

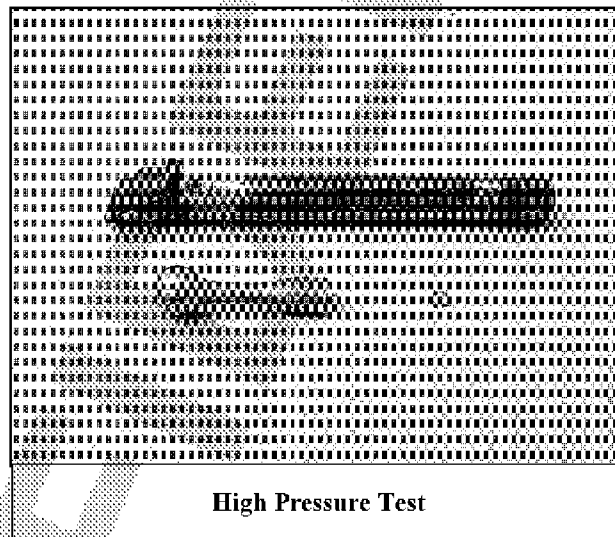
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Remington Arms Company Inc.
RESEARCH & DEVELOPMENT TECHNICAL CENTER
315 WEST RING ROAD
ELIZABETHTOWN, KY 42701

3.5.2.2 TLW0010AX – High Pressure Test

This test evaluated the effects of extremely high pressure on the strength of the rifle system. A purpose of this test is to determine the extent of damage that might occur if an individual purposely or accidentally produces a handload that generates a load approximately twice normal factory load pressure. The approximate pressure generated in this test is in the range of 120,000 psi. Although the bolt handle broke off the bolt, the bolt lugs held as did the locking lug area of the receiver. It is believed that the bolt handle was broken during the test when the lanyards used to close the bolt remotely placed excessive stress on the bolt handle during recoil. This stress combined with a poor braze attaching the handle to the bolt resulted in the failure.

There were no other indications of damage to the firearm. No damage to the witness paper was observed.

**3.5.2.3 TLW0010AY – Obstructed Bore Test**

One of the sample rifles had a rifle bullet driven into the bore to a position immediately ahead of the chamber. A standard round (.30-06, 220 gr. factory load) was loaded and fired remotely. All testing was done in the

Jan 2001 Design Acceptance Test Remington M710 Centrefire Rifle;
R & D Technical Center Project No. 241039; TLW 0100
file: E:\Test Reports\Firearms Tests\M710_DAT_REPORT_JAN01_Rev1.doc

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Subject to Protective Order - Williams v. Remington