

Snedeker, Jim

From: Danner, Dale
Sent: Monday, September 25, 2000 3:34 PM
To: Bristol, II Ronald H.; Golemboski, Matt R.; Diaz, Danny; Keeney, Mike; Snedeker, Jim; Franz, Scott; Russo, Alfred D.
Subject: M/710 T&P Bullet List

Everyone,

Attached is a revised "bullet list" of intended M/710 T&P tests. A detailed procedure around each of these items will be issued later today. Once general agreement is in place on the plan we will publish a timeline for the effort.

Per request each of the bulleted items is denoted as a SAAMI or REMington test. In a few cases both SAAMI and Remington are listed since the test fulfills both the SAAMI requirement as well as providing data in support of Remington criteria. For example, SAAMI trigger pull is 3 lbs. minimum however Remington specification is 4 - 5 lbs.

Based on a discussion with Russo we will use warehouse audit criteria for "out-of-box" cosmetic acceptability. In addition, Russo will either be onhand during the first day of T&P to review the product -OR- we will ship the best and worst sample to him for his review.

The packaging drop test procedure will be TBD pending our understanding of what Remington has done in the past -- and how we want to deal with shipping the product with a scope attached.

Additions to the plan from Rev. 0 include:
Enhanced Visual Quality Inspection
ISS Function Check
Packaging Drop Test
Intentional Abuse

Deletions from Rev. 0 include:
Shoulder Function Test

Please let me know comments ASAP as I'd like to complete the plan and get a timeline put together and published.
Dale


Model 710 TP Action
Items Rev 1...

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ELIZABETHTOWN, KY 42701

Model 710 T & P Action Items – Rev. One

Trial and Pilot target manufacturing quantity will be 300 guns of which Etown will randomly select 30 pieces. Scope of the test will be as following:

- Preliminary Measurements
 1. Initial Headspace & Proof – Mayfield activity (SAAMI)
 2. Visual Quality Inspection (REM)
 - Packaging Inventory
 - Rifle Cosmetic Evaluation
 - System/Process Inspections
 - Bolt Stop Function Check
 - Insert Support Bracket Screw
 - ISS Function Check
 - Best and Worst Product Shipped to Marketing for Review
 - Crown Inspection
 3. Headspace (SAAMI)
 4. Firing Pin Indent (SAAMI)
 5. Sear Engagement (REM)
 6. Sear Lift (REM)
 7. Firing Pin Head/Sear Engagement (REM)
 8. Trigger Pull (SAAMI / REM)
 9. Safe On/Off Force (SAAMI / REM)
 10. Bolt Lift/Closing Force (REM)
 11. Chamber Casts/Measurements (SAAMI)
 12. Bore Diameter/Groove Diameter (SAAMI)
 13. Magazine Box Weld Strength Test (REM)
- Function/Endurance
 1. Jack Function Test (SAAMI / REM)
 2. Bore Sight (REM)
 3. Accuracy/Group Size (REM)
 4. Endurance (REM)

Trial & Pilot - Remington Model 710 Bolt Action Centerfire Rifle, .30-06 Caliber
R & D Technical Center Project No. 241095

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- Abusive Tests
 1. SAAMI Drop, Jar-Off & Rotation (SAAMI)
 2. Slam Test (REM)
 3. Environmental Tests – Hot, Cold, Heat & Humidity (REM)
 4. Packaging Drop Test (REM)
 5. Intentional Abuse / High Pressure (REM)

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