



SUPPLEMENTAL TYPE CERTIFICATE

10028376

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, TEXAS 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: FAA TC H19NM
TC Holder: MD HELICOPTERS
Model: MD900
Original STC Number: FAA STC SR09480RC

EASA Certification Basis:

JAR27 1st amendment

The certificated noise and/ or emissions levels of the original product are unchanged and remain applicable to this certificate/ approval

Description of Design Change:

Installation of Night Image Vision System (NVIS) / Night Vision Goggles (NVG) Cockpit lighting.
Validation of FAA STC SR09480RC.

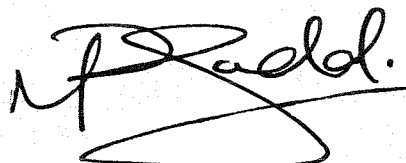
Associated Technical Documentation:

- Aero Dynamix, Inc. Master drawing list MDL 1775-01, Revision M, dated 21 September 2009, or later approved revisions (*)
- Aero Dynamix, Inc. Instructions for continued airworthiness (ICA), document No. ICA MD900-01, Revision N, dated 22 December 2009, or later accepted revisions (*)
- Rotorcraft Flight Manual Supplement (RFMS) document RFMS-MD900-01-EASA revision --, dated 10 December 2009, or later EASA approved revisions

See Continuation Sheet(s)

For the European Aviation Safety Agency,

Date of issue: 23.12.2009

P.P. 

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

Note:

The following numbers are listed on the certificate:

EASA current Project Number: 0060006209-001

EASA old Project Number: P-EASA.IM.R.S.01543

SUPPLEMENTAL TYPE CERTIFICATE - 10028376 - AERO DYNAMIX, INC.



-NVIS post type validation agreements as defined in document Certification Review Item (CRI) F-01 Issue 1 dated 17 December 2009

(*) of the above listed documents approved by EASA in accordance with EASA ED Decision 2004/04/CF (or subsequent revisions of this decision)

Limitations:

Refer to applicable RFMS for list of equipment mandatory for Night Vision Image System 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 Cockpit 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 performed by the STC holder and cannot be delegated to third parties

This rotorcraft employs Night Vision Imaging System 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 NVIS lighting-NVG compatibility require an engineering evaluation to assess the effect of the change on NVG compatibility

This Certificate shall remain valid unless otherwise surrendered or revoked.

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