-104S

United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA2563NM

This certificate, issued to HUGHES AVIATION SERVICES
P.O. Box 18428
Las Vegas, NV 89114-8428

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 4b *of the* CIVIL AIR *Regulations.*

Original Product — Type Certificate Number: A12EA
Make: Gulfstream American
Model: G-1159 S/N 008

Description of Type Design Change: This Type Design change involves the installation of Intercontinental Dynamic Corporation Analog/Digital Engine Instruments in place of Standard Engine Instruments. The instruments installed are: RPM-High Pressure Turbine P/N 37800-002, RPM-Low Pressure Turbine P/N 37801-002, Turbine Gas Temperature P/N 37802-002, Engine Pressure Ratio P/N 37802-002, & Fuel Flow P/N 37804-002, & General Electric Fuel Flow Transducers P/N 8TJ85-GAT-1 in accordance with FAA sealed Hughes Aviation Services Drawing 1159 IDC-001 Revision "Original" dated 2/1/85 or later FAA sealed Revision. FAA Approved Airplane Flight Manual Supplement No. G1159-AFM-IDC dated 3/21/85 or later FAA approved revision is required as part of this installation.

Limitations and Conditions: The Type Design changes described above are applicable Gulfstream American Aircraft S/N 008 (Registration No. N225CC) only.

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 23, 1985 *Date reissued:*

Date of issuance: March 22, 1985 *Date amended:*

By direction of the Administrator

[signature]
(Signature)

FEDERAL AVIATION ADMINISTRATION

for Mgr. Western 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)