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

All required phases of testing were completed successfully, with no issues or problems encountered. A summary of results follows for each measurement and test. These results are average or overall numbers for all guns combined. Individual gun results and measurements are available upon request. This data will be stored in the Test Lab Central Files under TLW 0822.

A number of individual gun measurements were measured as Out of Specification for Trigger Pull, Engagement and Over Travel. The actual values noted for these guns are included below for reference purposes. One gun was out on Trigger Pull (under 4.0 lbs.) as measured with E-town's Spring Scale. The value noted is within a range that can be considered measurement error or site to site variation as determined by a recent study on Trigger Pull done by Brian Rages. This further emphasizes the need to refine Trigger Pull measurement methods at the manufacturing sites. The two guns measured out for Engagement were less than .001" over the Max. specification, again arguably within the range of measurement error. This same comment holds for the guns just out for Over Travel.

After testing two guns fire controls were disassembled so that critical dimensions could be checked on the Connectors. All dimensions checked were within specification on these two parts except for the .075"  $\pm$  .025" characteristic on one part. This was measured as .118". The angle that corresponds to this surface ( $2^{\circ} 30' \pm 30^{\circ}$ ) was within specification on both parts. This measurement was checked on E-town's MicroVu system. Since this is a difficult measurement to make and it is not consistent with Mayfield's inspection method E-town encourages Mayfield to check this operation for conformance to specification.

**Test Results:**

- **Measurements as Rec'd (All 15 guns)**
  - **Trigger Pull (spec. is 4.0 – 5.5 lbs.)**
    - **Avg. = 4.82 lbs.**
    - **Std. Dev. = .41 lbs.**
    - **One gun Measured out of Spec. – Was 3.67 lbs.**
  - **Engagement (spec. is .020 - .025 in.)**
    - **Avg. = .024 in.**
    - **Std. Dev. = .001 in.**
    - **2 guns Measured Out of Spec. – Both at .0258 in.**

April '02 – M710 Testing – "Holeless" Connector and Tempered Scope Mount Screw Test;  
R & D Technical Center Project No. 241230; TLW 0822  
file: C:\Program Files\TCDE\CrackerLoader\REM\REM\mail\rawblob\20060120103807A00009994.doc

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Subject to Protective Order - Williams v. Remington

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