

RICHARD J. HEINTZMAN

Mr. Heintzman, VSAT founder and President, has extensive experience in the development of flight simulators and other training devices, in both Government and industry. He manages all aspects of VSAT's technical, business, and personnel activities.

Mr. Heintzman has directed efforts to develop methods for determining simulation fidelity requirements for combat simulation using engineering principles and operational crew expertise. He has directed the development of a systems engineering approach to defining simulator/trainer technical performance requirements based on training task needs. Mr. Heintzman is currently working with his Staff in conducting research and developing programs which apply military training methods to private sector training applications.

Prior to the formation of VSAT, he was Engineering Manager, Dayton Analysis Group, SIMTEC Inc. This group was responsible for conducting various analyses relating to military aircrew training devices. Typical programs included development of methods of determining force simulation requirements for combat aircraft simulators, analyses to determine Distributed Mission Training System requirements for USAF, and analysis to determine training system requirements for the conventional-mission B-1. He has consulted for various US companies and the Swedish Defense Material Administration.

Prior to his retirement from USAF, he held various technical and supervisory positions relating to training and simulation. He was Advanced Development Program Manager and Chief Engineer responsible for Simulator for Air-to-Air Combat Advanced Development Program, Chief of the Visual and Electro-Optical Branch, Chief of the Training Systems Division, Deputy for Engineering, and finally USAF Technical Expert for development of Training Systems. During his career he was responsible for many in-house development programs such as display system for air combat simulation, airborne digital and video recording systems, the KC-135 Boom Operator Trainer, and the GBU-15 Guided Missile Trainer.

Mr. Heintzman received various awards during his Air Force career, including Scientific Achievement in the area of Flight Simulation. He was the 1982 winner of the prestigious American Institute of Aeronautics and Astronautics (AIAA) DeFlorez Training Award for unique development work in the area of aerial combat simulation. He holds Bachelor of Science, Mechanical Engineering Degree from Bradley University, Peoria, Illinois. Mr. Heintzman completed

USAF Pilot Training. As a member of USAF Executive Development Program he completed various management and technical courses.