

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA09166AC-D

This Certificate issued to S-TEC Corporation
One S-TEC Way
Mineral Wells Municipal Airport
Mineral Wells, TX 76067-9236

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 55/55X Two Axis Automatic Flight Guidance System, Model ST-642, according to Bulletin No. 742, Revision 5, dated 7-29-02 and Master Drawing List No. 92947, Revision E, dated 7-29-02 or later FAA Approved revisions of the above data (14 Volt System).

Limitations and Conditions :

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

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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 : 9-16-96

Date reissued :

Date of issuance : 9-20-96

Date amended : 7-30-01, 8-01-02

By direction of the Administrator



Michael Keirman

(Signature)

Michael Keirman
DAS Staff Coordinator, DAS 5 SW

(Title)

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA09166AC-D

Limitations and Conditions (con't.)

1. Eligibility limited to Piper Model PA-28-235, S/N 28-10003 through S/N 28-11393 and S/N 28-7110001 through S/N 28-7210023.
2. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891303, dated 9-20-96 is required for Piper Models PA-28-140, PA-28-150, PA-28-160; and PA-28-180, S/N 28-1 through S/N 28-7205318 and PA-28-235, S/N 28-10003 through S/N 28-10719 or later FAA Approved revisions of the above supplement.
3. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891304, dated 9-20-96 is required for Piper Models PA-28-235, S/N 28-10720 through S/N 28-7210023 or later FAA Approved revisions of the above supplement.
4. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891305, dated 9-20-96 is required for Piper Models PA-28-180, S/N 28-E13 and S/N 28-7305001 and up or later FAA Approved revisions of the above supplement.
5. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891303, Revision 1, dated 7-30-01 is required for Piper models PA-28-140, PA-28-150, PA-28-160; and PA-28-180, S/N 28-1 through S/N 28-7205318 and PA-28-235, S/N 28-10003 through S/N 28-10719 for S-TEC System 55/55X or later FAA Approved revisions of the above supplement.
6. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891304, Revision 1, dated 7-30-01 is required for Piper models PA-28-235, S/N 28-10720 through S/N 28-7210023 for S-TEC System 55/55X or later FAA Approved revisions of the above supplement.
7. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891305, Revision 1, dated 7-30-01 is required for Piper models PA-28-180, S/N 28-E13 and S/N 28-7305001 and up for S-TEC System 55/55X 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.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of the 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 & street)

(City, State, and ZIP code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor (In ink): _____