

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

Number ST02649NY-D

This certificate, issued to Delta Engineering
13 DRBA Way
New Castle County Airport
New Castle, Delaware 19720

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.

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

Description of Type Design Change:

Installation of a Flight Display Systems DVD Player in accordance with Delta Engineering Master Data List 0119-06627-2213 Revision - dated Oct. 09, 2009 or later FAA approved revisions to Delta Engineering Master Data List previously listed. The Instructions for Continued Airworthiness as listed on the Master Data List is required with this installation.

Limitations and Conditions:

1. If the holder agrees to permit another person to use the certificate to alter the product, the holder shall give the other person written evidence of that permission.
2. Compatibility of this design change with previously approved modifications must be determined by the installer.
(See Continuation Sheet 2)

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: September 8, 2009

Date reissued:

Date of issuance: October 12, 2009

Date amended:



By direction of the Administrator

Jonathan E. Moritz
DAS Administrator
Delta Engineering, DAS-800728-NE

(Signature)

(Title)

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

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(Continuation Sheet)

Number ST02649NY-D

Issuance Date: October 12, 2009

Limitations and Conditions (continued):

3. Installation of the Flight Display Systems DVD Player Part Number FD932DVD-4B is based on removal of an existing Airshow VHS Player Part Number 3100-1-23. The VHS must have been installed in a manner acceptable to the FAA Administrator.

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 GV Series with this STC is as follows:

- a. The type certification basis for Gulfstream 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 application, Sep. 8, 2009 is based upon part 25 as amended by Amendment 25-122. 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 as shown on the TCDS A12EA except the regulations listed below:

Section	Title	At Amendment
§25.831	Ventilation	25-89
§25.853	Compartment interiors	25-116
§25.869	Fire protection: systems	25-113
§25.981	Fuel tank temperature	25-102
§25.1353	Electrical equipment and installations	25-113
§25.1431	Electronic equipment	25-113

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