
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 39.001(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 650 (Citation III) Series Aeroplanes

AD/CESSNA 650/7

Actuator Control Unit

9/2005

Applicability: All Model 650 aeroplanes.

- Requirement:
1. Inspect the actuator control unit (ACU) to determine the part number (P/N) in accordance with the Accomplishment Instructions of Cessna Service Bulletin SB 650-27-53, dated 11 March 2004. If an ACU having P/N 9914197-7 is installed on the aeroplane, then no further action is required by this Directive.
 2. If an ACU with either P/N 9914197-3 or P/N 9914197-4 is installed on the aeroplane, replace the existing ACU in accordance with SB 650-27-53 with a new, improved ACU having P/N 9914197-7.

Later revisions of the above SB, approved by the United States Federal Aviation Administration (FAA) as an Alternate Method of Compliance (AMOC) to FAA AD 2005-13-21, are considered acceptable for compliance with the equivalent Requirements of this Directive.

3. Revise the Limitations and Normal Procedures sections of the aircraft flight manual (AFM) by inserting into the AFM a copy of all the applicable Cessna temporary revisions (TRs) listed in the following Table:

AFM Revisions

Applicable Model 650 aeroplanes	Cessna TR(s)
Citation III, S/Ns 0001 through 0199 inclusive and 0203 through 0206 inclusive; equipped with Honeywell SPZ-8000 integrated avionics system.	65C3FM TC-R02-01, dated 12 May 2004, and 65C3FM TC-R02-06, dated 11 August 2004.
Citation III, S/Ns 0001 through 0199 inclusive, and 0203 through 0206 inclusive; not equipped with Honeywell SPZ-8000 integrated avionics system.	65C3FM TC-R02-01, dated 12 May 2004, and 65C3FM TC-R02-07, dated 11 August 2004.
Citation VI, S/Ns 0200 through 0202 inclusive, and 0207 and subsequent	65C6FM TC-R04-01, dated 12 May 2004, and 65C6FM TC-R04-06, dated 11 August 2004.
Citation VII, S/Ns 7001 and subsequent	65C7FM TC-R10-01, dated 12 May 2004.

Cessna 650 (Citation III) Series Aeroplanes

AD/CESSNA 650/7 (continued)

Citation VII, S/Ns 7001 and subsequent, equipped with Honeywell SPZ-8000 integrated avionics system. 65C7FM TC-R10-07, dated 11 August 2004.

Note 1: When a statement identical to that in the applicable TR(s) listed in the above Table has been included in the general revisions of the AFM, the general revisions may be inserted into the AFM, and the copy of the applicable TR may be removed from the AFM.

Note 2: FAA AD 2005-13-21 Amdt 39-14158 refers.

Compliance: For Requirements 1 and 2 - Within 12 months after the effective date of this Directive.

For Requirement 3 - Within 1 month after the effective date of this Directive or concurrently with the replacement required by Requirement 2, whichever occurs first.

This Airworthiness Directive becomes effective on 1 September 2005.

Background: This Directive requires the inspection of the ACU to determine the part number and, if necessary, the replacement of the ACU with a new, improved ACU. The Directive also requires the revision of the AFM Limitations Section. These actions are intended to prevent uncommanded movement of the horizontal stabilizer, which could result in reduced controllability of the aeroplane.



David Villiers
Delegate of the Civil Aviation Safety Authority

21 July 2005