

Supplemental Type Certificate

IMPORT

Number SA01438WI

This certificate issued to:

MT-Propeller Entwicklung GmbH
Flugplatzstr. 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. Luftfahrt-Bundesamt (LBA) originally certificated this modification under German LBA EMZ (STC) No. EASA.A.S.01406. The FAA validated this modification under U.S. Supplemental Type Certificate No. SA01438WI. Effective September 28, 2003, the European Aviation Safety Agency (EASA) began oversight of this modification on behalf of Luftfahrt-Bundesamt.

Original Product Type Certificate Number: 3A13

Make: Cessna

Model: 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, F182P

Description of Type Design Change:

Installation of MT-Propeller Model MTV-9-D/203-52 hydraulic 3-blade constant speed propeller in accordance with MT-Propeller Installation Instructions Document No. E-1366, Revision (1), dated April 16, 2007, or later FAA approved revisions. Instructions for Continued Airworthiness Document No. E-1367, Revision (2), dated 23 May 2007, or later FAA approved revisions. FAA Approved Supplemental Airplane Flight Manual E-1365, Revision (-), dated June 14, 2007, or later FAA approved revision.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. This STC is not to be transferred since its issuance was in accordance with 14 CFR§21.29 and based upon a validation of the German LBA EMZ No. EASA.A.S.01406.

(See Continuation Sheet 2 of 2)

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: November 6, 2006

Date reissued:

Date of issuance: June 14, 2007

Date amended: July 20, 2007

By direction of the Administrator



Original signed by Grant E. Youngdahl

(Signature)

Grant Youngdahl
FAA Program Manager
Wichita Aircraft Certification Office

(Title)

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA01438WI

Date of issuance: June 14, 2007

Date Amended: July 20, 2007

Limitations and Conditions (continued):

3. If the STC holder agrees to permit another person to use this certificate to alter that product, the holder shall give the other person written evidence of that permission.
4. The Limitations and Conditions are as defined on this certificate.
5. A copy of the approved data shall be maintained in the airplane permanent records.
6. A copy of this certificate must be maintained as part of the permanent records for the aircraft.

Certification Basis:

Based on 14 CFR §§ 21.101 and 21.115, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the MT-Propeller model MTV-9-D/203-52 hydraulic 3-blade constant speed propeller as installed on the Cessna 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, F182P is as follows:

- a. The type certification basis for Cessna 182 Series airplanes is shown on TCDS 3A13 for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by the change since the reference date of application, November 6, 2006, is based upon Part 23 as amended by Amendment 23-45. Based on 14 CFR §§ 21.101 and 21.115, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at amendment 23-45

23.1, 23.21, 23.29, 23.33, 23.45, 23.51, 23.65, 23.75, 23.77, 23.201, 23.251, 23.629, 23.867, 23.901, 23.905, 23.907, 23.925, 23.1041, 23.1043, 23.1047, 23.1305, 23.1309, 23.1501, 23.1521, 23.1529, 23.1541, 23.1549, 23.1559, 23.1581, 23.1583, 23.1587

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