

**DEPARTMENT OF
TRANSPORTATION**

Federal Aviation Administration

14 CFR Part 39 [SN][R100HT]

Gulfstream American
AD 79-22-04
Amendment 39-3600
Effective Nov. 9, 1979
Supersedes AD 79-16-05
Recurring: 100H

[Docket No. ; Amendment 39-3600; AD 79-22-04]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

DATES: Effective November 9, 1979.

79-22-04 GULFSTREAM AMERICAN CORPORATION (GAC): Amendment 39-3600.

Applies to GAC Model AA-5, serial numbers AA5-0001 and subsequent, Model AA-5A, serial numbers AA5A-0001 and subsequent, Model AA-5B, serial numbers AA5B-0001 and subsequent, airplanes certificated in all categories, except those aircraft modified in accordance with AD 79-16-05 which required **GAC Service Kit 150** be installed.

Compliance is required as indicated, unless already accomplished.

To prevent possible aileron oscillation, accomplish paragraphs (a) and (b) or paragraphs (a), (c), and (d).

(a) Inspect the aileron system within 25 hours time in service after the effective date of this AD

as follows:

- (1) Inspect aileron trim tabs for loose rivets and general condition. Replace or repair as necessary.
- (2) Inspect the aileron for damage or delamination. Repair and rebalance as necessary per GAC AA-5 series Service Manual.
- (3) Inspect aileron bearings and stops for wear, damage, and secure mounting. Repair per GAC AA-5 series Service Manual.
- (4) Inspect and adjust rigging and cable tension per GAC AA-5 series Service Manual.
- (5) Inspect aileron torque tubes for wear and loose joints. Repair per GAC AA-5 series Service Manual.

- (b) **Repeat the inspection in (a) every 100 hours time in service.**
- (c) Within 25 hours time in service after the effective date of this AD, modify the aileron in accordance with:
 - (1) **GAC Service Kit No. 150** dated July 13, 1979, or later revision approved by the Chief, Engineering and Manufacturing Branch, FAA, Southern Region, or
 - (2) An equivalent method of compliance if approved by the Chief, Engineering and Manufacturing Branch, FAA, Southern Region.
- (d) If the modification in (c)(1) is accomplished, any autopilot system installed in the aircraft
must be disconnected prior to further flight in a manner which will not permit use or reconnection during flight. Install a placard in full view of the pilot utilizing a minimum of ¼ inch high letters with the wording

“AUTOPILOT DEACTIVATED.”

The use of the autopilot system is prohibited until the STC holder provides instructions for reactivation which have been approved by the Chief, Engineering and Manufacturing Branch of the appropriate FAA Regional Office.

- (e) The repetitive inspections required by paragraphs (a) and (b) are not required when the aircraft is modified in accordance with paragraph (c).
- (f) Make appropriate maintenance record entry.

This supersedes Amendment 39-3524, AD 79-16-05, as amended by Amendment 39-3586.

This Amendment 39-3600 is effective November 9, 1979.

Manufacturer's Service Information:

Gulfstream American Corporation Service Kit 150