

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

Number ST03001AT

This certificate issued to

Advanced Aircraft Extinguishers (AAE), 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 25 of the Federal Aviation Regulations.

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

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 (MDL) TFA10-0062, Revision B, dated December 29, 2004, or later FAA approved revisions.

Limitations and Conditions:

The Airplane Flight Manual Supplement (AFMS), Advanced Aircraft Extinguishers (AAE) Number TFA09-0087, Revision IR, dated January 14, 2005. The proper function of the smoke detection and Halon fire suppression system is extremely dependent upon the integrity and airworthiness condition of the cargo compartment wall, ceiling, and floor materials, and the integrity of the cargo door rigging and door seals to perform their intended function of providing a "sealed" cargo compartment. This STC contains FAA approved Documents for Continued Airworthiness instructions vital to the safe and proper function of this STC installation.

This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determine 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. 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 24, 2004

Date reissued :

Date of issuance : January 14, 2005

Date amended :



By direction of the Administrator

Melvin D. Taylor

(Signature)

for Melvin D. Taylor
Manager, ACE-115A
Atlanta Aircraft Certification Office

(Title)