

United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SR09536RC-D

*This certificate issued to*

Bell Helicopter Textron, Inc.  
441 Industrial Park Road  
Piney Flats, TN 37686

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 27 of the Federal Aviation Regulations.*

*Original Product -- Type Certificate Number:* R00003RD  
*Make:* Bell Helicopter Textron Canada  
*Model:* 429

*Description of Type Design Change:*

Installation of a Health and Usage Monitoring System (HUMS) in accordance with the Master Drawing List (AA-09033 Revision D, dated October 26, 2010 or later FAA approved revision). Rotorcraft Flight Manual Supplement (Report No. AA-09040 Revision 0, dated November 9, 2010, or later FAA approved revision) is required. Instructions for Continued Airworthiness (Report No. AA-09041 Revision B, dated November 9, 2010, or later FAA accepted revision) is required.

*Limitations and Conditions:*

(See continuation sheet 3 of 3)

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* July 13, 2009

*Date reissued:* February 9, 2011

*Date of issuance:* December 03, 2010

*Date amended:*



*By direction of the Administrator*

\_\_\_\_\_  
(Signature)  
James A. Richmond, Acting Manager  
Rotorcraft Certification Office,  
Southwest Region

\_\_\_\_\_  
(Title)

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**Supplemental Type Certificate**  
(Continuation Sheet)

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*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

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**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* SR09536RC-D

Date of Issuance: December 03, 2010  
Date of Reissuance: February 9, 2011

*Limitations and Conditions* (Continued):

The HUMS kit is installed on a non-required/non-hazardous basis. The utilization of the HUMS kit for maintenance credit is limited to: 1) Main Rotor Track and Balance; 2) Tail Rotor Dynamic Balance; and 3) Frahm Vibration Absorber Tuning. HUMS data may not be used for usage health or condition-based maintenance credits, such as extending Bell Helicopter's published component lives or maintenance/inspection intervals. The installer must determine whether this design change is compatible with previously approved modifications. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

**Certification Basis:**

Subpart C

27.251, 27.301, 27.303, 27.305(a), 27.307(a)[26], 27.337(a)[26], 27.561(b)[32], 27.571(a)(b)[26]

Subpart D

27.601(a), 27.603(b)[16], 27.605(a)[16], 27.609(a), 27.610[37], 27.611(a)(b), 27.613(c)(d)[26], 27.619, 27.625(a)[35], 27.771(a)

Subpart E

27.1141(e)[33]

Subpart F

27.1301, 27.1305(k)[37], 27.1307, 27.1309(a)(b)(d)[21], 27.1322(c)(d)[11], 27.1327[13], 27.1351(a)(b)[13], 27.1357(a)(c)[13], 27.1365[35], 27.1367

Subpart G

27.1501[14], 27.1529[18], 27.1581[14], 27.1585(a)[21]

Appendix A

A27.1, A27.2, A27.3[18], A27.4[24]