

## **Q&A**

### **Micro UAS ARC**

#### **Q. What are the ARC's tasks?**

A. The ARC will recommend performance standards and requirements for certain UAS that are operated over people who are not directly participating in the operation of the UAS or under a covered structure.

- Develop recommendations for a performance-based standard for the classification of micro UAS. The ARC should consider, at a minimum, current and past research on human injury thresholds, hazard and risk assessment methodologies, and acceptable levels of risk to persons not directly participating in the operation.
- Identify means-of-compliance for manufacturers to show that unmanned aircraft meet the performance-based safety requirement. The ARC should evaluate the use of consensus standards as a means of compliance, developing standardized test methods, and other means to demonstrate compliance with the standard. The ARC should also consider and recommend how the FAA and manufacturers should determine compliance with the performance-based standard.
- Recommend operational requirements for micro UAS appropriate to the recommended performance-based safety requirement.

#### **Q. Why “certain” UAS and not very small or “micro” UAS? What about weight?**

A. The FAA contemplated a “micro” classification of small UAS in the Notice of Proposed Rulemaking for small UAS, which was published on February 23, 2015. As discussed in the NPRM, a small UAS would be defined as a micro UAS if it weighed no more than 4.4 pounds (2 kilograms) and was constructed of frangible materials “that break, distort, or yield on impact so as to present a minimal hazard to any person or object.” With additional operating restrictions, an operator of a micro UAS would be able to conduct flights over “any person.” The FAA invited “commenters to submit data and any other supporting documentation on whether the micro UAS classification should be included in the final rule.” After reviewing comments, the FAA has decided not to proceed with a micro UAS classification in the small UAS rule, and has determined that further engagement with industry and stakeholders is needed before conducting rulemaking to address the regulatory framework for micro UAS.

#### **Q. Who will be on the committee?**

A. The micro UAS ARC will consist of members of the aviation community and industry member organizations, manufacturers, researchers, and standards bodies who have a vested interest in micro UAS. FAA and other Agency subject matter experts may be requested to participate and provide technical support to micro UAS ARC members.

#### **Q. Are the meetings open to the public?**

A. No, the meetings are not open to the public.

#### **What is the deadline?**

A. The committee will send a report to the FAA Administrator on April 1, 2016.

Q.