



European Aviation Safety Agency

## SUPPLEMENTAL TYPE CERTIFICATE

**EASA.IM.A.S.01852**

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

**MASS Systems**  
A Unit of Ameron Global, Inc.  
4601 Littlejohn Street  
Baldwin Park  
California 91706  
USA

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:** *See attached Approved Model List (AML)*

**Manufacturer:** *See attached Approved Model List (AML)*

**Model:** *See attached Approved Model List (AML)*

**Original STC Number:** *FAA STC ST00952LA*

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

Installation of MASS Systems fire extinguisher cartridges as replacement for Walter Kidde Aerospace fire extinguisher cartridge in fire extinguisher bottles



## European Aviation Safety Agency

### Associated Technical Documentation:

MASS System Hermetic Cartridges Kidde Master Drawing List No. 30980, Revision A, dated February 16, 2000, or later approved revision.

### Limitations and Conditions:

1. The approval of this change in type design applies to the airplane models noted on the attached Approved Model List (AML),
2. A copy of this STC must be included in the permanent records of the modified aircraft,
3. 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: 4<sup>th</sup> October 2006


**Christian Gunitzberger**  
Project Certification Manager

Annex: Approved Model List (AML)

APPROVED MODEL LIST  
EASA.IM.A.S.01852



ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE	TOP DRAWING		AML AMENDMENT DATE
				NUMBER	REVISION No. AND DATE	
1	Boeing	757-200 series 767-300 series	A2NM A1NM	M446189-1	Rev. A Date: 2/18/2000	<b>European Aviation Safety Agency</b>
2	Airbus	A340-211, -311	A43NM	M446201	Rev. New Date: 2/9/2000	
3	Airbus	A330-301 A340-211, -212, -311, -312	A46NM A43NM	M446203	Rev. New Date: 2/9/2000	
4	SAAB	SAAB 2000	A47NM	M446290	Rev. New Date: 2/9/2000	
5	Boeing	757-200 series 767-200, -300 series	A2NM A1NM	M262299-2	Rev. A Date: 2/18/2000	
6	Boeing	747-400 series	A20WE	M446090	Rev. New Date: 2/9/2000	
7	Boeing	737-200 series 747-400 series	A16WE A20WE	M446090-2	Rev. New Date: 2/9/2000	
8	Boeing	737-200 series 747-400 series	A16WE A20WE	M446090-3	Rev. New Date: 2/15/2000	
9	Boeing	777-200, -300 series	T00001SE	M446384-1	Rev. New Date: 2/9/2000	
10	Airbus  Boeing (McDonnell Douglas)	A300 Model B2-1A, B2-1C, B2K-3C, B4-2C, B4-103, B2-203, B4-203, B4-600 series, B4-600R series, F4-600R series A310 Model 200 series, 300 series, 325 DC-9-81 (MD-81), DC-9-82(MD-82), DC-9-83 (MD-83), DC-9-87 (MD-87), MD-88, MD-90, 717-200 DC-10-10, -10F, -30, -30F, MD-11, -11F	A35EU  A6WE  A22WE	M876296-3	Rev. A Date: 1/3/2000	May 14, 2002 May 29, 2002

11	Lockheed	L1011-385-1, -385-1-15, -385-3	A23WE	M876299-3	Rev. New Date: 2/9/2000	
12	Boeing Lockheed	767-300 series 747-400 series L-1011-385-1, -385-1-15, -385-3	A1NM A20WE A23WE	M877744-03	Rev New Date: 2/9/2000	
13	Airbus Aerospatiale	A300 Model B2-1A, B2-1C, B2K-3C, B4-2C, B4-103, B2-203, B4-203 A310 Model 200 series, 300 series, 325 ATR72-101, -102, -201, -202, -211, -212, -212A	A35EU A53EU	MA805300-12	Rev New Date: 2/9/2000	
14	Boeing	747-100, -300, 747SP, 747SR series	A20WE	MA805300-41	Rev New Date: 2/9/2000	
15	Boeing	737-200 series	A16WE	MA805300-43	Rev New Date: 2/9/2000	
16	Boeing	737-200, -300, -400, -500 series	A16WE A3WE	MA805300-44	Rev New Date: 2/9/2000	
17	Boeing	727-200 series 757-200, 200CB, -200PF, -300 series 767-300 series 737-100, -200, -300, -400, -500, -600, -700, -800 series	A3WE A2NM A1NM A16WE	M446616	Rev New Date: 2/9/00	5/7/01
18	Boeing	727-200 series 757-200, -200CB, -200PF, -300 series 767-300 series 737-100, -200, -300, -400, -500, -600, -700, -800 series	A3WE A2NM A1NM A16WE	M446617	Rev New Date: 2/9/00	5/7/01
19	Airbus	A320-221, -231	A28NM	M446158	Rev A Date: 4/25/01	4/8/02
20	Saab	SAAB 2000	A47NM	M446307	Rev A Date: 4/26/01	4/8/02
21	Bombardier Inc.	BD-700-1A10	T00003NY	M446518-1	Rev A Date: 3/8/01	4/8/02

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EASA • Postfach 101253 • 50452 Cologne • Germany

**Mass Systems Inc.**  
Mr Simon Tanner  
A Unit of Ameron Global Inc.  
4601 Littlejohn Street  
Baldwin Park  
**USA-CA 91706**

Köln, 14th November 2006  
EASA D(2006)/WSM/SFR/L23005

**Subject: Supplemental Type Certificate**  
**Attachment: STC P-EASA.IM.A.S.01852**

Dear Mr Tanner,

Please find attached the certificate for various models further to the EASA Technical investigation under the above reference number.

Should you have any further queries do not hesitate to contact [Approvals@easa.eu.int](mailto:Approvals@easa.eu.int).

Please assist us by always quoting the EASA project number: **P-EASA.IM.A.S.01852** in any correspondence with the Agency.

Yours sincerely,

*EASA Approvals Office*