Idaho Unmanned Aerial Systems (UAS) Situational Awareness Workshop

June 5, 2019 - The Riverside Hotel
Boise, Idaho

8:00 am Registration, Vendor Displays, and Networking

9:00 am Welcome, Administrative Announcements, and Introductions
Brandon Hardenbrook, Chief Operating Officer, Pacific Northwest Economic Region

9:15 am The Objectives and Goals of Today's Symposium
- Scott Stokes, Chief Deputy Director, ID Transportation Department
- Brad Richy, Director, ID Office of Emergency Management

9:30 am Public Sector UAS Operational Concepts and Uses
Moderator: Ross Engle- ID Transportation Department, Aeronautics, Flight Operations Director
- David Barker- ID Public Safety UAS Council, Idaho Falls Police Department
- Ed Gygli- ID State Police Fusion Center, ID Criminal Intelligence Center
- Mark Bathrick- US Department of Interior

10:15 am Private Sector UAS Operational Concepts and Uses
Moderator: Douglas Spotted Eagle, Sundance Media Group
- Matthew Harris- Idaho Power, IT Business System Development Leader
- Dan Milovanovic- Union Pacific Rail, Senior Special Agent Hazmat– Portland Division, Union Pacific Railroad Police Department

10:45 am Break and Networking

11:00 am Current Federal Regulatory Overview and Updates on Future Possibilities of Drone/UAS Policy. Idaho-specific regulations: Idaho Code 21-213 and Needs for Improvements. County and local examples. UAS public safety guidelines in disaster areas: Who and how are authorizations granted to enter restricted areas to fly? Who coordinates information about and permissions for UAS use in a restricted area?
Moderators: Ross Engle and Neal Murphy, Emergency Management Planner, Idaho Transportation Department
- Ken Kelley- FAA, Airworthiness FPM/POC and UAS Educational Outreach
- Bryan Norton- City of Boise Attorney on state and local regulations
- Chris Corwin- Blaine County Disaster Services Coordinator

12:00 pm Break and pick up boxed lunches

12:15 pm Keynote Speaker: Robert Blair, Three Canyon Consulting
Overview of how UAS technology and privacy issues have developed, the intersections of public and private sector needs and uses, and futurist perspectives for UAS opportunities.

1:15 pm Concept of Operations (CONOPS) and Common Operating Procedures: Discussion on current process to access a disaster zone to assess damage using UAVs. Identifying Gaps and Challenges.
Discussion facilitators: Brad Richy (IOEM), David Barker (Idaho Public Safety UAS Council), Brandon Hardenbrook (Pacific NorthWest Economic Region)

1:45 pm Discussion on Systems for facilitating information recording, storage and sharing of damage inspection information.
- How is information on the status of infrastructure shared today?
- What forms of common operational picture exist today for public and private sectors?
- What information is needed, and in what format/detail?
- Other issues to consider: (privacy issues, resources for organizations, cooperative training programs for sharing agencies' units, etc.)

2:15 pm Next Steps and Timeline: Neal Murphy (ITD) & Brad Richy (IOEM)
Developing a Statewide User's Group – opportunities to network and share information
Please complete the online database survey to correct and better understand participant's available levels of services, expertise and available equipment and capabilities.
Suggestions from the audience for future collaborative processes, best practices and expertise sharing

3:00-5:00 pm UAS Demonstrations at Quinn's Pond parking lot. We will walk 10 minutes from the hotel north of the Boise River. Please bring your own rain gear in case of wet weather.
- Sundance Media Group - Douglas Spotted Eagle
Aerial Vehicle Operation Center A.V.O.C.
- Rapid Aerial LLC and Empire Unmanned - Matt Roderick
- RapidXC – Quito Saez, Brody Escalera of RapidXC, and Charles McNeel, Department of Defense and Idaho State University.