

British Aerospace BAe 125 Series Aeroplanes

AD/HS 125/51 Nose Landing Gear Drag Stay Bridge Casting 3/95
Amdt 3

Applicability: All BAe 125 series aircraft pre mod 253003A and spare P/N 25UN49A and 25UN49AD bridge casting assemblies.

Requirement: 1. Eddy current inspect P/N 25UN49A and 25UN49AD bridge casting assemblies in accordance with BAe SB 32-184 Revision 5.
2. Blend P/N 25UN49A bridge casting assemblies in accordance with BAe Service Bulletin (SB) 32-184 Revision 5.

Compliance: 1. Initially inspect and blend installed components in accordance with Requirements 1 and 2 at the next Service A check after 2000 landings or at the next Service A check after 30 March 1995, whichever occurs later.
2. Inspect and blend spare components in accordance with Requirements 1 and 2 before installation on an aircraft or before 30 March 1996, whichever occurs first.
3. Re-inspect installed components in accordance with Requirement 1 at intervals not to exceed 900 hours time in service or 2 years, whichever occurs first.

Note: Components inspected by previous Amendments of this Airworthiness Directive need not be eddy current inspected until the repeat inspection is due.

Background: Several cases have occurred of cracking of the bridge casting at the radius of the cut out for the drag stay upper arm. This amendment deletes the penetrant inspection and introduces the more effective eddy current inspection method. The initial inspection for spare components is clarified.