



## SUPPLEMENTAL TYPE CERTIFICATE

**10047909**

This Supplemental Type Certificate is issued by EASA, acting in accordance with Regulation (EC) No. 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation and in accordance with Commission Regulation (EU) No. 748/2012 to

### **ALPINE AEROTECH LP**

**1260 INDUSTRIAL ROAD  
WEST KELOWNA BC V1Z 1G5  
CANADA**

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and environmental protection requirements when operated within the conditions and limitations specified below:

**Original Type Certificate Number : FAA H4SW**  
**Type Certificate Holder : BELL HELICOPTER TEXTRON INC.**  
**Type Design - Model : 212, 412, 412EP**  
**Original STC Number : TCCA STC SH01-32, ISSUE 1**

#### **Description of Design Change:**

Installation of Alpine Aerotech Ltd. Exhaust Duct Assembly

#### **EASA Certification Basis:**

The Certification Basis (CB) for the original product remains applicable to this certificate/ approval. The requirements for environmental protection and the associated certified noise and/ or emissions levels of the original product are unchanged and remain applicable to this certificate/ approval.


#### **Associated Technical Documentation:**

-Master Drawing List 191M-99-004-MDL, Rev. NI, dated 14 January 1999  
-Maintenance Manual Supplement 191M-99-004-MMS, Rev. NC, dated 11 February 2000  
-Installation Instructions 191M-99-004-II, Rev. NC, dated 11 February 2000  
or later revisions of the above listed documents approved by EASA in accordance with the Technical Implementation Procedures of EU/Canada Bilateral Agreement.

See Continuation Sheet(s)

**For the European Aviation Safety Agency,**

**Date of issue: 10 February 2014**

  
**Massimo MAZZOLETTI**  
**Certification Manager**  
**Rotorcraft, Balloons, Airships**

#### **Note:**

The following numbers are listed on the certificate:  
EASA current Project Number. 0010027667-001

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**Limitations/Conditions:**

This approval is limited to Bell helicopter models 212, 412, and 412EP (the model 412CF being not currently EASA certified).

Prior to installation of this design change it must be determined that the interrelationship between this design change and any other previously installed design change and/ or repair will introduce no adverse effect upon the airworthiness of the product.

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Note:  
The following numbers are listed on the certificate:  
EASA current Project Number: 0010027667-001

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