

Boeing 747 Series Aeroplanes

---

**AD/B747/217**

**E-42 Satellite Communications Rack - 2**

**13/99  
DM**

**Applicability:** Model 747-300 series aircraft listed in Boeing Alert Service Bulletin 747-53A2428, dated December 17 1998, and Model 747-400 series aircraft equipped with a Boeing installed E-42 satellite communications (SATCOM) rack.

*Note: Flight Structures type E-42 SATCOM rack installations are covered by AD/B747/213.*

**Requirement:** Action in accordance with the technical requirements of FAA AD 99-14-04 Amdt 39-11212.

**Compliance:** As specified in the Requirement document for the initial and repeat inspections, with a revised effective date of 10 December 1999.

This Airworthiness Directive becomes effective on 10 November 1999.

**Background:** The FAA received reports of fatigue cracking and broken and/or missing fasteners found on the E-42 SATCOM equipment rack structure that attaches to the fuselage structure on several Model 747-300 and -400 series aircraft. Investigation revealed that one of the four stanchions was completely broken on two aircraft.