

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

Number **SR09535RC-D**

This certificate, issued to

**BLR Aerospace, LLC
3102 100th Street SW
Everett, WA 98204**

*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 * of the * Regulations.*

Original Product—Type Certificate Number: * See attached Federal Aviation Administration (FAA)
Make: Approved Model List (AML) SR09535RC-D for approved
Model: aircraft models and applicable airworthiness regulations

Description of the Type Design Change: Installation of a Dual Tailboom Strakes and FastFin System in accordance with the applicable installation manual as listed on AML SR09535RC-D. Instructions for Continued Airworthiness, Report No. BLR-412FF-950, Revision C, dated April 21, 2015, or later FAA-accepted revision, is required. Rotorcraft modified must be operated in accordance with an FAA-approved copy of the Rotorcraft Flight Manual Supplements (RFMS) as listed on AML SR09535RC-D.

Limitations and Conditions: Approval of this change in type design applies to the rotorcraft listed on AML SR09535RC-D only. This approval should not be extended to other rotorcraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the relationship between this change and other previously approved modifications will introduce no adverse effect upon the airworthiness of that rotorcraft. A copy of this certificate, AML SR09535RC-D, and the applicable rotorcraft flight manual supplement and installation manuals as listed on AML SR09535RC-D must be maintained as part of the permanent records for the modified rotorcraft.

(See Continuation Sheet Page 3 of 4 Pages)

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: February 2, 2010

Date reissued: January 20, 2011

Date of issuance: May 27, 2010

Date amended: 11/4/10; 8/29/13; 9/2/15



By direction of the Administrator

(Signature)

Manager, Seattle Aircraft Certification Office

(Title)

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

This certificate may be transferred in accordance with FAR 21.47.

Supplemental Type Certificate

(Continuation Sheet)

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BLR Aerospace, LLC

Issued: May 27, 2010

Reissued: January 20, 2011

Amended: 11/4/10; 8/29/13; 9/2/15

Limitations and Conditions continued:

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.

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.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

Certification Basis:

Based on 14 CFR Part 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for Bell Models 412EP, 412CF, and 412 helicopters for Dual Tail Boom Strake (DTBS) and Fast Fins System (FFS) installation is as follows:

- a. The type certification basis for Bell Models 412EP, 412CF, and 412 helicopters is shown on TCDS H4SW for parts not changed or not affected by the change.
- b. The type certification basis for Agusta S.p.A Models AB412 and AB412EP helicopters is shown on TCDS H79EU for parts not changed or not affected by the change.
- c. The certification basis for parts changed or affected by change since the reference date of application, February 02, 2010, is based on 14 CFR Part 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48.
The certification basis for this modification was determined to be:

Regulations at the latest amendment:

Subpart D

29.629 Amendment Level 29-40

Appendices

A29.4 Amendment Level 29-27

Regulations at Intermediate amendment:

Subpart C

29.571 Amendment Level 29-20

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Certification Basis continued:

Regulations at the amendment level in TCDS H4SW:

Subpart B

29.21, 29.25, 29.27(c), 29.141, 29.143, 29.171, 29.173, 29.175, 29.241, 29.251

Subpart C

29.301, 29.303, 29.305, 29.307

Subpart D

29.601, 29.603, 29.605, 29.609, 29.613, 29.619, 29.625, 29.672(c)

Subpart G

29.1529, 29.1581, 29.1585(a), 29.1587(b)(2)(4)

Appendices

829.1, 829.3, 829.4, 829.5, 829.6, B29.7

- END -

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