United States of America
Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

03/21/90
TBelt 1314

Number SA5184SW-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-28-151, PA-28-161, PA-28-181, PA-28-236 AND PA-28-201T

Description of Type Design Change:

Installation of S-TEC 40/50 Single and Two Axis Automatic Flight Guidance Systems, Model ST-175-40/50, according to Bulletin No. 275, Revision 1, dated 3-14-84 and Master Drawing List No. 92203, Revision A, dated 3-14-84, 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 89222, dated 8-04-83 is required for Piper Models PA-28-151 S/N 28-7515449 and below for S-TEC System 40 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: 7-06-83
Date of issuance: 8-04-83
Date reissued: 5-4-84, Revision 1
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.

FAA Form 8110-2 (10-68)

United States of America
Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA5184SW-D, Revision 1

Limitations and Conditions (con't)

2. FAA Approved Supplement to Pilot's Operating Handbook and/or FAA Approved Airplane Flight Manual, P/N 89223, dated 8-04-83 is required for Piper Models PA-28-151, S/N 28-7615001 and up, PA-28-161, PA-28-181, and PA-28-236 for S-TEC System 40 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 89224, dated 8-04-83 is required for Piper Model PA-28-151, S/N 28-7515449 and below for S-TEC System 50 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 89225, dated 8-04-83 is required for Piper Models PA-28-151, S/N 28-7615001 and up, PA-28-161, PA-28-181 and PA-28-236 for S-TEC System 50 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 89434, dated 5-4-84 is required for Piper Model PA-28-201T for S-TEC System 40, 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 89435, dated 5-4-84 is required for Piper Model PA-28-201T for S-TEC System 50, and/or later FAA Approved revisions of the above supplement.

7 Compatability of this modification with other previously approved modifications must be determined by the installer.