

United States Of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA00035DE

*This Certificate issued to* General Aviation Modifications, Inc.  
an Oklahoma Corporation  
2800 Airport Road, Hangar A  
Ada, OK 74820

*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 :* Beechcraft (formerly Raytheon or Beech or Hawker Beechcraft)  
*Model :* 35-C33A; 36; A36; E33A; E33C; F33A; F33C; G33; S35; V35; V35A; V35B; A36TC; B36TC; G36

*Description of Type Design Change:*  
Installation of modified Engine Baffle/Cooling Louver system in accordance with FAA approved FliteCraft Turbo, Inc. Master Drawing List No. BON, dated May 11, 1993, or later FAA approved revision. This STC contains seven options: engine side baffles, engine upper cowl baffles, engine rear baffles, side cowl louvers, louvered cowl access panels, #2 cylinder baffle, and #6 cylinder baffle, which may be installed together or independently as outlined in paragraph 2 of this STC.

(See continuation sheet 3 of 3)

*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 :* April 8, 1993

*Date reissued:* 1/23/97, 10/16/98, 4/7/00

*Date of issuance :* May 14, 1993

*Date amended:* 12/9/93, 8/27/03, 1/8/2016



*By direction of the Administrator*

(Signature)

Scott A. Horn  
Aircraft Certification Office  
Southwest Region

(Title)

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*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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 (Continuation Sheet)

*Limitations and Conditions:*

1. Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate must be maintained as part of the permanent records of the modified aircraft.

2. This STC contains seven modules which may be installed together or independently as outlined in the following chart:

Aircraft	Louvered cowl access panels BON-850-1 & -2	Side louvers BON-901-1 & -2	No. 6 baffle assy 200-1-3	No. 2 baffle assy G36-910039-41 or Beech 36-910039-41	Side Baffles BON-808 BON-809	Upper Cowl Baffles BON-806 BON-807	Rear Baffles BON-820-1 or -3 or -5 & BON-820-21 or -23
S35, V35, V35A, V35B	Required with IO-550 optional with IO-520	Required with IO-550 optional with IO-520	Optional	Optional	Required (in conjunction with upper cowl baffles)	Required (in conjunction with side baffles)	Optional
S35 V35 V35A V35B with TSIO-520-D per STC SA1035WE (V35TC)	Not required since Beech cowl access panels have adjustable cowl flaps	Required	Optional	Optional	Required (in conjunction with upper cowl baffles)	Required (in conjunction with side baffles)	Optional
35-C33A E33A E33C	Required with IO-550 optional with IO-520	Required with IO-550 optional with IO-520	Optional	Optional	Required (in conjunction with upper cowl baffles)	Required (in conjunction with side baffles)	Optional
F33A F33C 36 A36	Required with IO-550 optional with IO-520 Not required if Beech louvered access panels already installed	Required with IO-550 optional with IO-520	Optional	Optional	Required unless Beech side baffles are attached to engine May replace Beech side baffles	Required unless Beech upper cowl baffles are installed May replace Beech upper cowl baffles	Optional
G33 with IO-520 or IO-550 engine	Required with IO-550 optional with IO-520	Required with IO-550 optional with IO-520	Optional	Optional	Required (in conjunction with upper cowl baffles)	Required (in conjunction with side baffles)	Optional
A36TC B36TC	Not required – already supplied by factory	Not required – already supplied by factory	Optional	Optional	Optional	Not required	Optional
G36	Not required – already supplied by factory	Required	Optional	Not required – already supplied by factory	Optional	Optional	Optional

Notes: All items listed as optional may be installed individually as improvements to existing Beech engine baffling or as upgrades to aircraft already modified with other baffle/louver system components per STC SA00035DE.

Compatibility of this design change with previously approved modifications must be determined by the installer. 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.