



ANSI Unmanned Aircraft Systems Standardization Collaborative (UASSC)
Working Group (WG) Architecture
 (Updated 5/14/18)

The UASSC has established working groups (WGs) to do a standards gap analysis. The WGs are holding virtual (online) meetings twice a month. Participation in the UASSC is open to UAS stakeholders that have operations in the United States. Participants may sign up for one or more WGs using the sign-up sheet.

Working Group	Topics for Discussion	
<p>WG1 - Airworthiness</p> <p>Co-Chairs:</p> <ul style="list-style-type: none"> Phil Kenul, SVP Aviation and Operations, TriVector Services, Inc. Mark DeAngelo, Aerospace Standards Engineer, SAE International <p>Recurring Call Schedule: 1st & 3rd Monday of every month, 2:00pm-3:30pm Eastern (next call Tuesday, May 29, 12noon-1:00pm Eastern, then June 18, 2:00pm-3:30pm)</p>	General Design, Construction, and Performance Compliance/Certification Quality Assurance Avionics Electrical Systems Propulsion Systems Hazard Mitigation Systems Safety Management Systems	Navigational Systems Detect and Avoid Systems Joint Architecture for Unmanned Systems Unmanned Systems Control Segment Architecture Command and Control Link Software Dependability Maintenance
<p>WG2 - Flight Operations and Personnel Qualifications</p> <p>Co-Chairs:</p> <ul style="list-style-type: none"> Joe Valasquez, Founder and Chief Flight Engineer, DroneScape, LLC Jon Gustafson, Consultant, Civil Integrated Management Advisory Services, U.S., WSP USA <p>Recurring Call Schedule: 2nd & 4th Thursday of every month, 12:30-2:00pm Eastern (next call May 24)</p>	Flight Ops (General) Launch and Recovery Sites Weather VLOS/EVLOS/BVLOS Night Operations Operational Risk Assessment Operation Over People Data Imaging Data Handling and Processing UAS Traffic Management	Personnel Training, Qualifications and Certification Terminology (excluding Application Specific Requirements) Manuals Pilots/Visual Observers/Instructors Maintenance Technicians Compliance/Audit Programs
<p>WG3 - Critical Infrastructure and Environment</p> <p>Co-Chairs:</p> <ul style="list-style-type: none"> Brian Daly, Director – Core & Government/Regulatory Standards, AT&T Ed Hine, Vice President, Business Development and Marketing, HAZON Solutions <p>Recurring Call Schedule: 2nd & 4th Tuesday of every month, 1:00-2:30pm Eastern (next call May 22)</p>	Flight Ops (Infrastructure Inspections and Services) Vertical Infrastructure (Cranes, Buildings, Cell Towers, Flare Stacks) Linear Infrastructure (Bridges, Road/Rail, Power Transmission Lines, Pipelines) Wide Area Environment Infrastructure (Water	Supply/Reservoirs, Oil Spills, Wildlife, Climate Change) Border/Port Security Agriculture (Pesticide/Herbicide Application, Livestock Monitoring) Insurance Appraisals Commercial Package Delivery Services
<p>WG4 - Emergency and Medical Response</p> <p>Co-Chairs:</p> <ul style="list-style-type: none"> Christine DeJong, Director of Business Development, ASTM International Kristy Kiernan, Asst. Prof., Program Chair MS in Unmanned Systems, Embry-Riddle Aeronautical University <p>Recurring Call Schedule: 2nd & 4th Wednesday of every month, 11:00am-12:30pm Eastern (next call May 23)</p>	Flight Ops (Public Safety) General Traffic Accident Reconstruction/Mapping Search and Rescue including Lost Persons Response Robots Structural Fire Response Wildfire Response Payload Delivery including Medical Supplies/Services News Gathering	