

UAS Agricultural Operations

Presented to: State FIFRA Issues Research and Evaluation Group Webinar

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Overview

Operating Rules

Regulatory Relief Required

Part 137 Certification Requirements

Public Aircraft Operations

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May 15, 2018



Federal Aviation
Administration
www.faa.gov/uas

Operating Rules

- **Part 61, *Certification: Pilots, Flight Instructors, and Ground Instructors***
- **Part 91, *General Operating and Flight Rules***
- **Part 107, *Small Unmanned Aircraft Systems***
- **Part 137, *Agricultural Aircraft Operations***



Regulatory Relief Required

- **Exemptions to Parts 61 and 91 if the aircraft is 55 pounds or greater**
- **Section 333 if the aircraft does not have any other certification basis**
- **Part 107 – You will most likely need an exemption from 107.36, Carriage of Hazardous Materials**
- **Part 137 – Several sections of this part must be exempted**



Part 137 Certification Requirements

- **Certification Service Oversight Procedure (CSOP)**
- **5 Phases of the Certification Process**
 - Pre-application Phase
 - Formal Application Phase – the petition for exemption must be submitted and accepted to the Federal Register prior to beginning this phase
 - Document Compliance Phase
 - Demonstration and Inspection Phase – The exemption must be granted prior to the completion of this phase
 - Certification Phase

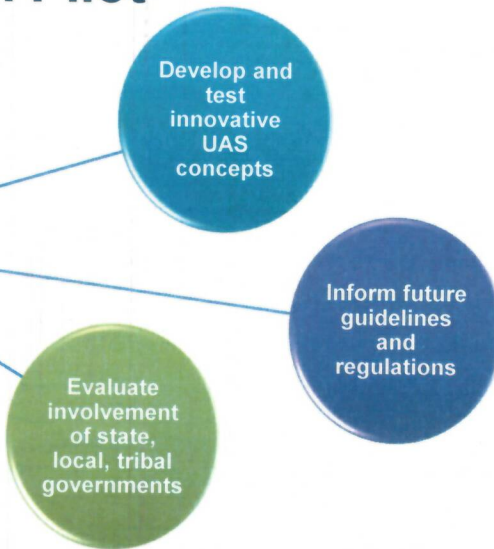


Public Aircraft Operations

- **Assuming the public safety entity meets the statutory requirements to fly under the public legal framework as a public aircraft operator, they must obtain a Certificate of Waiver/Authorization (COA) issued by the FAA to fly PAO missions.**
- **Types of COA**
 - Blanket Area Public Safety (BAPS) COA
 - Jurisdictional COA
 - Special Governmental Interest (Emergency COA)
- **A Federal, state, or local government conducting agricultural aircraft operations with public aircraft need not comply with the certification rules of part 137, but must comply with certain operating rules of subpart C of part 137.**



UAS Integration Pilot Program

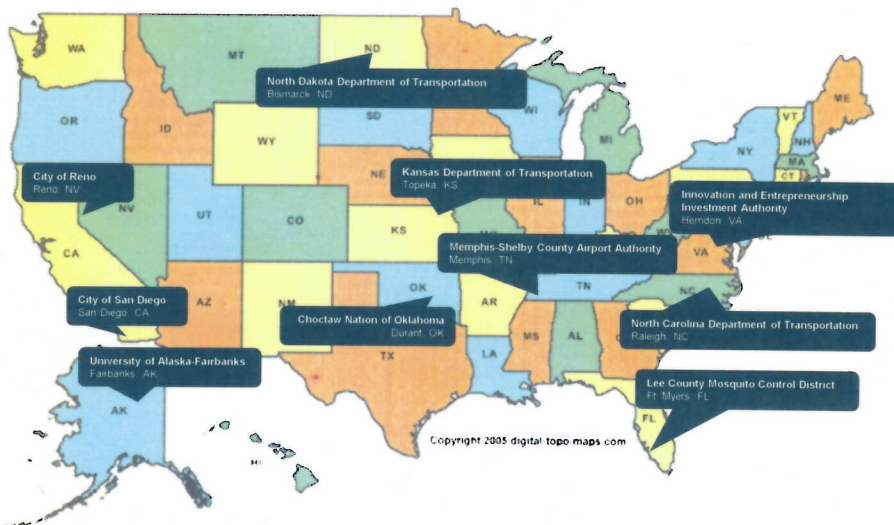


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UAS IPP Participants



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