



European Aviation Safety Agency

SUPPLEMENTAL TYPE CERTIFICATE

10042804

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 (EC) No. 1702/2003 to

AERO DYNAMIX, INC.

**3227 W. EULESS BLVD. SUITE 100
EULESS TX 76040
USA**

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 Product TC Number : EASA.IM.R.506

TC Holder : BELL HELICOPTER TEXTRON CANADA

Model : 429

Original STC Number : FAA STC SR09566RC

Description of Design Change:

Installation of Night Vision Imaging System (NVIS) / Night Vision Goggle (NVG) compatible lighting system.

EASA Certification Basis:

The Certification Basis for the original product remains applicable to this certificate/ approval.

The requirements for environmental protection and the associated certificated noise and/ or emissions' levels of the original product are unchanged and remain applicable to this certificate/ approval.

See Continuation Sheet(s)

For the European Aviation Safety Agency,

Date of issue: 19 December 2012


Alain LEROY
Head of Products Department

Note:

The following numbers are listed on the certificate:
EASA current Project Number: 0010018047-001



Associated Technical Documentation:

- Master Drawing List (MDL), Aero Dynamix, Inc. drawing number MDL 5600-01 revision J, dated 12 November 2012;
- Rotorcraft Flight Manual Supplement (RFMS), document number RFMS 429-02, revision IR, dated 13 June 2012;
or later revisions of the above listed documents approved by EASA in accordance with EASA ED Decision 2004/04/CF (or subsequent revisions of this decision).
- Rotorcraft Flight Manual Supplement Appendix (RFMSA), document number RFMSA 429-02-EASA-06 revision IR, dated 8 November 2012;
or later revisions of the above listed documents approved by EASA.
- Instructions for Continued Airworthiness (ICA), Aero Dynamix, Inc. document number ICA 429-01 Revision J, dated 13 November 2012;
or later accepted revisions of the above listed documents.
- NVIS post type validation agreements as defined in document Certification Review Item (CRI) F-01 Issue 1 dated 12 December 2012.

Limitations:

Refer to applicable Rotorcraft Flight Manual Supplement (RFMS) for list of equipment mandatory for Night Vision Imaging System (NVIS) certification.

Conditions:

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

-Installation of NVIS/NVG compatible lighting does not include or imply approval for flight operations with Night Vision Goggles (NVG). The operator must receive approval for the Civil Aviation operational authority to operate with NVG.

-The first installation of this kit must be supervised by the STC holder.

-Rotorcraft modified by this STC employ Night Vision Imaging System (NVIS) compatible lighting, commonly named NVIS lighting, that has been certified to ensure the aircraft is compatible with Night Vision Goggles (NVG). For this reason, modifications that add or change systems that emit or reflect light have the potential to alter or change the NVG compatibility of the NVIS lighting and therefore require an engineering evaluation in accordance with the Instructions for Continued Airworthiness (Aero Dynamix, Inc. document number ICA ICA 429-01) to assess the effect of the change on NVG compatibility.

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