

DATA SHEET

Enhanced Aviation After-Action Review Suite (EAARS)



01 Description

The Meggitt Defense Systems Enhanced Aviation After-Action Review Suite (EAARS) provides the capability to combine the data from the Aerial Weapons Scoring System (AWSS), Long Bow Apache, Tactical Engagement Simulation System (LBATESS) and the digital through site video from the AH-64D/E. All data and real-time video is synchronized post gunnery to provide a seamless playback of all aircraft engagements during the live-fire crew qualification tables. The AWSS & LBATESS data is captured and displayed in real-time to provide the master gunner a safety overview of the range and all engagements. Once review/playback of the data is completed, a take-home package is created that can be installed and run on most standard desktop or laptop computers.

The EAARS is an integral component of the U.S. Army's Aviation Home-station Interim Package (AHIP). The AHIP was designed for legacy, non-instrumented live-fire ranges to provide enhanced home-station training in a cost effective solution. The EAARS can be provided in a container based, climate controlled facility with seating for 12 students, or it can be installed into an existing range facility and consists of the following components: aviation workstation, dual control room monitors, dual large classroom monitors, podium, wireless keyboard and mouse, and climate controlled container-based facility (optional).

The above components are used in conjunction with the standard AWSS and LBATESS during live-fire crew qualification gunnery events.

The EAARS was a team development between Meggitt Defense Systems Inc. (AWSS OEM), Inter-Coastal Electronics (LBATESS OEM) and Riptide Software (Integrated S/W). The current aircraft supported are the AH-64D & E models.

02 Key features and benefits

- All data and video is time synchronized
- Menu driven, user friendly software
- Adaptable to all helicopter gunnery ranges
- All data from a gunnery event is captured on disk

03 Applications

- AH-64 Apache training

04 Contact

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Enhanced Aviation After-Action Review Suite

05 Key features and benefits continued...

- Event data displayed in a split screen format allowing AWSS, TESS, SMODIM, and through cockpit digital aircraft video visible at the same time
- Time stamping of critical events
- Operator to scroll through the data with features to pause, stop, move forward or reverse
- Hard drive capacity stores a minimum of 24 hours of training events
- Computer is commercial off-the-shelf (COTS) with a Microsoft compatible operating system
- Container is ISO approved CONEX5
- Containers is readily moved, erected, disassembled, stored, and reused and transportable by commercial carrier

