



**ANSI Unmanned Aircraft Systems Standardization Collaborative (UASSC)**  
**Working Group (WG) Architecture**  
 (Updated 8/16/18)

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><b>WG1 - Airworthiness</b></p> <p><b>Co-Chairs:</b></p> <ul style="list-style-type: none"> <li>Phil Kenul, Senior Vice President, Aviation and Operations, TriVector Services, Inc.</li> <li>Mark DeAngelo, Aerospace Standards Engineer, SAE International</li> </ul> <p><b>Recurring Call Schedule:</b> 1<sup>st</sup> &amp; 3<sup>rd</sup> Monday of every month, 3:00pm-4:30pm Eastern (next call Monday, August 20)</p>	Design and Construction Safety Compliance/Certification Quality Assurance Avionics and Subsystems Command, Control, and Communication Link Navigational Systems Detect and Avoid Systems Software Approval	Crash Protected Airborne Recorder Systems Cybersecurity Electrical Systems Power Source/Propulsion Systems Safety Management Systems Specific Hazard Mitigation Systems Maintenance
<p><b>WG2 - Flight Operations and Personnel Qualifications</b></p> <p><b>Co-Chairs:</b></p> <ul style="list-style-type: none"> <li>Joe Valasquez, Founder and Chief Flight Engineer, DroneScape, LLC</li> <li>Jon Gustafson, Consultant, Civil Integrated Management Advisory Services, U.S., WSP USA</li> </ul> <p><b>Recurring Call Schedule:</b> 2<sup>nd</sup> &amp; 4<sup>th</sup> Thursday of every month, 12:30pm-2:00pm Eastern (next call Thursday, August 23)</p>	Flight Ops (General) Privacy Operational Risk Assessment EVLOS/BVLOS Operations Over People Weather Launch and Recovery Sites Data Handling and Processing UAS Traffic Management Remote ID & Tracking	Geo-fencing Personnel Training, Qualifications and Certification Terminology Manuals UAS Flight Crew Additional Crew Members Maintenance Technicians Compliance/Audit Programs
<p><b>WG3 - Critical Infrastructure and Environment</b></p> <p><b>Co-Chairs:</b></p> <ul style="list-style-type: none"> <li>Brian Daly, Assistant Vice President – Standards &amp; Industry Alliances, AT&amp;T</li> <li>Philip Hall, Founding Director &amp; CEO, RelmaTech Ltd (UK)</li> </ul> <p><b>Recurring Call Schedule:</b> 2<sup>nd</sup> &amp; 4<sup>th</sup> Tuesday of every month, 1:00pm-2:30pm Eastern (next call Tuesday, August 28)</p>	Flight Ops (Infrastructure Inspections and Services) Vertical Infrastructure (Boilers & Pressure Vessels, Cranes, Bldg. Facades, Low-Rise Residential & Commercial Bldgs, Communications Towers) Linear Infrastructure (Bridges, Railroads, Power Transmission Lines)	Wide Area Environment Infrastructure (Water Resource Management, Wildlife, Environmental Monitoring) Agriculture (Pesticide/Herbicide Application, Livestock Monitoring) Commercial Package Delivery Services
<p><b>WG4 - Emergency and Medical Response</b></p> <p><b>Co-Chairs:</b></p> <ul style="list-style-type: none"> <li>Christine DeJong, Director of Business Development, ASTM International</li> <li>Kristy Kiernan, Asst. Prof., Program Chair MS in Unmanned Systems, Embry-Riddle Aeronautical Univ.</li> </ul> <p><b>Recurring Call Schedule:</b> 2<sup>nd</sup> &amp; 4<sup>th</sup> Wednesday of every month, 11:00am-12:30pm Eastern (next call Wednesday, August 22)</p>	Flight Ops (Public Safety) General sUAS for Public Safety Hazardous Materials Incident Response and Transport Tactical Operations Forensic Investigations Photogrammetry	UAS Payloads (Public Service Ops) Search and Rescue Response Robots Structural Fire Response (Pilot Operating Area, Tethered Drone) Wildfire Response Security Concerns (CounterUAS)