

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

Number SA2457CE

This certificate issued to: Hartwig Aircraft Fuel Cell Repair
429 N. St. Francis
Wichita, KS 67202

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 : A13CE
Make : Cessna
Model : 177, 177A, and 177B, S/N 17700001 through 17702752

Description of Type Design Change:
Installation of fuel inlets and caps in accordance with Barton Drawing List No. WW-1 dated November 7, 1988, or later "FAA Approved" revisions.

Limitations and Conditions:

This approval should not be extended to other specific airplanes of these models on which other previously approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those other previously approved modifications will introduce 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.

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 8, 1988

Date reissued : November 29, 2003; May 3, 2004

Date of issuance : April 26, 1989

Date amended :



By direction of the Administrator

Original signed by Eual M. Conditt, Jr.

(Signature)

Eual M. Conditt, Jr.
Associate ACO Manager, Airframe & Services
Wichita Aircraft Certification Office

(Title)