

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

Number SA351GL-D

This certificate, issued to Garrett Aviation Services
2 North Airport Drive
Capital Airport
Springfield, IL 62707

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 Air Regulations. See Type Certificate Data Sheet A14CE for complete certification basis.

Original Product — Type Certificate Number: A14CE

Make: Beech Aircraft Corporation

Model: B100

Description of Type Design Change:

Installation of Garrett TPE 331-6-253B engines in accordance with AiResearch Aviation Company drawing list report no. 13, dated June 14, 1984, no revisions, or later FAA approved revision.

Limitations and Conditions:

1. This approval should not be incorporated in any aircraft of those specific models on which other approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those previously incorporated approved modifications will not introduce any adverse effect upon the airworthiness of the aircraft. (See page 3 for additional limitations and conditions.)

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: March 21, 1984

Date issued: June 30, 1994

Date of issuance: June 15, 1984

Date amended:



By direction of the Administrator

Gregory M. Byrnes
Gregory M. Byrnes (Signature) Facility Manager
Garrett Aviation Services
FAA DAS 1 GL, Springfield, IL 62707
(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.

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(Continuation Sheet)

Number SA351GL-D

Reissued June 30, 1994

- Garrett Service Bulletins TPE 331-72-0223 and TPE 331-72-0459 must be accomplished for this modification.
- FAA approved Flight Manual Supplement, dated June 15, 1984, and later revisions is required with this modification.
- Aircraft specifications are the same as listed in the Type Certificate Data Sheet A14CE except as noted.

Exhaust Gas Temperature Limits

Take off power	:	566°C
Max. continuous power (100% rpm)	:	566°C
Starting	:	815°C
Maximum reverse	:	566°C

Exhaust Gas Temperature Instrument Markings

Green Arc	0°C to 521°C
Yellow Arc	521°C to 566°C
Red Radial	566°C
Red Dot	815°C

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