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**AIRWORTHINESS DIRECTIVE**

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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.

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**Rolls Royce Germany Turbine Engines - BR700 Series****AD/BR700/7****Engine Electronic Controller (EEC)****12/2005  
TX**

**Applicability:** BR700-715A1-30, BR700-715B1-30 and BR700-715C1-30 Engines which have an Engine Electronic Controller (EEC) with the part number 114E6112G120 and the serial numbers LHBR04I3 to LHBR04I9 installed.

**Requirement:**

1. If both engines on an aircraft have an affected EEC installed.
2. If only one of the two engines on an aircraft has an affected EEC installed, the affected EEC must be replaced.

Carry out the replacement of the EEC in accordance with Rolls-Royce Deutschland Alert Service Bulletin BR700-73-A900378, dated 16 September 2005.

*Note: LBA AD D-2005-359 refers.*

**Compliance:**

1. One of the two affected EEC's must be replaced before further flight. The other affected EEC must be replaced within the next 50 flight hours after the effective date of this Directive.
2. Within the next 50 flight hours after the effective date of this Directive.

This Airworthiness Directive becomes effective on 26 September 2005.

**Background:** This airworthiness directive requires the replacement of certain Engine Electronic Controllers that have been found to have thread locking compound applied incorrectly. This could lead to hardware coming loose within the EEC and causing a short circuit and subsequent failure of the EEC.



James Coyne  
Delegate of the Civil Aviation Safety Authority

22 September 2005