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 39.1 (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.

Beechcraft 400 Series Aeroplanes

AD/BEECH 400/25 — Roll Trim Printed Circuit Board Assembly — 5/2004

Applicability: Beech 400 series aeroplanes as follows:

Model	Serial Number Range
400A	RK-45 and RK-49 through RK-322 inclusive
400T	TT-1 through TT-180 inclusive and TX-1 through TX-12 inclusive

Requirement:

1. Perform an inspection to determine the part number of the A194 roll trim printed circuit board (PCB) assembly, in accordance with Raytheon Service Bulletin SB 27-3464, dated December 2001. If the A194 PCB has a part number (P/N) of 128-364122-7 or higher (ie 128-364122-9, -11, etc) no further action is required.

2. If the A194 PCB does not have a P/N of 128-364122-7 or higher replace the A194 PCB with a PCB having a part number of 128-364122-7 or higher, in accordance SB 27-3464.

3. A194 roll trim PCB with P/N 128-364122- 1 or 128-364122-5 may not be installed on any aeroplane as a replacement part.

Note: FAA AD 2004-03-35 Amdt 39-13479 refers.

Compliance: For Requirement 1 - Within 200 hours time in service or six months after the effective date of this Directive, whichever occurs first.

For Requirement 2 - Before further flight, after the Requirement 1 inspection.

For Requirement 3 - As of the effective date of this Directive.

This Airworthiness Directive becomes effective on 13 May 2004.

Beechcraft 400 Series Aeroplanes

AD/BEECH 400/25 (continued)

Background: This Directive requires an inspection to determine the part number of the A194 roll trim PCB and, if necessary, replacement of certain PCBs with improved parts. This action is necessary to prevent intermittent sticking of the relays on the PCB in either the open or closed position, which could result in an out-of-trim condition that may require the use of considerable control wheel force to keep the wings level and consequent reduced controllability of the aeroplane.

James Coyne
Delegate of the Civil Aviation Safety Authority

1 April 2004

The above AD is notified in the *Commonwealth of Australia Gazette* on 21 April 2004.