



FLETC to use STRESSVESTS to record non-lethal laser shots at firearms trainees and provide immediate feedback

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In order to improve its firearms training -- and enable instructors to provide immediate feedback to students from law enforcement agencies -- the Federal Law Enforcement Training Center plans to procure 14 *Gen2 STRESSVESTS*, which can record non-lethal laser hits on trainees during scenario-based exercises.

FLETC, in Glynco, GA, will purchase the STRESSVESTS as well as 10 Gen2 head sensor baseball caps from [StressVest, Inc.](#), of Winnipeg, Canada, for an unspecified dollar amount. "No other contractor can provide a system with the ability to record laser hit placement and instant electromotive feedback while the trainees and role players are wearing sensor body/face shields for a common system at the FLETC," explained a [sole source justification and approval document](#) issued by the agency on July 24.



The vests will be used by trainees in FLETC's Performance Assessment Lab (PAL), which is located within the training center's high-bay simulation lab.

"The recorded firearms responses will be used in an After Action Review (AAR) process that will allow the trainees to receive feedback on their training session and also to allow the trainers to perform in-depth studies of the trainee activities," said the document.

After exhaustive market research and attendance at various trade shows, FLETC officials said they were able to identify only two companies that offer equipment geared for non-lethal training ammunition (NLTA), STRESSVESTS, Inc. and [Bioval Technologies](#), which operates its factory in Switzerland. "The Bioval Technologies vest only counts the number of hits on the front or back but does not send a signal to alert the wearer that he or she has been hit by an NLTA," explains the FLETC justification document.

"StressVest Inc. is a privately owned North American company whose sole objective is to revolutionize the firearm force on force training industry with the only non projectile system with a pain penalty that induces the necessary stress required for realistic training," says StressVest on its own Web site. "StressVest is designed to improve tactical firearm force on force training in law enforcement, military, security and corrections markets around the world."

The company cites the following characteristics of its STRESSVESTS:

- Allows officers to train under a state of acute stress creating schemas that will dramatically increase their ability to survive a deadly force encounter with a firearm;
- Sets up in seconds, maximizing training time and allowing you to train anywhere, anytime;

- Does not require any special safety equipment, saving you time and money. Most importantly creating more realistic training by allowing you to see facial cues and hear auditory sounds clearly;
- Operates through most color clothing, allowing the StressVest to be completely concealed;
- Training lasers can be fired through windows/windshields and offer a perfect ballistic match to issued ammunition for accuracy/distance;
- Requires no safety equipment;
- Utilizes the wireless *StressX PRO* belt that has patent pending software;
- Only registers center mass hits ensuring transference on how students are trained to shoot on the range versus shooting in force on force training;
- Optional head sensors and side panels allow for specialized training;
- Integrated training IED's provide for a pain penalty to officers or soldiers within a preset "kill radius" upon detonation.

Further information about FLETC's planned procurement of this training equipment is available from James Steff, a contracting officer, at 912-267-2118 or james.steff@dhs.gov.