

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

Number SA7811SW-D

This certificate, issued to S-TEC Corporation
946 Pegram
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: A20S0
Make: Piper
Model: PA-31, PA-31-300, and PA-31-325

Description of Type Design Change:

Installation of S-TEC System 60 Two Axis Automatic Flight Guidance System, Model ST-467, with Optional Autotrim System, according to Bulletin No. 567, Revision 3, dated 7-05-96 and Master Drawing List No. 92556, Revision C, dated 7-05-96 with Optional Flight Director/Steering Horizon or later FAA Approved revisions of the above data (28 Volt System).

Limitations and Conditions:

1. Also eligible on Models PA-31 and PA-31-300 When Modified Per STC SA970S0 (350 H.P. Colemill Conversion).
2. Also eligible on Model PA-31-325 When Modified Per STC SA00048SE (Vortex Generator System).

(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: 2-19-92

Date issued:

Date of issuance: 3-09-92

Date amended: 10-18-95, 7-24-96
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.

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 SA7811SW-D, Revision 2

Limitations and Conditions (con't.)

3. FAA/DAS Approved Airplane Flight Manual Supplement, P/N 89962, dated 3-09-92 is required for Piper Models PA-31 and PA-31-300 And The Above Models When Modified Per STC SA970S0 (350 H.P. Colemill Conversion) or later FAA Approved revisions of the above supplement.
4. FAA/DAS Approved Airplane Flight Manual Supplement, P/N 89962-1, dated 10-18-95 is required for Piper Models PA-31 and PA-31-300 And The Above Models When Modified Per STC SA970S0 (350 H.P. Colemill Conversion) or later FAA Approved revisions of the above supplement.
5. FAA/DAS Approved Airplane Flight Manual Supplement, P/N 89962-2, dated 7-24-96 is required for Piper Models PA-31 and PA-31-300 And The Above Models When Modified Per STC SA970S0 (350 H.P. Colemill Conversion) 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 891286, dated 7-24-96 is required for Piper Model PA-31-325 And The Above Model When Modified Per STC SA00048SE (Vortex Generator System) 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)*: _____