

## FRANK C. GENTNER

Mr. Gentner is expert in Human Systems Integration (HSI), Human Factors, and Manpower, Personnel, and Training (MPT) in DoD Acquisitions. He is the VSAT Technical Coordinator for the KC-X Training System Requirements Analysis, authoring and editing reports and interfacing with both prime contractor and Government personnel. He also coordinates VSAT acquisition support efforts for the Centrifuge and Research Altitude Chamber Acquisition Programs, assisting in developing system requirements and managing experienced consultants for source selection. He helped develop the automated survey methodology that is used on a variety of VSAT training projects. He assisted with VSAT's Modular Simulated Aircraft Maintenance Trainer (MSAMT) evaluation. Using his survey analysis and research findings, he developed Human-Computer Interface (HCI) guidelines for maintenance simulators.

Lt Col Gentner, USAF, Ret., is also an expert in survey development, administration, and analysis, having conducted many surveys for the Air Force, Army, Navy, and Joint Service organizations in a variety of locations and situations, both while in the Air Force and while supporting military efforts. Survey development and analysis functions are critical to many VSAT processes.

He conducted technology reviews for US Army Simulation, Training and Instrumentation Command (STRICOM) that enabled advanced training technology to be inserted into their major training system Requests for Proposals. He managed Air Mobility Command's contracted effort to develop initial System Training Plans. He also directed numerous Human Factors studies supporting training and acquisition decisions during his 8-year stint at the Crew System Ergonomics Information Analysis Center (CSERIAC). He was lead editor for the last major revision of MIL-HDBK-46855A, *Human Engineering Program Process & Procedures* (1999), in which he included Cognitive Task Analysis and Human Systems Integration (HSI) for the first time.

Mr. Gentner managed both course development and operation of technical training courses, leading a major ISD revision. At the AF Occupational Measurement Squadron, he conducted a number of occupational surveys including Aircraft Maintenance/Crew Chief, and electronic specialties. He was a major initiator in developing the Career Field Education and Training Plan (CFETP) process and of using occupational surveys for data-based training decisions. He developed the ISD Training Emphasis data analysis guidelines used by AETC Technical Training Centers. As Director of Training Evaluation for an Office of the Secretary of Defense Institute, he managed student and field evaluation surveys, and developed and analyzed a survey of Navy admirals for the Chief of Naval Personnel. Mr. Gentner has Bachelor of Psychology and a Masters of Rehabilitation Counseling from the University of Florida as well as Professional Military Education (PME) through Air War College, Air University, and Air Force Institute of Technology Acquisition Management courses through Level 3.