



European Aviation Safety Agency

## SUPPLEMENTAL TYPE CERTIFICATE

**EASA.IM.A.S.01934**

This certificate, established in accordance with Regulations (EC) No 1592/2002 and (EC) No 1702/2003 and issued to:

**AAE Ltd.**  
1052 SW Luttrell Road, Suite C  
Blue Springs  
MISSOURI 64015  
**United States of America**

certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable type certification basis and environmental protection requirements when operated within the conditions and limitations specified below:

**Original Product Type Certificate number:** *FAA TCDS No. A20EU*

**Manufacturer:** *FOKKER SERVICES B.V.*

**Model:** *F28 Mark 0100*

**Original STC Number:** *FAA ST03001AT*

### **Description of Design Change:**

Smoke detection and Fire Suppression System for lower Deck Class C Cargo Compartments of Fokker F100 Series Aircraft



**Associated Technical Documentation:**

- TFA18-0179 Instructions for Continued Airworthiness
- TFA10-0062 Master Drawing List
- TFA18-0178 Structural Substantiation Report
- TFA18-0134 Alteration Certification Plan
- TFA18-0180 Weight Information Report
- TFA18-0183 Alteration Compliance Summary Report
- TFA18-0085 Test Report Cargo Suppression System DC9-30 Series
- TFA18-0186 Certification Testing Report
- TFA17-0077 Flight Test Plan

**Limitations and Conditions:**

1. AAE, Ltd. Document TFA09-0087, Revision IR, dated January 14, 2005 "FAA approved Airplane Flight Manual Supplement for the Class "C" Cargo Compartment Smoke Detection and Fire Suppression System on the Fokker F.28 Mark 0100 Series Aircraft"
2. This STC is approved only for the product configuration as defined in the approved design data referred to in the paragraph "Description". Compatibility with other aircraft/engine configurations shall be determined by the installer.

This certificate shall remain valid unless otherwise surrendered or revoked.

For the European Aviation Safety Agency,  
Date of Issue: 25<sup>th</sup> September 2006

**Pascal Medal**  
Certification Manager  
Large Aircraft