

Boeing 737 Series Aeroplanes

AD/B737/114
Amdt 1

Aileron

6/98

Applicability: All Model 737-100, -200, -300, -400, and -500 series aircraft.

Requirement: a. Perform a one-time visual inspection to determine if an aileron built by Tramco Inc. (trading as BFGoodrich Aerospace, Repair Station HN6R593N), having any of the following serial numbers and correlating part numbers is installed on the aircraft:

Serial Number	Part Number
BN23	65-46454-22
BN49	65-46454-23
BN56	65-46454-24
BN59	65-46454-24A
BN167	65-46454-24
BN180	65-46454-23
BN206	65-46454-2
BN236	65-46454-24
162	65-46454-24
237	65-46454-24

b. If any aileron is found with an affected serial number and correlating part number identified in Requirement paragraph (a), remove the defective aileron, and replace it with a new or serviceable aileron.

Note: FAA AD 98-03-09 Amdt 39-10301 refers.

Compliance: Unless already accomplished, before 21 July 1998.

This amendment becomes effective on 21 May 1998.

Background: The FAA received two reports of failure of the aileron on Boeing Model 737 series aircraft. In one incident, a two-foot section of an aileron separated from the aircraft during descent, which resulted in vibration of the flight controls. In the second incident, 30 percent of an aileron separated from the aircraft during climb. Investigation revealed that the cause of these failures has been attributed to an inappropriate repair procedure.

Amendment 1 is issued in response to a new FAA AD which gives additional information that specifies the identification of certain part numbers.

The original issue of this Airworthiness Directive became effective on 26 February 1998.