

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

Number SA4589SW

Project A5722SW-DS
FKP-190

This certificate, issued to S-TEC Corporation
Rt. 4, Bldg. 946
Wolters Industrial Complex
Mineral Wells, Texas 76067-9990
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-28-151, PA-28-161, PA-28-181, PA-28-236

Description of Type Design Change: Installation of S-TEC System 60 Two Axis Automatic Flight Guidance System, Model ST-086 with Optional Autotrim System according to Bulletin No. 189, Revision 1, dated 3-15-82 and Master Drawing List No. 9286, Revision A, dated 3-15-82 with Optional Flight Director Steering Horizon; or according to later FAA approved revision. (14 Volt System)

Limitations and Conditions: See Continuation Sheet 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: January 14, 1982

Date reissued: April 16, 1982

Date of issuance: January 25, 1982

Date amended: Revision 1



By direction of the Administrator

Don P. Watson
(Signature)

Don P. Watson
Chief, Aircraft Certification Division
Southwest Region

(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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(Continuation Sheet)

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Limitations and Conditions:

FAA Approved Supplement to Pilot's Operating Handbook and/or FAA Approved Airplane Flight Manual P/N 89102 dated 1-25-82 is required for Piper Models PA-28-151, S/N 28-7615001 and Up, PA-28-161; and PA-28-181 with S-TEC System 60 Two Axis Automatic Flight Guidance System; OR

FAA Approved Supplement to Pilot's Operating Handbook and/or FAA Approved Airplane Flight Manual P/N 89102-1 dated 4-16-82 is required for Piper Models PA-28-151, S/N 28-7615001 and UP, PA-28-161, PA-28-181, and PA-28-236 with S-TEC System 60 Two Axis Automatic Flight Guidance System.

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.