United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA4968NM

This certificate, issued to Mrs. Anne Barth

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: A16EA

Make: Gulfstream Aerospace

Model: AA-5

Description of Type Design Change: Installation of a Lycoming O-320-E2D engine equipped with a Sensenich 74DM6-0-58 propeller reduced to 73" diameter, using a Lycoming propeller spacer, P/N E18776, modified with 5/8" bushings threaded to accept 3/8" bolts, per Archie Anderson photographs (1) through (9), dated 11/9/89.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for other aircraft. This approval is limited to the installation in Gulfstream Aerospace Model AA-5 aircraft, Serial No. AA5-0337, R/N N5437L, only. A copy of this Certificate, Continuation Sheet and FAA Approved Airplane Pilot's Operating Handbook Supplement dated August 14, 1990, 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: October 6, 1988

Date of issuance: August 14, 1990

Date reissued:

Date amended:

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)

United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA4968NM

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA4968NM

The conditions and limitations of Type Certificate Data Sheet No. A16EA apply except where superseded by the following:

This Supplemental Type Certificate Addendum, which is part of STC SA4968NM prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Federal Aviation Regulations. A copy of this STC Addendum is required to be maintained as part of the permanent records for the modified aircraft.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: Mrs. Anne Barth

1. GULFSTREAM AEROSPACE AA-5, TRAVELER, 4PCLM (NORMAL/UTILITY CATEGORY) AS MODIFIED BY STC SA4968NM.

Engine:	Lycoming O-320-E2D
Propeller and Limits:	Sensenich Model 74DM6-0-58 fixed pitch propeller with a Lycoming spacer equipped with 5/8" bushings threaded to accept 3/8" bolts. Static RPM at maximum permissible throttle setting; not over 2375; not under 2250. No additional tolerance permitted. Diameter: not over 73 inches; not under 72 inches. No additional tolerances permitted.

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