
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 120/4

Aileron Support Ribs

5/2003

Applicability: Model 120 and 140 aircraft, serial numbers 8001 through 10209.

Requirement: Inspect the aileron support ribs for indications of buckling or cracking, particularly in the narrow part of the web at the aft edge of the lightening hole and in the top flange just forward of the doubler plate. Replace any damaged support rib with Cessna parts 0422200-2 (left) and 0422200-3 (right), which are made of 0.051-inch material and have a shorter lightening hole.

Note: FAA AD 47-43-06 and Cessna Service Letter No. 46 refers.

Compliance: Within 100 hours time in service or 12 months after 15 May 2003, whichever occurs first, and thereafter at intervals not to exceed 100 hours; and whenever the aircraft is tied down and subjected to high winds without the controls having been locked; until Cessna parts 0422200-2 and 0422200-3 are installed.

This Airworthiness Directive becomes effective on 15 May 2003.

Background: The FAA requires inspection of the aileron support ribs until modified.



David Alan Villiers
Delegate of the Civil Aviation Safety Authority

4 April 2003