



SQUAD: FOUNDATION OF THE DECISIVE FORCE

Oct 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". The objective of the study is to identify all of the components needed to integrate training of cognitive skills into traditional warrior skills training and to develop a rough order of magnitude cost to implement them at all echelons and throughout the training continuum, from basic combat training through deployment.

ARTICLES

- **Article: Army evaluates DARPA's futuristic soft exosuit:** Army researchers are evaluating prototype devices developed for the Defense Advanced Research Projects Agency. The Defense Advanced Research Projects Agency, known as DARPA, Warrior Web program's goal is to create a soft, lightweight under suit to help reduce injuries and fatigue, while improving mission performance. DARPA is responsible for the development of new technologies for the U.S. military. ([View Article](#))
- **Article: Stinger upgrade to increase service life, capabilities:** Work to extend the service life of Stinger Block I missiles and expand its capabilities on the battlefield began at McAlester Army Ammunition Plant. In addition to replacing components to extend the service life, MCAAP will also install a warhead section equipped with a Target Detection Device, commonly known as a proximity fuze. The Target Detection Device provides increased effectiveness against unmanned aerial system threats. ([View Article](#))
- **Article: Optimal batteries can make critical difference on battlefield:** This article focuses on a discussion concerning Lithium batteries and lists several advantages they have over Alkaline batteries. ([View Article](#))

- **Article: Army develops app to determine body's water needs:** The Soldier Water Estimation Tool app main screen. This Android-based smartphone application is a decision aid that translates a complex sweat prediction model into simple user inputs. The user need only estimate the anticipated intensity of the activity (low, medium, high, including example activities), choose from among three categories of military clothing ensemble and input weather conditions (air temperature, relative humidity and cloud cover) to estimate the fluid intake required to maintain optimal hydration. ([View Article](#))
- **Article: Leaders: Adaptable network critical for Army to 'Win in a Complex World':** The Mounted Computing Environment, which serves as the Army standard for communications systems inside tactical vehicles, supports the delivery of the Common Operating Environment to give Soldiers a familiar look and feel for their mission command applications from garrison to foxhole. ([View Article](#))
- **Better gear under evaluation for both winter, tropical climates:** The Army is looking to evaluate some new winter weather gear for Soldiers, including newer face masks, better gloves, and modern tentage. Unlike much of what the Army buys, however, the new gear is non-developmental, commercial off-the-shelf equipment that has been suggested for adoption into the Army by the very Soldiers who will end up using it. ([View Article](#))

SFDF WAY AHEAD

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

[SFDF Portal](#)

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