

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

*Number* ST02190LA-D

*This Certificate issued to* Gulfstream Aerospace Corporation  
500 Gulfstream Road  
Savannah, GA 31408

*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 25 of the Federal Aviation Regulations.* See Continuation Sheet Page 3 of 3

*Original Product Type Certificate Number :* A12EA

*Make :* Gulfstream

*Model :* GV-SP

*Description of Type Design Change :* Installation of a Forward Vestibule Compartment in accordance with Gulfstream Aerospace Corporation Index List GC52 0008140, Revision "F", dated July 2, 2009 or later FAA approved revision.

FAA Approved Airplane Flight Manual Supplement GC52484M001, original release, dated July 2, 2009 or later FAA approved revision, is required and must be carried in the aircraft on all flights.

The Instructions for Continued Airworthiness GC52801A577, original release, dated May 17, 2008 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 and follow the instructions contained in the Guidance for Follow on Installations, Fwd Vestibule Compartment GC52200F000 Rev "-", dated July 2, 2009. The approval of this modification applies to the above noted airplane model series only. A copy of this STC must be included in the permanent records of the modified aircraft. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

*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 :* January 7, 2009

*Date reissued :* November 16, 2012

*Date of issuance :* July 2, 2009

*Date amended :*



*By direction of the Administrator*

(Signature)

William S. Whitton, Jr.  
ODA Lead Administrator, ODA-511131-CE  
Gulfstream Aerospace Corporation  
Savannah, Georgia

(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 this 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 the 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): \_\_\_\_\_

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

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

# Supplemental Type Certificate

(Continuation Sheet)

*Number* ST02190LA-D

*Date re-Issuance:* November 16, 2012

*Certification Basis:*

Based on 14CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA order 8110.48, the certification basis for the Gulfstream model GV-SP series passenger compartment conversion is as follows:

- a. The type certification basis for Gulfstream model GV-SP series airplane is shown on TCDS A12EA for parts **not changed or not affected** by this change.
- b. The certification basis for parts **changed or affected** by the change since the reference date of application, January 7, 2009, is based upon part 25 as amended by Amendment 25-111. Based on 14CFR §§ 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 25-0 through 25-111**

25.856 (a) Amendment 25-111

**Regulations at an intermediate amendment**

25.853 (f) Amendment 25-93

**Regulations at the amendment level in TCDS A12EA**

14 CFR Part 25, effective February 1, 1965 including, Amendments 25-1 through 25-98, with the following exceptions:

Shoulder harnesses on all seats will be provided in lieu of demonstrated compliance to the test requirements of 14 CFR § 25.562(c)(5) and (c)(6) of Amendment 25-64. Compliance with the requirements of 14 CFR § 25.785 in reference to 14 CFR § 25.562(c)(5) and (c)(6) are not demonstrated due to this concession.

The Fatigue and Damage Tolerance requirements of 14 CFR § 25.571 are limited to the fuselage and fuselage changes only.

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