Fly Drones in Tests and Scorable Scenarios for standard lest Methods for Small Unmanned Aircraft Systems ASTM International Standards Committee on Homeland Security Applications; Open, Obstructed, and Confined Environments of the Standard Science of Homeland Security Applications; Open, Obstructed, and Confined Environments of the Standard Science of Homeland Security Applications;

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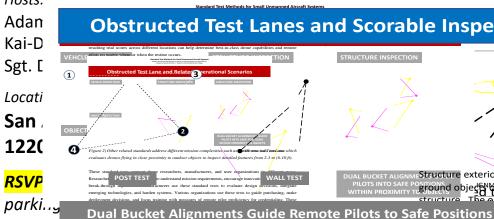
Test Methods for Small

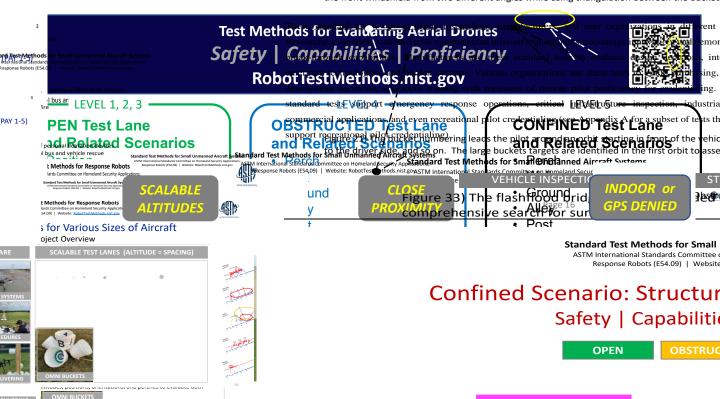
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esponse Robots (E54.09) | Website: RobotTestMethods.nist.gov



- Day and night familiarization flight demonstrations.
- Open to regional responders and the public.
- Everybody can watch and learn about thendered. Test Methods for
- FAA Part 107 license receipting the provide the standard set of the stand
- Food served intestingsetnetion tasks using the small buckets in confined search spaces. CENT resulting applaraouse successive Worthal adjamenter AKOPTIC Three apparatuses require kopizabilities alignmenter Hosts: pilots no finally where Sitistic adjusting a with so of an object of interest





Users of aerial drones weighing less than 25 kg (55 lbs) at takeoff, also known as small unmanned aircraft systems (sUAS) or remotely piloted aircraft systems (RPAS), need ways to measure whether a particular drone can perform specific missions in unstructured, complex, and often hazardous environments. These missions require various combinations of elemental capabilities. Each capability can be represented as a test method with an associated apparatus and procedure enabling repeatable of and reproducible measures performance with objective results. These test methods can be conducted individually or in operationally relevant sequences and combinations to evaluate drone capabilities and remote pilot proficiency. The results measure the reliability of the drone and remote pilot to perform the essential mission tasks. A series of complementary test lanes enable users to evaluate a wide spectrum of missions. This intended event will include familiarization flights with test methods and scorable scenarios developed for Open, Obstructed, and Confined environments. Bring a drone if you want to fly, or just come watch. The event is open to regional emergency responders and the public



Levels of Evaluation For Different Missions

