



Emergency Fire Containment System Certifications Disclosure

The Emergency Fire Containment System has been classified by the Federal Aviation Administration as meeting the criteria to be classified as a carry on item and thus requires no additional certification at this time. Fire Containment Concepts, LLC working with an aviation certification company contacted numerous Federal Aviation Administration District offices throughout the United States eager to achieve expedited approval of the Emergency Fire Containment Systems (EFCS.) The FAA supervisors contacted reviewed the EFCS construction, components, materials, manufacturing processes, and all were in agreement. The Emergency Fire Containment System is classified as a "Carry on Item." A defibrillator, medical kit, umbrella, personal electronic device, catering, etc. all are examples of "Carry-on Items".

Note: It is the sole responsibility of each aircraft operator to contact their local aviation regulatory body to confirm EFCS classification and certification requirements. For additional assistance in any regulatory issues please contact Fire Containment Concepts for further assistance.

The following criteria was presented and approved as meeting the criteria:

- 1) The EFCS does not amend or replace any current FAA regulations for fire extinguishers installed on aircraft. All fire extinguisher regulations currently applicable for each aircraft are still valid with the installation of the EFCS.
- 2) The EFCS utilizes a DOT 4B Fire extinguisher cylinder tested and certified to all Department of Transportation requirements.
- 3) The EFCS suppression system is serviced with dry nitrogen to a pressure of 175PSI. The agent utilized in the suppression system is an aqueous referred to as" COLDFIRE." This agent was tested and listed as a Halon replacement by the FAA in 2002. This agent is listed on the Environmental Protection Agency Significant New Alternatives Policy (SNAP) Program under section 612 of the Clean Air Act as a replacement for Halon 1211 & 1301. COLDFIRE is plant and water based, environmentally friendly, non-toxic, non-corrosive, and biodegradable. COLDFIRE is protected from freezing to a temperature of -40 °F
- 4) The EFCS must be stored in a secure location for taxi, take-off, turbulence and landings.

- 5) The EFCS purchaser will be provided a FAA form 8110-3 burn certificate for the Bag itself to verify its ability to be placed in an aircraft interior for each EFCS purchased aircraft specific.
- 6) Each storage container provided to the EFCS purchaser will be issued an FAA form 8110-3 burn certificate issued to specific aircraft. The EFCS storage container may not be hard mounted to the aircraft without the issuance of a Supplemental Type Certificate. For assistance with hard mounting instructions and STC approvals, please contact Fire Containment Concepts.