

Boeing 747 Series Aeroplanes

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**AD/B747/76**  
**Amdt 1**

**H-11 Steel Bolts**

**7/90**

Applicability: Model 747 with line numbers 001 through 648.

- Requirement:
1. Visually inspect H-11 steel bolts for cracks or fractures at locations in accordance with Boeing SB 747-51-2043 Rev 1.
  2. Replace all H-11 steel bolts with Inconel 718 bolts at locations in accordance with Boeing SB 747-51-2043 Rev 1.

*Note: FAA AD 89-23-07 refers.*

Compliance: For Requirement 1: Prior to exceeding 4 years since date of manufacture or within 15 calendar months after 22 February 1990, whichever occurs later, and thereafter at intervals not exceeding 18 calendar months until H-11 bolts are replaced with Inconel 718 bolts.

For Requirement 2: Prior to 22 February 1994.

Background: Country of origin AD. Fracture or cracking of H-11 steel bolts at critical locations has been reported. This condition if not corrected could result in severe structural damage. Amendment 1 references the latest revision to the Requirement document.