

---

## AIRWORTHINESS DIRECTIVE

---

For the reasons set out in the background section, the CASA delegate whose signature appears below issues the following Airworthiness Directive (AD) under subregulation 39.001(1) of CASR 1998. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct the unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

---

### British Aerospace BAe 3100 (Jetstream) Series Aeroplanes

**AD/JETSTREAM/102**

**Steering Jack Gland Housing**

**7/2006**

**Applicability:** All Models HP137 Jetstream Mark 1, Jetstream Series 200, 3100 and 3200 aeroplanes.

**Requirement:** For steering jack part number 6182-1 to 6182-5, install a serviceable steering jack in accordance with Jetstream Service Bulletin 32-JM5417 at Original Issue or later approved revision.

*Note: EASA AD 2006-0128 dated 18 May 2006 refers.*

**Compliance:** At the next overhaul of the steering jack or by 1 July 2012, whichever occurs first, after the effective date of this AD.

This Airworthiness Directive becomes effective on 6 July 2006.

**Background:** Two incidents have been reported where the normal hydraulic supplies were lost due to the failure/loss of the steering jack gland housing. This has been attributed to pre-existing thread damage on the steering jack gland housing. Three previous failures may also be due to this failure mechanism.

Failure of the steering jack gland housing resulted in significant damage to the right hand undercarriage bay door, and could result in the nose landing gear jamming in a fully or partially retracted position. Landing in such a condition is considered as potentially unsafe due to the degraded control of the aircraft post touch down.



James Coyne  
Delegate of the Civil Aviation Safety Authority

24 May 2006