



Airworthiness Directives (ADs) Issued

[AD 85-22-12](#) required a one-time visual inspection of the aft side of the aft pressure bulkhead for evidence of repairs or damage. It further required reporting of a complete description of the findings (sketches, photos, or drawings, as necessary) of the inspections.

[AD 86-08-02](#) was issued on April 4, 1986. This AD became effective on May 19, 1986 and was applicable to all Boeing Model 747 series airplanes. It requires the addition of a structural cover for the opening within the empennage, which provides access to the vertical fin. This is to prevent structural failure of the vertical fin in the event of failure of the aft pressure bulkhead.

On May 26, 1987, the FAA issued [AD 87-12-04](#) to require installation of a hydraulic fuse in the number four hydraulic system on Boeing Model 747 series airplanes. The AD became effective on July 13, 1987.

AD 87-23-10 was effective December 10, 1987 and required inspection for damage and cracking of the aft pressure bulkhead on Boeing Model 747 airplanes. This AD was later superseded by AD 98-20-20 which added repetitive inspections. AD 98-20-20 was, in turn, superseded by [AD 2000-15-08](#), which requires that a one-time inspection to detect cracking of the upper segment of the bulkhead web be accomplished repetitively, and adds additional repetitive inspections to detect cracking of the upper and lower segments of the aft bulkhead web.

Release 5, 10/23/2009