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Anexos: 0

Remitente: SECRETARIA DE AUTORIDAD AERONAUTICA

Destinatario: MT-PROPELLER ENTWICKLUNG GMBH

MT-Propeller Entwicklung GmbH

Flugplatzstrasse 1

94348 Atting

Germany

Subject: Acceptance of Foreign Supplemental Type Certificate EASA STC 10050861 "Installation of MTV-27-1-()-C-F-R(P)/CFR260-65() Propeller on Beechcraft King Air 300, 300LW, B300, B300C Series with Pratt & Whitney PT6A-60A engines and Maximum Take Off Weight up to 7,938 kg (17,500 lb). Installation of MTV-27-1-()-C-F-R(P)/CFR260-65() Propeller on Beechcraft King Air B300, B300C series with Pratt & Whitney PT6A-67A engines and Maximum Take Off Weight up to 8,000 kg (17,637 lb)." (FAA STC SA03525NY).

- References:**
1. **EASA/60094231** Validation/Acceptance of EASA Supplemental Type Certificate EASA 10050861 R5.
 2. UAEAC Application form RAC-8110-12 (Dated March 3, 2025).
 3. EASA STC 10050861 Installation of MTV-27-1-()-C-F-R(P)/CFR260-65() Propeller on Beechcraft King Air 300, 300LW, B300, B300C Series with Pratt & Whitney PT6A-60A engines and Maximum Take Off Weight up to 7,938 kg (17,500 lb). Installation of MTV-27-1-()-C-F-R(P)/CFR260-65() Propeller on Beechcraft King Air B300, B300C series with Pratt & Whitney PT6A-67A engines and Maximum Take Off Weight up to 8,000 kg (17,637 lb).
 4. FAA STC SA03525NY Installation of the Model MTV-27-1-E-C-F-R(P)/CFR260-65() 5 bladed constant speed, full-feathering, and reversing propellers on Beechcraft King Air 300, 300LW, B300, B300C Series with Pratt & Whitney PT6A-60A engines. Installation of the Model MTV-27-1-N-C-F-R(P)/CFR260-65() 5-bladed constant speed, full feathering, and reversing propellers

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on Beechcraft King Air B300, B300C Series with Pratt & Whitney PT6A-67A engines and a Maximum Take off of Weight up to 17,637 lbs.

5. E-3736 Certification Programme EASA Project #60075570 Installation of MT PROPELLER MTV-27-1-N-C-F-R(P)/CFR260-65() on Textron Aviation Inc Model B300/B300C Rev. 0 14/12/2020
6. E-2474 Installation and Test Report Propeller: MTV-27-1-()-C-F-R(P)/CFR260-65() Engine: Pratt & Whittney PT6A-60A Aircraft: Beech B300 Rev. 2 14/12/2020.
7. E-2468 Certification and Test Plan EASA Project # 0010028215-001 Installation of MT Propeller MTV-27-1-E-C-F-R(P)/CFR260-65b on Hawker Beechcraft Corporation 300, 300LW, B300 and B300C Rev. 1 06/05/2024
8. E-2469 Supplemental Type Certificate Compliance Check List EASA Project # 0010028215-001 Rev. 2 07/04/2015
9. E-2474 Installation and Test Report Propeller: MTV-27-1-()-C-F-R(P)/CFR260-65() Engine: Pratt & Whittney PT6A-60A Aircraft: Beech B300 Rev. 2 14/12/2020.
10. E-2475-1 Noise Test Report MT Propeller MTV-27-1-E-C-F-R(P)/CFR260-65b on Hawker Beechcraft Corporation 300, 300LW, B300 and B300C Rev. 1 09/10/2014
11. E-2476 Propeller Vibration Test Propeller: MTV-27-1-E-C-F-R(P)/CFR260-65b Engine: Pratt & Whittney PT6A-60A Aircraft: Beech B300 Rev. 0 16/06/2014
12. E-2477 Whirl-Flutter Investigation Propeller: MTV-27-1-E-C-F-R(P)/CFR260-65b Engine: Pratt & Whittney PT6A-60A Aircraft: Beech B300 Rev. 0 13/08/2014
13. E-2564 Revision 1 Propeller Deicer Surface Temperature Tests Propeller: MTV-27-1-E-C-F-R(P)/CFR260-65b Engine: Pratt & Whittney PT6A-60A Aircraft: Beech B300 Rev. 1 08/04/2015.
14. E-3736 Certification Programme EASA Project No. 60075570 Installation Of Propeller MTV-27-1-N-C-F-R(P)/CFR260-65() On Textron Aviation Inc. B300, B300C (Inclusion of B300, B300C with PT6A-67A engines as installed per TCDS EASA.IM.A.277 Issue 16 or FAA A24CE Rev. 123) Rev. 0 14/12/2020

