

Airbus Industrie A319, A320 and A321 Series Aeroplanes

AD/A320/91 Frames 43 and 44 Pressure Floor Connection 2/98

Applicability: Model A320 with MSN 005 through 008, 010 through 014, and 016 through 043, without Modification 20941 or Service Bulletin A320-53-1015 incorporated.

- Requirement:
1. Inspect bolts and fittings of the frame to pressure floor connection at frames 43 and 44 in accordance with Airbus Industrie Service Bulletin A320-53-1083 revision 2.
 2. If bolts are found cracked and/or missing and/or fittings are cracked, apply the corresponding inspection program and corrective actions in accordance with the instructions given in Service Bulletins A320-53-1083 revision 2 and A320-53-1015.
 3. If no crack is detected on the frames and bolts, repeat the inspection as defined in Requirement 1 of this Directive.

Note: DGAC AD 97-316-110 (B) refers.

- Compliance:
1. Before the accumulation of 20,000 flights.
 2. At the thresholds and intervals specified in the Requirement 2 documents.
 3. At intervals not to exceed 5,100 flights after initial inspection.

This airworthiness directive becomes effective on 29 January 1998.

Background: During a full scale fatigue test, a bolt at frame 43, which connects the frame segment with the pressure floor, sheared off. A crack developed after further simulated flights.