
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 120/6

**Horizontal Stabiliser to Fin
Post Attachment**

5/2003

Applicability: Model 120 and 140 aircraft, serial numbers 8001 through 14329.

Requirement: Inspect the two bolts attaching the horizontal stabiliser to the fin post for tightness and correct length. If no bolt threads extend through the fibre lock rings of the anchor nuts inside the stabiliser attachment fitting, or if the bolts show any indication of having backed off when check torqued; replace the bolts with AN 4-5A on aircraft serial numbers 10091 and subsequent, or AN 3-5A bolts on aircraft serial numbers up to and including 10090.

If the new bolts do not develop at least 3-inch pounds torque in the anchor nut, substitute AN 4-H5A or AN 3-H5A (drilled head) bolts, as applicable, and lockwire the bolts together.

Check the clearance of the elevator horn and horn bolts with respect to the cutouts in the fin spar, and increase to a minimum of 0.125-inch wherever necessary.

Note: FAA AD 48-07-01 and Cessna Service Letter No. 52 refer.

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

This Airworthiness Directive becomes effective on 15 May 2003.

Background: The FAA requires repetitive inspections and any necessary follow-up actions to ensure the security of the horizontal stabiliser to fin attachment.



David Alan Villiers
Delegate of the Civil Aviation Safety Authority

4 April 2003