



SQUAD: FOUNDATION OF THE DECISIVE FORCE

July 2016



SFDF is Dedicated to All Dismounted Elements

SFDF Updates

FY16 Combined Arms Futures Integrated Exercise (CAFIX): TCM-Soldier SFDF is executing the FY16 Combined Arms Future Integration Exercise (CAFIX) series of focused assessments. Technologies assessed include fuel cells, micro-Doppler radar, an integration of Soldier Borne Sensors in the scout section, and others still in development. CAFIX is a MCoE led effort of collaborative futures integration with Defense Advanced Research Projects Agency (DARPA), Natick Soldier Research, Development and Engineering Center (NSRDEC), Army Aviation and Missile Research, Development and Engineering Center (AMRDEC), and other collaborating partners. CAFIX focuses on the integration of future warfighting capabilities in order to inform requirements and enable combined arms capability development for Soldiers and small units.

ARTICLES

- **Article: Armored vehicle prototype demonstrates firepower at Fort Benning firing range:** A live-fire demonstration of weapon systems mounted on a ground mobility vehicle prototype and a light armored vehicle combat reconnaissance vehicle prototype took place on Friday, July 15, at Red Cloud Range on Fort Benning. ([View Article](#))
- **Article: Army engineer invents lightweight ballistic combat shirt, wins award:** Army engineer Robert DiLalla set out to develop a new design for Soldier protection, he knew he had to break the mold. The result of his revolutionary approach, which focuses on the Soldier as an athlete, is the game-changing, Ballistic Combat Shirt, a new lightweight body armor system. ([View Article](#))
- **Article: The Marksmanship fundamentals key for Soldiers in basic training:** Soldiers in basic combat training with Company B, 2nd Battalion, 60th Infantry Regiment at Fort Jackson, South Carolina braved the stifling summer heat while working on the fundamentals of marksmanship at the zero range on Thursday, July 14. ([View Article](#))
- **Article: Army demonstrates rucksack power, enhances translation research in African exercise:** The Army Research Laboratory and Army Communications-Electronics Research, Development and Engineering Center -- worked directly with the Field Assistance in Science and Technology advisor assigned to U.S. Army Africa. Their efforts have focused on developing and fielding translation software as well as solar-power prototypes for Soldiers to test and evaluate in Africa. ([View Article](#))

- **Article: *US When GPS goes out, the chip-scale atomic clock may be coming to the rescue:*** Accurate time is crucial to our military. It enables all the warfighting functions of an expeditionary force: radio communications, network synchronization, information gathering, weapon systems, manned and unmanned systems, maneuvers, fires, electronic warfare and all types of sensors. ([View Article](#))
- **Article: *Are we ready for the unseen fight?*** An enemy soldier stood by his truck, communicating with his higher headquarters via radio. He was about to receive some critical information that would allow him to maneuver the members of his group against U.S.-friendly forces, but something unexpected happened. ([View Article](#))

SFDF WAY AHEAD

SFDF Goal. To improve the combat effectiveness of maneuver formations from Squad through Brigade Combat Teams.

[SFDF Portal](#)

SFDF Team

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