

Doc. No. E-1372	Instructions for Continued Airworthiness	DOA No. EASA.21J.020
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INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

E-1372

Supersedes E-1445

MT-PROPELLER

**MTV-12-B-C-F/CF183-59b
ON**

Vulcanair S.P.A.

P.68, P.68B, P.68C, P.68 OBSERVER, P.68 OBSERVER 2

OR

MTV-12-B-C-F/CF183-53

(Optional equipped with Liese muffler 75x8x100)¹

ON

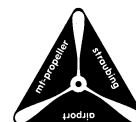
Vulcanair S.P.A.

P.68, P.68B, P.68C, P.68R, P.68 OBSERVER, P.68 OBSERVER 2

¹ Optional Liese muffler is not applicable to the P.68R model with the AFM supplement AN installed.

The technical content of this document is approved under authority of DOA No. EASA.21J.020

Published By:
MT-Propeller Entwicklung GmbH (DOA No. EASA.21J.020)
D-94348 Atting, Germany

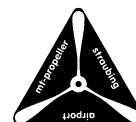


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Log of revisions

Rev. No.	Pages Revised	Description of Revision	Date	Approved by
0	All	Initial Issue	10.07.2006	EASA
1	All	add propeller blades and aircraft models	13.07.2016	EASA
2	1, 2, 6	Editorial Change	14.11.2017	EASA
3	1, 2	Editorial Changes to incorporate FAA STC in this manual.	25.04.2025	DOA No. EASA.21J.020

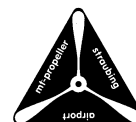
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1. INTRODUCTION

This document outlines the compliance with CS and FAR 23.1529 “Instructions for Continued Airworthiness” MT-Propeller Entwicklung GmbH MT-Propeller model MTV-12-B-C-F/CF183-59b or MTV-12-B-C-F/CF183-53 on Vulcanair P68 () series airplanes.

Modification of Vulcanair P.68() series 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.

Approved Airplane Flight Manual Supplement Doc. No. E-2781, latest revision for MT-Propeller model MTV-12-B-C-F/CF183-53 or

Approved Airplane Flight Manual Supplement Doc. No. E-1370, latest revision for MT-Propeller model MTV-12-B-C-F/CF183-59b.

MT-Propeller Installation Instruction Doc. E-1371, latest revision.

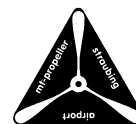
MT-Propeller Operation and Installation Manual Doc. No. ATA 61-01-24 (E-124), latest revision.

APPLICABLE SERVICE BULLETINS / SERVICE LETTERS / SERVICE INSTRUCTIONS

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

MT-Propeller Service Letter No. 32 revision 1 or a later revision

Additionally, see Note on next page.



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1. INTRODUCTION continued

Note:

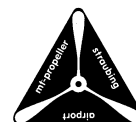
Every owner should stay in close contact with his MT-Propeller Dealer or Distributor and Authorized MT-Propeller Service Shop to obtain the latest information pertaining to his propeller and its installation. MT-Propeller takes a continuing interest in having the owner get the most efficient use of his 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 and their latest revisions can be downloaded from the homepage of MT-Propeller (www.mt-propeller.com).

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

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2. DESCRIPTION

This modification replaces the existing propeller with the MTV-12-B-C-F/CF183-59b or MTV-12-B-C-F/CF183-53 constant speed propellers and MT-Propeller spinners. The existing governors can be retained. This STC includes with the MT model MTV-12-B-C-F/CF183-53 an optional "Liese 75x8x100" muffler modification. The optional Liese muffler is not applicable to the P.68R model with the AFM supplement AN installed.

3. CONTROL AND OPERATION INFORMATION

Refer to MT-Propeller Operation and Installation Manual Doc. No. ATA 61-01-24 (E-124), latest revision.

Refer to MT-Propeller Installation Instruction Doc. E-1371, latest revision.

Refer to the Airplane Flight Manual Supplement Doc. No. E-2781, latest revision for MT-Propeller model MTV-12-B-C-F/CF183-53 or

Refer to the Airplane Flight Manual Supplement Doc. No. E-1370, latest revision for MT-Propeller model MTV-12-B-C-F/CF183-59b.

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 and their latest revisions can be downloaded from the homepage of MT-Propeller (www.mt-propeller.com).

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

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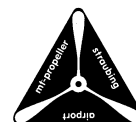
5. MAINTENANCE INSTRUCTIONS

Refer to MT-Propeller Operation and Installation Manual Doc. No. ATA 61-01-24 (E-124) and MT-Propeller Installation Instruction Doc. E-1371, latest revision.

6. REMOVAL AND REPLACEMENT INFORMATION

Refer to MT-Propeller Operation and Installation Manual Doc. No. ATA 61-01-24 (E-124) and MT-Propeller Installation Instruction Doc. E-1371, 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 61-01-24 (E-124).

8. TROUBLESHOOTING

Refer to MT-Propeller Operation and Installation Manual Doc. No. ATA 61-01-24 (E-124), Section 8.

9. LIST OF SPECIAL TOOLS

Refer to MT-Propeller Operation and Installation Manual Doc. No. ATA 61-01-24 (E-124).

10. ADDITIONAL INFORMATION FOR COMMUTER CATEGORY AIRCRAFT

Not applicable.

11. OVERHAUL PERIODS

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

The recommended Time Between Overhauls (TBO) for the 3-blade MT propellers 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.