

# Supplemental Type Certificate

Number ST01761LA-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 Type Certificate Data Sheet A12EA for complete certification basis.*

*Original Product Type Certificate Number:* A12EA

*Make:* Gulfstream

*Model:* G-IV

*Description of Type Design Change* Installation of a Wireless Local Area Network (WLAN) (-501 Configuration) or a Wireless Local Area Network (WLAN) with SKYLink Broad-Band Multi-Link (BBML) High-Speed Data (HSD) (-503, -505 or -507 Configurations) in accordance with approved Gulfstream Aerospace Corporation Index List GC413038003 Revision "R", dated August 22, 2008 or later approved revision.

FAA Approved Airplane Flight Manual Supplement GC41428M001, original release, dated January 20, 2006 or later FAA approved revision, is required for the Wireless Local Area Network (-501 Configuration). and must be carried in the aircraft on all flights.

FAA Approved Airplane Flight Manual Supplement GC41303M003, original release, dated January 20, 2006 or later FAA approved revision, is required for the Wireless Local Area Network with Broad-Band Multi-Link High Speed Data (-503 Configuration) and must be carried in the aircraft on all flights.

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*Limitations and Conditions:*

This installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. 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 the product, the holder shall 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:* June 27, 2005

*Date reissued:* October 23, 2012

*Date of issuance:* January 20, 2006

*Date amended:* September 16, 2006; August 22, 2008



*By direction of the Administrator*

(Signature)

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

(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.

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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): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

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

# Supplemental Type Certificate

(Continuation Sheet)

*Number* ST01761LA-D

*Date re-Issuance:* October 23, 2012

*Date amended:* September 16, 2006; August 22, 2008

*Description of Type Design Change:*

FAA Approved Airplane Flight Manual Supplement CE41303M000, original release, dated September 16, 2006 is required for the Wireless Local Area Network with Broad-Band Multi-Link High Speed Data (-505 Configuration) and must be carried in the aircraft on all flights.

FAA Approved Airplane Flight Manual Supplement GC41303M011, original release, dated August 22, 2008 or later FAA approved revision, is required for the Wireless Local Area Network with Broad-Band Multi-Link High Speed Data (-507 Configuration) and must be carried in the aircraft on all flights.

The Instructions for Continued Airworthiness GC42428A000, original release, dated January 20, 2006 or later FAA accepted revision, is required for the Wireless Local Area Network with Broad-Band Multi-Link High Speed Data (-501 Configuration) and must be made available to the operator at the time of installation.

The Instructions for Continued Airworthiness GC42303A001, original release, dated January 20, 2006 or later FAA accepted revision, is required for the Wireless Local Area Network with Broad-Band Multi-Link High Speed Data (-503 Configuration) and must be made available to the operator at the time of installation.

The Instructions for Continued Airworthiness GC42303A002, original release, dated June 15, 2006 or later FAA accepted revision, is required for the Wireless Local Area Network with Broad-Band Multi-Link High Speed Data (-505 Configuration) and must be made available to the operator at the time of installation.

The Instructions for Continued Airworthiness GC42303A002, Revision "A", dated August 15, 2008 or later FAA accepted revision, is required for the Wireless Local Area Network with Broad-Band Multi-Link High Speed Data (-507 Configuration) and must be made available to the operator at the time of installation.

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