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.

Diamond HK-36 Series Aeroplanes

AD/DIMO/2 Aileron Control System Push Rods 11/2003 DM

Applicability: All Model HK 36, HK 36 R, HK 36 TC, HK 36 TS, HK 36 TTC, HK 36 TTS, and HK 36 TTC-ECO aircraft.

Requirement:

1. Inspect the long aileron push rods in both wings in accordance with Diamond Aircraft Industries Service Bulletin No. MSB36-72, dated 1 February 2002.

2. Modify the long aileron pushrods in accordance with Diamond Aircraft Industries Work Instruction No. WI-MSB36-72, revision 0, dated 1 February 2002.

If damage or cracks are found during any inspection, before further flight, accomplish requirement 2.

Note: Austrian CAA AD No. 111 refers.

Compliance:

1. Unless the initial inspection is already accomplished, before further flight after 10 September 2003; thereafter at each scheduled inspection, until Requirement 2 is accomplished.

2. Before 30 October 2003, unless already accomplished.

This Airworthiness Directive becomes effective on 10 September 2003.

Background: Deformation and cracking has been found in the long spanwise aileron pushrod, due to contact with the support for the aileron bellcrank. Failure of the aileron pushrod could result in decreased control and lead to aeroelastic flutter.

David Villiers
Delegate of the Civil Aviation Safety Authority

4 September 2003

The above AD is notified in the *Commonwealth of Australia Gazette* on 10 September 2003.