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No. CF-93-04

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-93-04 FOKKER

Applies to Fokker Model F28 Mk. 1000, 2000, 3000 and 4000 aircraft with serial numbers as indicated.

Compliance is required within 12 months after the effective date of this directive.

Investigation shows that the evacuation lights might not illuminate automatically if normal airplane electric power is lost, because power to the power bus may still be maintained from the battery. This condition, if not corrected, could result in failure of the evacuation lights to operate when needed in an emergency situation.

To ensure the proper operation of the emergency lighting system, accomplish the following:

Part I

Applies to aircraft serial numbers 11003 through 11172, 11174, 11178 through 11180, 11991 and 11992.

Unless previously accomplished, replace the cockpit emergency light switch with a 3-position switch having **ON**, **OFF** and **ARMED** positions and modify the airplane electrical system to allow the independent activation of the evacuation lights from the flight attendant stations.

Accomplish the required modification in accordance with Fokker Service Bulletin No. F28/33-26, dated 12 October 1983.

Part II

Applies to aircraft serial numbers 11003 through 11241, 11991 and 11992.

Unless previously accomplished, modify the emergency lighting system to ensure that upon loss of normal electric power, with the 3-position cockpit-mounted emergency lighting switch in the **ARM** position, the evacuation lights illuminate automatically and are powered by their own dedicated battery packs. (NOTE: Normal electric power is interpreted as generator electric power.)

Accomplish the required modification in accordance with Fokker Service Bulletin No. F28/33-35, dated 24 April 1989.

Upon incorporation of Part II of this directive, the Fokker F28 flight manual (Flight Handbook) section 1.2.11 must be amended to incorporate a revised emergency procedure for the case of loss of normal electric power in flight. The flight manual amendment will be provided by Fokker after Fokker has been notified by the operator of the planned incorporation of the above service bulletin.

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 airworthiness office.

This directive becomes effective 14 April 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>.

24-0022 (01-2001)

Full document details: TC AD CF-1993-04-1983 /