

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

Number SA04129AT

This certificate issued to Avionics Support Group
14291 SW 120th Street, Suite 101
Miami, FL 33186

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: A1W1
Make: Cessna
Model: 525B

Description of Type Design Change: Installation of an Aircell Axxess Cabin Telecommunication Router (CTR) with wireless Capability on Cessna 525B series aircraft in accordance with Master Drawing List 211152-MDL, Revision C, dated 07/26/13 or later FAA approved drawing revisions.

Limitations and Conditions: This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determine by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. 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. FAA Approved Airplane Flight Manual Supplement for the Aircell Axxess CTR System, 211152-FMS, revision IR, dated September 4, 2013, or later FAA approved revision is a required part of this STC.

(Limitations and Conditions continued on page 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: Jan 20, 2012

Date of issuance: September 4, 2013

Date reissued:

Date amended:

By direction of the Administrator



[Signature]
(Signature)

Melvin D. Taylor
Manager,
Atlanta Aircraft Certification Office

(Title)

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(Continuation Sheet)

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Limitations and Conditions Continued:

Instructions for Continued Airworthiness (ICA), Avionics Support Group Document 211152-ICA, Rev. B, dated May 28, 2013, or later FAA accepted revision must be made available to the operator at the time of installation. This installation requires integration with a previously certified air to ground transceiver. The CTR does not interface with aircraft systems and is disabled below 10,000 ft.

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 Cessna Citation 525B series aircraft is as follows:

- a. The type certification basis Cessna Citation 525B series aircraft is shown on TCDS A1W1 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 application, January 20, 2012 is based upon 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 FAA Order 8110.48, the certification basis for this modification was determined to be:

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

23.29, 23.301, 23.303, 23.305, 23.307(a), 23.561, 23.601, 23.603, 23.605(a), 23.607, 23.609, 23.611, 23.613, 23.625(a), 23.777(a)(b), 23.1301, 23.1309, 23.1351(a), 23.1357(a), 23.1357(a), 23.1431(a)(b), 23.1501, 23.1529, 23.1541(a), 23.1581(a)(2)(b)(3)(f), Appendix G.

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