

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

Number SA1818CE

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 therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations, as defined by Type Certificate Data Sheet A20S0.

Original Product — Type Certificate Number: A20S0

Make: Piper

Model:

PA-31-300, PA-31-310, PA-31-325,
PA-31-350

Description of Type Design Change:

Installation of Total Flood Corporation fire extinguishing system in the cabin and/or a fire extinguishant system in the engine compartments per Total Flood Corporation Drawing List TFB10-0016 dated December 10, 1982, or later FAA Approved Revision. Flight Manual Supplement TFA09-0027 dated December 21, 1982, 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 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 other 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: December 10, 1982

Date reissued: February 1, 1993

Date of issuance: December 21, 1982

Date amended:

By direction of the Administrator



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.