

LAWRENCE T. WADE III

Mr. Wade is a current licensed pilot with over 6000 hours in military and civilian aircraft. He is leading VSAT efforts to define the pilot training requirements for the KC-X Training System Requirements Analysis (TSRA) including the definition of the tasks to be trained and the training objectives. He supported VSAT's efforts on SBIR N04-027, *A Fidelity Analysis Tool for F-35 JSF Training Systems*, by developing approaches for media selection, and he has been invaluable to numerous VSAT programs and proposals by providing a pilot's perspective.

He was part of a six man expert team conducting a comprehensive analysis of the B-1B training and training media. He investigated and evaluated current B-1 simulators and academic training using structured interviews with simulator instructors, comprehensive review of syllabi and media documentation, and limited inspection and testing of simulator devices. He developed requirements for database queries to analyze the results.

Mr. Wade also served as Program Manager for a study of an Air Force avionics upgrade to the T-38 aircraft, where he analyzed the existing T-38 avionics suite and developed an associated task list for student pilot training. He investigated the avionics of current and future Air Force bombers and fighters to determine the capabilities of those avionics suites and the tasks associated with their operation. Integrating the efforts, he defined potential training tasks in the T-38, and potential suites to replace existing T-38 avionics, along with cost and training effectiveness metrics. AETC integrated the avionics suite he proposed.

He also served as Task Manager and Lead Analyst of an Air Force program to redefine F-16 training requirements in support of acquisition for new and upgraded training devices. Here he devised the concepts and operational interfaces of a data base system to analyze current training systems and requirements. The data base extrapolated information into a complete task list for the F-16, linked tasks to training device requirements, and produced preliminary training device specifications which identify fidelity requirements.

Mr. Wade holds a Bachelor of Science, in Business Management, and a Bachelor of Science in Accounting from Belhaven College, Mississippi, and a Master of Science in Systems Management from the University of Southern California. He is a graduate of the Air War College and USAF Pilot Training.