

Supplemental Type Certificate

Number ST00755DE

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 the Type Design Change:

Installation of fuselage aperture window assemblies at fuselage locations with existing aperture pads/plates and/or modified cabin window plugs to support aeronautical research, particularly atmospheric research and meteorological observation in accordance with Aperture Window Project Drawing List DL-100-12, Revision A, dated November 7, 2012 or later FAA approved revision. This installation is complemented by STC No. ST03056AT that provides the aperture pad/plate locations and window plugs are installed per ASC 153.

Limitations and Conditions:

The 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 that aircraft. This approval is limited to Gulfstream Model GV, Serial No. 677 only. 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. FAA approved Flight Manual Supplement, Document Number FMS-100-12, Rev. IR, dated December 21, 2012 or later FAA approved revisions must be provided with this STC. Instructions For Continued Airworthiness, Document ICA-100-12, Revision IR, dated November 1, 2012, or later FAA accepted revision must be provided and maintained as a part of the permanent records for this aircraft. STC No. ST03056AT is a required installation for this STC.

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 8, 2012

Date reissued:

Date of issuance: January 11, 2013

Date amended:



By direction of the Administrator

Todd Dixon (Signature)
Northwest Mountain Regional Manager
Denver Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.