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
Issue Date: December 9, 2014

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
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 31st only.

Eligible Serial Numbers:
53000 - 53138
53140 - 53279
53281 - 53470
53472 - 53900
53911 - 54299

— End —