

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number ST00585DE

This certificate issued to **The National Science Foundation
4201 Wilson Boulevard
Arlington, Virginia 22230**

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. *Certification basis is set forth in Type Certificate Data Sheet A12EA*

Original Product - Type Certificate Number : A12EA
Make : Gulfstream
Model : GV (S/N 677)

Description of Type Design Change:

Installation of a quick change cabin configuration with equipment racks throughout the main cabin and baggage compartment areas to support atmospheric research in accordance with National Center for Atmospheric Research Master Drawing List MDL-100-05, Revision A, dated May 18, 2005 or later FAA approved revision.

Limitations and Conditions:

1. A copy of this certificate, the FAA Approved Airplane Flight Manual Supplement, FMS-100-05, Rev. Original, dated and approved September 12, 2005, or later FAA approved revision, and the FAA accepted Instructions for Continued Airworthiness ICA-100-05, dated September 6, 2005 or later FAA accepted revision are required and must be maintained as a part of the permanent records for this aircraft.
2. This approval is limited to Gulfstream Model GV, Serial No. 677 only.
3. Compatibility of this design change with previously approved modifications must be determined by the installer.
4. This modification did not increase the noise level and was not considered an acoustical change as defined in paragraph 21.93(b) of the Federal Aviation Regulations.
5. STC No. ST03056AT is a required installation for this STC.
6. 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

Date of application : February 15, 2005

Date reissued :

Date of issuance : September 12, 2005

Date amended :

Federal Aviation Administration.

By direction of the Administrator



Ronald F. May
Ronald F. May (Signature) Manager
Denver Aircraft Certification Office
Northwest Mountain Region

(Title)