

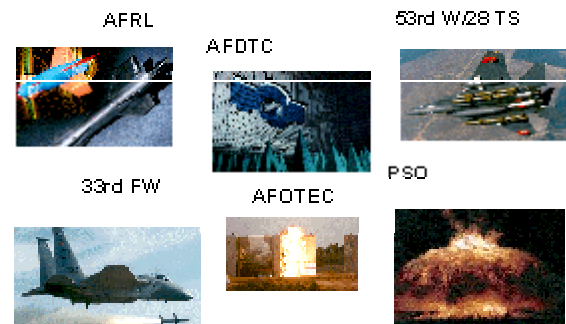


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Advanced Simulation Support to Test and Evaluation

IST was asked to analyze the Air Armament Center (AAC) vision for HITEC (Highly Integrated Test and Evaluation Complex) to determine whether Eglin Air Force Base was on the right technology path to support its development Test and Evaluation (T&E) mission: to have a “*robust capability supporting all phases of the armament/munitions and C2 acquisition life cycles.*”

IST conducted interviews with key AAC personnel, looked at their mission and at DoD and Department of the Air Force T&E planning guidance. The institute studied strategic planning requirements, future technology thrusts, mission area plan deficiencies and HITEC’s anticipated capabilities to meet requirements in their two primary areas of interest:



armament/munitions and command and control (C2).

IST’s observations and recommendations addressed technologies internal to Team Eglin and external programs to be considered.

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Mission: ■ Be a focal point for the expanding modeling and simulation community ■ Develop and conduct M&S research and related services ■ Identify M&S directions and trends ■ Facilitate moving M&S into new areas ■ Be a research and development access point to industry for technology transfer ■ Create and participate in partnerships ■ Provide an environment conducive for student and faculty participation in M&S research and development ■ Provide continuing education services.