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SANG LAV-25

Test and Evaluation Support

IST was asked to provide technical, management and personnel support to STRICOM Foreign Military Sales Office for the Saudi Arabian National Guard (SANG) Light Armored Vehicle (LAV) Advanced Gunnery Training Systems (AGTS) Test #3.

Test support consisted of IST faculty members who had Army SME background and a mix of graduate and undergraduate students to serve as test subjects/crew.

Technical support included training and management oversight to ensure compliance and to facilitate coordination of test support.

A formal technical report was developed that included information on the process of test execution and "after action" information useful to the test manager and sponsor as part of the overall test results.

The physical characteristics of the LAV AGTS replicated the operational LAV's crew compartment size and instrument locations. While inside the simulator, test subjects wore combat vehicle communications (CVC) helmets allowing them to use the crew and platoon networks for communication.

Two-person crews consisting of a gunner and commander manned individual LAV simulators. The individual manning the instructor/operator (I/O) station functioned as a driver if the exercise required the LAV to move to a new position or to move forward or backward when in a defensive (dug-in) position.

Training Effectiveness Assessment. In addition to providing test participants, IST reviewed the

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Training System Utilization Handbook. This document provided a detailed description of the LAV AGTS system that would serve as a manual for operating and maintaining the system when transported to the SANG training facilities in Saudi Arabia. IST reviewed standards, grammar, reading level and the overall organization of this document. Suggested modifications were made regarding style inconsistencies, grammar issues and words expected to be confusing when translated



into Arabic. The review focused solely on the clarity and consistency of the document, as opposed to assessing technical accuracy.

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