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15. E-3738 Noise Test Report Installation of MT Propeller MTV-27-1-N-C-F-R(P)/CFR260-65() On Textron Aviation Inc B300, B300C with PT6A-67A Engines Rev. 0 14/12/2020
16. E-3782 Major Change Supplemental Type Certificate Compliance Check list EASA Project No. 60076924 Inclusion of B300C Aircraft Models with MTOW of 17,500 lb R1 23/04/2021
17. E-3783 Certification Programme EASA Project # 600769224 Installation of MT Propeller MTV-27-1-N-C-F-R(P)/CFR260-65() On Textron Aviation Inc Model B300, B300C (With PT6A-67A Engines and a MTOW of 17,500 lbs (7,938 kg)) Rev. 1 18/02/2021
18. E-3785 Noise Test Report Installation of MT Propeller MTV-27-1-N-C-F-R(P)/CFR260-65() On Textron Aviation Inc Model B300, B300C with 17500 lbs (7938 kg) Rev. 0 23/03/2021.
19. E-3786 Installation And Test Report MTV-27-1-N-C-F-R(P)/CFR260-65() Textron Aviation Inc. B300, B300C with 17.500lbs (7938kg) Rev.0 23/04/2021
20. E-3898 Major Change Supplemental Type Certificate Compliance Checklist EASA Project 60080614 Rev. 1 16/02/2022 (Inclusion of B300C Aircraft Model with MTOW of 17,367 lb (8,000 kg) into the already existing EASA STC 10050861 R2)
21. E-3899 Certification Programme Installation of MT Propeller MTV-27-1-N-C-F-R(P)/CFR260-65() On Textron Aviation Inc. B300, B300C with 17,367 lb (8,000 kg) Rev. 0 29/10/2021.
22. E-3900 Noise Test Report Installation of MT Propeller MTV-27-1-N-C-F-R(P)/CFR260-65() On Textron Aviation Inc. B300, B300C with 17,367 lb (8,000 kg) Rev. 0 29/10/2021
23. E-4206 Certification Program INSTALLATION OF MT-PROPELLER MTV-27-1-N-C-F-R(P)/CFR260-65() On Textron Aviation Inc.B300, B300C with 17,500 lbs (7,938 kg) Rev. 0 30/08/2023
24. E-4207 Major Change Supplemental Type Certificate Compliance Checklist EASA Project No. 60087995 Rev. 0 08/09/2023 (Inclusion of B300(C) aircraft models with PT6A-60A engines and MTOW of 17,500 lbs (7,938 kg) into the already existing EASA STC 10050861 R4).
25. E-4208 Installation And Test Similarity Report MTV-27-1-E-C-F-R(P)/CFR260-65() Textron Aviation Inc. B300, B300C (PT6A-60A and 17.500 lbs) Rev. 0 06/09/2023

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26. E-4228 Noise Test Report Installation Of Propeller MTV-27-1-N-C-F-R(P)/CFR260-65() ON TEXTRON AVIATION INC. B300, B300C with 17,500 lbs (7,938 kg) Rev. 0 01/09/2023
27. E-4246 Declaration of Compliance of MT Propeller Entwicklung GmbH ON Textron Aviation Inc. 300, 300LW, B300, B300C, Major Change B300, B300C with MTOW 17,500 LB (7,938 kg) Rev. 0 11/09/2023
28. E-2478 Master Documentation List Textron Aviation, Inc. 300, 300LW, B300, B300C with Pratt & Whitney PT6A-60A engines With 5-Blade Reversing and Full Feathering Constant Speed Propeller MTV-27-1-E-C-F-R(P)/CFR260-65() Rev. 5 11/09/2023
29. E-3475 Master Documentation List Textron Aviation, Inc. B300, B300C with Pratt and Whitney PT6A-67A Engines With 5-Blade Reversing and Full Feathering Constant Speed Propeller MTV-27-1-N-C-F-R(P)/CFR260-65() Rev. 6 11/09/2023
30. E-2470 Master Operation Manual List Textron Aviation, Inc. B300, 300LW, B300, B300C with Pratt & Whitney PT6A-60A engines With 5-Blade Reversing and Full Feathering Constant Speed Propeller MTV-27-1-E-C-F-R(P)/CFR260-65() Textron Aviation, Inc. B300, B300C with Pratt & Whitney PT6A-67A engines With 5-Blade Reversing and Full Feathering Constant Speed Propeller MTV-27-1-N-C-F-R(P)/CFR260-65() Rev. 15 19/11/2024
31. E-2471 Airplane Flight Manual Supplement Textron Aviation, Inc. 300, 300LW, B300, B300C with Pratt & Whitney PT6A-60A engines Textron Aviation, Inc. B300, B300C with Pratt & Whitney PT6A-67A engines Equipped With Mt-Propeller Model MTV-27-1-()-C-F-R(P)/CFR260-65() 5-Blade Constant Speed, Full-Feathering, Reversible Propellers Rev. 6 07/08/2023
32. E-2472 Installation Instructions Textron Aviation, Inc. B300, 300LW, B300, B300C with Pratt & Whitney PT6A-60A engines With 5-Blade Reversing and Full Feathering Constant Speed Propeller MTV-27-1-E-C-F-R(P)/CFR260-65() Textron Aviation, Inc. B300, B300C with Pratt & Whitney PT6A-67A engines With 5-Blade Reversing and Full Feathering Constant Speed Propeller MTV-27-1-N-C-F-R(P)/CFR260-65() Rev 12 11/09/2023
33. E-2473 Instructions For Continued Airworthiness Textron Aviation, Inc. B300, 300LW, B300, B300C with Pratt & Whitney PT6A-60A engines With 5-Blade Reversing and Full Feathering Constant Speed Propeller MTV-27-1-E-C-F-R(P)/CFR260-65() Textron Aviation, Inc. B300, B300C with Pratt & Whitney PT6A-

