United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

B

Number SA1611NM

This certificate, issued to Aero-Air, Inc.

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 3 *of the* Civil Air *Regulations.*

Original Product—Type Certificate Number: 2A4

Make: Gulfstream American

Model: 695

Description of Type Design Change: Installation of Hartzell HC-B3TN-5NL/LT 10673B-2Q propellers on AiResearch TPE 331-10-501K engines in accordance with Aero-Air Master Drawing List dated December 23, 1981.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate, Addendum, and FAA Approved POH Supplement shall be maintained as part of the permanent records for the modified aircraft.

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: January 22, 1982

Date reissued:

Date of issuance: April 16, 1982

Date amended:

By direction of the Administrator

(Signature)

Chief, Seattle Area Aircraft Certification Office

(Title)

FEDERAL AVIATION ADMINISTRATION

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

This certificate may be transferred in accordance with FAR 21.47.

FAA Form 8110-2 (10-68)

United States of America
Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

April 16, 1982 *Number* SA1611NM

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA1611NM

The conditions and limitations of Type Certificate Data Sheet 2A4 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA1611NM, prescribes the conditions and limitations under which this installation meets the airworthiness requirements of the Civil Air Regulations.

Supplemental Type Certificate Holder: Aero-Air, Inc.

XVII Gulfstream American Model 695, 11 PCLM (Normal Category) Modified April 16, 1982.

Propellers and Propeller Limits:	Hartzell HC-B3TN-5NL/LT10673B-2Q Pitch settings at 30" Station: Low 13.5 ± 0.2°, feather 90 ± 0.5°, Reverse -8 ± 0.5°.
Equipment:	In addition to the FAA Approved Pilot's Operating Manual, the POH Supplement associated with this STC is required.

NOTE:

This propeller installation results in a 10 percent performance loss. For example, takeoff, accelerate/stop distances are increased 10 percent while climb performance is reduced 10 percent. Other performance data is to be adjusted accordingly per POH Supplement.

- END -

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

FORM 8110-2-1 (10-69) *This certificate may be transferred in accordance with FAR 21.47.*

C FAA AC 73-2651