

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

*Number* ST11052SC

*This Certificate issued to* West Star Aviation, Inc.  
18 west Terminal Road  
East Alton, IL 62024

*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 25 of the Federal Aviation Regulations.*

*Original Product Type Certificate Number :* A12EA  
*Make :* Gulfstream Aerospace Corporation  
*Model :* GV

*Description of Type Design Change:* Activation of a high power AirCell cabin telecommunications router in accordance with master drawing list 05010001, Revision A, dated January 3, 2012 or later FAA approved revision. Airplane Flight Manual Supplement 05020001, Revision IR, dated January 3, 2012 or later FAA approved revision, and Instructions for Continued Airworthiness 05030001, Revision A, dated July 28, 2011 or later FAA accepted revision must be made available to the operator at the time of installation.

*Limitations and Conditions:* The installer must determine whether this design change is compatible with previously approved modifications. 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.

(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:* June 6, 2011

*Date reissued:*

*Date of issuance:* January 4, 2012

*Date amended:*



*By direction of the Administrator*

(Signature)

C. Neil Hocker  
Lead ODA Administrator  
ODA- 831473-SW

(Title)

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

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.

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### 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 and street)*

\_\_\_\_\_  
*(City, State, and ZIP code)*

Extent of Authority (if licensing agreement): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date of Transfer: \_\_\_\_\_

Signature of grantor *(In ink)*: \_\_\_\_\_

United States Of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* ST11052SC

Date of Issuance: January 4, 2012

*Limitations and Conditions:* (continued):

The installer must verify that the airplane meets the configuration requirements contained in West Star Aviation document 05140001, "Requirements - Aircell CTR WiFi", revision I/R, dated August 23, 2011, or later FAA approved revision.

*New 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 Gulfstream Aerospace Corporation GV modified by activating an AirCell WiFi cabin router is as follows:

- a. The type certification basis for Gulfstream Aerospace Corporation GV airplanes is shown on TCDS A12EA 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 applications, June 6, 2011, is based upon part 25 as amended by Amendment 25-132:

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 were determined to be:

*Regulations at the latest amendment 25-0 through 25-133*

14 CFR § 25.1, 25.2, 25.23(b), 25.301(a)(b), 25.303, 25.305(a)(b), 25.307(a), 25.341(a), 25.561(a)(b), 25.601, 25.603, 25.605(a), 25.609(a), 25.613(a)(b), 25.789(a), 25.853(a), 25.1307(c), 25.1529, 25.1581, 25.1583(h), 25.1585(a).

*Regulations at an intermediate amendment*

14 CFR § 25.869(a)(4) Amendment 25-72  
14 CFR § 25.1353(a)(c) Amendment 25-113  
14 CFR § 25.1357(a)(c) Amendment 25-102

*Regulations at the amendment level in TCDS A12EA*

14 CFR § 25.1301, 25.1309 (a)(b)(c)(d)(e)(g), 25.1357 (a)(c)

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