

United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA1955SW

*This certificate, issued to*  
Rockwell Collins, Inc.  
400 Collins Road NE, MS 164-100  
Cedar Rapids, IA 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 Collins AP-105 Autopilot for Category I Operation.  
**DATA REQUIRED:** (1) AP-105 with Dual FD-109, Collins Drawing Index 992-2648-001, dated April 18, 1980, with optional Elevator Trim Servo Drawing Index 992-2646-001, dated April 21, 1980; (2) AP-105 with Dual FD-108, Collins Drawing Index 992-2649-001, dated April 18, 1980, with optional Trim Servo Drawing Index 992-2646-001, dated April 21, 1980; (3) FAA Approved Airplane Flight Manual Supplement, dated February 18, 1975 for FD-109 or FAA Approved Airplane Flight Manual Supplement, dated October 3, 1978 for FD-108; (4) or latest FAA Approved revision of (1), (2) or (3).

*Limitations and Conditions:* (1) Only Autopilot and Flight Director are approved. (2) This approval should not be extended to other specific airplanes of this model on which other previously approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that airplane. (3) If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

*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:* February 14, 1975

*Date reissued:* 10/4/78; 4/14/80; 12/12/97

*Date of issuance:* February 18, 1975

*Date amended:* May 5, 1980



*By direction of the Administrator*

(Signature)

Dale R. Koonts

Manager, DAS-3CE

(Title)

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(Continuation Sheet)