

H.P. WHITE LABORATORY, INC.

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30 October 1995
(HPWLI 6793-02)

Remington Arms Company, Inc.
Research and Development Technical Center
315 West Ring Road
Elizabethtown, Kentucky 42701

Attention: Mr. Jim Snedeker

Gentlemen:

Following our recent Extreme Environment Testing of the Fire Control Group of Model 700 Rifles (our Report 6793-02 applies), you instructed us to re-conduct the **DYNAMIC DUST TEST** in an effort to recreate two inadvertent firings encountered in that testing.

The eight original test samples (5 modified and 3 control) and the additional samples (control) were cleaned, lubricated and tested in accordance with the procedures used in the earlier testing. After completion of the Dynamic Dust Test the rifles were again cleaned, lubricated and stored in the butt-down vertical position at ambient temperatures with cocked firing pins and safeties in the "safe" position for a period of 68 hours.

The rifles were then removed from their vertical storage position, and while being hand-held in horizontal position, the Safeties were moved to the fire position - **NONE OF THE FIRING PINS FELL.**

Each of the rifles was then given a 50-cycle, Safety Manipulation Test. Each cycle was initiated by cycling the Bolt which cocked the Firing Pin, setting the Safety to "safe", setting the Safety to "fire" and pulling the Trigger. Each alternate cycle, starting with cycle Number 2, included pulling the Trigger with the Safety in the "safe" position.

NO INADVERTENT FIRINGS WERE ENCOUNTERED 500 cycles - 250 without interim trigger pull and 250 with interim trigger pull.

The Dynamic Dust Test produced seven Failures-To-Feed and two Failures-To-Eject. The Failures-To-Feed were all characterized as bolt overrides caused by jamming of the Magazine Followers. The Failures-To-Eject were characterized by disassociation of the spent cases from the bolt which then were left laying loosely on the cartridges of the magazine.

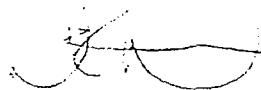
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Should you have any questions regarding this matter or if we may be of any further service, please do not hesitate to contact us.

Very truly yours,

H.P. WHITE LABORATORY, INC.



Donald R. Dunn

DRD/lt

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to Protective Order
Williams v. Remington