**Session 1: Key Takeaways**

**Biggest Challenges:**

- Lack of policies and procedures in place
- Lack of federal laws/legislation – laws/legislation has not caught up with technology
- Lack of collaboration between parties (venue, law enforcement, FAA, etc.)
- Little to no training is available
- No communication in planning
- Most currently do not have access to detection and mitigation technology
- Issues getting messages and policies/procedures out to private pilots

**Best Practices:**

- Increase communication between parties (including private pilots)
- Engage stakeholders
- Increase resources available for venues of all sizes
- Improve planning (possibly include generic templates or examples of successful plans being utilized)
- Improve training programs for all staff (front line all the way to the top) – include exercises/drills
- Consult legal departments for assistance with policies and procedures
- Allow areas to fly- don’t always say no to private pilots and recreationalists
- Create standards in reporting incidents (similar to Clery Act)
- Create standards in public messaging concerning UAV’s
  - Billboards
  - Social media
  - PA system
  - LEO/Security
  - Fans “opt-in” for messaging for that day

**How can NCS4 help?**

- Provide networking groups to discuss gaps and share information
- Identify Best Practices
- Identify SME’s in the field
- Host an annual forum to bring stakeholders together
- Provide assistance, guidance, and/or resources on how to access grant money
Session 2: The Way Forward: What Can NCS4 Do?

FAA Policies and Procedures:
- Recognize and become familiar with the law enforcement arm of the FAA and the resources available through them
- Get to know your FAA representatives and build a relationship with them prior to an incident occurring
- Make sure that you have clean policies in place that align with the FAA’s polices and procedures

Innovations that Improve Technology:
- Include technology with multiple types of sensors
- Recognize and address Title 18 challenges
- Network with other facilities and venues

Best Practices and Operational Safety:
- Communication with local FAA representative and their office
- Access and become familiar with the FAA and DHS website for resources
- Develop and maintain a relationship with law enforcement at the local, state, and federal levels

Detection and Elimination:
- Know and understand the legal restrictions associated with UAV detection and elimination
- Track incidents that occur to compile a database in order to share case studies
  - Report these incidents to the FAA...“report it or it didn’t happen”
- NCS4 assist with advocating for increased legislation
- Work with the FAA to determine what is considered a protected infrastructure (aka: No Drone Zone)
- Task the FAA to determine what is critical and what is not: FAA has separate criteria for critical infrastructure

Anticipated Outcomes:
- Research Topics
  - When I operate a drone, am I in accordance with the law?
  - How to prevent unwanted drones:
    - FAA cannot be the enforcer
    - Drones can be a threat to those in our care (spectators, fans, etc.)
    - Utilize the Student Code of Conduct as a deterrent when the law is too lax
- Create a space to capture what we know and share
• Join forces and lobby for increased legislation
  o Apply pressure to make changes

Enhancing Research Platform:
• Create a single repository for policies (templates)
• Create a relatively simple training program for front line staff (perhaps a video)
• Improve messaging tactics:
  o Include rules/policies on the backs of the tickets
  o Social media
  o Increased signage - plaster signs everywhere
• Keep language from being drone specific....use terms like “trespassing” and “unauthorized entry”
• Rely on traditional law...it’s not about the “tool”, it’s about the act
• Have conference (SEC, Big 10, Conference USA, etc.) get together as a collective group and make consistent rules for all campuses, venues, etc.
  o NCS4 should be included in these meetings to bring the Best Practices and share what is being done across the country
• Increased training opportunities for front line staff
  o Examples of types of drones
  o What to do if you see a drone in the area
• NCS4 Lab should work to vet different UAV technologies
  o Demonstrations
    ▪ Put in urban environments for more realistic situations
  o Vet 107 operators
    ▪ Look for certificates, logs, insurance, etc.