



# SQUAD: FOUNDATION OF THE DECISIVE FORCE

June 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: Army develops critical components for Lethal Miniature Aerial Missile System** In need of a Lethal Miniature Aerial Missile System that is man-portable and capable of neutralizing or eliminating combatants? The U.S. Army Aviation and Missile Research, Development and Engineering Center assists in ensuring state-of-the art critical components exist for potential vendors. ([View Article](#))
- **Article: Future base camps will sip fuel and water, cut waste:** In the future, Army expeditionary base camps will sip fuel and water while slashing waste. That was the message heard by Army leadership, June 15, at the Sustainability Logistics Basing -- Science and Technology Objective Demonstration, or SLB-STO-D, Leadership Day at the Base Camp Integration Laboratory, or BCIL, on Fort Devens. ([View Article](#))
- **Article: The U.S. Army Is Rolling Out Superhuman Hearing to Soldiers:** Infantry combat is loud, and gunshots are an occupational hazard of being a soldier. A single gunshot can temporarily blow out a soldier's hearing, reducing situational awareness and the ability to overhear commands. Prolonged gunshot noise exposure over a soldier's career can do irreparable harm to hearing. Which is why the U.S. Army has developed an all-in-one hearing system that not only boosts the hearing of troops in the field, it also acts to cut down the noise of battle. ([View Article](#))
- **Article: Army Training Looks at Human Dimension:** The Squad Overmatch Study – Tactical Combat Casualty Care, in its second year as part of the Army Warfighting Assessment, is a result of 2013 and 2014 studies related to reducing post-traumatic stress disorder through training. ([View Article](#))

- **Article: *XStat sponges save coalition soldier's life after bullet wound*:** When all else failed to stop the bleeding of a coalition soldier's leg wound, the forward surgical team reached for the XStat-30. ([View Article](#))
- **Article: *US Army moves ahead with handgun replacement programme*:** The US Department of Defense (DoD) will downselect a total of three preferred bidders in the third quarter of 2016 as its Modular Handgun System (MHS) programme continues on course despite recent calls to replace the effort with a commercial off-the-shelf (COTS) solution. ([View Article](#))
- **Article: *Dogo to offer close combat capability*:** Israel's General Robotics unveiled its Dogo unmanned ground vehicle (UGV) at Eurosatory 2016 in Paris. Speaking to *IHS Jane's*, Shahar Gal, General Robotics' vice president of business development and co-founder, said that Dogo is a mission-specific platform designed to engage individuals, rather than a generic UGV that can be used for a variety of roles. ([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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