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.

Cessna 120 and 140 Series Aeroplanes

AD/CESSNA 120/9   Wing Drag Wire System   5/2003

Applicability: All Model 120 and 140 aircraft.

Requirement: Inspect wing drag wire system for loose or broken drag wires and inspect ribs for damage. Install inspection openings aft of the rear spar just inboard of Rib 5 and just outboard of Rib 10, if not already installed.

Following inspection, before further flight; re-rig loose drag wires, replace broken drag wires, and repair or replace buckled drag ribs as necessary. Replace broken No. 6 drag wires in the outer wing panel with No. 8 drag wires.

Buckling of the intermediate rib flanges at the spar cutouts does not render the wing unserviceable, however, reinforcement with Cessna part number 10004-58 is recommended. If the flanges are cracked, before further flight, install the above specified reinforcement.

Note: FAA AD 48-25-03 and Cessna Service Letters 27 and 39 refer.

Compliance: Within 100 hours time in service or 12 months after 15 May 2003, whichever occurs first. Thereafter at intervals not to exceed 100 hours time in service.

This Airworthiness Directive becomes effective on 15 May 2003.

Background: The FAA requires regular inspection of the wing drag wire system.

David Alan Villiers
Delegate of the Civil Aviation Safety Authority

4 April 2003

The above AD is notified in the *Commonwealth of Australia Gazette* on 23 April 2003.