



SQUAD: FOUNDATION OF THE DECISIVE FORCE

December 2015



SFDF is Dedicated to All Dismounted Elements

SFDF Updates

FY16 Combined Arms Futures Integrated Exercise (CAFIX): TCM-Soldier SFDF is working to develop the FY16 Combined Arms Future Integration Exercise (CAFIX) focused assessment. 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), and Army Aviation and Missile Research, Development and Engineering Center (AMRDEC). 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: Some 'Star Wars' tech inspired by the Army's experiments in mobility:** The Cybernetic Walking Machine, which may have inspired the Imperial Walker, or AT-AT in "Star Wars," is an experimental craft developed by the Army. ([View Article](#))
- **Article: Army technology team helps field robot:** U.S. Army science and technology advisors have initiated a project to field a robot capable of assessing chemical, biological, radiological, nuclear, explosives, or CBRNE, threats from a safe distance. ([View Article](#))
- **Article: Army team continues collaboration with NFL, Under Armour, GE for Head Health Challenge II:** A U.S. Army Research Laboratory team of researchers was one of three awarded funding in the final phase of the National Football League, Under Armour and General Electric's Head Health Challenge II with a chance to receive up to \$1 million toward head-protection research. ([View Article](#))
- **Article: Rested Soldiers perform better in battle, experts say:** SFC Alonzo Howard said he has but one regret: that he didn't know the effects sleep deprivation have on combat effectiveness. Howard spoke at the Army Office of the Surgeon General-sponsored Performance Triad Sleep Summit, Dec. 9. ([View Article](#))
- **Article: Strategy charts path to fuel-efficient forward operating base:** Richard Kidd, the Deputy Assistant Secretary of the Army for Energy and Sustainability, said "energy and water issues - operational energy, water and waste - these and other aspects of sustaining our force create vulnerabilities". ([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: (Vacant)

SAIC – Program Integrator: [Mr. David Dice](#), 706-545-0479
Maneuver Center of Excellence, Fort Benning, GA