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TLW0010

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

- Both guns B-4 and B-7 were thoroughly cleaned, the 60 degree cone shaped engagement screw installed, and the fire controls adjusted to nominal engagement and pull criteria.
- Two of the three tests were rerun on 10/11/00. Specifically, these included the Field Debris Test and the Dynamic Sand and Dust Test.
- Gun B-7 (modified as noted above) was selected for the Field Debris Test.
- The firearm was subjected to debris and the test was executed per standard procedure.
- All rounds fired normally with the exception of round #2, which Failed-to-Feed properly from the magazine box.
- At the end of each five round sequence per standard procedure the safety was cycled with the intervening 10-lbs. pull on the trigger. No discharges occurred.
- This completed the Field Debris Test. At no time did an inadvertent discharge occur.
- Gun B-4 (modified as noted above) was selected for the Dynamic Sand and Dust Test.
- The firearm was subjected to the blowing debris in the test box per standard procedure.
- The firearm was removed from the box and relocated to the endurance facility.
- The "primed case" portion of the test successfully passed as indicated by the primed case successfully firing.
- The magazine was loaded with four rounds and inserted into the firearm. It immediately fell out of the gun into the spent round container. The gun was carefully examined and the latch mechanism operated by hand to "free it up". The magazine was shaken in an attempt to remove as much debris as possible from the assembly (At this point the observer considered the magazine status irrelevant to the test). The magazine was reinserted into the firearm.
- The bolt was pushed forward and closed chambering the first round. The magazine was removed and the top round was replaced to bring the magazine content back up to four rounds. The magazine was reinserted into the firearm.
- The safety was moved to the fire state and the trigger pulled. Round fired.
- The bolt was opened and pulled back ejecting the first spent case.
- The bolt was pushed forward in an attempt to chamber the second round. The second round Failed-to-Feed correctly from the magazine box (Stem-Low). The magazine was removed from the firearm along with the second round.

Jan 2001 Design Acceptance Test Remington M710 Centertire Rifle;
R & D Technical Center Project No. 241039; TLW 0010
file: E:\Test Reports\Firearms Tests\M710_DAT_REPORT_JAN01_Rev1.doc

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Subject to Protective Order - Williams v. Remington