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## AIRWORTHINESS DIRECTIVE

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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.

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### Cessna 170, 172, F172, FR172 and 175 Series Aeroplanes

**AD/CESSNA 170/75**

**Upper Shoulder Harness  
Adjuster Spring**

**13/2004**

**Applicability:** Models 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, P172D, 175, 175A, 175B, and 175C aircraft, with serial numbers listed in Cessna Single Engine Service Bulletin (SB) SEB86-8 Revision 1, dated 28 July 2003.

**Requirement:** 1. Inspect only the upper shoulder harness adjuster (part number 443030-401) for the presence of a retainer spring, in accordance with SB SEB86-8 Revision 1.

If a retainer spring is found during the above inspection of the upper shoulder harness adjuster (part number 443030-401), before further flight, remove the spring by cutting each side, and stamp out the -401 identification number; in accordance with SB SEB86-8 Revision 1.

If a retainer spring is not found during the above inspection of the upper shoulder harness adjuster (part number 443030-401), before further flight, make an entry in the aircraft log book showing compliance with this Directive.

2. Only incorporate Cessna Accessory Kits that have been identified, inspected, and modified in accordance with the Requirement document.

*Note: FAA AD 2004-19-01 Amdt 39-13795 refers.*

**Compliance:** 1. Within the next 25 hours time in service or at the next annual inspection after 23 December 2004, whichever occurs first.

2. As of the effective date of this Directive.

*Note: Compliance with SB SEB86-8 original issue, dated 21 November 1986, constitutes terminating action for the requirements of this Directive, if shoulder harness adjuster part number 443030-401 was used.*

This Airworthiness Directive becomes effective on 23 December 2004.

**Cessna 170, 172, F172, FR172 and 175 Series Aeroplanes**

AD/CESSNA 170/75 (continued)

Background: The manufacturer determined that some of the shoulder harness belt adjusters included in the affected shoulder harness accessory kits may have had a small wire spring inadvertently installed on the belt friction pin. The actions required by this Directive are intended to prevent slippage of the pilot/co-pilot shoulder harness, which could result in failure of the shoulder harness to maintain proper belt length adjustment and tension.



David Villiers  
Delegate of the Civil Aviation Safety Authority

10 November 2004