

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

*Number* ST03399AT

*This certificate issued to*

Gulfstream Aerospace Corporation  
P. O. Box 2206  
Savannah, GA 31402

*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

*Model:* GV-SP

*Description of Type Design Change:* Installation of internal and external mounting provisions for mission system equipment (MSE) that include internal and external structural mounts and racks, external fairings and mission wiring provisions in accordance with Gulfstream Aerospace Corporation's Master Drawing List, "SM-GER-9336 revision - , "CAEW STC FAA Data List" dated April 4, 2007 or later FAA approved revisions. This STC is only for the provisions to install the equipment, and does not approve installation of the equipment.

*Limitations and Conditions:* . The Instructions for Continued Airworthiness, Maintenance Manual dated December 9, 2006 along with G550 Airplane Flight Manual Supplement No. 2006-04 dated February 20, 2007 or later FAA approved revision are a required part of this STC. This STC is only for the provisions only and does not approve installation of the equipment. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the

(See continuation sheet 3 of 4)

*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:* October 22, 2003

*Date reissued:*

*Date of issuance:* February 16, 2007

*Date amended:* April 16, 2007



*By direction of the Administrator*

(Signature)

Melvin D. Taylor  
Manager  
Atlanta Aircraft Certification Office

(Title)

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**Supplemental Type Certificate**  
(Continuation Sheet)

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Date of Issuance: February 16, 2007

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*Limitations and Conditions* (Continued):

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.

**Certification Basis**

Gulfstream GV-SP FAR Part 25, effective February 1, 1965, including Amendments 25-1 through 25-98, with the following exceptions:

- a. The type certification basis Gulfstream GV-SP 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 application, October 22, 2003 is based upon part 25 as amended by Amendment 25-107. 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 25-99 through 25-112

25.103, 25.107(b)(1)(ii)(3) (c) (d) (e) (f) (g), 25.111(a) (b) (c) (d), 25.117, 25.119, 25.121, 25.123 (a) (b) 25.125 (a) (b) (e) (f), 25.143 (a) (b)(1)(3) (c) thru (g), 25.145, 25.147 (a) (b) (c), 25.149 (a) (b) (c)(1-6) (d) (e) (f)(1-4,6) (h)(1-3), 25.161 (a) (b) (c) (d), 25.175, 25.177 (c) (d), 25.181, 25.201, 25.207, 25.233 (a), 25.237 (a), 25.473, 25.613, 25.773 (a)(1) (b)(1), 25.856 (a), 25.1323 (a) (c), 25.1325 (e), 25.1583 (a)(1)(2)(3) (c)(1)(2)(3) (f) (h) (i), 25.1585 (a) (b) (d), 25.1587 (b)(1-5)(7).

Regulations at the amendment level in TCDS A12EA

25.1(b), 25.101, 25.105(a) (b) (c)(1) (d), 25.109, 25.113, 25.115 (a) (b)(1) (c), . 25.171, 25.173, 25.203, 25.251, 25.253, 25.255, 25.301, 25.303, 25.305 (a) (b) (c) (e) (f), 25.307 (a) (d), 25.321, 25.331 (a)(1) (b), 25.333, 25.335 (a) (b) (c) (d), 25.337, 25.341, 25.343, 25.349, 25.351, 25.365 (a) (b) (d) (e) (f) (g), 25.471, 25.477, 25.479 (a) (c) (d), 25.481 (a) (c), 25.483, 25.485, 25.487, 25.489, 25.491, 25.489 (b) (c) (d) (e), 25.495, 25.499, 25.503, 25.507, 25.509, 25.511, 25.519, 25.561, 25.563, 25.571 (a) (b) (d) (e)(1), 25.581, 25.601, 25.603, 25.605 (a), 25.507, 25.609, 25.611, 25.619, 25.623, 25.625 (a) (b) (c), 25.629 (a) (b) (d)(4)(8)(9) (e), 25.631, 25.672, 25.729, 25.783 (b) (c) (e) (f), 25.789 (a), 25.801 (a) (b) (c), 25.803 (a), 25.807 (a)(4) (g)(1)(i)(1), 25.809 (a), 25.812 (g)(1), 25.843 (a), 25.853 (a), 25.863, 25.869 (a)(1)(3)(4), 25.939, 25.1301, 25.1309 (a) (b) (d) (g), 25.1351 (a)(1), 25.1353 (a) (b), 25.1357 (a) (c), 25.1383 (a), 25.1385(a), 25.1387, 25.1401 (a)(2) (b), 25.1403, 25.1419 (a), 25.1461, 25.1529, 25.1541, 25.1545, 25.1557(c), 25.1563, 25.1581 (a) (b) (d).

36.7 (a) (b) (e)(3) Amdt. 36-17

**Exemptions:**

No. 8701 [FAR 25.807(g)(1), 25.807(i)(1), and 25.809(a). Amendment 25-94]

NOTE: The FAA has concluded this grant of exemption will allow the carriage of up to six supernumeraries, in addition to two crewmembers, in the flight compartment of Gulfstream Model GV-SP (G550) airplanes.

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*Limitations and Conditions* (Continued):

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