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No. CF-93-28

AIRWORTHINESS DIRECTIVE

The following airworthiness directive (AD) may be applicable to an aircraft which our records indicate is registered in your name. ADs are issued pursuant to Canadian Aviation Regulation (CAR) 593. Pursuant to CAR 605.84 and the further details of CAR Standard 625, Appendix H, the continuing airworthiness of a Canadian registered aircraft is contingent upon compliance with all applicable ADs. Failure to comply with the requirements of an AD may invalidate the flight authorization of the aircraft. Alternative means of compliance shall be applied for in accordance with CAR 605.84 and the above- referenced Standard.

This AD has been issued by the Continuing Airworthiness Division (AARDG), Aircraft Certification Branch, Transport Canada, Ottawa, telephone (613) 952-4357.

CF-93-28 CONSTRUCCIONES AERONAUTICAS S.A. - CASA

Applies to all models of CASA C-212 series aircraft.

Compliance is required as indicated, unless already accomplished.

Transport Canada is aware of two accidents involving the CASA C-212 where the movement of the aircraft power levers aft of the flight idle position while in flight, whether intentional or unintentional, may have been contributing factors. If the flight idle stop gate triggers are lifted, failure of the backup blocking device could permit in-flight movement of the power levers below the flight idle position, resulting in reduced controllability of the aircraft.

In order to prevent the power levers being retarded past the flight idle position while in flight, accomplish the following:

- A. Within 60 days after the effective date of this directive, unless previously accomplished, install backup power lever blocking devices in accordance with CASA Service Bulletin (SB) 212-76-07 Revision 1 dated 23 December 1991.
- B. Immediately after the incorporation of SB 212-76-07 Revision 1, accomplish the following functional test to ensure proper operation of the backup power lever blocking devices. This test must be accomplished, unless it can be shown that the SB has previously been incorporated, and that the following functional test had been carried out within the previous 300 hours time-in-service.
 1. Jack up the aircraft so that both main landing gear shock absorbers are fully extended.
 2. Move both power levers to the **FLIGHT IDLE** position or above.
 3. Without power applied to the auxiliary battery busbar and/or with circuit breaker KA55 open, lift the flight idle stop gate triggers and move both power levers into the **GROUND IDLE** position or below. It should be possible to freely move the power lever below the flight idle gate in this step of the test.
 4. Again move the power levers to the **FLIGHT IDLE** position or above.
 5. Apply power to the auxiliary battery busbar and ensure that circuit breaker KA55 is closed.
 6. Lift the flight idle stop gate triggers and attempt to move both power levers to **GROUND IDLE** position or below. It should be impossible to move the power levers below the **FLIGHT IDLE** position. If one or both power lever(s) can be moved below the **FLIGHT IDLE** position in this step of the test, the backup blocking device is not working properly; therefore, prior to further flight, restore the backup blocking devices to the configuration described in CASA SB 212-76-07 Revision 1 and repeat the above functional test.
- C. At intervals not to exceed 300 hours time in service, repeat the functional test of the backup power lever blocking devices detailed in section B of this directive.

Alternative means of compliance with the requirements of this directive may be used only if approved by the Director, Airworthiness Branch, Transport Canada, Ottawa. Any application should be made to the appropriate regional office.

This directive becomes effective 31 December 1993.

Pursuant to CAR 202.51 the registered owner of a Canadian aircraft shall, within seven days, notify the Minister in writing of any change of his or her name or address. To request a change of address, contact the Civil Aviation Communications Centre (AARC) at Place de Ville, Ottawa, Ontario K1A 0N8, or 1-800-305-2059, or <http://www.tc.gc.ca/civilaviation/communications/centre/address.asp>.

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