

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

*Number* SA9165SC-D

*This Certificate issued to* NOAA Aircraft Operation Center  
7917 Hangar Loop Drive  
Hanger 5  
MacDill AFB, FL 33621

*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  
*Model :* G-IV SP

*Description of Type Design Change:*

Modification of a high altitude atmospheric, reconnaissance, research and climatology platform for hurricane surveillance and atmospheric research in accordance with Raytheon E-Systems Sealed Drawing List, SDL 5296-1, Revision E dated 20 February 1997, or later DAS approved data. FAA/DAS Approved Airplane Flight Manual Supplement G5296.00.35 Revision A, dated 11 February 1997, or later FAA/DAS approved revision is required.

*Limitations and Conditions:*

(See continuation sheets)

*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 :* February 20, 1995

*Date reissued :* 7/29/02; 9/23/05

*Date of issuance :* September 27, 1996

*Date amended :* 12/10/96; 3/19/97



*By direction of the Administrator*

\_\_\_\_\_  
(Signature)  
S. Frances Cox, Manager  
Special Certification Office,  
Southwest Region

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

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

*Number* SA9165SC-D

Date of Issuance: September 27, 1996

Date Amended: March 19, 1997

Reissuance Date: September 23, 2005

*Limitations and Conditions* (Continued):

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. 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.
3. Descriptive data pertaining to this design change are considered inadequate for duplication in other products. This approval is limited to the installation made in Gulfstream model GIV-SP airplane, Serial No. 1246, Registration Number N49RF.

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