

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

**Number SR09373RC**

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 therefore as specified hereon meets the airworthiness requirements of Part 29 of the Federal Aviation Regulations.

**Original Product Type Certificate Number:** H4SW  
**Make:** Bell Helicopter Textron  
**Model:** 412, 412EP

**Description of Type Design Change:**

Installation of a Bell Helicopter Vibration Monitor (BHVM) System in accordance with the Master Drawing List AA-04066 Revision AB, dated August 12, 2013, or later FAA approved revision. Rotorcraft Flight Manual Supplement AA-04118 Revision A, dated December 3, 2013, or later FAA approved revision, is required. Instructions for Continued Airworthiness AA-04049 Revision I, dated August 7, 2013, or later FAA accepted revision, is required.

**Limitations and Conditions:**

Installation of 412EPI BHVM Kit as defined by drawing 412-360 requires installation of Bell BasiX-Pro® Glass Cockpit and Pratt & Whitney Canada PT6T-9 Twin Power Section Turboshaft Engines and associated systems in accordance with STC No. SR09600RC.

-See Continuation Sheet-

**Date of application:** February 16, 2004

**Date reissued:** June 29, 2005; February 01, 2011

**Date of issuance:** June 22, 2005

**Date amended:** December 06, 2013



**By direction of the Administrator**

*Sandra A. Shelley*

(Signature)

*Sandra A. Shelley*  
Sandra A. Shelley, ODA Lead administrator  
BHTI ODA-710621-SW

(Title)

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(Continuation Sheet)

**Limitations and Conditions – Continued:**

The 412EPI BHVM Kit is installed on a non-required/non-hazardous basis. Utilization of the 412EPI BHVM Kit for maintenance credit is limited to: 1) Main Rotor Track and Balance; 2) Tail Rotor Dynamic Balance; 3) Main Driveshaft Balance and; 4) Frahm Vibration Absorber Tuning. BHVM 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 shall give the other person written evidence of that permission.

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.

**Certification Basis:**

For BHVM Kits not installed in conjunction with STC No. SR09600RC the certification basis is the same as that specified in Type Certificate Data Sheet No. H4SW.

For 412EPI BHVM Kit as defined by drawing 412-360 and installed in conjunction with STC No. SR09600RC, the certification basis is as follows.

29.251, 29.301, 29.303, 29.305(a), 29.307(a), 29.341, 29.561(b)(3), 29.601(a), 29.603(b), 29.605,  
29.609(a), 29.611(a)(b), 29.619, 29.625(a), 29.1301 at Amdt 29-0

29.773(a)(2) at Amdt 29-3

29.1322(c)(d) at Amdt 29-12

29.1353(a), 29.1501, 29.1581 at Amdt 29-15

29.1529, Appendix A at Amdt 29-20

29.771(a), 29.1357(a)(c), 29.1585(a) at Amdt 29-24

29.337(a), 29.613(c)(d) at Amdt 29-30

29.1309(a)(b)(d)(g)(h) at Amdt 29-40

29.1351(a)(1), 29.1359(a)(b) at Amdt 29-42

29.1317(a)(b)(c) at Amdt 29-49

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