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Remitente: SECRETARIA DE AUTORIDAD AERONAUTICA
Destinatario: MT-PROPELLER ENTWICKLUNG GMBH

Bogotá, April 30, 2025

MT-Propeller Entwicklung GmbH
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**Subject: Acceptance of Foreign Supplemental Type Certificate EASA
STC 10036196 "Installation of 5 Blade MTV-27-1-(E-C-F-
R(P)/CFR225-55f Propeller on:**

**HAWKER BEECHCRAFT CORPORATION 200, 200C, 200CT,
200T, A200(12A), A200(C-12C), A200CT(C-12D), A200CT(C-
12F), A200CT(RC-12D), A20CT(FWC-12D), A200CT(RC-12G),
A200CT(RC-12H), B200, B200C, B200CGT, B200CT, B200GT,
B200T" (FAA STC SA03209NY).**

- References:**
1. **EASA/60094381** Validation/Acceptance of EASA Supplemental Type Certificate EASA 10036196.
 2. UAEAC Application form RAC-8110-12 (Dated March 13, 2025).
 3. EASA STC 10036196 "Installation of 5 Blade MTV-27-1-(E-C-F-R(P)/CFR225-55f Propeller on HAWKER BEECHCRAFT CORPORATION 200, 200C, 200CT, 200T, A200(12A), A200(C-12C), A200CT(C-12D), A200CT(C-12F), A200CT(RC-12D), A20CT(FWC-12D), A200CT(RC-12G), A200CT(RC-12H), B200, B200C, B200CGT, B200CT, B200GT, B200T".
 4. FAA STC **SA03209NY** Installation of the Model MTV-27-1-E-C-F-R(P)/CFR225-55f full-feathering and reversing 5-bladed propellers in accordance with MT Propeller document

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“Installation Instructions” Doc. No. E-2042, Revision 2, dated October 22,2012.

5. E-2036 Certification & Test Plan EASA Project #00010007285-001 Installation of MT Propeller MTV-27-1-E-C-F-R(P)/CFR225-55f on Hawker Beechcraft Corporation Models 200, 200C, 200CT, 200T, A200(C-124A, C-12C), B200, B200C, B200CT, B200T, B200GT, B200CGT Rev. 0 15/02/2011.
6. E-2037 Supplemental Type Certificate and Compliance Checklist Installation of 5-blade MTV-27-1-E-C-F-R(P)/CFR225-55f Propellers Rev. 2 21/06/2011
7. E-2038 Ground and Flight Test Report EASA P#: 0010007285-001 MTV-27-1-E-C-F-R(P)/CFR225-55f on HAWKER BEECHCRAFT 200 / A200 / B200 Series R1 22/10/2012.
8. E-2039 Noise Test Report EASA Project #0010007285-001 Noise Tests on Propeller Driven Aircraft up to 8618 kg MTOW and Motorgliders Propeller MTV-27-1-E-C-F-R(P)/CFR225-55f ON Hawker Beechcraft Corporation Models 200, 200C, 200CT, 200T, A200 (C-12A, C-12C), A200C, A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H), B200, B200C, B200CT, B200T, B200GT, B200CGT with Engines P&WC PT6A-41, -42, -52, -61 Rev. 0 21/06/2011
9. E-2123 King Air 200 Engine Installation Vibration Test Propeller: MTV-27-1-E-C-F-R(P)/CFR225-55f Engine: Pratt & Whitney PT6A-52 Aircraft: Beech King Air 200 GT Rev. 0 10/10/2011
10. Drawings:
 - a. P-467-H
 - b. P-557-D
 - c. P-565-D
 - d. P-635-I
 - e. P-760-1-C
 - f. P-1151-1
 - g. P-115-A
11. E-2066 Propeller Vibration Test Propeller: MTV-27-1-E-C-F-R(P)/CFR225-55f Engine: Pratt & Whitney PT6A-52 Aircraft: Beech B200GT Rev. 0 25/03/2011

