

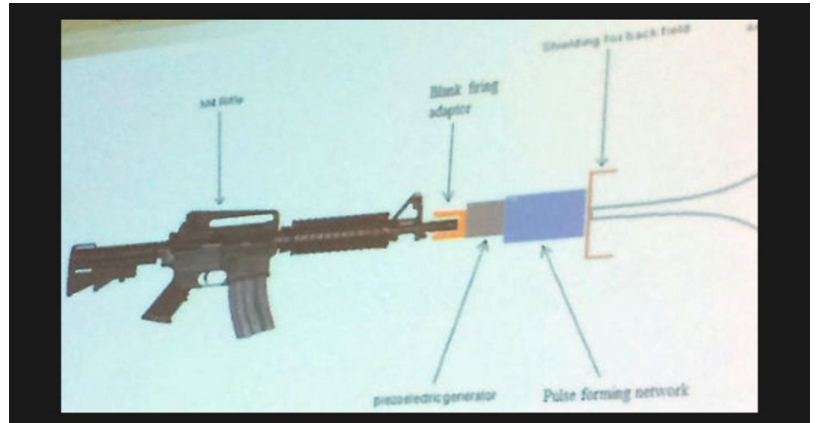


Written by [Joe Wolverton, II, J.D.](#) on April 27, 2015

Army Testing Handheld Ray Guns to Disrupt Electronics

Think you can use your cellphone or other electronic device to communicate with friends and family if/when Jade Helm (see below) goes from practice to policy? Think again.

The U.S. Army is testing “electricity guns” that would disrupt all “battlefield” electronic communication. These “handheld ray guns” (illustration shown) would be attached to existing weapons already carried by soldiers.



Defense One disclosed the following information in a [story published on April 22](#):

Soldiers “already carry rifles. Why not use something that every soldier already carries,” said James E. Burke, an electronics engineer with the U.S. Army’s Armament Research, Development and Engineering Center, or ARDEC. Burke spoke with Defense One at a National Defense Industry Association event in Baltimore on Tuesday.

Burke’s apparatus, which he’s named the “Burke Pulser,” consists of two wide antennas, a piezoelectric generator and a few other small bits and pieces. It has a blast shield to protect the user from electricity levels that the inventor describes as “hazardous.”

The Pulser takes the explosive energy released when the gun fires and converts it into pulses of electrical energy. This is done via the piezoelectric effect, which derives an electric charge when pressure is exerted on crystalline materials such as quartz, changing the balance of positive and negative ions.

There was a time when Americans might have applauded and even felt some sense of pride upon hearing about the imminent deployment of such sophisticated weaponry. That is before we learned that the Army is currently carrying out a massive nationwide training operation right here in the United States.

On March 27, *The New American*’s Alex Newman reported the following [details about Operation Jade Helm](#):

A massive U.S. military drill dubbed “Jade Helm 15” lists Texas, Utah, and part of California as “hostile” or “insurgent pocket” territory. The unclassified information about this drill is causing widespread alarm nationwide, with more than a few analysts suggesting it may be some sort of exercise practicing to impose martial law on Americans fed up with an out-of-control federal government. During the exercises, which will take place over the summer, Special Forces from various branches of the military will work with local law-enforcement in scenarios that, to critics at least, sound suspiciously like they are aimed at subduing rebellious American civilians and states amid a civil war or large-scale unrest. The federal government issued a response dismissing the concerns and saying that the training is to help U.S. forces prepare for overseas missions, but not everyone is convinced.

The most alarming components of the drills highlighted by concerned citizens and media commentators surround an unclassified presentation about Jade Helm 15’s “realistic military



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training” that was apparently leaked. In a graphic showing the territory across which the training will take place — essentially the American Southwest — different states are colored based on the fictional status of their loyalty to Washington. Colorado, Nevada, and most of California, for example, are dark blue, indicating that they are “permissive.” Utah and Texas are both shaded red, indicating that they are “hostile.” Southern California is also red, with a note reading “insurgent pocket.” Arizona is light blue, which in the legend is listed as “uncertain (leaning friendly),” while New Mexico is brown, or “uncertain (leaning hostile).” Two more states, Florida and Louisiana, have reportedly been added to the exercise.

In the face of the impending deployment of microdrones and handheld ray guns, these exercises take a decidedly ominous tone, a tone that calls into question the real intent of all of these technological developments and the true theatre of action where their effectiveness will be tested.



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