

**REQUEST FOR EXPEDITED CONSIDERATION BY MARCH 9, 2018
AND AMENDMENT TO STOP BUZZER**

Pending before the Commission is the Experimental License Application, 0955-EX-CN-2017, submitted by AeroVironment, Inc. on December 22, 2017. In this supplemental document, AeroVironment requests that the Commission expedite consideration of the application. We ask that review be completed by March 9, 2018.

AeroVironment also requests that a new individual be substituted as the “Stop Buzzer.”

Expedited Consideration

In collaboration with the United States Air Force (USAF), AeroVironment proposes to test the integration of its Unmanned Aircraft System (UAS) with acoustic sensors using Passive Acoustic Non-Cooperative Collision-Alert System (PANCAS) technology. PANCAS is proprietary technology comprised of lightweight acoustic probes, a digital-signal processor, and windscreen technology and mounts that remove wind noise and platform vibration. The digital signal processor will perform acoustic filtering and detection. It interfaces with the UAS flight control system to gather GPS location and aircraft attitude data.

Site surveys are complete and USAF permission has been secured to access the specific test sites proposed at Edwards Air Force Base in Kern County, CA. The clearance entails commencing the initial tests on March 16, 2018. As personnel and equipment must travel to Edwards AFB, AeroVironment requests that the Commission’s consideration of the pending application be concluded by March 9, 2018 so that the necessary logistic and other efforts can be fulfilled effectively.

For these reasons, AV requests that the Commission expedite its consideration of Application 0955-EX-CN-2017 so that a decision can be made by March 9, 2018. Commencement of the testing as planned is in the public interest. Delay in the institution of the tests will prejudice and disrupt UAS operations supporting the US military and other government agencies.

Stop Buzzer

AeroVironment requests that Earl Cox, Senior Engineer, AeroVironment, Office: +1 (805) 581-2187 x1531, and Mobile +1 (805) 813-7515, be substituted as the individual designated as a “stop buzzer” if any matters involving interference arise during the testing.

AeroVironment appreciates very much the Commission’s consideration of this request.