

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

Number SA02741CH

This certificate issued to Kelly Aerospace Thermal Systems, LLC
1625 Lost Nation Road
Willoughby, OH 44094

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: A00003SE

Make: Cessna

Model: LC41-550FG, LC42-550FG

Description of Type Design Change: Replacement of factory installed engine driven air conditioning system compressor and alternator with electrically driven air conditioning system compressor and 100 ampere alternator and associated components in accordance with Kelly Aerospace Thermal Systems Drawing List, Document No. NC-09-030, revision C, dated July 16, 2009 or later FAA approved revisions.

Limitations and Conditions:

1. Airplane Flight Manual Supplement, Kelly Aerospace Thermal Systems Document No. NC-09-034, revision A, dated July 7, 2009, or later FAA approved revisions, is required on board the modified aircraft.
2. Instructions for Continued Airworthiness, Kelly Aerospace Thermal Systems Document No. NC-09-033, revision E, dated July 16, 2009, or later FAA approved revisions, should be incorporated into the aircraft maintenance program.
3. A copy of this certificate must be maintained as part of the permanent records for the modified aircraft.
4. Compatibility of this design change with previously approved modifications must be determined by the installer.
5. 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.

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 : February 6, 2009

Date reissued :

Date of issuance : July 20, 2009

Date amended :



By direction of the Administrator

(Signature)

Steven L. Lardinois
Manager, Systems and Flight Test Branch
Chicago Aircraft Certification Office

(Title)