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

ABUSIVE TESTING**IMPACT TESTING**

Elimination of the Bushnell scope and addition of the iron sights results in a significant gun weight change. To verify that this weight change did not alter the shock sensitivity of the firearm 9 rifles were subjected to standard SAAMI Jar-Off, Drop and Rotation tests. All guns had fire controls adjusted to minimum process specification for trigger pull and engagement before the start of each major drop phase (Jar-Off, Drop and Rotation). Measurements were rechecked at the conclusion of each major test phase. The procedures as outlined by SAAMI and documented in the Test Plan was followed completely.

Results:

No inadvertent discharges occurred on any of the 9 rifles tested during any phase of testing.

	<u>Number Guns Tested</u>	<u>Number Guns Passed</u>
SAAMI Jar-Off Test	9	9
SAAMI Rotation Test	9	9
SAAMI Drop Test	9	9

ACCURACY TESTING:**POINT OF IMPACT/SIGHT ADJUSTMENT TEST**

An accuracy test at 100 yards was conducted in E-town's long range to insure that each rifles Point of Impact (POI) can be adjusted to coincide with the Point of Aim (POA) using the supplied iron sights. A major emphasis is placed on the ability to adjust the POI to the POA with enough sight adjustment remaining to compensate for varying distances and load configurations. As stated earlier a total of three iterations were required to confirm that sight adjustment was adequate. Remington ammo R30065 (180 grain PSP Core Lock) was used for all three iterations.

Procedure:

A special target is used (1 ft. dia. black bull) to aid visibility due to the range involved. The 6 o'clock position on the bull is used for the point of aim. See the Test Plan (Part B) for a description of the procedures and sight pictured used.

May 301 - Trial & Pilot Test - Remington M710 Centerfire Rifle w/Iron Sights;
R & D Technical Center Project No. 241095; TI.W0395, TI.W0405, TI.W 0505
file: E:\ntas3\710\ Trial & Pilot_3006 Iron Sight Guns\M710_T&P_REPORT_JUNE26_Rev0.doc

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Subject to Protective Order - Williams v. Remington

BARBER - 5.30.06R0001731

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