United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA893SW

This certificate, issued to Rockwell International, Collins Commercial Avionics
400 Collins Road N. E.
Cedar Rapids, Iowa 52498

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: 1A17
Make: Grumman
Model: G-159

Description of Type Design Change:
Installation of dual FD-109 Flight Director/AP104 Autopilot, 54W-1C Comparator Warning, dual AL-101 Radio Altimeter, dual MC-102 Compass, dual 51RV-1 VOR/ILS, 51Z-4 Marker, 860E-2DME, and DF-203 ADF Systems in accordance with Drawing List 776-4198, Revision H, dated July 29, 1968

Limitations and Conditions:
1. STC SA1-498 required.

2. FAA Approved Airplane Flight Manual Supplement for Category I and II dated March 5, 1968, is required.

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, 1968
Date of issuance: March 5, 1968
Date reissued: 12/15/93
Date amended:

By direction of the Administrator

Mark R. Schilling (Signature)
Manager
Special 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)