

INDEPENDENT VERIFICATION REPORT



07th September 2005

Recoilless Technologies International Corp. Ltd.
18/595 Chandler Road
Keysborough,
Victoria
Australia 3173

Subject: Summary of Test Results

Dear Sirs,

On Tuesday the 30th of August 2005, we conducted a series of tests on RTI's "Beta" designated lab prototype weapons system designed to reduce recoil. This prototype incorporated a conventional Mauser 98 bolt-action and a barrel suitable for 7.62 NATO/.308 Winchester and equivalent rounds. The test weapon though, has been deprived of its handling stock and left with mounting rail beneath the weapon's working parts.

All testing procedures were conventionally documented and additionally video footage was taken of the entire testing process.

Recorded data was limited to two main variables, projectile velocity and weapon recoil. All data obtained was measured using only laboratory-calibrated equipment in a controlled indoor environment.

The tests commenced with confirming projectile velocity only of the selected test ammunition against existing NATA standard using our own test equipment.

Testing of the RTI lab weapon specimen was conducted under two sets of test conditions, rigid and free-floating weight conditions, on a purpose built test rig. The mechanism (test rig) allowed linear, horizontal movement of the test weapon against both immobilised and free-floating designated opposing mass separated from the test weapon by the calibrated load cell (recoil sensor) to capture recoil force impacting on the respective opposing mass.

Measurements were recorded during the firing of the prototype with the recoilless system disabled and compared to measurements recorded during the firing of the prototype with the recoilless system enabled maintaining equivalent weight during both procedures.

The measurements for the prototype with RTI's enabled recoilless system under both test conditions, rigid and separate free-floating weight, showed a significant reduction in recoil and a minor decrease in projectile velocity under both test conditions. Moving from the rigid test conditions, the free-floating weight tests produced some individual measurements of zero recoil with a similar decrease in projectile velocity as experienced under the rigid test conditions.

INDEPENDENT VERIFICATION REPORT CONT.



To the best of our knowledge there are no international testing standards for the testing of recoil. Further the National Association of Testing Authorities Australia (NATA) has not previously approved any testing procedures for the testing of recoil. Therefore it is necessary for us to submit the data recorded and the procedures followed to NATA to obtain confirmation from them in relation to the testing of the RTI prototype. Depending on the outcome of the NATA submissions it may be necessary to perform further testing to finalise the NATA submission. Upon completion of the NATA submission a final detailed report will be provided to you.

Yours truly,

A handwritten signature in blue ink, appearing to be "D. Hehir", is written over a light blue grid background.

Damien Hehir
Director