



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: SR01065DE

This certificate issued to: Dillon Aero
8009 East Dillon's Way
Scottsdale, AZ 85260

Certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of 27 of Title 14 Code of Federal Regulations.

Original Product **H2SW**
Type Certificate Number:

Make: Bell Helicopter Textron Canada Limited

Model: **407**

Description of Type Design Change:

Installation of Internal and External Mounting Provisions System in accordance with Doc No. DAED0196, Master Drawing List, Bell Textron Canada Limited 407 Mission Configurable Aircraft System (MCAS), Revision IR dated 6/7/2022, FAA approved 8/19/2022 or later FAA approved revisions. Instructions for Continued Airworthiness, Doc. No. DAED0197, Rev. IR, dated 6/18/2022, FAA accepted 8/18/2022, or later FAA accepted revision is required to be made available at installation.

Continued Page 3 of 3

Limitations and Conditions:

1. This STC is applicable to all serial numbers for this Bell Helicopter Textron Canada Limited 407.

Continued 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 28, 2020** Date Reissued:

Date of Issuance: **August 19, 2022** Date Amended:

By Direction of the Administrator

Signature:

Kreg R. Voorhies, ODA Lead administrator
Cert Works, LLC ODA

Title: ODA No. ODA(AIR)-833887-NM

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification 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 and address of transferee):

From (Name and address of grantor):

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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Supplemental Type Certificate

(Continuation Sheet)

Number: SR01065DE

Description Continued:

FAA Approved Flight Manual Supplement, Doc. No. DAED0198, Rev 1 dated 7/15/2022, FAA approved 8/18/2022 or later FAA approved revision, is required for this installation.

Limitations and Conditions Continued:

2. The installer must determine whether this design change is compatible with previously approved modifications.
3. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.
4. This approval is limited to only the installation of equipment provisions. The FAA has not certified the equipment for which these provisions are intended. You must get additional FAA approval to install this equipment. The FAA must evaluate the installation to ensure it complies with the applicable airworthiness standards.

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 Internal and External Mounting Provisions System on Bell Helicopter Textron Canada Limited 407 is as follows:

- a. The type certification basis for Bell Helicopter Textron Canada Limited 407 is shown on TCDS H2SW for parts not changed or not affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of application, 4/28/2022, is based upon 14 CFR Part 27, effective February 1, 1965 plus Amendments 27-1 through 27-30. 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 this modification was determined to be:

Regulations at latest amendment; None

Regulations at an intermediate amendment; None

Regulations at the amendment level in TCDS H2SW;

14 CFR Sections: 27.25(a,b) Amdt. 27-14; 27.27 Amdt. 27-2; 27.29 Amdt. 27-14; 27.51 Amdt. 27-44; 27.65(b) Amdt. 27-14; 27.71 Amdt. 27-44; 27.75(a)(1)(2)(i) Amdt. 27-44; 27.141 Amdt. 27-21; 27.143 (a-e) Amdt. 27-44; 27.171 Amdt. - ; 27.173 Amdt. 27-44; 27.175 Amdt. 27-44; 27.177 Amdt. 27-44; 27.251 Amdt. - ; 27.301 Amdt. - ; 27.303 Amdt. - ; 27.305(a) Amdt. - ; 27.305(b) Amdt. - ; 27.307(a),(b)(6) Amdt. 27-26; 27.337(a) Amdt. 27-26; 27.341 Amdt. - ; 27.561(a),(b)(3)(c) Amdt. - ; 27.601(a),(b) Amdt. - ; 27.603 Amdt. 27-16; 27.605(a),(b) Amdt. 27-16; 27.607 Amdt. 27-4; 27.609(a) Amdt. - ; 27.610 Amdt. 27-21; 27.611 Amdt. - ; 27.613 Amdt. 27-26; 27.619(b)(1) Amdt. - ; 27.625(a) Amdt. - ; 27.723 Amdt. - ; 27.725(a) Amdt. - ; 27.727 Amdt. 27-26; 27.783 Amdt. 27-26; 27.785(a,e) Amdt. 27-35; 27.807(a)(1) Amdt. 27-37; 27.853(a) Amdt. 27-17; 27.1501 Amdt. 27-14; 27.1503 Amdt. - ; 27.1505 Amdt. 27-21; 27.1529 Amdt. 27-18; 27.1541 Amdt. - ; 27.1581 Amdt. 27-14; 27.1583(c,e) Amdt. 27-16; 27.1585(a) Amdt. 27-21

Any alteration of this certificate and/or the Type Certificate Data Sheet is punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with Title 14 of the Code of Federal Regulations, part 21, section 21.47 (14 CFR 21.47). A transfer must be endorsed as provided on the reverse hereof. A Type Certificate holder who allows a person to use the Type Certificate to manufacture a new aircraft, aircraft engine, or propeller must provide that person with a written licensing agreement acceptable to the FAA. (Ref. 14 CFR 21.55).
