



**ANSI Unmanned Aircraft Systems Standardization Collaborative (UASSC)
Working Group (WG) Architecture (Updated 11/19/18)**

The UASSC has established working groups (WGs) to develop the standardization roadmap. The WGs are holding virtual (online) meetings as noted below. 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, Senior Vice President, Aviation and Operations, TriVector Services, Inc. Mark DeAngelo, Aerospace Standards Engineer, SAE International <p>Next Call: No more scheduled at this time</p>	Design & Construction Safety Quality Assurance/Quality Control Avionics and Subsystems Command and Control Link Navigational Systems Detect and Avoid Systems Software Dependability and Approval Crash Protected Airborne Recorder Systems Cybersecurity	Electrical Systems Power Sources and Propulsion Systems Noise, Emissions, and Fuel Venting Mitigation Systems for Various Hazards Parachutes for sUAS Maintenance and Inspection New Area: Enterprise Operations: Level of Automation/Autonomy/Artificial Intelligence (AI)
<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>Next Call: No more scheduled at this time</p>	Privacy Operational Risk Assessment Beyond/Extended VLOS Operations Over People Weather Data Handling & Processing UAS Traffic Management Remote ID & Tracking Geo-fencing	Terminology Manuals UAS Flight Crew Additional Crew Members Maintenance Technicians Compliance/Audit Programs Human Factors in UAS Operations
<p>WG3 - Critical Infrastructure and Environment</p> <p>Co-Chairs:</p> <ul style="list-style-type: none"> Brian Daly, Assistant Vice President – Standards & Industry Alliances, AT&T Philip Hall, Founding Director & CEO, RelmaTech Ltd (UK) <p>Next Call: No more scheduled at this time</p>	Vertical Infrastructure Inspections: Boilers & Pressure Vessels, Cranes, Building Facades, Low-Rise Residential & Commercial Buildings, Communications Towers Linear Infrastructure Inspections: Bridges, Railroads, Power Transmission Lines	Wide Area Environment Infrastructure Inspections/ Precision Agriculture: Environmental Monitoring, Pesticide Application, Livestock Monitoring & Pasture Management Commercial Package Delivery New Area: Occupational Safety Requirements for UAS Operated in Workplace
<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 Univ. <p>Next Call: No more scheduled at this time</p>	sUAS for Public Safety Operations Hazardous Materials Incident Response and Transport New Area: Transport and Post-Crash Procedures Involving Biohazards Forensic Investigations Photogrammetry UAS Payloads Interface and Control for Public Safety Operations	Search and Rescue sUAS FLIR Camera Sensor Capabilities sUAS Automated Waypoint Missions Response Robots Law Enforcement Tactical Operations Counter UAS