



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: SA1003NE

This certificate issued to: Griggs Aircraft Refinishing, LLC.
17 Runway Road
Tunkhannock, PA 18657

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 3/23 of the Civil Air and Federal Aviation Regulations.

Original Product – Type Certificate Number:
3A21

Make: Cessna Aircraft Company
Model: P210N, 210L, 210M, 210N, T210L, T210M, T210N

Description of Type Design Change:

1. Configuration 1: Installation of an Allison 250-B17F Turboprop Engine (450Hp), (TCDS. E10CE) Hartzell HC-B3TF-7A/T9212NK-2, Constant Speed reversing propeller, and, a 27.7 gallon Auxiliary Fuel Tank in the fuselage aft, baggage compartment.
2. Configuration 2: Installation of a Rolls Royce Corporation, 250-B17F/2 engine (450Hp), (TCDS. E10CE). and Hartzell HC-B3TF-7A/T9212NK-2, Constant Speed reversing propeller.

(See Description of Type Design Change continued on Page 3 of 4)

Limitations and Conditions:

1. A Copy of this certificate dated January 27, 2011 or later FAA approved revision, must be maintained as part of the permanent records for the modified aircraft.
2. The installer must determine whether this design change is compatible with previously approved modifications.
3. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

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: July 20, 1989

Date Reissued: April 19, 2011, June 8, 2015, September 4, 2015, October 15, 2015, June 22, 2016

Date of Issuance: September 9, 1992

Date Amended: August 9, 1995, August 12, 1997, June 12, 2003, June 9, 2005, April 16, 2009, January 27, 2011, November 11, 2011

By Direction of the Administrator

Signature _____

Title Raymond H. Reinhardt
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: SA1003NE

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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Supplemental Type Certificate

(Continuation Sheet)

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Date Reissued: June 22, 2016

Description of Type Design Change (continued):

3. Configuration 3: Installation of a Rolls Royce Corporation, 250-B17F/2 engine (450Hp), (TCDS. E10CE), Hartzell HC-B3TF-7A/T9212NK-2, Constant Speed reversing propeller and Bleed Air Heated Inlet Duct.
4. These installation must be completed according to the Installation Drawing Lists (IDL) noted in Line No. 5, which also define aircraft model applicability.
5. All aircraft will be modified in accordance with (IAW) the appropriate installation drawing lists (IDL) and must be delivered with an approved Aircraft Flight Manual Supplement (AFMS) and FAA accepted Instructions for Continued Airworthiness (ICA) as listed Below:

Configuration 1:

The Allison (Rolls Royce) 250-B17F/2 with 27.7 gallon aux. fuel tank installed on Cessna P210N:

- a. This configuration must be installed IAW: O&N (Cessna P210N) Installation Drawing List, Report Number ON-1018, Rev. H, dated March 21, 2005
- b. The Maintenance Instructions for Continued Airworthiness are contained in: O&N Maintenance Manual Supplement for Cessna P210N with Rolls Royce, Allison Engine Model 250-B17F/2, Report 1024, Rev. 5, dated January 09, 2009.
- c. The FAA Approved Aircraft Flight Manual Supplement for Cessna P210N: O&N Flight Manual Supplement, Report 1020, Rev. 4, dated June 8, 2005.

Configuration 2:

The Rolls Royce 250-B17F/2 installed on applicable models listed below:

- a. The configuration must be installed IAW:
 - (1) Installation Drawing List, Report ON-2000, Rev. A, dated August 5, 2008, and , Manufacturing Drawing List, Report ON-2001, Rev. A, dated August 5, 2008, for Cessna models 210L & T210L.
 - (2) Installation Drawing List, Report ON-2002, Rev. A, dated August 5, 2008, and, Manufacturing Drawing list, Report ON-2003, Rev. A, dated August 5, 2008, for Cessna Models 210M & T210M.
 - (3) Installation Drawing List, Report On-2004, Rev. A, dated August 5, 2008, and, Manufacturing Drawing List, Report ON-2005, Rev. A, dated August 5, 2008, for Cessna models 210N & T210N.
- b. The maintenance Instructions for Continued Airworthiness are: O&N Report ON-2009, Rev. IR, dated May 29, 2009, Maintenance Manual Supplement for Cessna 210L/T210L; 210M/T210M; 210N/T210N, with Rolls Royce (Allison) Engine Model 250-B17F/2, is required with this modification for Cessna 210L/ T210L; 210M/T210M; 210N/T210N.

(See Description of Type Design Change continued on Page 4 of 4)

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Description of Type Design Change (continued):

Configuration 2:

c. The FAA approved Airplane Flight Manual Supplements:

- (1) Cessna 210L & T210L: Report ON-2006, dated April 3, 2009, or later FAA approved revisions for Cessna Models 210L & T210L.
- (2) Cessna 210M & T210M: Report ON-2007, dated April 3, 2009, or later FAA approved revision for Cessna Models 210M & T210M.
- (3) Cessna 210N & T210N: Report ON-2008, dated April 3, 2009, or later FAA approved revisions for Cessna Models 210N & T210N.

Configuration 3:

The Rolls Royce 250-B17F/2 with bleed air heated inlet duct installed on applicable models listed below:

a. This configuration must be installed IAW:

- (1) Installation Drawing List 100, Report ON-1018, Rev. J, dated December 22, 2010 for Cessna Model P210N and Manufacturing Drawing List 200, Report ON-1019, Rev. F, dated June 23, 2010 for the model P210N.
- (2) Installation Drawing List ON-2000, Rev. B, dated December 22, 2010, and, Manufacturing Drawing List ON-2001, Rev. B, dated June 23, 2010 for Cessna Models 210L and T210L.
- (3) Installation Drawing List ON-2002, Rev. B, dated December 22, 2010, and, Manufacturing Drawing List ON-2003, Rev. B, dated June 23, 2010 for Cessna Models 210M and T210M.
- (4) Installation Drawing List ON-2004, Rev. B, dated December 22, 2010, and, Manufacturing Drawing List ON-2005, Rev. B, dated June 23, 2010 for Cessna Models 210N and T210N.

b. The Maintenance Instructions for Continued Airworthiness are listed below:

- (1) O&N Report 1024, Rev. 6, dated December 28, 2010, or later revision, Maintenance Manual Supplement for Cessna Model P210N with Rolls-Royce Allison Engine Model 250-B17F/2, is required with this modification for Cessna Model P210N.
- (2) O&N Report ON-2009, Rev. 1, dated December 28, 2010, or later revision, Maintenance Manual Supplement for Cessna 210L/T210L; 210M/T210M; 210N/T210N with Rolls Royce (Allison) Engine Model 250-B17F/2, is required with this modification for Cessna 210L/T210L; 210M/T210M; 210N/T210N.

c. The FAA approved Airplane Flight Manual Supplement:

- (1) Cessna 210L & T210L: Report ON-2006, dated January 27, 2011, or later FAA approved Revision for Cessna Models 210L/T210L.
- (2) Cessna 210M & T210M: Report ON-2007, dated January 27, 2011, or later FAA approved revision for Cessna Models 210M/T210M.
- (3) Cessna 210N & T210N: Report ON-2008, dated January 27, 2011, or later FAA approved revision for Cessna Models 210N/T210N.
- (4) Cessna P210N: Report 1020, dated January 27, 2011, or later FAA approved revision for Cessna Models P210N.

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