

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SR00183BO

This Certificate issued to BAE SYSTEMS Information and Electronic Systems Integration Inc.
65 Spit Brook Road
Nashua, NH 03061

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 27 of the Federal Aviation Regulations.

Original Product Type Certificate Number : H2SW
Make : Bell Helicopter Textron
Model : 407

Description of Type Design Change:

Installation of a BAE Systems Bifurcation Exhaust Suppressor, Drawing Number DE6947, Revision H, in accordance with BAE Master Document List 94117-8463088, Revision -, dated January 26, 2011, or later FAA approved revision.

Limitations and Conditions:

1. Operation must be in accordance with Pro Star Aviation Rotorcraft Flight Manual Supplement (RFMS) A245-023, dated November 19, 2003, or later FAA approved revision.

The RFMS must be carried in the aircraft during all flights.

(Limitations and Conditions continued on Page 3 of 3)

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

Date of application: April 23, 2003

Date reissued: March 2, 2004, March 22, 2012

Date of issuance: November 19, 2003

Date amended: September 7, 2010; February 10, 2011;
February 16, 2011



By direction of the Administrator

(Signature)

William Witzig
Manager
Boston Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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Supplemental Type Certificate

(Continuation Sheet)

Number SR00183BO

Effective March 22, 2012

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of the Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

to (*Name of transferee*) _____

(*Address of transferee*) _____

(*Number and street*)

(*City, State, and ZIP code*)

from (*Name of grantor*) (*Print or type*) _____

(*Address of grantor*) _____

(*Number & street*)

(*City, State, and ZIP code*)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor (*In ink*): _____

United States Of America
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Supplemental Type Certificate

(Continuation Sheet)

Number SR00183BO

Effective March 22, 2012

Limitations and Conditions: (continued from Page 1 of 3)

2. Maintenance must be in accordance with Instructions for Continued Airworthiness (ICA) Document Number A245-022, Revision 2, dated August 2010, or later FAA accepted revision.
The ICA must be made available to the operator at the time of installation.
3. Compatibility of this design with previously approved modifications must be determined by the installer.

Certification Basis:

Based on 14 CFR § 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Bell Helicopter Textron 407 rotorcraft with BAE Systems Bifurcation Exhaust Suppressor installed is as follows (the change is determined to be **not significant**):

- a. The type certification basis for Bell Helicopter Textron 407 rotorcraft is shown on TCDS H2SW for parts **not changed or not affected** by the change.
- b. The certification for parts **changed or affected** by the change, as of the April 23, 2003 application date, is based upon part 27 as amended by Amendment 27-45 with:

14 CFR Regulations at the latest amendment level 27-0 through 27-45

27.301, 27.303, 27.305(a)(b)(1)(2), 27.307(a), 27.321(a), 27.337(a), 27.561(b)(3), 27.603(a)(b)(c), 27.605(a)(b), 27.609(a)(b), 27.611(a), 27.613(a)(b)(1)(2)(c)(d), 27.623, 27.625

14 CFR Regulations at an intermediate amendment level (amendment level between TCDS H2SW and the latest amendment level 27-0 through 27-45)

None

14 CFR Regulations at the amendment level in TCDS H2SW

None

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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