

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number SA03420AT

This certificate issued to MT-Propeller USA, Inc.
1180 Airport Terminal Drive
Deland, FL 32724

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product - Type Certificate Number : A31EU

Make : Vulcanair

Model : P68 Observer, P68 Observer 2 ;
P68, P68B, P68C, P68C-TC ; P68TC
Observer

Description of Type Design Change: MT-Propeller model MTV-12-B-C-F/CF183-59b propeller installed on Vulcanair models P68, P68B, P68C, P68 Observer, and P68 Observer 2 airplanes according to MT-Propeller Doc. No. E-1444, "Installation Instructions MT-Propeller model MTV-12-B-C-F/CF183-59b on Vulcanair P68, P68B, P68C, P68 Observer, and P68 Observer 2", Revision Original Issue, dated November 29, 2006, or later FAA Approved Revision. Installation of MT-Propeller model MTV-12-B-C-F/CF188-53 propeller on Vulcanair models P68C-TC and P68TC Observer airplanes according to MT-Propeller Installation Instructions Doc. No. E-1441,

(See continuation sheet 3 of 3)

Limitations and Conditions: This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission."

(See continuation sheet 3 of 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : January 05, 2007

Date reissued :

Date of issuance : April 04, 2007

Date amended :



By direction of the Administrator

Cristina L. Marsh

(Signature)

for Melvin D. Taylor
Manager
Atlanta Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

United States of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number SA03420AT

Date of Issuance: April 04, 2007

Description of Type Design Change (Continued):

"Installation Instructions MT-Propeller model MTV-12-B-C-F/CF188-53 on Vulcanair P68C-TC, P68TC Observer", Revision Original Issue, dated November 29, 2006, or later FAA Approved Revision.

Limitations and Conditions (Continued):

MT-Propeller Doc. No. E-1445, "Instructions for Continued Airworthiness MT-Propeller Model MTV-12-B-C-F/CF183-59b on Vulcanair Models P68, P68B, P68C, P68 Observer, P68 Observer 2", Revision Original Issue, dated November 29, 2006. MT-Propeller Doc. No. E-1442 "Instructions for Continued Airworthiness MT-Propeller Model MTV-12-B-C-F/CF188-53 on Vulcanair Models P68C-TC, P68TC Observer", Revision Original Issue, dated November 29, 2006.

MT Propeller Doc. No. E-1443, "Airplane Flight Manual Supplement For Vulcanair Models P68, P68B, P68C, P68 Observer, P68 Observer 2 with MTV-12-B-C-F/CF183-59b Hydraulic 3-Blade Full Feathering Constant Speed Propeller", dated April 4, 2007, or later FAA Approved Revision, is a required part of this STC for Vulcanair Models P68, P68B, P68C, P68 Observer and P68 Observer 2. MT-Propeller Document No. E-1440, "Airplane Flight Manual Supplement For Vulcanair Models P68TC, P68TC Observer with MTV-12-B-C-F/CF188-53 Hydraulic 3-Blade Full Feathering Constant Speed Propeller", dated April 4, 2007, or later FAA Approved Revision, is a required part of this STC for Vulcanair Models P68TC and P68TC Observer.

14 CFR 21(b) No Acoustical Change approval is granted for Vulcanair Models P68, P68B, P68C, P68 Observer and P68 Observer 2 with MT-Propeller model MTV-12-B-C-F/CF183-59b propellers based on MT-Propeller Report No. E-1446, Rev 1, February 19, 2007, "Propeller Acoustical Change Estimation (PACE) Installation of MT Propeller MTV-12-B-C-F/CF183-59b Propellers on P68 Vulcanair Aircraft Models With Normal Aspirated Engines". 14 CFR 21(b) No Acoustical Change approval is granted For Vulcanair Models P68TC and P68TC Observer with MT-Propeller model MTV-12-B-C-F/CF188-53 propellers based MT-Propeller Report No. E-1447, Rev 1, dated February 19, 2007, "Propeller Acoustical Change Estimation (PACE) Installation of MT Propeller MTV-12-B-C-F/CF188-53 Propellers on P68 Vulcanair Aircraft Models With Turbocharged Engines".

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.