

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA09203AC-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: 3A15
Make: Beech
Model: F33A, A36, A36TC, and B36TC

Description of Type Design Change:

Installation of S-TEC System 20/30 Single and Two Axis Automatic Flight Guidance System, Model ST-641-20/30, according to Bulletin No. 741 Revision 6, dated 12-20-01 and Master Drawing List No. 92951, Revision F, dated 12-20-01 or later FAA Approved revisions of the above data (28 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: 4-01-97

Date received:

Date of issuance: 4-02-97

Date amended: 12-27-01

By direction of the Administrator



Michael Keirman

(Signature)

Michael Keirman
DAS Staff Coordinator, DAS 5 SW

(Title)

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Limitations and Conditions (con't.)

1. Also eligible on models F33A, A36, and A36TC when modified per STC SA153EA (tip tanks).
2. Also eligible on model A36 when modified per STC SA5223NM (turbo-normalizing system).
3. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891340, dated 4-02-97 is required for S-TEC System 20 for Beech Models F33A; A36, S/N E-2110 & Below (Except for S/N E-1946 & S/N E-2104) and A36TC 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 891341, dated 4-02-97 is required for S-TEC System 20 for Beech Model A36, S/N E1946 , S/N E-2104 & S/N E-2111 & 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 891342, dated 4-02-97 is required for S-TEC System 20 for Beech Model B36TC, S/N EA-242, S/N EA-273 Through S/N EA-388, Except S/N EA-320 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 891343, dated 4-02-97 is required for S-TEC System 20 for Beech Model B36TC, S/N EA-320 & EA-389 & Up 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 891344, dated 4-02-97 is required for S-TEC System 30 for Beech Models F33A; A36, S/N E-2110 & Below (Except for S/N E-1946 & S/N E-2104) and A36TC or later FAA Approved revisions of the above supplement.
8. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891345, dated 4-02-97 is required for S-TEC System 30 for Beech Model A36, S/N E1946 , S/N E-2104 & S/N E-2111 & Up or later FAA Approved revisions of the above supplement.
9. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891346, dated 4-02-97 is required for S-TEC System 30 for Beech Model B36TC, S/N EA-242, S/N EA-273 Through S/N EA-388, Except S/N EA-320 or later FAA Approved revisions of the above supplement.
10. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891347, dated 4-02-97 is required for S-TEC System 30 for Beech Model B36TC, S/N EA-320 & EA-389 & Up or later FAA Approved revisions of the above supplement.

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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11. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891340, Revision 1, dated 12-27-01 is required for 1. Beech models F33A; A36, S/N E-2110 and below (except S/N E-1946 and S/N E-2104) and A36TC and the above models when modified per STC SA153EA (tip tanks); 2. Beech model A36, S/N E-2110 and below (except S/N E-1946 and S/N E-2104) when modified per STC SA5223NM (turbo-normalizing system) for S-TEC System 20 or later FAA Approved revisions of the above supplement.
12. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891341, Revision 1, dated 12-27-01 is required for Beech model A36, S/N E-1946 and S/N E-2104 and S/N E-2111 and up and the above model when modified per STC SA153EA (tip tanks) and/or STC SA5223NM (turbo-normalizing system) for S-TEC System 20 or later FAA Approved revisions of the above supplement.
13. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891342, Revision 1, dated 12-27-01 is required for Beech model B36TC, S/N EA-242, S/N EA-273 through S/N EA-388, except S/N EA-320 for S-TEC System 20 or later FAA Approved revisions of the above supplement.
14. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891343, Revision 1, dated 12-27-01 is required for Beech model B36TC, S/N EA-320 and EA-389 and up for S-TEC System 20 or later FAA Approved revisions of the above supplement.
15. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891344, Revision 1, dated 12-27-01 is required for 1. Beech models F33A; A36, S/N E-2110 and below (except S/N E-1946 and S/N E-2104) and A36TC and the above models when modified per STC SA153EA (tip tanks); 2. Beech model A36, S/N E-2110 and below (except S/N E-1946 and S/N E-2104) when modified per STC SA5223NM (turbo-normalizing system) for S-TEC System 30 or later FAA Approved revisions of the above supplement.
16. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891345, Revision 1, dated 12-27-01 is required for Beech model A36, S/N E-1946 and S/N E-2104 and S/N E-2111 and up and the above model when modified per STC SA153EA (tip tanks) and/or STC SA5223NM (turbo-normalizing system) for S-TEC System 30 or later FAA Approved revisions of the above supplement.
17. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891346, Revision 1, dated 12-27-01 is required for Beech model B36TC, S/N EA-242, S/N EA-273 through S/N EA-388, except S/N EA-320 for S-TEC System 30 or later FAA Approved revisions of the above supplement.
18. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891347, Revision 1, dated 12-27-01 is required for Beech model B36TC, S/N EA-320 and EA-389 and up for S-TEC System 30 or later FAA Approved revisions of the above supplement.

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19. 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): _____