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

Bolt translation varied from gun to gun slightly with one gun being unacceptable with respect to this criterion. The gun in question is going to have both the receiver insert and bolt dimensions measured to determine if they exceeded specification. Again, the issue at hand is how to appropriately measure the forces required to cycle the bolt. As with the camming force, I feel a quantitative test is needed here in order to set acceptance criteria.

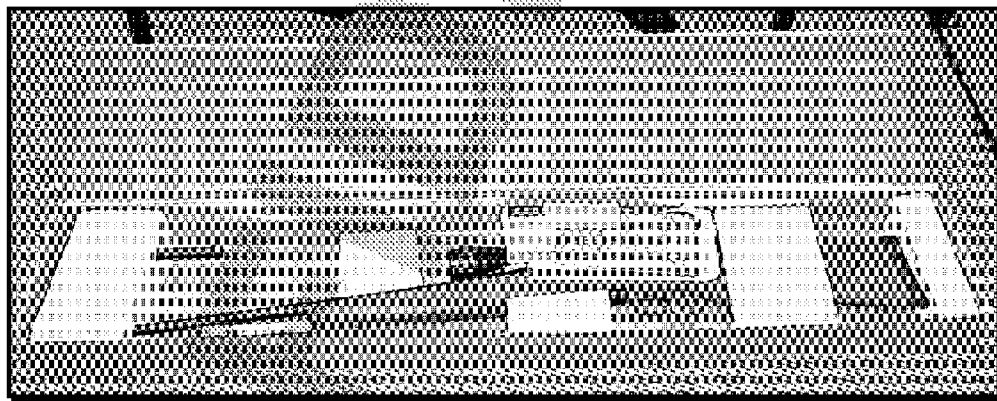
All in all, I felt that the evaluation went well. Although there are areas in which we can improve, the guns were suited to move forward with the test.

### 3.1.1.3 TLW0300C – Packaging Test

In addition to the above-mentioned Packaging Audit, a Packaging Test was conducted on a small sample of the T&P rifles. This test was designed to expose the product and the shipping carton to real world conditions of shipping to determine the probable effects of normal shipping on the packaging materials and evaluate the protection afforded the product.

Two rifles each were shipped from Elizabethtown by UPS to other Remington locations: Lonoke AR and Findlay OH. Upon arrival at these locations, individuals were assigned to examine the exterior of the packages, note any damage and re-ship the product back to the Elizabethtown site for final evaluation.

The first package design was judged as providing inadequate protection to the product and a redesigned Styrofoam insert was used on later trial and pilot shipments.



**Picture #1- Early version of Packaging (after shipment)**

Jan. '01 Trial & Pilot Test Remington M710 Centerfire Rifle;  
R & D Technical Center Project No. 241039; TLW 0300  
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