



Transport
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No. CF-96-01

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-96-01 JETSTREAM

Applies to the following Jetstream Aircraft Limited models:

- (i) All HP137 Mk1 aircraft;
- (ii) All Jetstream Series 200 aircraft;
- (iii) All Jetstream Series 3100 aircraft; and
- (iv) Jetstream Series 3200 aircraft up to and including constructor's number 956.

Compliance is required as indicated.

Failure of the flap torque shaft assembly could result in asymmetric flap deployment and loss of control of the aircraft. To prevent failure, the United Kingdom Civil Aviation Authority (CAA) mandated several Jetstream Aircraft Limited service bulletins which introduce a service life limit and repetitive inspections to the flap torque shaft assembly.

This directive has been issued to provide operators of affected Canadian registered aircraft with an alternate means of compliance to the CAA-mandated limitations.

To eliminate the repetitive inspections and the flap torque shaft assembly service life limit, at the operator's convenience, accomplish either paragraph (a) or paragraph (b) shown below:

- (a) Install an improved flap torque shaft assembly in accordance with Part 1 of the Accomplishment Instructions section of the Jetstream Aircraft Limited Service Bulletin (SB) No. 27-JA920340 Revision 2, dated 21 December 1993; or
- (b) Modify the existing flap torque shaft assembly in accordance with Part 2 of the Accomplishment Instructions section of the Jetstream SB No. 27-JA920340 Revision 2, dated 21 December 1993.

Compliance with this directive renders compliance with the following CAA-mandatory Jetstream Aircraft Limited service bulletins unnecessary:

- 27-A-JA 840421 Introduction of Life-in-Service Limit for Flap Torque Shaft Assemblies
- 27-A-JA 881041 Inspection of Flap Torque Shaft Universal Joints
- 27-A-JA 900544 Flap Torque Shaft Assemblies, Reduction in Fatigue Life
- 27-JM 5313 Introduction of Pivot Pin Retaining Plates at the Flap Torque Shaft Universal Joints
- 27-JM 5322 Introduction of Extended Pivot Pin Retaining Plates at the Flap Torque Shaft Universal Joints

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.



Documents

Document Sharing Hub

This directive becomes effective 21 February 1996.

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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