-1351 or STC SA4-1235 as applicable (Wing Tip Tanks) and/or later FAA Approved revisions of the above supplement.
3. FAA Approved Supplement to Pilot's Operating Handbook and/or FAA Approved Airplane Flight Manual, P/N 89271-1, dated 4-17-92 is required for S-TEC System 40 in Piper Models PA-24 (PA-24-180), PA-24-250, and PA-24-260 and the above models when modified in accordance with STC SA4-1351 or STC SA4-1235 as applicable (Wing Tip Tanks) 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 89272, dated 9-23-83 is required for S-TEC System 50 in Piper Models PA-24 (PA-24-180), PA-24-250, and PA-24-260, S/N 24-4803 & Below (Except S/N 24-4783) and the above models when modified in accordance with STC SA4-1351 or STC SA4-1235 as applicable (Wing Tip Tanks) and/or later FAA Approved revisions of the above supplement.
5. FAA Approved Supplement to Pilot's Operating Handbook and/or FAA Approved Airplane Flight Manual, P/N 89272-1, dated 4-17-92 is required for S-TEC System 50 in Piper Models PA-24 (PA-24-180), PA-24-250, and PA-24-260 and the above models when modified in accordance with STC SA4-1351 or STC SA4-1235 as applicable (Wing Tip Tanks) and/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 89653, dated 4-11-86 is required for S-TEC System 40 in Piper Model PA-24-400 and/or later FAA Approved revisions of the above supplement.
7. FAA Approved Supplement to Pilot's Operating Handbook and/or FAA Approved Airplane Flight Manual, P/N 89654, dated 4-11-86 is required for S-TEC System 50 in Piper Model PA-24-400 and/or later FAA Approved revisions of the above supplement.
8. 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)*: _____