United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA1814CE

This certificate, issued to Advanced Aircraft Extinguishers, Ltd.
P.O. Box 1117
Blue Springs, MO 64013-1117

certifies that the change in the type design for the following product with the limitations and conditions thereto as specified hereon meets the airworthiness requirements of Part 3 *Civil Air Regulations* or Part 23 of the Federal Aviation Regulations as defined by Type Certificate Data Sheet A7CE.

Original Product — Type Certificate Number: A7CE

Make: Cessna

Model: 421, 421A, 421B, and 421C

Description of Type Design Change: Installation of Total Flood Corporation fire extinguishing system in the cabin and/or a fire extinguishant system and/or detection system in the engine compartments per Total Flood Corporation Drawing List TFB10-0015 dated November 4, 1982, (June 16, 1983, for 421C) or later FAA approved revision. Flight Manual Supplement TFA09-0026-1 dated December 3, 1982, for Model 421, 421A and 421B and TFA09-0028 dated June 16, 1983, for Model 421C or later FAA approved revision must be inserted in the Airplane Flight Manual when the airplane is modified per this STC.

Limitations and Conditions:

Effectiveness of the engine compartment fire extinguishant or detection system was not evaluated. This approval should not be extended to other specific airplanes of this model on which other previously approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those previously approved modifications will introduce no adverse effect upon the airworthiness of that airplane.

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 5, 1982

Date of issuance: December 7, 1982

Date reissued: February 1, 1993

Date amended: June 16, 1983

By direction of the Administrator
Original Signed By
Ronald K. Rathgeber
(Signature)

Ronald K. Rathgeber, Acting Manager
Wichita Aircraft Certification Office
(Title)

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 in accordance with FAR 21.47.

FAA Form 8110-2 (10-68)