

**DEPARTMENT OF
TRANSPORTATION**

Federal Aviation Administration

14 CFR Part 39 [SN][R15HT]

**Grumman American
AD 76-01-02
Amendment 39-2521
Effective Feb. 25, 1976
Recurring: 15H**

[Docket No. ; Amendment 39-2521; AD 76-01-02]

Airworthiness Directives; Grumman American Models AA-5, AA-5A, and AA-5B Airplanes.

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

DATES: Effective February 25, 1976.

76-01-02 GRUMMAN AMERICAN: Amendment 39-2485 as amended by Amendment 39-2521.

Applies to Grumman American Model AA-5, AA-5A and AA-5B airplanes, serial numbers AA5-0641 through AA5-0834, AA5A-0001 through AA5A-0050, AA5A-0054 through AA5A-0056, AA5B-0001 through AA5B-0169, AA5B-0171, and AA5B-0180 through AA5B-0183, certificated in all categories.

Compliance required as indicated, unless already accomplished.

To prevent failure of the upper engine cowl, accomplish the following:

- (a) Visually check the upper engine cowl hinge assembly adjacent to the forward and aft attach brackets for cracks,
 - (1) Within the next 15 hours' time in service after January 12, 1976 for Model AA-5B airplanes, and within the next 15 hours' time in service after the effective date of this amendment for Model AA-5 and AA-5A airplanes, or within 50 hours' total time in service, whichever occurs last.
 - (2) **Thereafter at intervals not to exceed 15 hours' time in service from the last inspection** until modified in accordance with paragraph (b) below.
- (b) Replace the upper engine cowl hinge assembly with Grumman American Part Number 5101030-901 hinge assembly in accordance with **Grumman American Service Bulletin No. 152** dated December 24, 1975 or later FAA approved revision thereto,
 - (1) Before further flight if cracks are found, but
 - (2) No later than 100 hours' time in service after:

- (i) January 12, 1976 for Model AA-5B airplanes, and
- (ii) The effective date of this amendment for Model AA-5 and AA-5A airplanes.

Equivalent modification may be approved by the Chief, Engineering and Manufacturing Inspection Branch, FAA Great Lakes Region.

The checks for cracks required by this AD constitute preventive maintenance and may be performed by persons authorized to perform preventive maintenance under Federal Aviation Regulations, Part 43.

The manufacturer's specifications and procedures identified and described in this directive are incorporated herein and made a part hereof pursuant to 5 U.S.C. 552(a)(1). All persons affected by this directive who have not already received these documents from the manufacturer may obtain copies upon request to Grumman American Aviation Corporation, 318 Bishop Road, Cleveland, Ohio 44143. These documents may also be examined at FAA Great Lakes Region, 2300 East Devon Avenue, Des Plaines, Illinois 60018 and at FAA headquarters, 800 Independence Avenue, S. W., Washington, D. C. A historical file on this AD which includes the incorporated material in full is maintained by the FAA at its headquarters in Washington, D. C., and at the Great Lakes Region.

Amendment 39-2485 became effective January 12, 1976.

This amendment 39-2521 becomes effective February 25, 1976.

Manufacturer's Service Information:

Grumman American Service Bulletin No. 152 [\[152A\]](#)

All persons affected by this directive who have not already received these documents from the manufacturer may obtain copies upon request to Grumman American Aviation Corporation, 318 Bishop Road, Cleveland, Ohio 44143.