



SERVICE INFORMATION LETTER 26-14

MASS SYSTEMS NO. M811456-10

SCOPE

This Service Information Letter covers the fire extinguisher P/N M811456 manufactured by MASS Systems, A Unit of Ameron Global, Inc.

TECHNICAL PROPERTIES

PROPERTY	SPECIFICATION
Internal Volume	98-cubic inches (1,6 liter)
Hydrostatic (Proof) Pressure	1000-psig (6895 kPag)
Burst Pressure	1500-psig (10343 kPag) minimum
Ambient Temperature Range	-40°F to +160°F (-40°C to +71°C)
Extinguishing Agent	Halon 1211
Weight of Charged Assembly	
Without Cartridges	7.03-pounds (3,19 kg) maximum
With Cartridges	7.34-pounds (3,33 kg) maximum
Weight Check Interval	Once a year is recommended
Pressure Check, Check Pressure Gauge	Quarterly per year is recommended
Hydrostatic Test Interval	The fire extinguisher can remain charged for 14-years, then it must be discharged and hydrostatic test performed. If the fire extinguisher is discharged or leaks down and 5-years have elapsed, hydrostatic test must be performed. If 5-years have not elapsed, hydrostatic test may be waived.
Recommendation	
<u>NOTE:</u> FAA, DOT, or local regulations may take precedent.	
Cartridge Life – Service and Storage	12-years maximum
Cartridge Classification	1.4s, UN0323



INTRODUCTION

The STC approved fire extinguisher P/N M811456 is a direct replacement for the Dexaero P/N 811456. All tubing and electrical connections to the aircraft remain the same. Mounting of the fire extinguisher P/N M811456 is identical and is a drop-in-replacement. **CAUTION: Prior to installation, verify the cartridge color coding matches the color code on the discharge valves (e.g. Red, Yellow, and Green).** The fire extinguisher is fully FAA approved and manufactured under an FAA - STC per the Federal Aviation Regulation (FAR) §21.605. This installation will be accomplished in accordance with the Dassault Falcon 20 manual 26-20-00.

DOCUMENTATION

All the fire extinguishers are supplied with FAA Form 8130-3 Airworthiness Approval Tags. Applicable Component Maintenance Manual ATA 26-22-02 and Supplement M811456.