



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST04297AT-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.

Original Product – Type Certificate Number: Make: Gulfstream
A12EA Model: G-IV
See Continuation Page 3

Description of Type Design Change:

Installation of **Honeywell Primus Elite Advanced Features (PEAF) Upgrade to DU-885 Displays** in accordance with Gulfstream Aerospace Corporation Index List CE412088001, Rev. A, dated March 30, 2016, or later FAA approved revision.

(Description of Type Design Change continued on page 3 of 3)

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.

(Limitations and Conditions continued on page 3 of 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: 10/1/2014

Date reissued:

Date of issuance: 11/18/2014

Date amended: March 31, 2016; October 21, 2016

By direction of the Administrator

Signature _____

Title Robert Glasscock
ODA Lead Administrator, ODA-511131-CE
Gulfstream Aerospace Corporation

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification 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 Supplemental Type Certificate Number: ST04297AT-D

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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Supplemental Type Certificate

(Continuation Sheet)

Number: ST04297AT-D

Date of issuance: **November 18, 2014**

Date reissued:

Date amended: **3/31/16; 10/21/16**

Certification Basis (continued):

Based on 14CFR §§ 21.115 and 21.101, and FAA Policy for significant changes in FAA Order 8110.48, the certification basis for the Gulfstream Model G-IV series aircraft is as follows:

- a. The type certification basis for Gulfstream Model G-IV series aircraft 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, February 3, 2016 and August 25, 2016 (per amendments respectively), is based upon part 25 as amended by Amendments 25-1 through 25-56. Based on 14 CFR §§ 21.101 and 21.115, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at a higher amendment level than Type Certificate Data Sheet A12EA:

14 CFR §§ 25.1353(a) Amendment 25-113 (Electrical equipment and installations)

14 CFR §§ 25.1431(a)(c)(d) Amendment 25-113 (Electronic equipment)

Description of Type Design Change (continued):

For -401 Configuration:

FAA accepted Instructions for Continued Airworthiness CE41208A001, Revision B, dated October 23, 2014, or later FAA accepted revision is required.

For -403 Configuration (SPZ-8400 only):

FAA accepted Instructions for Continued Airworthiness CE41208A002, Revision B, dated October 17, 2016, or later FAA accepted revision is required.

FAA approved Airplane Flight Manual Supplement CE41208M001, Revision A, dated October 18, 2016, or later FAA approved revision is required.

For -405 Configuration (SPZ-8000 only):

FAA accepted Instructions for Continued Airworthiness CE41208A002, Revision B, dated October 17, 2016, or later FAA accepted revision is required.

FAA approved Airplane Flight Manual Supplement CE41208M001, Revision A, dated October 18, 2016, or later FAA approved revision is required.

Limitations and Conditions (continued):

2. 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.
3. Gulfstream Aircraft Service Change (ASC) 476B and 477A or later approved revision must be preexisting or concurrently installed.

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Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).