United States Marine Corps (USMC) Training

THE CHALLENGE

The Marine Corps Aviation Command & Control (AC2) Communities have traditionally been challenged receiving non-operationally relevant training packages upon the fielding of new equipment. This was primarily due to the Program Office's practice of contracting New Equipment Training (NET) to commercial vendors having limited personnel with Service Level experience. Training materials should be developed in accordance with the Department of Defense (DoD) guidelines and the USMC System Approach to Training (SAT) User's Guide for completion prior to system fielding. These training materials are required to remain with receiving units to support Managed On-The-Job-Training (MOJT) and sustainment training. Most commercial vendors do not have the expertise, or desire to meet these requirements.

THE STRATEGY

CSCI formed a cadre of highly skilled senior personnel with Common Aviation Command and Control Systems (CAC2S) operational and maintenance experience to accomplish the NET for CAC2S Inc I Phase 2. This group began a thorough analysis of developmental and operational training events to assess the best path forward.

CSCI Training Team

The CSCI Team is comprised of two elements: a Command and Control (C2) Systems Operations; and a Maintenance Training Team. CSCI's highly skilled technically diverse group of systems and operations specialists are SMEs in the development, support, and maintaining training curriculum and instruction. These specialists are intimately familiar with the SAT governing document, Navy Marine Corps Directive (NAVMC) 1553.1, and have extensive experience in curriculum development. They have analyzed, designed, developed, implemented, and evaluated instructional programs for entry-, intermediate-, and graduate-level instruction throughout the Services. CSCI Training Specialists all possess the following certifications:

- Weapons and Tactics Instructors (WTI)
- Joint Interface Control Officer (JICO) Instructor
- US Marine Corps Formal Schools Master Instructor.

In order to ensure maximum effectiveness, CSCI's specialist will employ the same construct used in the NAVMC 3500.14 Aviation Training and Readiness (T&R) Program, the fundamental tool used by unit commanders in the Marine Corps' Operating Forces to construct, attain, and maintain effective training programs and is the foundation for the Aviation Training System (ATS). The training developed is based upon specific requirements and performance standards to ensure a common base of training and depth of combat capability.

Collective Experience

CSCI's team cumulatively has over 126 years of combined experience in instructional development and operational experience, with over 24,873 hours of curriculum development and instruction experience training over 8,547 military students (E-2 to O-6) in formal instruction environments (JICO, WTI, Marine Corps Communication Electronics School (MCCES) and Fleet Support). This unique combination of experience and knowledge has fortified CSCI with superior training and management expertise.

This experience provides the team with the ability to anticipate any unique training needs that may arise. The opportunity to have such a large impact on training was provided by the team's prior experience in world renowned organizations, such as the Marine Aviation Weapons and Tactics Squadron 1 (MAWTS-1), the Joint Multi Tadil School (JMTS), and MCCES.

THE RESULTS

This robust team ensures agency-focused mission training to operate the CAC2S system, subsystems, and equipment controls; skills to allow for successful execution of diagnostic tests and interpretation of results; the capabilities, limitations, interfaces, operations, and preventive/corrective maintenance tasks and skills required; skills to remove and install major components, isolate malfunctions to the Line Replaceable Unit (LRU), replace defective LRUs, troubleshoot and repair system/subsystem function.

This team ensures the most effective Marine focused solution to CAC2S Phase 2 training, while maintaining program schedule, on-time and within budget. CSCI's commitment to the role of the Honest Broker/Trusted Partner is evident by the team's emphasis on providing best practice.

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