

REPUBLIC OF INDONESIA  
MINISTRY OF TRANSPORTATION  
DIRECTORATE GENERAL OF CIVIL AVIATION

*Supplemental Type Certificate  
Validation*

Number: SR 021

*This certificate issued to:* **EAGLE COPTERS MAINTENANCE LTD.**  
**823 McTavish Road, N.E.**  
**Calgary, Alberta**  
**Canada T2E 7G9**

*Certifies that the changes in the type design for the following products with the limitations and conditions therefore as specified hereon provide an equivalent level of safety to Part 27 of the Civil Aviation Safety Regulations upon validation of the Transport Canada Civil Aviation (TCCA) Supplemental Type Certificate Number SH14-47.*

*Original Product Type Certificate Validation Number* : H002  
*Make* : Bell Helicopter Textron Canada  
*Model* : Bell 407 (Not Eligible for Bell 407GX)

*Description of Type Design Change:*  
Installation of Honeywell HTS900-2-1D Engine.

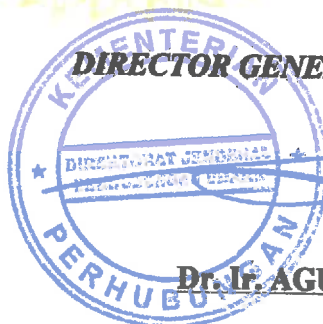
*Limitations and conditions : (see continuation sheet)*

(Continued on Page 2)

*This certificate and the supporting data which is the basis for approval shall remain in the effect until surrendered, suspended, revoked or a termination date is otherwise established by Director General of Civil Aviation.*

**Date of Application**  
December 19, 2016

**Date of Issuance**  
April 17, 2017



**Dr. Ir. AGUS SANTOSO M.Sc**

# ***Supplemental Type Certificate Validation***

***(Continuation Sheet)***

**Number: SR 021**

***Limitations and conditions :***

1. Installation in accordance with Transport Canada (TCCA) approved Eagle Copters Ltd. Installation Instructions IIN-E407-789, Revision B, dated 2014 October 8, or later TCCA approved revision.
2. Operation in accordance with TCCA approved Eagle Copters Ltd. Rotorcraft Flight Manual Supplement (RFMS) FMS-E407-789-1, Revision 0, dated 2014 November 10, or later TCCA approved revision.
3. Maintain in accordance with TCCA approved Eagle Copters Ltd. Instructions for Continued Airworthiness (ICA) ICA-E407-789, Revision 0, dated 2014 August 29, or later TCCA accepted revision.

Note: ICA contains TCCA approved Limitation section.

Conditions: This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated will not adversely affect the airworthiness of the modified product.

***Certification Basis :***

Pursuant to CASR 21.29 type certification of import product, DGCA-Indonesia validated this modification. The certification basis of the STC is Per Bell 407 Basis Certification as listed in TCDS H002.

In addition, an Equivalent Level of Safety was found for FAR 27.917 (27-11), 27.923 (27-29), 27.927 (27-23), and 27.571 (27-26) for the freewheeling unit as part of the HTS900 engine.

In addition, compliance was demonstrated for FAR 27.1195 at amendment 27-5.

***Notes :***

1. Bell Kit 407-706-020 (5250 lb internal gross weight) is a pre-requisite for this STC.
2. Honeywell Service Bulletin (SB) HTS900-73-10-0002 is a pre-requisite for this STC.  
Engines with data plate marked PNO/PNR 4-007-000-05 have the design change associated with Service Bulletin HTS900-73-10-0002 incorporated at the time of production.

***Eligible Serial Numbers :***

53000 - 53138  
53140 - 53279  
53281 - 53470  
53472 - 53900  
53911 - 54299