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Destinatario: MT-PROPELLER ENTWICKLUNG GMBH y OTROS

Bogotá, December 15, 2022

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**Subject: Acceptance of Foreign Supplemental Type Certificate  
EASA STC 10070090 “Installation of MTV-27-() propeller on  
the Beech 1900, 1900C & 1900D aircraft models.”, FAA  
STCSA04459NY.**

- References:
1. Ares(2022)5113009 - 13/07/2022 – PROJECT NUNYMBER 0060083465: UAEAC Validation of EASA Supplemental Type Certificate (STC) 10070090 “Installation of 5-blade MT Propeller model MTV-27-1-( )-C-F-R(P)/CFR260-65( ) on aircraft Beech 1900, 1900C, 1900D”.
  2. UAEAC Application form RAC-8110-12 (Dated June 23, 2022).
  3. EASA STC 10070090 MTV-27-() on Beech 1900 / Installation of MTV-27-() propeller on the Beech 1900, 1900C & 1900D aircraft models.
  4. FAA STC SA04459NY Installation of MT-Propeller Entwicklung GmbH model MTV-27-1-( )-C-F-R(P)/CFR260-65( ) 5-blade, constant speed, full feathering, reversible propellers and spinners on Textron Aviation Inc. 1900, 1900C, or 1900D model aircraft equipped with Pratt & Whitney Canada Corp. PT6A-65B or PT6A-67D engine

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Página: 1 de 5



- models.
5. E-3374R1-CCL-B1900 Supplemental Type Certificate Compliance Checklist
  6. E3375-R0 Certification and Test Plan Installation of MT Propeller MTV-27-1-N-C-F-R(P)/CFR260-65() On Beechcraft 1900, 1900C, 1900D
  7. E-3378 R0 Installation and Test Report Propeller: MTV-27-1-( )-C-F-R(P)/CFR260-65() Aircraft: Textron Aviation Inc; Model1900-Series
  8. E-3383 R0 AD-Search Results MT-Propeller MTV-27-1-( )-C-F-R(P)/CFR260-65() on Textron Aviation Inc Models 1900, 1900C, 1900D.
  9. E-3384 MASTER DOCUMENTATION LIST MT-Propeller MTV-27-1-( )-C-F-R(P)/CFR260-65() on Textron Aviation Inc Models 1900, 1900C, 1900D
  10. E-3385 Master Operation Manual List MT-Propeller MTV-27-1-( )-C-F-R(P)/CFR260-65( ) ON Textron Aviation Inc.Models1900, 1900C & 1900D.
  11. AFM and POM Supplement Doc. No. E-3386 R0 Textron Aviation, Inc. 1900, 1900C, 1900D MTV-27-1-( )-C-F-R(P)/CFR260-65( ) Propeller Installation
  12. E-3387 R0 Installation Instructions MT-propeller MTV-27-1-( )-C-F-R(P)/CFR260-65() ON Textron Aviation Inc. Models 1900, 1900C & 1900D
  13. E-3388 R0instructions for continued airworthiness MT-propeller Model MTV-27-1-( )-C-F-R(P)/CFR260-65( ) ON Textron Aviation Inc.1900, 1900C & 1900D
  14. E-3376 R1 Noise Test Plan for Installation of MT-Propeller MTV27-1-( )-C-F-R(P)/CFR260-65() On Textron Aviation Inc. Models 1900, 1900c, 1900d
  15. E-3377 R3 Noise Test Report for Installation of MT-Propeller MTV27-1-( )-C-F-R(P)/CFR260-65() On Textron Aviation Inc. Models 1900, 1900c, 1900d
  16. E-3379 R0 Whirl Flutter Investigation for Propeller MTV27-1-( )-C-F-R(P)/CFR260-65() and Engine Pratt and Whitney PT6A-67D on Textron Aviation Inc. Models 1900, 1900C & 1900D
  17. E-3380 Propeller Vibration Test on Propeller: MTV-27-1-N-C-F-R(P)/CFR260-65b Engine: Pratt & Whitney PT6A-67D On Textron Aviation Inc. Models 1900, 1900c, 1900d
  18. E- 3381 Cooling Test for Installation of MT-Propeller: MTV-27-1-N-C-F-R(P)/CFR260-65( ) Aircraft: Textron Aviation Inc; Model1900D



19. E-3382 R0 Engine Vibration Test Report for Propeller MTV27-1-()-C-F-R(P)/CFR260-65() and Engine Pratt and Whitney PT6A-67D on Textron Aviation Inc. Models 1900, 1900C & 1900D

Dear Mrs. Hoell

According to your application for the acceptance of **EASA Supplemental Type Certificate No. 10070090**, related to the:

*Installation of MTV-27-() propeller on the Beech 1900, 1900C & 1900D aircraft models*

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. **10070090** 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 10070090**, 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 for acceptance. Therefore, AEROCIVIL recognizes the issuance made by the FAA of the **STC SA04459NY**.*

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 10070090 Issued 03 June 2019*
2. *E-3384 Master Documentation List (MDL) Rev 0 Dated January 09/2019 or later approved EASA revision*

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3. *E-3387 Installation Instructions Rev 0 Dated 07 January/2019 or later approved EASA revision*
4. *E-3388 Instructions for Continued Airworthiness Rev 0 Dated January 07/2019 or later approved EASA revision*
5. *E-3385 Master Operation Manual List Rev 0 Dated January 07/2019 or later approved EASA revision*
6. *E-3386 AIRPLANE FLIGHT MANUAL SUPPLEMENT And POH SUPPLEMENT Rev 0 Dated January 07/2019 or later approved EASA revision*
7. *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 respective FAA Approved Model List (AML) of this STC. The STC **10070090** 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.

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Sincerely,

**Francisco Ospina Ramirez**  
Aeronautical Authority Secretary  
Colombian Civil Aviation Authority (AEROCIVIL)

Copy: STC Certification File  
Maximilian Maas, [maximilian.maas@easa.europa.eu](mailto:maximilian.maas@easa.europa.eu)

Prepared and Reviewed by: David Fernando Muñoz – Certification of Aeronautical Products Group Chief.