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

## **M/710 CENTERFIRE RIFLE TRIAL & PILOT TEST PLAN**

### **Introduction:**

This test is designed with the assumption that a production run of at least 300 rifles will be produced by the Mayfield plant using all available production processes intended for use in manufacturing this model. Thirty (30) rifles will be selected at random from the sample lot of 300 for use as Trial & Pilot evaluation samples.

The sample of 30 rifles will be divided into 3 groups of 10 rifles each; A1-A10, A11-A20 and A21 to A28 (two rifles of the 30 will be selected and sent to marketing for review.) Rifles A1-A30 will be used initially for visual and packaging evaluation. Rifles A11-A20 will be used for measurements and A21 to A28 will be used for initial accuracy using a high quality 36X scope to establish the baseline accuracy of the rifle without the included Bushnell scope, as well as bore-sight verification using the production Bushnell scope.

All 28 rifles will be shot, 10 rounds each, as a safety precaution with a lanyard prior to the continuation of the testing. After completion of the 10 round lanyard test, each rifle will be shot with 100 rounds of Remington ammunition, (5 types of 20 rounds each type), using the jack to establish the basic product malfunction rate.

Rifles A1-A10 will then be shot, in the jack, an additional 400 rounds each using a variety of Remington and major competitor's ammunition to evaluate malfunction rates, magazine box endurance and reliability and other wear and breakage characteristics.

Rifles A11-A20 will be used as samples for Environmental Testing and Abuse Testing.

Rifles A21 to A30 will be for a 200 round test of the Scope System for stability and reliability at 0, 100 and 200 round intervals.

J.R.Snedeker

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