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Remington Arms Company Inc.

RESEARCH & DEVELOPMENT TECHNICAL CENTER
315 WEST RING ROAD
ELIZABETHTOWN, KY 42701
(T&P Series "B")

This test evaluates the effect(s) of extreme low temperatures on the functioning performance of firearms. Rifle B-1 (serial # 71008100) and 100 rounds of ammunition (Remington R270W2, Lot # M29NB6628) were put in the freezer set at a -20°F for a minimum of six hours. After six hours the rifle and 20 rounds were removed from the freezer and shot with the safety being cycled every five rounds. The rifle was then replaced in the freezer for a minimum of two hours. This procedure was repeated until the 100 rounds had been shot through the rifle.

There were 12 misfires noted during the 100 rounds of testing. All misfires had a light indent.

3.4.1.3 TLW0407A1 - Heat & Humidity Test

(T&P Series "B")

For this test, rifle B-4 (serial # 71008118) was placed in the environmental chamber with 100 rounds of ammunition (Remington R270W2, Lot # M29NB6628) for a minimum of six hours. The chamber was set at 100°F and 80-90% Relative Humidity. After the initial six hours of conditioning the rifle and 20 rounds of ammunition were removed and shot in the test jack. The safety was cycled every five rounds. Every 20 rounds the test was repeated. There were no malfunctions noted during this test.

Aug. '01 Trial & Pilot Test - Remington M/710 Centerfire Rifle;
R & D Technical Center Project No. 241039; TLW 0407
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Subject to Protective Order - Williams v. Remington

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