



Department of Transport

# Supplemental Type Certificate

**This approval is issued to:**

Eagle Copters Maintenance Ltd.  
823 McTavish Road, N.E.  
Calgary, Alberta  
Canada T2E 7G9

**Number:** SH14-47

**Issue No.:** 1

**Approval Date:** December 9, 2014

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**Responsible Office:**

Prairie and Northern

**Aircraft/Engine Type or Model:**

Bell 407 (Not Eligible for Bell 407GX)  
\*see Eligible Serial Numbers

**Canadian Type Certificate or Equivalent:**

H-92 (FAA H2SW)

**Description of Type Design Change:**

Installation of Honeywell HTS900-2-1D Engine.

**Installation/Operating Data,  
Required Equipment and Limitations:**

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.

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.

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 Limitations 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.



D.S. Austen  
For Minister of Transport



*(Continuation Sheet)*

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NOTE: THIS ADDENDUM SHALL REMAIN PART OF THE CERTIFICATE REFERRED TO THEREIN.

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Basis of Certification:

Per Bell 407 Basis of Certification as listed in TCDS H-92 (FAA H1SW).

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 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.
- 3 S/N 53197, without Honeywell Service Bulletin HTS900-73-10-0002, is an approved configuration until 2015 March 31<sup>st</sup> only.

Eligible Serial Numbers:

53000 - 53138

53140 - 53279

53281 - 53470

53472 - 53900

53911 - 54299

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