

September 24, 2007



SDI Announces the Successful Completion of the First Round of Live Safety Testing of the Lektrox Wireless Electric Bullet

TORONTO, ONTARIO -- (MARKET WIRE) -- 09/24/07 -- Security Devices International, Inc. (OTCBB: SDEV) - a defense technology company specializing in the creation of less than lethal ammunition solutions - announced today that it successfully completed the first round of live safety testing at an advanced clinical facility for its new patent-pending Lektrox ammunition during the summer of 2007.

The highly comprehensive testing, implemented over a 24 hour period, was designed to study the immediate and medium term physiological effects of the high voltage incapacitation aspects of SDI's Lektrox wireless electro-muscular disruption technology.

Carried out under the most stringent, objective conditions, the test parameters covered a comprehensive range of physiological responses such as cardiac arrhythmia, hematological changes, thermoregulation and oxygenation abnormalities and others.

Results in all test parameters proved the Lektrox to be safe across all the normal ranges of high voltage incapacitation aspects allowed for under the title of less than lethal ammunition - ammunition that does not cause any form of long-term or irreversible physical damage.

SDI's CEO Sheldon Kales said, "We are delighted with the results of the live testing. They confirm in objective, clinical conditions all the considerations that have been factored into the design and development of the Lektrox electric bullet. By consistently showing no deviation from the accepted norms, the tests take the Lektrox another step closer to being adopted as the world's first effective extended range, safe, non-lethal ammunition."

SDI plans to conduct further safety testing during 2007.

More about SDI

SDI specializes in the field of less than lethal technologies for defense industries. The company's R&D is being conducted in Israel by a team of Engineers headed by Haim Danon and Ilan Shalev, previously held positions at Israeli Aircraft Industries (IAI) and Israeli Military Industries (IMI) leading such development projects as the Negev machine gun - currently deployed by the Israel Defense Forces (IDF) - and the legendary Desert Eagle pistol, as well as other weapon systems.

SDI's Engineering team are supported by an internationally renowned team of specialists that includes Emmanuel Mendes, an electrical engineer with four decades experience at the forefront of development in Israel's leading technology industries; and Dr. Yoav Paz, a

leading heart and chest surgeon from the Hadassah Medical Center Jerusalem and member of the European Cardiology Society.

Security Devices has not authorized the release of this press release in any form that contravenes any law or regulation and will not be responsible for the unsolicited distribution of this material by e-mail or facsimile by unauthorized parties. Statements in this press release, which are not historical facts, are "forward looking statements" within the meaning given to that term in the Private Securities Litigation Reform Act of 1995. Security Devices intends that such forward -looking statements be subject to the safe harbors created thereby. Since these statements involve risks and uncertainties and are subject to change at any time, actual results could differ materially from expected results.

Contacts:

Security Devices International, Inc.

Sheldon Kales

Toll Free: 1-877-LEKTROX 535-8769

Email: info@lektrox.com

Website: www.lektrox.com