



SQUAD: FOUNDATION OF THE DECISIVE FORCE

Dec 2014
UPDATE



SFDF is Dedicated to All Dismounted Elements

SFDF Updates

- **Maneuver and Fires Integrated Exercise (MFI):** SFDF is planning the FY15 MFI Phase II LOE, scheduled for Aug 2015 at Fort Benning. FY15 Phase II LOE will focus on Preemptive Threat Detection and Identification.
- **Squad Overmatch Study:** Squad Overmatch Study: DOTD MCoE will sponsor an Army SFDF FY15 study titled: "Cost of Achieving Squad Overmatch by Training Resilience and Situational Awareness Skills that Optimize Human Performance and Discourage PTS and Suicide".

ARTICLES

- **Article: Mobile app to diagnose head injuries scores FDA clearance:** The new Defense Automated Neurobehavioral Assessment is a mobile phone-based application designed to help medical providers identify cases of traumatic brain injury in almost any setting, which may help clinicians diagnose a patient in as little as five minutes. ([View Article](#))
- **Article: Army conducts base camp technology demonstrations:** Army researchers recently completed Demonstration 1, the first in a series of demonstrations looking at energy-saving technologies, which will reduce the fuel, water demands and the waste generated for backhaul currently experienced at small base camps in forward operational environments. ([View Article](#))
- **Article: Leading Army researcher: Future of autonomous vehicles:** Over the past 10 years, robotics, or autonomy-enabled systems, has gone from a novelty to an asset among Soldiers. A robotics demonstration was conducted at Fort Benning, Georgia in Aug 2014 where Soldiers used the autonomous unmanned Squad Mission Support System, or SMSS, to transport ammunition and supplies. ([View Article](#))
- **Article: DARPA Is Getting Closer to an Iron Man Suit:** The Army doesn't have an Iron Man suit. Yet. But the Defense Advanced Research Projects Agency (DARPA) Warrior Web program is a step closer to developing a soft, low-powered exosuit that will augment the physical capabilities of soldiers. ([View Article](#))

- **Article: First Strike Ration® (FSR):** The First Strike Ration® (FSR) is a compact, eat-on-the-move assault ration designed for use in high intensity combat operations, or similar training scenarios, for up to 10 days as a sole source of subsistence. The FSR is substantially lighter and more compact than the Meal, Ready to Eat (MRE), enhancing Warfighter consumption, nutritional intake, and mobility. News & Updates section: [\(View Article\)](#)
- **Article: Picatinny lightens Soldiers' load, shaves 12 pounds off mortar system:** Following the successful fielding of the lightweight 60mm mortar system, Picatinny has begun delivering the new lightweight 81mm system to troops. The new M252A1 81mm system is 12 pounds, or 14 percent, lighter than its predecessor, the legacy M252 mortar system. [\(View Article\)](#)

SFDF WAY AHEAD

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

[SFDF Portal](#)

SFDF Team

SFDF Project Officer: [MAJ Jediah Zaffke](#), 706-545-5052

SAIC – Program Integrator: [Mr. David Dice](#), 706-545-0479

Maneuver Center of Excellence, Fort Benning, GA