United States Of America

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA09400AC-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 23 of the Federal Aviation Regulations.

Original Product Type Certificate Number: A00003SE

Make: Lancair

Model: LC40-550FG

Description of Type Design Change:

Installation of S-TEC System 55 Two Axis Automatic Flight Guidance System, Model ST-852, according to Bulletin No. 952, Revision 7, dated 3-22-02 and Master Drawing List No. 921139, Revision G, dated 3-22-02 (Field Installation) or Master Drawing List No. 921139-1, Revision C, dated 3-22-02 (Lancair Factory Installation) 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: 2-05-99

Date of issuance: 2-17-99

Date reissued:

Date amended: 12-08-99, 2-18-00, 3-27-02

By direction of the Administrator

(Signature)

Michael Keirnan
DAS Staff Coordinator, DAS 5 SW
(Title)

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Limitations and Conditions (con't.)

1. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891830S, dated 2-17-99 is required for PACUSA model LC40-550FG (Lancair Columbia 300) or later FAA Approved revisions of the above supplement.

2. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891830S, Revision 1, dated 12-08-99 is required for PACUSA model LC40-550FG (Lancair Columbia 300) 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 891830S, Revision 2, dated 8-22-00 is required for PACUSA model LC40-550FG (Lancair Columbia 300) 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 891830S, Revision 3, dated 3-27-02 is required for Lancair model LC40-550FG or later FAA Approved revisions of the above supplement.

5. 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*): _____