

CONFIDENTIAL

Remington Arms Company Inc.
RESEARCH & DEVELOPMENT TECHNICAL CENTER
315 WEST RING ROAD
ELIZABETHTOWN, KY 42701

TLW0300AM - SAAMI Rotation Test – “System” (Includes the Scope and Mounting Rails):

The test will be conducted according to SAAMI Technical Committee procedures. The firearm will be placed in the “Safe Carrying” condition and dropped from an upright position with its butt resting on the surface of a 1” thick 85 durometer (Shore A) rubber mat backed by concrete. Trigger Pull weight and engagement will be adjusted to minimum specification, 4 lbs. and .020 inch respectively. Magazine will be loaded to maximum capacity with dummy rounds according to SAAMI procedures. The firearm shall be tested (dropped) on both the right and left sides. After each rotation, the primed case will be discharged to insure validity of test.

Method:

- With the firearm safety in the SAFE state, the firearm shall be capable of passing the below test criteria when allowed to fall freely from an upright position with its butt resting on the surface of a 85±5 Durometer, Shore A, rubber mat, one-inch thick backed by concrete. The mat and concrete shall be large enough so that when the gun falls it will come to a rest without interference within the perimeter of the mat. The firearm shall be tested so as to fall once on its right-hand side and once on its left-hand side. The primed case shall be discharged following the drop and a fresh primed cartridge re-chambered prior to the next drop. A “fresh” firearm may be substituted into the test at any point.
- Tests shall be conducted with the trigger pull force set at the minimum force specified, with engagement set to the minimum specified, and with the firecontrol lubricated per the owner’s manual.
- The test shall be conducted with the magazine or clip fully loaded with dummy cartridges, inserted in the firearm.
- Parts breakage or other damage as a result of drop testing does not constitute failure as long as the empty primed case does not fire and the firearm can be unloaded safely after each drop. More stocks or receiver inserts may be required than the amount of test guns to allow for breakage due to the drop testing. If a part cracks or breaks, replace before continuing test.

Data required:

J.R.Snedeker

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