

Joint Environmental Affairs/OpsTech Session
FAA Regulatory Update

Moderator:

Kevin Gurchak, Director-
Environmental & Workplace
Safety, Allegheny County
Airport Authority

Speakers:

Patrick Magnotta, Assistant
Manager—Airport Planning &
Environmental Division, FAA
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Alberto Rodriguez, Airport
Certification Safety and
Compliance Specialist—
Airport Safety & Operations
Division, FAA Office of Airports



TAMPA 2019

AIRPORTS COUNCIL INTERNATIONAL - NORTH AMERICA
ANNUAL CONFERENCE AND EXHIBITION
SEPTEMBER 15 - 17, 2019

#AIRPORTS19

FAA Updates

Office of Airports

Presented to: ACI Joint Ops/Tech-Environmental Session

By: Alberto Rodriguez,
Headquarters Specialist

Date: September 15, 2019



**Federal Aviation
Administration**

Internal Guidance to Inspectors



FAA
Airports

Airport Certification Program – 14 CFR 139

Program Policy and Guidance Policy #108

Subject: Discharge of Aqueous Film Forming Foam (AFFF) at Certificated Part 139 Airports

Contact:

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Marc Tonnacliff, ARFF Specialist, Airport Safety and Operations Division

Purpose: This program guidance letter documents the procedure the Office of Airports will follow during periodic Airport Safety Inspections to ensure adequate testing of AFFF proportioning systems.



Federal Aviation
Administration

AFFF Guidance to FAA Inspectors

Summary:

- Airport Certification Safety Inspectors (ACSI) will not require the discharge of AFFF during the timed response drill.
- The certificate holder will discharge water during the response drill from all vehicles required to meet the airport's index.
- ACSIs will review the airport's testing documentation of the vehicle's AFFF proportioning system.
- If documentation is complete and successful, the ACSI will not direct the airport to retest AFFF.

AFFF Guidance to FAA Inspectors

- If the airport has not completed the AFFF testing within 6 months of the periodic inspection date, the airport is responsible for conducting either a refractometer, conductivity or input-based test prior to the conclusion of the periodic inspection.
- If the airport has a reserve or back-up vehicle that has not had an AFFF test done within 6 months of it being used, the airport should conduct either a refractometer, conductivity or input-based test prior to it being used as an index vehicle. The airport should then provide the testing results to the assigned ACSI.



Airports SMS Implementation

- **External SMS Implementation**

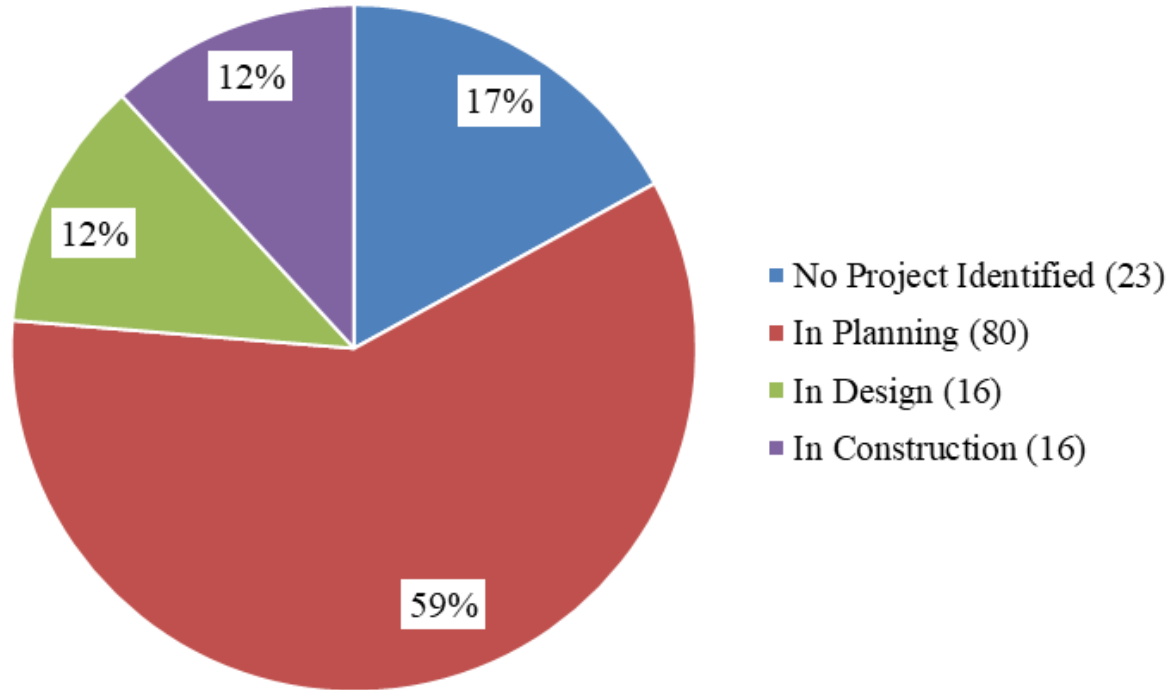
- Currently encouraging voluntary implementation
- Part 139 SMS implementation through Rulemaking (pending)
- Will apply to about 260+ airports:
 - Identified as small, medium, and large hub airports in the NPIAS
 - Identified by the U.S. Customs and Border Protection (CBP) as a port of entry airports (less GA only operations)
 - Identified as having more than 100,000 total annual operations

