



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number: SA01782WI

This certificate issued to: 3S Certification, LLC.  
8200 E. 34th St. North, Suite 1207  
Wichita, KS 67226

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product – Type Certificate Number: 3A20  
Make: Beechcraft Corporation  
Model: C90GTi

Description of Type Design Change:

Installation of Activation of WLAN Provisions and Transmitting Portable Electronic Devices (T-PED) Tolerance Testing.  
Data required includes:

- 1) 3S Certification, LLC. Master Data List (MDL) 3S13-373-1001, Revision IR, Dated: 05/30/2015 or later FAA approved revision.
- 2) 3S Certification, LLC. Aircraft Flight Manual Supplement (AFMS) 3S13-373-7101, Revision IR, Dated: 05/30/2015 or later FAA approved revision.
- 3) 3S Certification, LLC. Instructions for Continued Airworthiness (ICA) 3S13-373-6101, Revision 2.0, Dated: 05/07/2015 or later FAA accepted revisions.

Limitations and Conditions:

- 1) Compatibility of this design change with previously approved modifications must be determined by the installer.
- 2) 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.
- 3) Approval of this change in type design applies to the above model of airplane only.
- 4) A copy of this certificate and the ICA shall be maintained in the airplane permanent records.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

Date of Application: 11/21/2014

Date Reissued:

Date of Issuance: 05/30/2015

Date Amended:

*By Direction of the Administrator*

Signature \_\_\_\_\_

Title Steve K. Simpson  
ODA administrator  
ODA(AIR)-833355-CE

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this 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 and address of transferee)

**From** (Name and address of grantor)

Extent of Authority (if licensing agreement):

*Date of transfer:*

*Signature of grantor:* \_\_\_\_\_

---

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).

---



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

(Continuation Sheet)

Number: SA01782WI

## Certification Basis:

Based on 14 CFR §21.115 and § 21.101, and the FAA policy for significant changes in FAA Order 8110-48, the certification basis for the Beechcraft Corporation King Air Model C90GTi Activation of WLAN Provisions and Transmitting Portable Electronic Devices (T-PED) Tolerance Testing is as follows:

- a) The type certification basis for the Beechcraft Corporation King Air Model C90GTi is shown on A24CE for parts not changed or not affected by the change.
- b) The certification basis for parts changed or affected by the change since the reference date of the application, 11/21/2014, is based upon 14 CFR Part 23 as amended by Amendment 23-62. Based on 14 CFR 21.115 and § 21.101, and the FAA policy for significant changes in the FAA Order 8110.48, the certification basis for this modification was determined to be:

### Regulations at the latest amendment 23-0 through 23-62

23.601 [Amdt. Original], 23.603 [Amdt. 23-23], 23.609(a) [Amdt. Original], 23.771(a) [Amdt. 23-14], 23.773(a)(1)(2) [Amdt. 23-45], 23.777(a)(b) [Amdt. 23-62], 23.853(a) [Amdt. 23-62], 23.1301(a)(b)(c) [Amdt. 23-62], 23.1309(a) [Amdt. 23-62], 23.1322(c)(d)(e) [Amdt. 23-43], 23.1359(a)(c) [Amdt. 23-49], 23.1365(a)(b)(d)(e) [Amdt. 23-49], 23.1367(c)(d) [Amdt. Original], 23.1381(a)(b)(c) [Amdt. Original], 23.1431(a)(b) [Amdt. 23-62], 23.1501 [Amdt. 23-21], 23.1529 [Amdt. 23-26], 23.1581(a)(2)(b)(1)(3)(f) [Amdt. 23-50], 23.1585(j) [Amdt. 23-62]

### Regulations at the amendment level in TCDS 3A20

- None -

### Regulations at an intermediate amendment

- None -

-----END-----

---

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).