



# SQUAD: FOUNDATION OF THE DECISIVE FORCE

Sep 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: Picatinny develops next generation of hand grenade:** Engineers at Picatinny Arsenal are working on the first new lethal hand grenade in more than 40 years, which is designed to give greater flexibility to the warfighter. ([View Article](#))
- **Article: McMaster: Army Must Prioritize Close-Combat Capability:** There's no doubt in the Army's Capability Integration Center chief's mind that the Army must hone its close-combat skills, even as some have suggested America will fight future wars from a safe distance using mostly long-range strike weapons. ([View Article](#))
- **Article: BAE Systems Wants to Defeat Jammers with Thinking Machines:** With a hand-held device, a soldier can see where enemy signals are coming from, stretched out on a low-resolution virtual plane. ([View Article](#))
- **Article: Army rolls out new fitness test for soldiers who want to switch MOS:** Soldiers who want to move into a more physically demanding military occupational specialty - such as infantry or armor - soon will be required to take a new test before they can even qualify for training. ([View Article](#))
- **Article: Skynet Anti-Drone Rifle Can Jam Signals in the Air:** When it comes to stopping the drone, a video demonstration of the Skynet system shows it blocking GPS signals to a quadcopter, and then shutting the camera off. ([View Article](#))

- **Article: *Check Out The Pentagon's Likely New Autonomous Drone:*** What, exactly, will the “Autonomous Tactical Airborne Drones” do? Judging by video from Shield AI, it looks like they’ll fly into unknown airspace, inside of buildings. ([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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