

RATTT

2016



Whether at homeport or deployed, the RATT's small footprint can allow the entire ship/aircrew team to train together synthetically, thereby augmenting and reducing required flight and steaming hours, and allowing the Warfighter to maintain increased tactical proficiency in mission areas.

ROMEO AIRCREW TACTICAL TEAM TRAINER (RATTT)

A networked, PC-based deployable trainer designed to support experimentation.

The MH-60R Romeo Aircrew Tactical Team Trainer (RATTT) system is a networked, PC-based deployable trainer designed to support experimentation with integrated and coordinated aircrew tactical training for Link 16, the Hell Fire and Crew Served Weapons (M240/50 Cal), passive and active acoustics.

The RATTT is designed to support experimentation with Fleet Synthetic Training (FST) requirements to provide a means for achieving and maintaining aircrew tactical proficiency for multiple missions. The current training system configuration is comprised of personal computers (PC) with each PC system representing a crew position and uses the aircraft tactical software program employed by the MH-60R. Development of the MH-60R trainer includes the following capabilities: active and passive acoustics, Radio Detection and Ranging (RADAR), Hellfire, Electronic Support Measures (ESM) system, and Identification Friend or Foe (IFF) designed for command and control. The Link16, a military tactical data exchange network, is integrated for use in the RATTT system. This allows military aircraft as well as ships and ground forces to exchange their tactical picture in near-real time.

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The RATTT system utilizes Joint Semi-Automated Forces (JSAF) as the Instructor Operator Station (IOS) and the SAU7000 message standard. These capabilities expand the synthetic training environment incorporating critical warfighting platforms providing Sea Combat Commanders with additional assets to aid in critical decision making processes. Technologies from previously developed training systems were leveraged to allow for the rapid engineering development of the RATTT training system.

RATTT systems provide an Integrated Training Capability for air assets. The RATTT is a Navy Continuous Training Environment (NCTE) compliant system.

SPECIAL EVENT

During I/ITSEC, the RATTT will be participating in the Live Virtual Constructive (LVC) Operation Blended Warrior (OBW) special event which will showcase LVC capabilities and challenges by connecting to the ACME Booth and integrating the RATTT trainer with their gun simulation.

For further information on this exhibit, or on business opportunities with NAWCTSD, please contact our Business Support Team by telephone at (407) 380-4903, by e-mail at orlo_businesssupportteam@navy.mil, or by mail at Business Support Team, NAWCTSD, 12211 Science Drive, Orlando, FL 32826.

