

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

*Number* ST04135CH

*This certificate issued to* Pentastar Aviation, LLC  
7002 Highland Road  
Waterford, MI 48327

*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. (See Page 2 of 2 for complete certification basis.)*

*Original Product--Type Certificate Number:* A12EA  
*Make:* Gulfstream Aerospace Corporation  
*Model:* GV-SP (G550 / G500) Series

*Description of Type Design Change:*  
Certification of Compatibility with Wireless Data Technologies in accordance with Pentastar Master Data List, Doc. No. A-14962-102, Revision A, dated July 21, 2016, or later FAA approved revision.

- Limitations and Conditions:*
- 1) Compatibility of this design change with previously approved modifications must be determined by the installer.
  - 2) This STC does not constitute installation approval of a wireless radio frequency system using wireless data technologies. It only provides data that may partially support their installation or activation.
  - 3) The operator is responsible to ensure changes to the aircraft equipment remains compatible in accordance with Pentastar Aviation "Aircraft Equipment List", Doc. No. A-14962-202, Revision IR, dated June 1, 2016, or later FAA approved revision.
  - 5) 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:* May 5, 2016

*Date reissued:*

*Date of issuance:* September 21, 2016

*Date amended:*



*By direction of the Administrator*

\_\_\_\_\_  
(Signature)  
Steven L. Lardinois  
Manager, Systems and Flight Test Branch  
Chicago Aircraft Certification Office

\_\_\_\_\_  
(Title)

United States of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* ST04135CH

*Date of issuance:* September 21, 2016

*Certification Basis:* (continued)

The certification basis for the Gulfstream Aerospace Corp., Model GV-SP (G550 / G500) Series aircraft as described in this certificate is as follows:

- a. The type certificate basis for the Gulfstream Aerospace Corporation, Model GV-SP (G550 / G500) Series aircraft is shown on TCDS A12EA for parts not changed or not affected by this change.
- b. The certification basis for the parts changed or affected by this change since the reference date of the application, May 5, 2016 is shown on TCDS A12EA, Revision 46, dated February 22, 2016.

14 CFR Part 25 Regulations at the latest amendment 25-0 through 25-123

25.1301(a) (4), 25.1309 (a); Amdt. 25-123

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