

SUPPLEMENTAL TYPE CERTIFICATE

10014445 REV. 3

This Supplemental Type Certificate is issued by EASA, acting in accordance with Regulation (EC) No. 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation and in accordance with Commission Regulation (EU) No. 748/2012 to

MT-PROPELLER ENTWICKLUNG GmbH

**FLUGPLATZSTRASSE 1
94348 ATTING
GERMANY**

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and environmental protection requirements when operated within the conditions and limitations specified below:

Original Type Certificate Number: EASA.A.385

Type Certificate Holder: VULCANAIR S.p.A.

Type: VULCANAIR P.68

Model: P.68 "OBSERVER 2", P.68C

P.68 "OBSERVER", P.68 "VICTOR"

P.68-TC "OBSERVER", P.68C-TC

P.68B "VICTOR", P.68R "VICTOR"

Description of Design Change:

Installation of 3-blade constant speed propeller MTV-12-B-C-F/CF183-59b on Vulcanair S.P.A. P.68 "Victor", P.68B "Victor", P.68C, P.68 "Observer", P.68 "Observer 2".

Installation of 3-blade constant speed propeller MTV-12-B-C-F/CF183-53 and optional installation of Liese 75x8x100 muffler for noise reduction purpose on Vulcanair S.P.A. P.68 "Victor", P.68B "Victor", P.68R "Victor", P.68C, P.68 "Observer", P.68 "Observer 2".

Installation of 3-blade constant speed propeller MTV-12-B-C-F/CF188-53 on Vulcanair S.P.A. P.68C-TC, P.68TC "Observer".

See Continuation Sheet(s)

For the European Aviation Safety Agency

Cologne, Germany, 30 November 2017



Dominique ROLAND
Head of General Aviation and
Remotely Piloted Aircraft Systems (RPAS)



EASA Certification Basis:

The Certification Basis for the original product as amended by the following additional or alternative airworthiness requirements:

The following paragraph(s) at a later amendment:

CS-36, Amendment 4.

FAR 36, Amendment 36-30.

This certificate/ approval involves a change to the requirements for environmental protection or a change to the certified noise or emissions levels.

Associated Technical Documentation:

According to MT-Propeller Master Documentation List No. E-2783, Rev 3;

To be operated in accordance with MT-Propeller AFM-S Document No. E-1370, Rev 2 when the MTV-12-B-C-F/CF183-59b has been installed;

According to MT-Propeller Master Documentation List No. E-2783, Rev 3;

To be operated in accordance with MT-Propeller AFM-S Document No. E-1370, Rev 2 when the MTV-12-B-C-F/CF183-59b has been installed;

To be operated in accordance with MT-Propeller AFM-S Document No. E-2781, Rev 2 when the MTV-12-B-C-F/CF183-53 with or without optional Liese 75x8x100 muffler has been installed;

To be operated in accordance with MT-Propeller AFM-S Document No. E-1374, Rev 1 when the MTV-12-B-C-F/CF188-53 has been installed;

or later revisions of the above listed documents approved by EASA.

To be installed i.a.w. Installation Instructions Doc. No. E-1371, Rev 3, or later revisions for the MTV-12-B-C-F/CF183-59b and MTV-12-B-C-F/CF183-53 installation.

To be installed i.a.w. Installation Instructions Doc. No. E-1375, Rev 2, or later revisions for the MTV-12-B-C-F/CF188-53 installation.

To be maintained i.a.w. Instruction for continued airworthiness Doc. No. E-1372, Rev 2, or later revisions when the MTV-12-B-C-F/CF183-59b or MTV-12-B-C-F/CF183-53 has been installed.

To be maintained i.a.w. Instruction for continued airworthiness Doc. No. E-1376, or later revisions when the MTV-12-B-C-F/CF188-53 has been installed.

Limitations/Conditions:

According limitation section of AFM-S.

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

Prior to installation of this design change it must be determined that the interrelationship between this design change and any other previously installed design change and/ or repair will introduce no adverse effect upon the airworthiness of the product.

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