

Supplemental Type Certificate

Number ST02999CH

This certificate issued to:

Jet Aviation St. Louis, Inc.
6400 Curtiss-Steinberg Drive
Cahokia, IL 62206

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 (S/N 547 Only)

Description of Type Design Change:

Modification of an Executive Interior Arrangement including Cabin Double Seats, Divans, Oxygen System, Emergency Lighting, and Emergency Equipment in accordance with Jet Aviation Master Data List 05-299G001 Revision D, dated July 22, 2011 and FAA Approved Jet Aviation Airplane Flight Manual Supplement 05-169M001, Revision NC, dated July 29, 2011, or later FAA approved revisions.

Limitations and Conditions:

- (1) FAA Approved Jet Aviation Airplane Flight Manual Supplement, No. 05-169M001, dated July 29, 2011, or later FAA Approved revision is required with this modification.
- (2) The installer must determine whether this design change is compatible with previously approved modifications.

(See continuation page 3 for additional Limitations and Conditions)

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: March 8, 2011

Date reissued:

Date of issuance: July 29, 2011

Date amended:



By direction of the Administrator:

Original Signed By:

Mary Ellen A. Schutt

(Signature)

Mary Ellen A. Schutt

Manager, Airframe and Administrative Branch
Chicago Aircraft Certification Office

(Title)

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.

TRANSFER ENDORSEMENT

Transfer the ownership of the Supplemental Type Certificate Number _____

to (*Name of transferee*) _____

(*Address of transfer*) _____
(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*): _____

Supplemental Type Certificate

(Continuation Sheet)

Number ST02999CH

Date of Issuance: July 29, 2011

Limitations and Conditions Continued:

- (3) You cannot use descriptive data about this design change to duplicate other products. This approval is limited to only the installation made in Gulfstream Aerospace Corporation GV, Serial Number 547. This STC does not permit manufacturing of parts for multiple installations.

Certification Basis:

Based on 14 Code of Federal Regulation (CFR) §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Gulfstream GV airplane with the Modification of an Executive Interior Arrangement including Cabin Double Seats, Divans, Oxygen System, Emergency Lighting, and Emergency Equipment is as follows:

a. The type certification basis for Gulfstream GV airplane is shown on TCDS A12EA for parts not changed or not affected by this change.

b. The type certification basis for parts **changed or affected** by this change since the reference date of application, March 8, 2011, that are above the amendment levels noted in the TCDS A12EA are stated below for each affected section. 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 is determined to be:

Regulations at the latest amendment 25-0 through 25-134:

14 CFR §§ 25.853(a)(c)(f)(g) Amendment 25-116, 25.869(a)(4)(c)(1)(2)(3) Amendment 25-113

Regulations at the intermediate amendment:

14 CFR § 25.981(a) Amendment 25-102

Regulations at the amendment level in the TCDS A12EA:

14 CFR §§ 25.29(a)(b), 25.301(a)(b), 25.303, 25.305(a)(b), 25.307(a), 25.365(a), 25.561(a)(b)(c)(d), 25.562(a)(b)(c)(1)(2)(3)(4)(7)(8), 25.601, 25.603(a)(b)(c), 25.605(a), 25.607(a)(b)(c), 25.609(a)(b), 25.611, 25.613(a)(b)(d), 25.625(a)(b)(c)(d), 25.785(a)(b)(c)(d)(f)(1)(3)(i)(j)(k), 25.789(a), 25.791(a)(b)(c)(d)(e), 25.801(a), 25.803(a), 25.807(a)(1)(3)(e)(f), 25.809(a)(b)(2)(c)(e), 25.810(c), 25.811(a)(b)(c)(d)(e)(1)(f)(1)(2)(g), 25.812(a)(1)(b)(1)(c)(d)(e)(i)(k)(l), 25.813(a)(b)(c) d, 25.815, 25.817, 25.1301(a)(b)(c)(d), 25.1307(c), 25.1309(a)(b)(c)(d)(e)(g), 25.1351(a)(1)(2), 25.1353(a)(b), 25.1411(a)(b)(d)(1)(2)(3)(4)(e)(f)(g), 25.1415(b)(c)(d), 25.1431(a)(c), 25.1438(b)(c), 25.1441(a)(b), 25.1443(c), 25.1447(a)(c)(1), 25.1449, 25.1541(a)(b), 25.1557(a)(c)(d), 25.1561(b)(c)(d)(e), 25.1581(a)(2), 25.1583(c)(1)(2)

Further, an Equivalent Safety Finding has been made to regulations §§ 25.811(d) & 25.812(b)(1)(ii) Emergency Lighting, documented in ELOS Memo ST7644CH-T-C-1.

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