United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA2169NM

This certificate, issued to Maynard C. Crosby

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 23 *of the* Federal Aviation *Regulations.*

Original Product—Type Certificate Number: A11EA

Make: Gulfstream American

Model: AA-1, AA-1A, AA-1B

Description of Type Design Change: Installation of a Sensenich 72 CK Series Propeller, Gulfstream American Spinner (P/N 506006-50), Engine Oil Cooler on a Lycoming O-235-C2C engine in accordance with FAA approved Ameromod Corporation Installation Instructions No. AM 115, or later FAA approved revision.

NOTE: This modification includes an increase in the engine rating from 108 Hp. @ 2600 RPM to 115 Hp. @ 2800 RPM maximum continuous.

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 affect upon the airworthiness of that aircraft. A copy of this Certificate and Addendum SA2169NM, or later FAA approved revision, must 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: March 8, 1983

Date of issuance: November 15, 1983

Date reissued: April 29, 1991

Date amended: April 29, 1991

By direction of the Administrator

(Signature)

Manager, Aircraft Modification Branch
Seattle 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.

This certificate may be transferred in accordance with FAR 21.47.

FAA Form 8110-2 (10-68)

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Supplemental Type Certificate

(Continuation Sheet)

Number SA2169NM

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA2169NM

The conditions and limitations of the original specification apply except as follows:

This Addendum, which is part of Supplemental Type Certificate No. SA2169NM, prescribes conditions and limitations under which the STC was issued and meets the airworthiness requirements of the Civil Air Regulations 3.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: Maynard C. Crosby

I. MODEL AA-1 2PCLM (NORMAL CATEGORY) AS MODIFIED BY STC SA2169NM

Engine:	Lycoming O-235-C2C
Fuel:	80/87 minimum grade aviation gasoline
Engine Limits:	For all operations: 2800 RPM (115 Hp) (Approved by letter dated 1/16/79 on file at FAA Eastern Region)
Propeller and Propeller Limits:	Sensenich 72CK Series Diameter: 72" maximum; 70" minimum Pitch Range: 48" Through 54" Placards: None
C. G. Range:	(Same as Data Sheet A11EA)
Instrument Markings:	Tachometer: Red Line 2800 RPM - Maximum
Placard:	The following placard is to be in front and in full view of the pilot:

MAXIMUM CONTINUOUS RPM - 2800

- END -

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