RANDALL L. OLSON

Mr. Olson has broad experience in simulation and modeling of many aircraft and missile systems. He is currently the Principal Investigator on SBIR N07-034, *Military Training Systems Acceptance Test & Evaluation* which is supporting F-35 simulator testing. He also led VSAT's analysis of problems with the C-17 Weapons System Trainer Control Loading System for the Training Systems Product Group and was a major contributor on the VSAT's support of the COBRA force-cueing seat development.

He is a recognized leader in the definition, acquisition and fielding of low-cost, part-task trainers, Distributed Mission Operations, and the military use of commercial simulation services. He has extensive experience in modeling the F-15, F-16, A-10, ALCM, Trident and Poseidon aerodynamics and flight control systems. He has also led or supervised development of aircrew trainers for the F-15C, F-15E, F-16 B-1, B-2, Joint Strike Fighter (F-35), and Predator.

Mr. Olson was Chief Systems Engineer for Air Combat Command and Foreign Military Sales Division Training System Product Group. His duties included Supervision of 16 engineers and configuration management personnel and technical management of twelve aircrew and maintenance trainer programs. He was responsible for definition of standards among programs and Integrated Product Team leadership. His technical work included modeling and simulation of all aircraft systems, weapons systems and modeling & standardization of threat environments.

He was Program Office engineering interface to the AF Human Resources Laboratory on the Trainer Interim Government Solution program, an interim low-cost solution for Distributed Mission Operations. While primarily oriented toward the F-16, this program also included the Joint Strike Fighter, F-15 (C/E/Saudi), A-10 ,B-1, B-2, and Predator. Mr. Olson was also the technical lead for incorporation of all Air Combat Command trainers into Distributed Mission Operations and he served as a member of team re-competing the entire F-15E training program, including all aircrew and maintenance training.

Mr. Olson holds both a Bachelor and Master of Science in Aerospace Engineering from Iowa State University. He has also completed extensive graduate work in computer engineering at the Air Force Institute of Technology.