



No.	CF-2012-14R1	1/1
Issue Date	9 May 2012	

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) 521 Division X**. 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), National Aircraft Certification Branch, Transport Canada, Ottawa, telephone 613 952-4357.

Number: CF-2012-14R1

Subject: Crosstubes – Life Limitation

Effective: 22 May 2012

Revision: Supersedes Airworthiness Directive CF-2012-14

Applicability: Dart Aerospace Ltd. high gear aft crosstube part number D412-664-203 approved under Transport Canada Supplemental Type Certificate (STC) SH01-9 and installed on Bell Helicopter Textron Inc. (BHTI) helicopter models 412, 412EP or 412CF.

Note: The above crosstubes are also known to be approved under Federal Aviation Administration (FAA) STC SR01298NY and European Aviation Safety Agency (EASA) STC IM.R.S.01304.

Compliance: Within 30 days from the effective date of this AD, unless already accomplished.

Background: Five failures of the Dart Aerospace high gear aft crosstube have been reported. These failures could lead to an unsafe condition during landing.

Based on in-service reports, it has been determined that Dart Aerospace Limited's high gear aft crosstube part number (P/N) D412-664-203 requires a life limitation of 10 000 landings.

This revision was issued to clarify the applicability section of the original issue of this AD.

Corrective Actions: **Airworthiness Limitation Amendment**

Amend "Chapter 4 – Airworthiness Limitation" of the Instructions for Continued Airworthiness (ICA) ICA-D212-664 by inserting Revision 8 dated 20 October 2011. This Revision introduces a life limit of 10 000 landings for crosstube P/N D412-664-203. Remove from service the affected crosstubes with more than 10 000 landings.

Authorization: For the Minister of Transport, Infrastructure and Communities

ORIGINAL SIGNED BY

Derek Ferguson
Chief, Continuing Airworthiness

Contact: Bogdan Gajewski, Continuing Airworthiness, Ottawa, telephone 613-952-4357, facsimile 613-996-9178 or e-mail ADs@tc.gc.ca or any Transport Canada Centre.

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 www.tc.gc.ca/civilaviation/communications/centre/address.asp