Risk Mitigation at Airports

Day, Date | Start Time – End Time (e.g. 9:00 a.m. – 10:30 p.m.)

PRESENTED BY:
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Proliferation = Increased Safety Concerns

- Drone sales are expected to reach 7 million in 2020
  - More than double the 2.5 million the agency anticipates this year
- 406,000 people registered drones in the FAA database
  - 320,000 piloted aircraft registrations
- Nearly 600 flew too close to airports and airplanes from August 2015 – January 2016, according to FAA
  - 764 reported for previous six months
  - Nearly 60% within 5 miles of airport
  - 92% above 400’

Sources: FAA
Airport Role – Perception vs. Reality

- Airport Directors required to protect airspace surrounding airports
  - Federal Grant Assurances
  - State Regulations
- Airport users expect level of safety when approaching airport
- FAA expects airport operator to coordinate UAS activity
- Community perceives role of Airport Director as having authority as well as responsibility
- FAA is now warning airports from entering into individual UAS detection and counter measures agreements

Sources: FAA
Education + Enforcement

- Hobbyists v. Commercial Operators
- Liability to airport operators
  - Do we approve?
  - Can we say no?
- "Know Before You Fly"
- Local education efforts
  - General public
  - UAS community
- Cooperation with UAS community
- Coordination with ATCT and enforcement
Technology is the Key

• Question is how to safely integrate UAS into the NAS
• Airports feel left out of process
• Looking for technology solutions
  – To provide real-time detection, tracking, counter measures
  – Simplify reporting by UAS community
• Expansion of FAA Pathfinder program to include operations in proximity to airports

Sources: enter sources here