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12. E-2067 Engine Installation Cooling Test Propeller: MTV-27-1-E-C-F-R(P)/CFR225-55f Engine: Pratt & Whitney PT6A-52 Aircraft: Beech B200GT Rev. 0 21/06/2011
13. E-2074 Whirl-Flutter Investigation Propeller: MTV-27-1-E-C-F-R(P)/CFR225-55f Engine: Pratt & Whitney PT6A-52 Aircraft: Beech B200GT Rev. 0 24/06/2011.
14. E-2007 Propeller Deicer Surface Temperature Tests Aircraft: Socata TBM700N Engine: PWC PT6A-64 Propellers: MTV-27-1-E-C-F-R(P)/CFR225-55f, HC-E4N-3/E9083SK Rev. 0 25/10/2010
15. E-458-1 Lightning Strike Tests on MT-Propeller Wood Composite Blades and Analysis of Lightning Strike Effects on the Propellers Rev. 1 25/08/2010.
16. E-885-1 Effects of Lightning Strikes on MT- Propeller Composite Blades, Rev. 1 24/10/2005
17. E-2040 Master Operation Manual List MT-Propeller MODEL MTV-27-1-E-C-F-R(P)/CFR225-55f On Hawker Beechcraft Corporation 200, 200C, 200CT, 200T, A200 (C-12A, C-12C), A200CT (C-12D, FWC-12D, RC-12D), A200CT (C-12F, RC-12G, RC-12H), B200, B200C, B200CT, B200T, B200GT, B200CGT, Rev. 9 25/04/2016.
18. E-2041 Airplane Flight Manual Supplement Hawker Beechcraft Corporation 200, 200C, 200CT, 200T, A200 (C-12A, C-12C), A200CT (C-12D, FWC-12D, RC-12D), A200CT (C-12F, RC-12G, RC-12H), B200, B200C, B200CT, B200T, B200GT, B200CGT Equipped With MT-Propeller Model MTV-27-1-E-C-F-R(P)/CFR225-55f 5-Blade Constant Speed, Full-Feathering, Reversible Propeller, Rev. 4 25/04/2016
19. E-2042 Installation Instructions MT-Propeller Model MTV-27-1-E-C-F-R(P)/CFR225-55f On Hawker Beechcraft Corporation 200, 200C, 200CT, 200T, A200 (C-12A, C-12C), A200CT (C-12D, FWC-12D, RC-12D), A200CT (C-12F, RC-12G, RC-12H), B200, B200C, B200CT, B200T, B200GT, B200CGT Rev. 8 21/12/2015.
20. E-2043 Instructions for Continued Airworthiness Mt-Propeller Model MTV-27-1-E-C-F-R(P)/CFR225-55f On Hawker Beechcraft Corporation 200, 200C, 200CT, 200T, A200 (C-12A, C-12C), A200CT (C-12D, FWC-12D, RC-12D), A200CT (C-12F, RC-12G, RC-12H), B200, B200C, B200CT, B200T, B200GT, B200CGT Rev. 0 21/06/2011

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21. ATA 61-06-10 (E-610) General Operation & Installation
Manual Rev. 30 15/11/2013

Dear Sir or Madam,

According to your application for the acceptance of **EASA Supplemental Type Certificate No. 10036196**, related to the:

Installation of 5 Blade MTV-27-1-(E-C-F-R(P)/CFR225-55f Propeller on:

HAWKER BEECHCRAFT CORPORATION 200, 200C, 200CT, 200T, A200(12A), A200(C-12C), A200CT(C-12D), A200CT(C-12F), A200CT(RC-12D), A200CT(FWC-12D), A200CT(RC-12G), A200CT(RC-12H), B200, B200C, B200CGT, B200CT, B200GT, B200T

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. **10036196** 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 10036196, 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 SA03209NY.*

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 10036196 Rev 0 19/08/2011***

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2. *E-2040 Master Operation Manual List MT-Propeller MODEL MTV-27-1-E-C-F-R(P)/CFR225-55f On Hawker Beechcraft Corporation 200, 200C, 200CT, 200T, A200 (C-12A, C-12C), A200CT (C-12D, FWC-12D, RC-12D), A200CT (C-12F, RC-12G, RC-12H), B200, B200C, B200CT, B200T, B200GT, B200CGT, Rev. 9 25/04/2016, or later EASA approved revision.*
3. *E-2041 Airplane Flight Manual Supplement Hawker Beechcraft Corporation 200, 200C, 200CT, 200T, A200 (C-12A, C-12C), A200CT (C-12D, FWC-12D, RC-12D), A200CT (C-12F, RC-12G, RC-12H), B200, B200C, B200CT, B200T, B200GT, B200CGT Equipped With MT-Propeller Model MTV-27-1-E-C-F-R(P)/CFR225-55f 5-Blade Constant Speed, Full-Feathering, Reversible Propeller, Rev. 4 25/04/2016, or later EASA approved revision.*
4. *E-2042 Installation Instructions MT-Propeller Model MTV-27-1-E-C-F-R(P)/CFR225-55f On Hawker Beechcraft Corporation 200, 200C, 200CT, 200T, A200 (C-12A, C-12C), A200CT (C-12D, FWC-12D, RC-12D), A200CT (C-12F, RC-12G, RC-12H), B200, B200C, B200CT, B200T, B200GT, B200CGT Rev. 8 21/12/2015, or later EASA approved revision.*
5. *E-2043 Instructions For Continued Airworthiness Mt-Propeller Model MTV-27-1-E-C-F-R(P)/CFR225-55f ON HAWKER BEECHCRAFT CORPORATION 200, 200C, 200CT, 200T, A200 (C-12A, C-12C), A200CT (C-12D, FWC-12D, RC-12D), A200CT (C-12F, RC-12G, RC-12H), B200, B200C, B200CT, B200T, B200GT, B200CGT Rev. 0 21/06/2011 or later EASA approved revision.*
6. *ATA 61-06-10 (E-610) General Operation & Installation Manual Rev. 30 15/11/2013 or later EASA approved 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 Supplemental Type Certificate. The **STC10036196** 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).

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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.

This letter cancels the letter of acceptance file **#2025240040015372 Id: 1653888** issued on April 11, 2025, due to an error that excluded aircraft models **"200T"** as well as an error identifying the aircraft models **"A200CT"** improperly as **"A20CT"** in the applicability of the STC.

Sincerely,



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

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

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

