

British Aerospace BAe 3100 (Jetstream) Series Aeroplanes

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**AD/JETSTREAM/17  
Amdt 3**

**Elevator Trim Servo Cable  
P/N 137187E472**

**11/97**

Applicability: All Jetstream Series 3100 aircraft, with Sperry SPZ-200B autopilot installed.

Jetstream Series 3100 aircraft, with Sperry SPZ-500 autopilot installed, excluding aircraft that have autopilot installed under Customer Requirement Kit JK2864 (Service Bulletin 34-JK2864).

Requirement: Action in accordance with Jetstream Alert Service Bulletin 22-A-JA 861023 Revision 3. This Alert Service Bulletin has been classified mandatory by the UK CAA.

*Note: Jetstream SB 27-JK 12006 introduced a new cable with a life limitation of 4,000 hours time in service.*

Compliance: As specified in Part J of the requirement document.

Background: The manufacturer reported a case of cable failure that left the trim tab in an irreversible position whilst giving a cockpit indication that all was normal. Amendment 1 reduced the cable life limit from 2,000 hours to 1,000 hours. Amendment 2 introduced an improved 7x19 elevator trim cable with an increased life limit.

Amendment 3 is issued in response to a revision of the requirement document which clarifies both the applicability and compliance requirements.

Amendment 2 of this airworthiness directive became effective on 12 October 1995.

Amendment 1 of this airworthiness directive became effective on 17 January 1989.

The original issue of this airworthiness directive became effective on 18 December 1986.