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67A engines With 5-Blade Reversing and Full Feathering
Constant Speed Propeller MTV-27-1-N-C-F-R(P)/CFR260-65()
Rev. 2 13/06/2022

34. E-610 (ATA 61-06-10) Operation and Installation Manual
Reversible Hydraulically Controlled Variable Pitch Propeller
(Constant Speed Propeller) MTV-5-()-R(A),(P), MTV-9-()-
R(A),(P),(W),MTV-14-()-R(A),MTV-16-()-R(A),
(P),(G),(W),MTV-25-()-R(A),MTV-27-()-R(P),(G),(W),
(GE),MTV-37-()-R(P),(G),MTV-47-()-R(P),(G) Rev 48
5/10/2022.
35. E-1083 (ATA 61-00-83) Operation- And Installation Manual
Reversible Hydraulically Controlled Variable Pitch Propeller
(Constant Speed Propeller) for PT6A-67 – Series, MTV-16-1-(
)-R(P),MTV-27-1-()-R(P),MTV-27-1-()-R(P)-J,MTV-27-2-()-
R(P),MTV-47-1-()-R(P),MTV-47-1-()-R(P)-V Rev. 36 5/10/2022

According to your application for the acceptance of EASA Supplemental Type Certificate No. **10050861**, related to the:

Installation of MTV-27-1-()-C-F-R(P)/CFR260-65() Propeller on Beechcraft King Air 300, 300LW, B300, B300C Series with Pratt & Whitney PT6A-60A engines and Maximum Take Off Weight up to 7,938 kg (17,500 lb).

Installation of MTV-27-1-()-C-F-R(P)/CFR260-65() Propeller on Beechcraft King Air B300, B300C series with Pratt & Whitney PT6A-67A engines and Maximum Take Off Weight up to 8,000 kg (17,637 lb).

Considering that **MT-Propeller Entwicklung GmbH** has submitted the associated technical documentation, which was reviewed and evaluated under Colombian Civil Aviation Regulations (RAC 21, § 21.515). The Colombian Civil Aviation Authority (AEROCIVIL) accepts the foreign Supplemental Type Certificate No. **10050861** for major alteration application on Colombian registered aeronautical products, in accordance with airworthiness limitations and conditions stated in the EASA Supplemental Type Certificate.

NOTE: *Is important to inform you that the Colombian Aeronautical Regulations (RAC) requires that the STC to be accepted or validated is the one issued by the state of design that approved the modification, in this case EASA STC 10050861, which is the one being accepted in this process. It is also understood that under the bilateral agreements in place between FAA and EASA the data used to provide compliance should be the same independently of the authority issuing the STC, and as long as the type design certification basis are the same, which is clearly stated under the certification basis of the STC submitted*

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for acceptance. Therefore, AEROCIVIL recognizes the issuance made by the FAA of the **STC SA03525NY**.

As substantiated by **MT-Propeller Entwicklung GmbH** the following is the list of required documents that must accompany each installation on Colombian registered aeronautical products as required by RAC43 § 43.300(b):

