

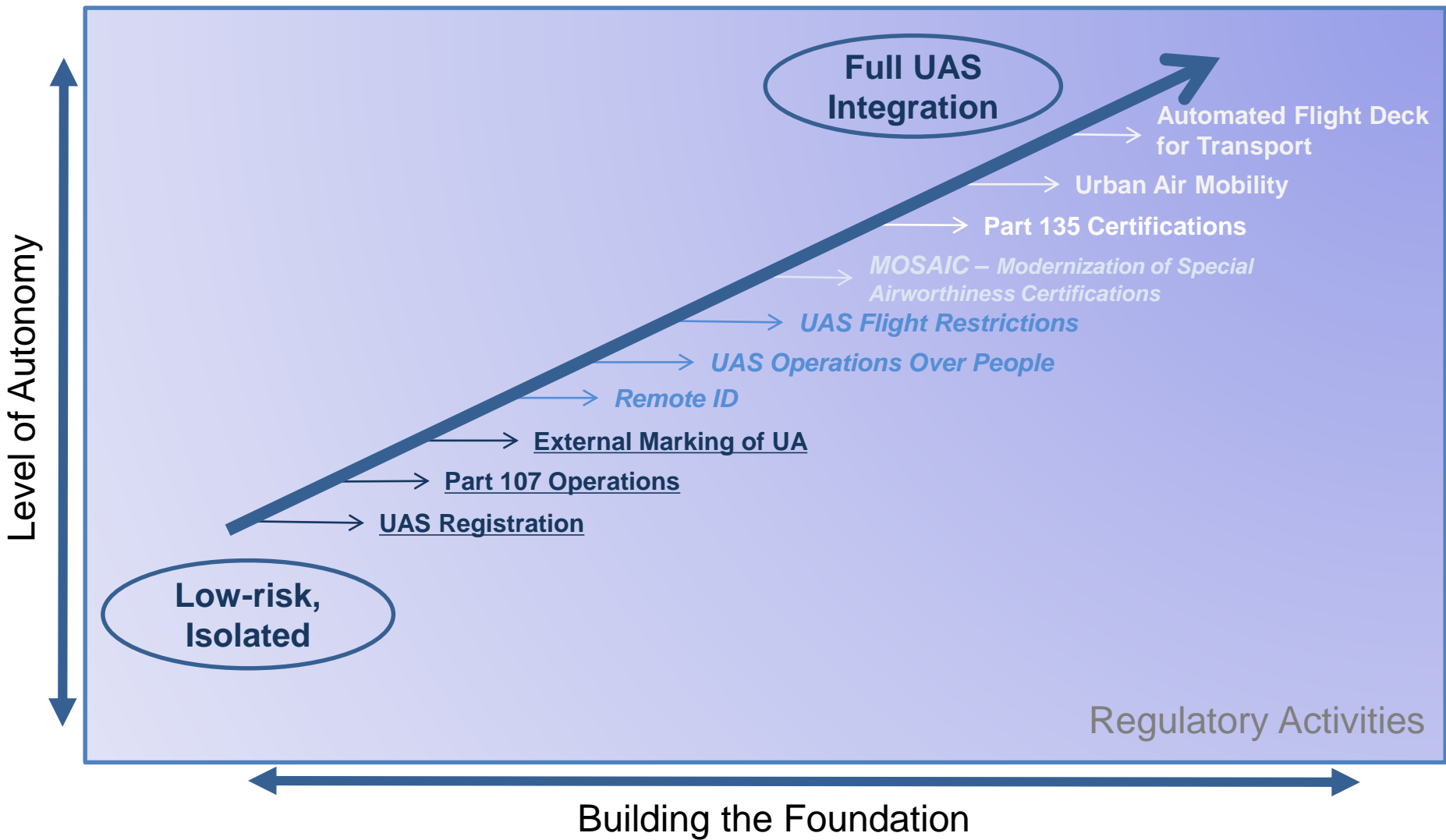
UAS-related Rulemaking and Security

Presented to: ACI-LAC

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UAS Rulemaking Strategy



UAS Rulemaking – Part 107 & Registration

- **Description:**

- The Small UAS Rule, also known as part 107, was the first UAS rule issued by the FAA on August 29, 2016.
 - It allowed routine small UAS operations (less than 55lbs/25kg) in the United States airspace.
- The FAA has released two interim final rules related to registration (part 48 of Title 14 CFR).
 - The first rule, UAS Registration, requires all UAS over 0.55 pounds to register with the FAA.
 - The second rule, External Markings for Unmanned Aircraft, requires that all registration numbers for UAS be placed on the outside of the UA.

- **Timeline:**

- Part 107 was the first step in a regulatory framework, allowing the lowest risk, least complex UAS operations.
- Both registration rules are in the process of being finalized together, although they are already in effect.

UAS Rulemaking – Remote Identification

- **Description:**

- The rule for remote identification (RID) of UAS is crucial in addressing security and law enforcement concerns regarding the further integration of UAS, while also enabling greater operational capabilities.

- **Timeline:**

- The FAA is preparing to publish the draft rule (NPRM) for comment by the end of 2019.
- The FAA will finalize Remote ID with the Operations over People rule.

UAS Rulemaking – Flight Restrictions

- **Description:**

- The draft rule for UAS Flight Restrictions near Critical Infrastructure Facilities would establish the criteria and procedures for the operator or proprietor of eligible fixed-site facilities to apply to the FAA for a UAS-specific flight restriction.

- **Timeline:**

- The FAA plans to release the draft rule for comment in Fall 2020.

Counter-UAS: The Threat

- Yemen
- Venezuela
- Gatwick
- Contraband / Prisons
- ISR
- Other



IFSEC Global



IFSEC Global

UAS Security Framework

- **New regulations through Rulemaking**
 - Remote Identification for Threat Discrimination
 - Operations Over People (OOP) and Beyond Visual Line of Sight (BVLOS)
 - Local Flight Restriction
- **Outreach, Education, and Enforcement**
- **C-UAS Implementation**

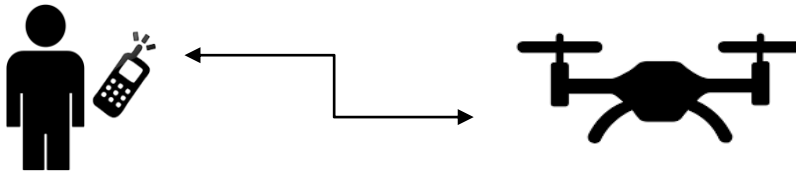


C-UAS Constraints-U.S. Code Titles 18 and 49



Aircraft Piracy

Aircraft Sabotage Act



Wiretap Act

Pen/Trap Statute

C-UAS Implementation

- **Four Agencies: DOD, DOE, DHS, & DOJ**
 - Coordination with FAA required
- **De-conflict with National Airspace System (NAS)**
 - Ongoing efforts

