

Gulfstream (Grumman American/ American Aviation) AA-5 Series Aeroplanes

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**AD/AA-5/23**                      **Aileron System - Inspection and Modification**                      **NK**  
**Amdt 3**

Applicability:    All models AA-5, AA-5A and AA-5B with S/Nos. AA5-0001 and subsequent, AA-5A-0001 and subsequent and AA5B-0001 and subsequent.

Document:        1. Gulfstream American SB 165A; or  
                         2. FAA AD 79-22-04, Amendment 39-3600; and  
                         Gulfstream American SB 168.

Compliance:     Inspect ailerons, aileron trim tabs and aileron torque tubes within 25 hours time in service after 26 November 1979 and thereafter at intervals not exceeding 100 hours time in service until GAC Service Kit No. 150 is incorporated. After incorporation of Service Kit No. 150 continue inspection of torque tube per SB 168 every 100 hours time in service for 5 consecutive inspections without defect.

Background:     The manufacturer has received reports of aileron oscillation in flight and later reports of looseness in the aileron torque tube joints of those aeroplanes modified with Service Kit 150. This revision allows the option of continued repetitive inspection in lieu of incorporation of the service kit. If the Service Kit is installed a programme of inspection of torque tubes is required thereafter.