

REMINGTON ARMS COMPANY, INC.  
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EVALUATION OF MODEL 742 AUTOLOADING CENTER  
FIRE RIFLES WITH TEFLON COATED ACTION BAR  
ASSEMBLY, BOLT AND BOLT CARRIER

The following is a summary of tests conducted on Model 742 rifles with Teflon coated components:

One hundred and ten (110) rifles with Teflon coated action components were compared with rifles without Teflon coating. An increase in the gallery acceptance rate and a reduction in Bolt opening force was noted with the coated parts.

Two (2) Teflon coated rifles were test fired 500 rounds. There was no breakdown of Teflon coating.

Two (2) Teflon coated rifles were sent to Bridgeport for extensive test firing. After 850 rounds had been fired in one rifle and 1500 in the other, there was no breakdown in the Teflon coating.

Two (2) Teflon coated rifles without lubrication and one (1) standard production rifle with normal lubrication were dry cycled 5000 times. The Bolt opening force in the Teflon plated rifles was less through the first 3000 cycles. At that point, the regular rifle began to equal the opening force of the Teflon plated rifle.

The economics for the Teflon coating are attached and indicate a 150.0% return on investment. This is obtained at an increase in component cost and a reduction in testing costs. The normal rejections at gallery test should be under 10%. When this is

EXHIBIT 2