



Federal Aviation Administration

National Part 139 CertAlert

****Advisory**Cautionary**Non-Directive**Advisory**Cautionary**Non-Directive**Advisory**Cautionary**Non-Directive****

Date: 8/9/2018 **No. 18-06**

To: FAA Airport Certification Safety Inspectors (ACSI), All Title 14 CFR Part 139 Airport Operators, All Aircraft Rescue and Fire Fighting (ARFF) Departments, All Fixed Based Operators (FBOs), and Fuel Training Providers

Subject: Clarification of Hands-On Fire Extinguisher Training

Point of Contact: Marc Tonnacliff, AAS-300, 202-267-8732
Email: marc.tonnacliff@faa.gov

- 1. Purpose.** This CertAlert clarifies the requirements for hands-on fire extinguisher training found in AC 150/5230-4B, *Aircraft Fuel Storage, Handling, Training, and Dispensing on Airports*.
- 2. Cancellation.** This CertAlert cancels CertAlert 18-03, *Clarification of Hands-On Fire Extinguisher Training*, dated April 5, 2018.
- 3. Background.** There is some confusion on the intent behind the language in AC 150/5230-4B about hands-on training for fire extinguishers, specifically section 4, Hand Held Fire Extinguishers. The intent is for all fueling personnel, not just the supervisor, to have hands-on fire extinguisher training every two years. It is also the intent that during this training the trainee will feel the weight associated with an extinguisher, know how it feels to discharge agent, and know how to sweep the nozzle toward a fire. However, a live fire is not required. While extinguishing a live fire does provide the best training, the FAA understands there are limitations imposed in certain localities and will accept recurrent training conducted with realistic training devices, as long as it meets all Hands on Training (HOT) provisions detailed below in item 4C.
- 4. Discussion.** All other requirements of the AC remain intact.
 - a.** All fuel servicing supervisors and line personnel must complete hand held fire extinguisher training within 60 days prior to (for supervisor's, it must be after assuming the supervisor's position) or within 60 days of completing either the supervisory or line service training if it was not provided by one of the certified fuel service training courses identified in the associated Addendum.
 - b.** A Certificate or documentation for Hands on Extinguisher Training must be issued upon completion of the hand held fire extinguisher training.
 - c.** Hands on Training (HOT) should consist of at least the following:
 1. Purpose of the fire extinguisher.
 2. How to identify the classification of extinguisher used for a liquid fuel fire.

3. Nomenclature of the fire extinguisher.
4. How to inspect of the components of the fire extinguisher for serviceability.
5. Proper storage and removal of the extinguisher from the fueling vehicle or fuel cart.
6. Demonstration of the proper use/operation of an extinguisher (PASS): Pull the safety pin, Aim nozzle at the base of the fire, Squeeze the handle from a safe distance, and Sweep the nozzle from side to side to extinguish the fire.
7. Demonstration by all course participants that they can:
 - a. Select the appropriate extinguisher based on the size and type of fire, safely carry, approach a fire, and operate a portable fire extinguisher.
 - b. Using a hand held fire extinguisher or realistic training device, discharge agent from the hand held extinguisher in a manner sufficient to extinguish the fire.
 - i. **Note:** For training purposes, a realistic training device should have the approximate weight and discharge characteristics of the actual hand-held extinguisher used in fuel servicing areas.
 - ii. **Note:** For training purpose only, the extinguisher can use water versus dry chemical.



Brian Rushforth, Manager
Airport Safety and Operations Division, AAS-300