1. *STC 10050861 Rev 5 12/01/2024*
2. *E-2478 Master Documentation List Textron Aviation, Inc. 300, 300LW, B300, B300C with Pratt & Whitney PT6A-60A engines With 5-Blade Reversing and Full Feathering Constant Speed Propeller MTV-27-1-E-C-F-R(P)/CFR260-65() Rev. 5 11/09/2023 or later EASA approved revision; or*
3. *E-3475 Master Documentation List Textron Aviation, Inc. B300, B300C with Pratt and Whitney PT6A-67A Engines With 5-Blade Reversing and Full Feathering Constant Speed Propeller MTV-27-1-N-C-F-R(P)/CFR260-65() Rev. 6 13/09/2023, or later EASA approved revision.*
4. *E-2470 Master Operation Manual List Textron Aviation, Inc. B300, 300LW, B300, B300C with Pratt & Whitney PT6A-60A engines With 5-Blade Reversing and Full Feathering Constant Speed Propeller MTV-27-1-E-C-F-R(P)/CFR260-65() Textron Aviation, Inc. B300, B300C with Pratt & Whitney PT6A-67A engines With 5-Blade Reversing and Full Feathering Constant Speed Propeller MTV-27-1-N-C-F-R(P)/CFR260-65() Rev. 15 19/11/2024 or later EASA approved revision.*
5. *E-2471 Airplane Flight Manual Supplement Textron Aviation, Inc. 300, 300LW, B300, B300C with Pratt & Whitney PT6A-60A engines Textron Aviation, Inc. B300, B300C with Pratt & Whitney PT6A-67A engines EQUIPPED WITH MT-PROPELLER MODEL MTV-27-1-()-C-F-R(P)/CFR260-65() 5-Blade Constant Speed, Full-Feathering, Reversible Propellers Rev. 6 07/08/2023 or later EASA approved revision.*
6. *E-2472 Installation Instructions Textron Aviation, Inc. B300, 300LW, B300, B300C with Pratt & Whitney PT6A-60A engines With 5-Blade Reversing and Full Feathering Constant Speed Propeller MTV-27-1-E-C-F-R(P)/CFR260-65() Textron Aviation, Inc. B300, B300C with Pratt & Whitney PT6A-67A engines With 5-Blade Reversing and Full Feathering Constant Speed Propeller MTV-27-1-N-C-F-R(P)/CFR260-65() Rev 12 11/09/2023 or later EASA approved revision.*
7. *E-2473 Instructions For Continued Airworthiness Textron Aviation, Inc. B300, 300LW, B300, B300C with Pratt & Whitney PT6A-60A engines With 5-Blade Reversing and Full Feathering Constant Speed Propeller MTV-27-1-E-C-F-R(P)/CFR260-65() Textron Aviation, Inc. B300, B300C with Pratt & Whitney PT6A-67A engines With 5-Blade Reversing and Full Feathering Constant Speed Propeller MTV-27-1-N-C-F-R(P)/CFR260-65() Rev. 2 13/06/2022 or later EASA approved revision*

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8. *E-610 (ATA 61-06-10) Operation and Installation Manual Reversible Hydraulically Controlled Variable Pitch Propeller (Constant Speed Propeller) MTV-5-()-R(A),(P), MTV-9-()-R(A),(P),(W),MTV-14-()-R(A),MTV-16-()- R(A), (P),(G),(W),MTV-25-()-R(A),MTV-27-()-R(P),(G),(W), (GE),MTV-37-()-R(P),(G),MTV-47-()-R(P),(G) Rev 48 5/10/2022 or later EASA approved revision.*
9. *E-1083 (ATA 61-00-83) Operation- And Installation Manual Reversible Hydraulically Controlled Variable Pitch Propeller (Constant Speed Propeller) for PT6A-67 – Series, MTV-16-1-()-R(P),MTV-27-1-()-R(P),MTV-27-1-()-R(P)-J,MTV-27-2-()-R(P),MTV-47-1-()-R(P),MTV-47-1-()-R(P)-V Rev. 36 5/10/2022*
10. ***A letter of authorization of use of the STC signed by the appropriate person in the STC holder organization identifying A/C tail number and S/N.***

The aeronautical product to be altered must be listed in the Supplemental Type Certificate. The **STC10050861** will be entered in the national index of accepted STCs.

Please bear in mind that this acceptance is issued to the STC and its supporting technical data and does not constitute an approval for the product (or products part of the STC) to be imported, is the responsibility of the installer to comply with the requirements set forth in **RAC 21.1200** for the product (or products) being imported.

In addition, please consider that your company is responsible to keep this STC information (The alterations' published documents) updated to guarantee safe operation and support the continued airworthiness of the altered aircraft registered in Colombia.

Any major change of the STC information must be reported and documented to the Colombian Civil Aviation Authority (AEROCIVIL).

The validity of this letter of acceptance expires when the Supplemental Type Certificate approval ceases to exist. If at any point in time, the AEROCIVIL finds that there is a reasonable doubt to indicate that the safety of the aeronautical product is compromised because of an unsafe condition developed in the altered aeronautical product, AEROCIVIL may cancel the letter of STC Acceptance.

Sincerely,

Unidad Administrativa Especial de Aeronáutica Civil

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Col (RA) Rodrigo R. Zapata R.
Secretary of Aeronautical Authority
Colombian Civil Aviation Authority (AEROCIVIL)

Copy: STC Certification File
Validation.support@easa.europa.eu

Prepared by: Eng. David Fernando Muñoz G.
Certification of Aeronautical Products Group Chief



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