



Mr. James “Jimmy” Allen

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Mr. James “Jimmy” Allen is the Deputy Assistant Secretary of War for Science and Technology Futures in the Office of the Under Secretary of War for Research and Engineering, where he oversees research and development across the Department’s emerging technology portfolios, including scaled hypersonics, biomanufacturing, counter-unmanned systems, positioning/navigation/timing, future-generation wireless, munitions, human systems, and nuclear delivery systems technologies. He also oversees S&T programs to foster the producibility of emerging technologies through investments in advanced materials, manufacturing technology, sustainment, and technology transfer.

Mr. Allen brings over 40 years of industry experience to the Department. In his most recent position as the chief technology officer of Applied Technology Solutions in Huntsville, Alabama, he steered multiple programs in the missile, space, and sensor domains, while serving on several small business boards. He is one of the nation’s leading subject matter experts in affordable hypersonic subsystems including thermal management systems, avionics, flight control systems and advanced materials. His background includes managing the thermal protection system design, test, build and integration of the Army’s Hypersonic Weapon (AHW); multistatic radar analysis and design; hypervelocity impact material phenomenology and analysis; microfabrication of MEM’s, MOEMS and microfluidic devices; specialized sensors including a laser absorption spectrometer for NASA manned space flight use on Orion; and various technology development and strategic planning groups.