



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate
IMPORT

Number: SA03658NY

This certificate issued to: MT-Propeller Entwicklung GmbH
Flugplatzstrasse 1
94348 Atting, Germany

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

Original Product – Type Certificate Number: A12SO
Make: Commander Aircraft Corporation
Model: 112, 112B

Description of Type Design Change:

- 1. Installation of MT-Propeller Entwicklung GmbH's Model# MTV-12-B/188-59f 3-Blade constant speed propeller on Commander Aircraft Corporation Model 112 or 112B aircraft equipped with Lycoming IO-360-C1D6 engines or aircraft modified with STC SA5202NM in accordance with the configuration stated in Master Operation Manual List, Doc. No. E-2611, Rev. 2, dated January 11, 2016, or later EASA approved revision and Installation Instructions, Doc. No. E-2613, Rev. 1, dated December 08, 2015, or later EASA approved revision.
(See Description of Type Design Change continued on Page 3 of 3)

Limitations and Conditions:

- 1. Commander 112 or Commander 112 aircraft modified i.a.w. STC SA5202NM must be operated in accordance with the "Limitations" section of Airplane Flight Manual Supplement, Doc. No E-2612-1, Rev. 2, dated January 11, 2016 or later EASA approved revision.
- 2. Commander 112B or Commander 112B aircraft modified i.a.w. STC SA5202NM must be operated in accordance with the "Limitations" section of Airplane Flight Manual Supplement, Doc. No E-2612, Rev. 2, dated January 11, 2016 or later EASA approved revision.
(See Limitations and Conditions continued on Page 3 of 3)

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

Date of Application: August 27, 2015
Date Reissued:
Date of Issuance: February 1, 2016
Date Amended:

By Direction of the Administrator

Signature _____

Title Anthony E. Gallo
Acting Manager
New York Aircraft Certification Office

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

Transfer Endorsement

Transfer the ownership of Supplemental Type Certificate Number: SA03658NY

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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Supplemental Type Certificate

(Continuation Sheet)

Number: SA03658NY

Date of Issuance: February 1, 2016

Description of Type Design Change (continued):

2. For Commander 112 aircraft or Commander 112 aircraft modified in accordance with SA5202NM, aircraft Operation must be in accordance with Aircraft Flight Manual Supplement, Doc. No E-2612-1, Rev. 2, dated January 11, 2016 or later EASA approved revision, and is required as part of this installation.
3. For Commander 112B aircraft or Commander 112B aircraft modified in accordance with SA5202NM, aircraft Operation must be in accordance with Aircraft Flight Manual Supplement, Doc. No E-2612, Rev. 2, dated January 11, 2016 or later EASA approved revision, and is required as part of this installation.
4. Maintenance must be in accordance with Instructions for Continued Airworthiness, Doc. No. E-2614, Rev.0, dated July 07, 2015, or later EASA accepted revision.

Limitations and Conditions (continued):

3. The installer must determine whether this design change is compatible with previously approved modifications.
4. If the holder agrees to permit another person to use the certificate to alter the product, the holder must give the other person written evidence of that permission.

Certification Basis:

Based on 14 CFR §21.115 and §21.101, and FAA Order 8110.48, the certification basis for this modification to the Commander 112 and 112B aircraft is as follows:

- a) The type certification basis for the Commander Aircraft Corporation 112 and 112B aircraft as shown on TCDS A12SO for parts not changed or not affected by the change.
- b) The type certification basis for the Commander Aircraft Corporation 112 and 112B aircraft as shown on TCDS A12SO for parts changed or affected by the change with the following exceptions:
 - Compliance with 14 CFR §23.1529 at Amendment 23-26.
 - Compliance with 14 CFR Part 36 at Amendment 36-30.

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Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).