

# **CIVILIAN AIRPORT PERSPECTIVE ECOS STEP – AFFF PANEL**

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# AGENDA

- Background and Context
- Airport Certification Requirements
- Looking forward

## WHO WE ARE: ACI – NA

➔ ACI-NA advocates policies and provides services that strengthen the ability of commercial airports to serve their passengers, customers and communities. ACI-NA professional staff in the government affairs, legal, environment, safety, security, operations and technical departments, works to ensure that legislation and regulations enacted in Washington, D.C., and Ottawa, help airports operate more safely and efficiently.

- **The voice of airports.**
- Representing North America's airports since 1948

# CONTEXT



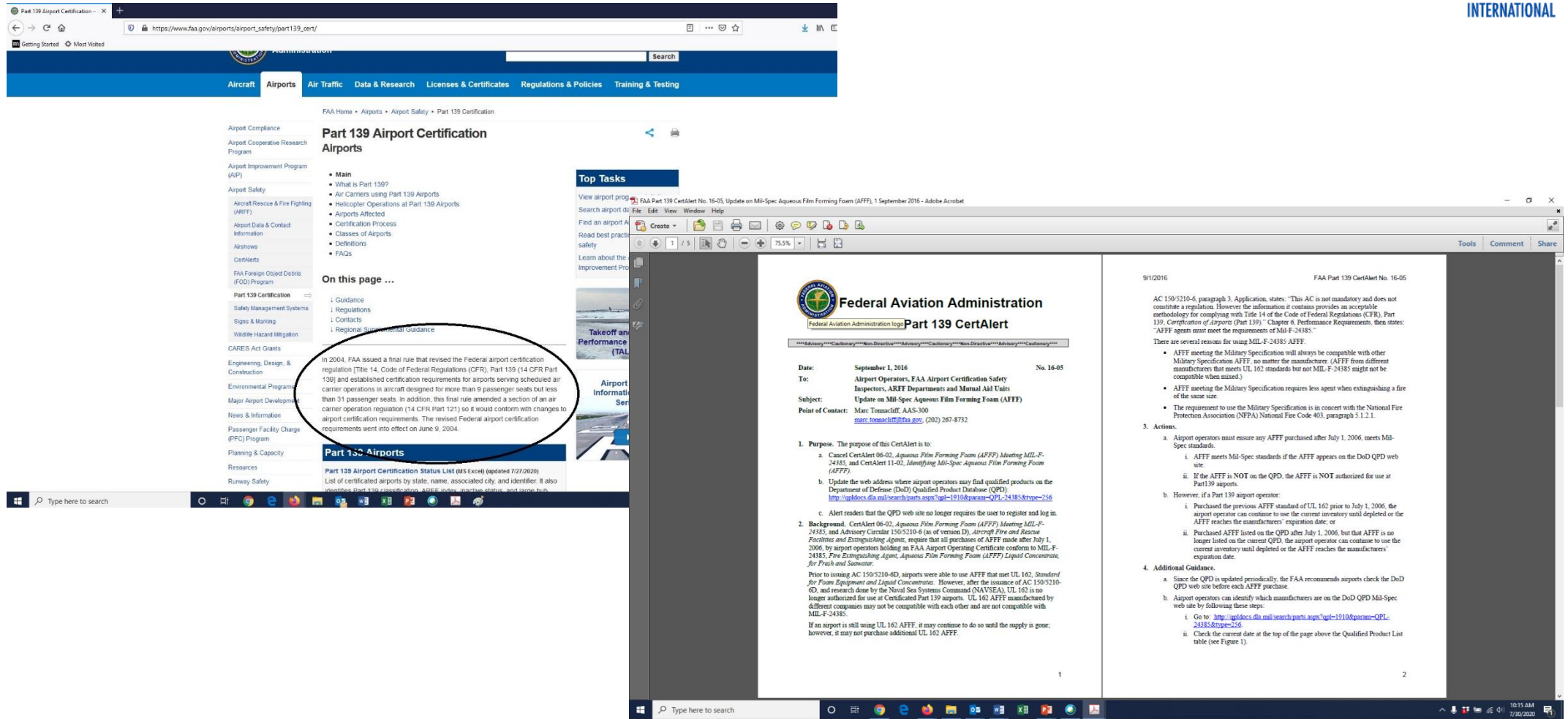
A traveler walks through PIT's Airside Center Core in July 2020. (Photo by Beth Hollerich)



*A UV scrubber at Pittsburgh International Airport. Photo: Pittsburgh International Airport*



# PART 139 CERTIFICATION REQUIREMENTS



The screenshot displays the FAA's Part 139 Airport Certification website. The main navigation bar includes links for Aircraft, Airports, Air Traffic, Data & Research, Licenses & Certificates, Regulations & Policies, and Training & Testing. The left sidebar lists various airport-related programs and resources. The main content area features a 'Part 139 Airport Certification Airports' section with a 'Main' link and a 'Part 139 CertAlert' link. A red circle highlights the 'Part 139 CertAlert' link. Below this, a 'Part 139 Airports' section provides a status list of certified airports. The right sidebar contains 'Top Tasks' and a 'Takeoff and Performance' section. The bottom of the page shows a Windows taskbar with the search bar and system clock.

