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

Remington Arms Company, Inc.

Test Report – Trial & Pilot Test

August 2001

M/710 Centerfire Rifle

Caliber: 270 Winchester

ABSTRACT:

This Report covers the results of the Trial & Pilot Testing (T&P) procedures performed on the Remington M/710, 270 Win. Centerfire Rifle during December 2000 through July 2001 at the Remington Arms Company, Inc., Research & Development Technical Center located at Elizabethtown, KY.

This Testing Program was designed around the goal of determining if this new product met design specifications as specified by R&D and produced using production methods and processes at the Remington Arms Mayfield KY plant.

Several "information only" tests were also conducted during the same test program for the purpose of evaluating the products under extreme conditions.

The following general grouping of test procedures were used to determine product and process capability.

1. – Headspace and Proof Checks
2. – Initial Inspections, Tests and Measurements
3. – Firearms Measurements
4. – Functional / Endurance Testing
5. – Accuracy
6. – Environmental Tests

It should be noted that although there were a couple of minor areas of concern (primarily pertaining to firing pin head assembly, Magazine Box and Bolt Stop function), the team determined that the product presented no concerns relative to safety. There were also some concerns with the Bushnell optics that still must be addressed by Mayfield. With the understanding that these concerns will be addressed prior to warehousing, the team concluded that production could proceed and product released for shipment to the warehouse.

After reviewing each of the individual tests in the program and taking the entire series of T&P tests as a whole, the Research Test Lab and the Research Design Group have concluded that this product met the acceptance requirements as set forth by the Trial & Pilot Test Plan.

Report Prepared By:

J. R. Sneider

/ August 2001.

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R & D Technical Center Project No. 241039; TJ.W 0407
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