



USJFCOM fact sheet

Joint Conflict and Tactical Simulation

The Joint Conflict and Tactical Simulation (JCATS) program is an interactive simulation tool sponsored by U.S. Joint Forces Command (USJFCOM) and managed from the command's Joint Warfighting Center (JWFC) in Suffolk, Va.

The Lawrence Livermore National Laboratory originally developed JCATS and continues to act as its developer for JWFC.

The military uses JCATS for training, analysis, and mission planning and rehearsal. JCATS simulates operations in urban terrain, supports non-lethal as well as conventional weapons, and allows users to quickly assemble and disband entities and units.

JCATS provides a wide range of operations in a variety of dynamic simulated environments. The simulation models the dynamics of individual soldiers, vehicles, and weapons, increasing the realism of the simulation and allowing the more direct participation. Both the Army and the Marine Corps use the simulation for training and real-world rehearsals of tactical missions.

Numerous units used the simulation for tactical training prior to deploying in support of Operation Iraqi Freedom, both as a stand-alone simulation, and with Live, Virtual and Constructive simulation as part of Joint National Training Capability enhancements.

JCATS also provides the high-resolution support for homeland security for U.S. Northern Command training events as part of the Joint Multi-Resolution Model Federation with the Joint Theater Level Simulation program.

more info

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