**Part 139 Airport Certification Airports**

- Main
  - Virtual Part 139
  - Air Carriers using Part 139 Airports
  - Helicopter Operations at Part 139 Airports
  - Airports Affected
  - Certification Process
  - Classes of Airports
  - Definitions
  - FAQs

**On this page ...**

- Guidance
- Regulations
- Contacts
- Regional Supplemental Guidance

**Part 139 Airports**

Part 139 Airport Certification Status List (MS Excel) (updated 7/27/2020)  
List of certificated airports by state, name, associated city, and identifier. It also contains Part 139 certifications, AFFF, and inspection status, and airport type.

**Part 139 CertAlert**

**Federal Aviation Administration**  
Federal Aviation Administration logo

**Part 139 CertAlert**

**Date:** September 1, 2016 **No. 16-05**

**To:** Airport Operators, FAA Airport Certification Safety Inspectors, ARFF Departments and Mutual Aid Units

**Subject:** Update on Mil-Spec Aqueous Film Forming Foam (AFFF)

**Point of Contact:** Marc Tomachiff, AAS-300  
[marc.tomachiff@faa.gov](mailto:marc.tomachiff@faa.gov), (202) 267-8732

**1. Purpose.** The purpose of this CertAlert is to:

- Cancel CertAlert 06-02, *Aqueous Film Forming Foam (AFFF) Meeting MIL-F-24185*, and CertAlert 11-02, *Identifying Mil-Spec Aqueous Film Forming Foam (AFFF)*.
- Update the web address where airport operators may find qualified products on the Department of Defense (DoD) Qualified Product Database (QPD):  
<http://qpd.dhs.gov/milsearch/parts.aspx?qs=1910&param=QPL-24185&type=256>
- Alert readers that the QPD web site no longer requires the user to register and log in.

**2. Background.** CertAlert 06-02, *Aqueous Film Forming Foam (AFFF) Meeting MIL-F-24185*, and Advisory Circular 150/5210-4 (as of version D), *Aircraft Fire and Rescue Facilities and Extinguishing Agents*, require that all purchases of AFFF made after July 1, 2006, by airport operators holding an FAA Airport Operating Certificate conform to MIL-F-24185, *Fire Extinguishing Agent, Aqueous Film Forming Foam (AFFF) Liquid Concentrate, for Fresh and Salvator*.

Prior to issuing AC 150/5210-4D, airports were able to use AFFF that met UL 162, *Standard for Foam Equipment and Liquid Concentrate*. However, after the issuance of AC 150/5210-4D, and research done by the Naval Sea Systems Command (NAVSSEA), UL 162 is no longer authorized for use at Certificated Part 139 airports. UL 162 AFFF manufactured by different companies may not be compatible with each other and are not compatible with MIL-F-24185.

If an airport is still using UL 162 AFFF, it may continue to do so until the supply is gone; however, it may not purchase additional UL 162 AFFF.

**3. Actions.**

- Airport operators must ensure any AFFF purchased after July 1, 2006, meets Mil-Spec standards.
  - AFFF meets Mil-Spec standards if the AFFF appears on the DoD QPD web site.
  - If the AFFF is NOT on the QPD, the AFFF is NOT authorized for use at Part 139 airports.
- If a Part 139 airport operator:
  - Purchased the previous AFFF standard of UL 162 prior to July 1, 2006, the airport operator can continue to use the current inventory until depleted or the AFFF reaches the manufacturer's expiration date; or
  - Purchased AFFF listed on the QPD after July 1, 2006, but that AFFF is no longer listed on the current QPD, the airport operator can continue to use the current inventory until depleted or the AFFF reaches the manufacturer's expiration date.

**4. Additional Guidance.**

- Since the QPD is updated periodically, the FAA recommends airports check the DoD QPD web site before each AFFF purchase.
- Airport operators can identify which manufacturers are on the DoD QPD Mil-Spec web site by following these steps:
  - Go to <http://qpd.dhs.gov/milsearch/parts.aspx?qs=1910&param=QPL-24185&type=256>.
  - Check the current date at the top of the page above the Qualified Product List table (see Figure 1).

# LOOKING FORWARD

- **Current Usage**
- **Transition**
- **Remediation and Disposal**

# CONTACT



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