

Doc. No. E-2043	Instructions for Continued Airworthiness	DOA No. EASA.21J.020
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# **INSTRUCTIONS FOR CONTINUED AIRWORTHINESS**

## **E-2043**

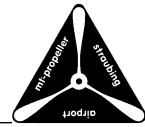
**MT-PROPELLER  
MODEL MTV-27-1-E-C-F-R(P)/CFR225-55f**

**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**

Approved by the EASA as part of STC Number:  
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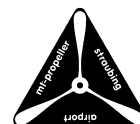


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Log of revisions

Rev. No.	Pages Revised	Description of Revision	Date	Approved by
0	All	Initial Issue	21 June 2011	EASA as part of STC No. 10036196

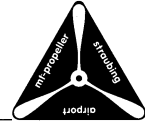
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## 1. INTRODUCTION

This document outlines the compliance with CS and FAR 23.1529 “Instructions for Continued Airworthiness” MT-Propeller Entwicklung GmbH MT-Propeller model MTV-27-1-E-C-F-R(P)/CFR225-55f on Hawker Beechcraft Corporation 200 /A200/B200 Series. Modification of HBC 200 /A200/B200 Series airplanes with this STC obligates the airplane operator to include the maintenance information provided by this document in the Operator`s Aircraft Maintenance Manual and the Operator`s Aircraft Scheduled Maintenance Program.

### **APPLICABLE MANUALS**

Airplane Maintenance Manual, latest revision.

MT-Propeller Installation Instruction Doc. E-2042, latest revision.

MT-Propeller Operation and Installation Manual Doc. No. ATA 61-06-10 (E-610), latest revision.

EASA approved Airplane Flight Manual Supplement Doc. No. E-2041, latest revision.

BF Goodrich Component Maintenance Manual No. ATA 30-61-01, latest revision.

BF Goodrich Installation & Maintenance Manual No. ATA 30-60-02, latest revision.

BF Goodrich Report No. 68-04-714, latest revision.

BF Goodrich Report No. 68-04-712C, latest revision.

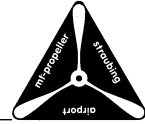
### **APPLICABLE SERVICE BULLETINS / SERVICE LETTERS / SERVICE INSTRUCTIONS**

MT-Propeller Service Bulletin No. 1AH or a later revision

MT-Propeller Service Letter No. 4E or a later revision

MT-Propeller Service Letter No. 32A or a later revision

Additionally, see Note on next page.



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## 1. INTRODUCTION continued

**Note:**

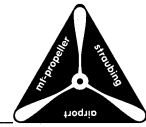
Every owner should stay in close contact with his MT-Propeller Dealer or Distributor and Authorized MT-Propeller Service Shop to obtain the latest information pertaining to his propeller and its installation. MT-Propeller takes a continuing interest in having the owner get the most efficient use of his propeller and keeping it in the best mechanical condition. Consequently, MT-Propeller from time to time issues Service Bulletins, Service Letters and Manuals relating to the propeller and its installation. Service Bulletins are of special importance and should be complied with promptly. These are sent to dealers, distributors and latest registered owners. Service Letters deal with products improvements and service hints pertaining to the propeller and its installation. These are sent to dealers, distributors and occasionally (at the factory's discretion) to latest registered owners. If an owner is not having his propeller serviced by an Authorized MT-Propeller Service Shop, he should periodically check the MT-Propeller's homepage to find out the latest information to keep his propeller up to date.

The list of valid Manuals, Service Bulletins, AD's and their latest revisions can be downloaded from the homepage of MT-Propeller ([www.mt-propeller.com](http://www.mt-propeller.com)).

Hardcopies can also be obtained from MT-Propeller Germany and MT-Propeller USA.

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94348 Atting, Germany  
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MT-Propeller USA, Inc.  
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DeLand, FL 32724  
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## 2. DESCRIPTION

This modification removes the existing Hartzell or McCauley reversing and full feathering constant speed propellers with the appropriate spinners and replaces it with the 5-blade MTV-27-1-E-C-F-R(P)/CFR225-55f propellers and MT-Propeller spinners. The existing governors are retained.

## 3. CONTROL AND OPERATION INFORMATION

Refer to MT-Propeller Operation and Installation Manual Doc. No. ATA 61-06-10 (E-610), latest revision.

Refer to MT-Propeller Installation Instruction Doc. E-2042, latest revision.

Refer to the Airplane Flight Manual Supplement, Doc. No. E-2041, latest revision.

## 4. SERVICING INFORMATION

MT-Propeller publications contain the information necessary to operate, maintain, and perform scheduled maintenance.

The list of valid MT-Propeller manuals, service bulletins, AD's and their latest revisions can be downloaded from the homepage of MT-Propeller ([www.mt-propeller.com](http://www.mt-propeller.com)).

Hardcopies can also be obtained from MT-Propeller Germany and MT-Propeller USA.

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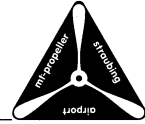
## 5. MAINTENANCE INSTRUCTIONS

Refer to MT-Propeller Operation and Installation Manual Doc. No. ATA 61-06-10 (E-610) and MT-Propeller Installation Instruction Doc. E-2042, latest revision.

## 6. REMOVAL AND REPLACEMENT INFORMATION

Refer to MT-Propeller Operation and Installation Manual Doc. No. ATA 61-06-10 (E-610) and MT-Propeller Installation Instruction Doc. E-2042, latest revision.

No mandatory replacement times for any MT propeller components.



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## 7. DIAGRAMS

Refer to MT-Propeller Operation and Installation Manual Doc. No. ATA 61-06-10 (E-610).

## 8. TROUBLESHOOTING

Refer to MT-Propeller Operation and Installation Manual Doc. No. ATA 61-06-10 (E-610), Section 8.

## 9. LIST OF SPECIAL TOOLS

Refer to MT-Propeller Operation and Installation Manual Doc. No. ATA 61-06-10 (E-610).

## 10. ADDITIONAL INFORMATION FOR COMMUTER CATEGORY AIRCRAFT

Not applicable.

## 11. OVERHAUL PERIODS

Overhaul is the periodic disassembly, inspection, reconditioning and reassembly of the propeller assembly.

Currently, the recommended Time Between Overhauls (TBO) for this 5-blade MT propeller is 2000 hours or 72 month whichever occurs first, or as published in the MT-Propeller's SB No. 1( ), latest revision

## 12. AIRWORTHINESS LIMITATIONS

No additional Airworthiness Limitations.

No mandatory replacement times for any propeller components.

**The Airworthiness Limitations Section is EASA approved in accordance with Part 21A.31(a)(3) and FAR/CS/JAR 23.1529. Variations must also be approved.**

**The Airworthiness Limitations Section is also FAA approved and specifies maintenance required under FAR 43.16 and 91.403 of the Federal Aviation Regulations unless an alternative program has been FAA approved.**

## 13. REVISIONS

Any revisions to this document will be logged in the Log of Revisions sheet.