

CONFIDENTIAL

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

- Break Free Bore Cleaner
- Birchwood-Casey Gunscrubber
- Remington Action Cleaner
- Hoppe's Oil
- Hoppe's #9 Solvent
- TPC Solvent
- LP-1 Lubricant
- Thin Film Lubricant
- Steel Guard
- Molycoat Paste
- Molycoat Powder
- Cobratec

Data Required:

- Record part weights before and after test.
- Record part hardness before and after test.

ABUSIVE TESTING

IMPACT TESTING – TLW0010AQ THROUGH TLW0010AV

TLW0010AQ - SAAMI Drop Test:

This test will simulate abusive dropping of the firearm from a distance of 48 inches onto a 1” thick 85 durometer (Shore A) rubber mat backed by concrete. Trigger Pull weight will be adjusted to minimum specification (3-½ lb.) The Trigger/Sear engagement will be set to the minimum specification (0.020”). Test will be performed according to SAAMI Technical Committee procedures. Magazine capacity will as well be according to SAAMI procedures. After each series of test, the primed case will be discharged to insure validity of test. This test will be performed on a sample of four firearms (for Phase I) and six firearms (Phase II) of .30-06 calibers only and six rifles of .270 caliber when available.

Method:

- With the firearm safety in the SAFE state, the firearm shall be capable of passing the below test criteria for drop testing from a height of four feet onto an 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 is dropped it will fall and

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