Runway Incursion Mitigation (RIM) Program

- **Initiated in 2015**
- **219 PTG locations identified since inception**
- **135 Active RIM Locations (as of 2018)**
- **The RIM program updates will continue:**
 - As projects proceed
 - As additional Runway Incursion data is collected.
- **Updated Locations:**
https://www.faa.gov/airports/special_programs/rim/



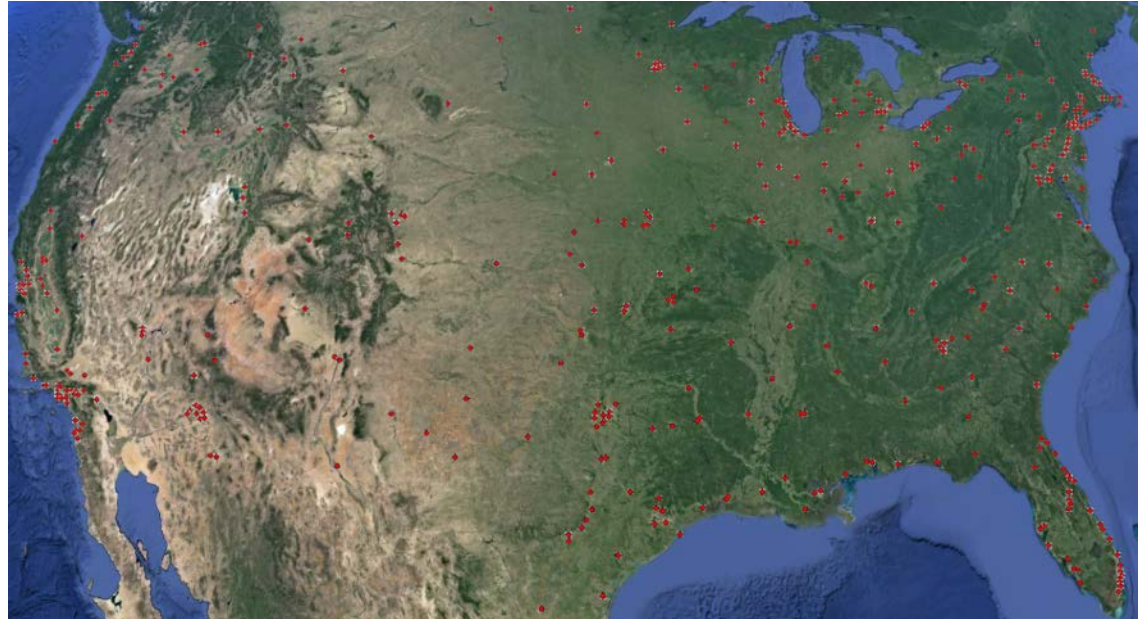
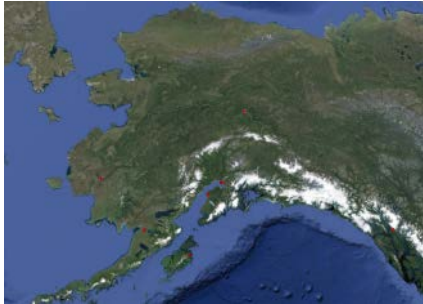
Status of Active RIM Locations



Runway Incursion Data

10,143 Runway Incursions Events Geo-referenced

- Data mining effort collected 10+ years (FY2007 - CY2018) of RI data from towered airports.
- V/PDs and PDs



Runway Incursion Mitigation (RIM)

Locations Determined by:

- 3 or more RI in a CY
- Average 1 or more RI per year over study period
- Field validation of locations, RIs, and geometry



Advisory Circulars Recently Completed (150 Series)

- **5300-16B Aeronautical Surveys (Geodetic Control)**
- **5340-1M Standards for Airport Markings**
- **5340-18F Airport Sign Systems**
- **5345-28H PAPI Systems**
- **5345-43J Obstruction Lighting**
- **5370-10H Standard Specifications for Construction on Airports**



Advisory Circulars “In The Works”

- **5300-13B Airport Design**
- **5300-14 Aircraft Deicing (SOON)**
- **5210-7 Aircraft Rescue and Fire Fighting**
- **5210-25 Runway Incursion Warning Systems**
- **5220-23B Frangible Connections**
- **5345-42J Light Can Bases**
- **5310-14 Aircraft Rescue Fire Fighting Equipment, Tools and Clothing**



Advisory Circular “In the Works”

- **AC 150/5200-33C, Hazardous Wildlife Attractants on or near Airports**
- **AC 150/5200-18D, Airport Safety Self-Inspection**
- **AC 150/5220-9A, Aircraft Arresting Systems on Civil Airports;**
- **AC 150/5210-7E, ARFF Communications**
- **AC 150/5210-19B - Driver's Enhanced Vision System (DEVS)**



QUESTIONS



Thank You!

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Office of Airport Safety & Standards



**Federal Aviation
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