

JOHN F. LETHERT

Mr. Lethert serves VSAT as Executive Vice President. He has managed VSAT's proposals for the *KC-X Training Systems Requirements Analysis*, SBIR N07-034, *Military Training Systems Acceptance Test & Evaluation*, SBIR N07-033, *Advanced Aircraft Simulator Flight Fidelity Evaluation Measures* and SBIR N04-027, *A Fidelity Analysis Tool for F-35 JSF Training Systems*. He was a major contributor to all of VSAT's approaches and technical reports for these programs. He was also Principal Investigator on SBIR AF02-068, *Distributed Mission Training Requirements and Capability Analysis*, where he developed concepts for using computer-based questionnaires to evaluate simulators and isolate problems with them.

He served on a six man expert team that conducted a comprehensive analysis of B-1 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. Finally, he evaluated the query results using them to develop a Functional Requirements Document for new B-1 Training Media.

Mr. Lethert made major contributions to a landmark study of Distributed Mission Training. The efforts concentrated on defining the user requirements, as well as a concept to operate and manage the DMT (now DMO) infrastructure. He evaluated related programs such as National Aerospace Model (NASM) and the Joint Simulation System (JSIMS), and the impact of Distributed Interactive Simulation (DIS) Protocols and High Level Architecture (HLA).

As Chief Engineer for the Joint Primary Aircraft Training System at Aeronautical Systems Center (ASC), Mr. Lethert lead the technical effort on a four billion dollar aircraft and Ground Based Training System. He developed and managed the Integrated Master Plan and the requirements for the Ground Based Training System (simulators, training courses, and a network based training management system). He also planned and managed the aircraft preliminary and critical design reviews.

Mr. Lethert holds a Bachelor of Electrical Engineering from University of Minnesota and a Master of Science in Electrical Engineering from The Ohio State University. He is a graduate of Defense Systems Management College.