

Airworthiness Directive Schedule

Helicopters

Bell 427 Series

28 June 2018

- Notes:**
1. This AD schedule is applicable to Bell 427 helicopters manufactured by Bell Helicopter Textron Canada (BHTC) under Transport Canada Type Certificate No. H-103.
 2. Transport Canada (TC) is the National Airworthiness Authority (NAA) responsible for the issue of State of Design Airworthiness Directives (ADs) for these helicopters. State of Design ADs can be obtained directly from the TC web site at <http://wwwapps3.tc.gc.ca/Saf-Sec-Sur/2/cawis-swimn/awd-lv-cs1401.asp?rand>
 3. The date above indicates the amendment date of this schedule.
 4. New or amended ADs are shown with an asterisk *
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From 1 October 2012 the Civil Aviation Authority of New Zealand (CAA) will no longer rewrite the text of State of Design ADs. Applicable State of Design ADs will be listed below and can be obtained directly from the National Airworthiness Authority (NAA) web site. The link to the NAA web site is available on the CAA web site at http://www.caa.govt.nz/airworthiness-directives/states-of-design/ If additional NZ ADs need to be issued when an unsafe condition is found to exist in an aircraft or aeronautical product in NZ they will be added to the list below.		
CF-2002-03R3	KAflex Shaft – Replacement	5
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DCA/BELL427/1A AD Compliance at Initial Airworthiness Certificate Issue

Applicability: Model Bell 427 aircraft, all S/N

Note: DCA/BELL427/1A revised to cancel CF-2002-03R2 which is superseded by CF-2002-03R3. TC AD CF-2011-17 is superseded by DCA/BELL427/2 (TC AD CF-2011-17R1 refers).

Requirement: Compliance with the following Transport Canada (TC) Airworthiness Directives (as applicable) is required:

Transport Canada AD No:	Bell Helicopter Textron Canada (BHTC) Service Information:	Subject:	AD Requirement:
CF-2002-11	ASB 427-01-02 dated 20 August 2001	Hydraulic Solenoid Tee Fitting	Tee fitting and tube replacement
* CF-2002-03R2	Cancelled – TC AD CF-2002-03R3 refers		
CF-2001-05R1	ASB 427-01-07 dated 16 November 2001	Main Rotor to Horizontal Stabiliser Endplate Clearance	Auxiliary Fin Mod and AFM Amendment
CF-2002-24	ASB 427-01-06 dated 5 November 2001	In-line Electrical Terminal Junctions	Replace M81714/65 series in-line electrical terminal junctions
CF-2002-45	ASB 427-02-08 dated 7 June 2002	Cyclic Centering Switch Relocation	Replace proximity switch bracket installation
CF-2003-11	ASB 427-03-09 dated 22 January 2003	TR Gearbox Case Oil Feed Gallery	Oil feed gallery mod (spare TR gearbox cases included)
CF-2007-14	ASB 427-07-17 dated 28 March 2007	Disc Assemblies – Tail Rotor Driveshaft (Thomas Couplings)	Rework affected disc assemblies (spare disc assemblies included)
CF-2009-04	ASB 427-08-22 dated 26 June 2008	Hydraulic Pump – Driveshaft Assembly	Conformity inspection (spare driveshaft assemblies included)
CF-2009-14	ASB 427-09-24 revision A dated 30 March 2009	Anti-drive Link Assembly – Incorrect Installation of Bearing	Inspection and rework
CF-2009-32	ASB 427-09-25 dated 7 April 2009	Bearings in Flight Controls	Inspection and rework
CF-2009-10R1	ASB 427-09-23 dated 10 March 2009	Cyclic Control Lever Assembly Installation	Inspection and rework
CF-2007-22R1	ASB 427-06-15 revision A dated 18 December 2009	Vertical Fin	Inspection and modification

CF-2010-17	ASB 427-09-29 revision A dated 17 November 2009	TR Driveshaft Hanger Bearing Bracket – cracks due to tooling mark	Inspection and rework
CF-2010-32	ASB 427-10-31 dated 1 March 2010	Over-torque of Tailboom Attach Hardware	Inspection and rework
CF-2007-21R1	ASB 427-07-18 revision B dated 29 November 2010	Tail Rotor Blades	Inspection and replacement
* CF-2011-17	Cancelled – DCA/BELL427/2 (TC AD CF-2011-17R1 refers)		

Note 1: Each part of this AD (each individual Transport Canada AD) shall be certified in the aircraft log book separately.

Note 2: Manufacturer service information at later Transport Canada approved revisions is acceptable to comply with the requirements of this AD.

Compliance: Before issue of a New Zealand Certificate of Airworthiness, or at the next ARA inspection after the effective date of this AD whichever is the sooner, unless previously accomplished.

Effective Date: DCA/BELL427/1 - 25 August 2011
DCA/BELL427/1A - 31 October 2013

DCA/BELL427/2 Hydraulic Servo Actuators – Inspection and Replacement

Applicability: Model 427 aircraft, S/N 56001 through to 56077, 58001 and 58002 fitted with servo actuators P/N 206-076-062-109 or P/N 206-076-062-111.

Requirement: To prevent hydraulic servo actuator failure, accomplish the following:

1. Inspect the hydraulic servo actuators and accomplish the applicable corrective actions per the instructions in BHT ASB 427-11-35 revision B, dated 22 August 2011 or later revisions approved by Transport Canada.
2. For actuators in compliance with requirement 1 of this AD, re-identify the actuator data plate by adding the letter "V" at the end of the P/N per the instructions in ASB 427-11-35.
3. Servo actuators with a P/N listed in the applicability section of this AD shall not be installed on any Bell 427 helicopter unless the actuator complies with the requirements of this AD and is re-identified with the letter "V" after the P/N.

(Transport Canada AD CF-2011-17R1 refers)

Compliance:

1. Before further flight.
2. Within the next 100 hours TIS.
3. From 28 December 2011.

Effective Date: 28 December 2011

DCA/BELL427/3 Emergency Float Kit – Inspection and Modification

Applicability: Model 427 aircraft fitted with Apical emergency float kit P/N 634.2901, S/N all through to 012 (embodied under FAA STC SR01813LA).

Requirement: To prevent an unsafe condition accomplish the inspections and corrective actions specified in FAA AD 2011-25-01.

Note: A copy of FAA AD 2011-25-01 can be obtained from
http://rgl.faa.gov/Regulatory_and_Guidance_Library/rgAD.nsf/MainFrame?OpenFrameSet

(FAA AD 2011-25-01 refers)

Compliance: By 26 July 2012

Effective Date: 26 January 2012

From 1 October 2012 the Civil Aviation Authority of New Zealand (CAA) will no longer rewrite the text of State of Design ADs. Applicable State of Design ADs will be listed below and can be obtained directly from the National Airworthiness Authority (NAA) web site. The link to the NAA web site is available on the CAA web site at

<http://www.caa.govt.nz/airworthiness-directives/states-of-design/>

If additional NZ ADs need to be issued when an unsafe condition is found to exist in an aircraft or aeronautical product in NZ they will be added to the list below.

CF-2002-03R3 KAflex Shaft – Replacement

Effective Date: 10 October 2013

CF-2015-29 Oil Check Valve - Inspection

Effective Date: 21 December 2015

CF-2017-03 Vertical Fin - Inspection

Effective Date: 31 January 2017

*** CF-2018-16 Seat Belt Comfort Clips – Inspection**

Applicability: Bell 427 helicopters, all S/N.

Effective Date: 28 June 2018