

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

Number SR02496LA

This Certificate issued to Rotorcraft Support Inc.
16425 Hart Street
Van Nuys, CA 91406

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. *Certification basis set forth on continuation sheet 3.*

Original Product Type Certificate Number: R00001RC

Make Bell Helicopter Textron Canada Limited

Model 427

Description of Type Design Change: Installation of a single Garmin G500H system, in accordance with FAA approved Rotorcraft Support Master Drawing List, Bell 427 G500H Upgrade, No. 22-56079-12212-00, Rev. C, dated 3-27-2014, or later FAA approved revision. The FAA approved Rotorcraft Flight Manual Supplement document number 22-56079-12212-AFMS dated April 9, 2014 is required and part of the installation.

Limitations and Conditions: This installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the rotorcraft. The approval of this modification applies to the above noted rotorcraft models only. A copy of this STC must be included in the permanent record of the modified aircraft. 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.

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: September 18, 2012

Date reissued:

Date of issuance: April 18, 2014

Date amended:



By direction of the Administrator

(Signature)
Manager, Systems & Equipment Branch
Los Angeles 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.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this 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 and street)

(City, State, and ZIP Code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____

Supplemental Type Certificate

(Continuation Sheet)

Number SR02496LA

Certification Basis

Based on 14 CFR §§ 21.115 and §§ 21.101, and FAA order 8110.48, the type certification basis for the Bell Helicopter Textron Canada Limited Model 427 rotorcraft is as shown on TCDS R00001RC for parts changed or affected by the change. Based on 14 CFR part 27 §§ 21.115 and §§ 21.101, for non-significant change to type design, the certification basis elected by the STC holder for the installation of Garmin G500H system on the Bell Helicopter Textron Canada Limited Model 427 Rotorcraft is as follows:

- a. The type certification basis for the Bell Helicopter Textron Canada Limited model 427 rotorcraft is shown on TCDS R00001RC for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by this change since the reference date of application, September 18, 2012, is based upon part 27 as amended by Amendment 27-47. Based on 14 CFR §§ 21.115 and 21.101, the certification basis for this modification was elected to be:

Regulations at the latest amendment 27-0 through 27-47

27.561(a)(b)(d), 27.853(a), 27.1309(a)(b)(c), 27.1316(a), 27.1317(b), 27.1365(a)(b)(c)

Regulations at the amendment level in TCDS

27.29(a)(b), 27.301(a)(b)(c), 27.303, 27.305(a)(b), 27.601(a)(b), 27.603(a)(b)(c), 27.607(a)(b), 27.613(a)(b)(c), 27.773(a)(b), 27.777(a)(b), 27.1301(a)(b)(c)(d), 27.1303(a)(b)(c), 27.1321(a)(b), 27.1323(a)(b)(c), 27.1325(a)(b)(c)(d), 27.1351(a)(b), 27.1357(a)(b)(c)(d), 27.1381(a)(b), 27.1519, 27.1529, 27.1581 (a)(b)(d)

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