



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number: ST03001AT

This certificate issued to: Advanced Aircraft Extinguishers (AAE), Ltd  
1052 S.W. Luttrell Rd., Suite C  
Blue Springs, MO 64015

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 25 of the Federal Aviation Regulations.

Original Product – Type Certificate Number: A20EU                      Make: Fokker  
Model: F.28 Mark 0100 (F100), F.28 Mark 0070

Description of Type Design Change:

Installation of an AAE, Ltd smoke detection and Halon fire suppression system into the lower baggage compartments of the aircraft to establish a Class C cargo compartment classification. The installation includes a control head installed in the aircraft cockpit for monitoring and operation of the system. This installation is in accordance with AAE, Ltd Master Drawing List, No. TFA10-0062, Rev B, dated December 29, 2004, and the AAE, Ltd Airplane Flight Manual Supplement, No. TFA09-0087, Rev IR, dated January 14, 2005, or later FAA approved revisions.

Limitations and Conditions:

This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce 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, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

Date of Application: February 24, 2004

Date Reissued:

Date of Issuance: January 14, 2005

Date Amended: July 2, 2015

By Direction of the Administrator

Signature C. D. Riddle

Title Charles D. Riddle  
Associate ACO Manager, ACE-116W  
Wichita 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).