

CONFIDENTIAL

TLW0010

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

PART A

ABSTRACT:	6
INTRODUCTION	7
1.0 PURPOSE & SCOPE OF TEST PROGRAM	8
1.1 PURPOSE	8
1.2 SCOPE	8
2.0 EXECUTIVE SUMMARY	8
2.1 TEST SUMMARY TABLE	9
3.0 DATA SUMMARY	13
3.1 INITIAL INSPECTIONS, TESTS & MEASUREMENTS	13
3.1.1 <i>Headspace & Proof Testing</i>	13
3.1.1.1 TLW0010A – Measure Headspace	13
3.1.1.2 TLW0010B – Proof Test	13
3.1.1.3 TLW0010C – Re-Measure Headspace after Proof Test	13
3.1.2 <i>Forces</i>	13
3.1.2.1 TLW0010D – Firing Pin Indent	13
3.1.2.2 TLW0010E – Sear/Trigger Engagement and Sear Lift	14
3.1.2.3 TLW0010F – Trigger Pull Forces	14
3.1.2.4 TLW0010G – Safe On/Off Forces	15
3.1.2.5 TLW0010H – Bolt Lift and bolt closing Forces	15
3.1.2.6 TLW0010I – Magazine Spring Force	15
3.1.2.7 TLW0010J – Recoil Force	16
3.1.2.8 TLW0010K – Lock Time	16
3.1.2.9 TLW0010AZ – Firing Pin Head to Sear Engagement	17
3.1.3 <i>Weights of Major Components</i>	17
3.1.3.1 TLW0010L – Overall Weight	17
3.1.3.2 TLW0010M – Weight of Stock Assembly	17
3.1.3.3 TLW0010N – Weight of Barrel Assembly	18
3.1.3.4 TLW0010O – Weight of Bolt assembly	18
3.1.4 <i>Lengths of Major Components</i>	18
3.1.4.1 TLW0010P – Overall Length	18
3.1.4.2 TLW0010Q – Barrel Length	18
3.1.4.3 TLW0010R – Length of Pull	18

Jan.2001 Design Acceptance Test Remington M/710 Centerfire Rifle;
R & D Technical Center Project No. 241039; TLW 0010
file: F:\Test Reports \ Firearms Tests \ M710_DAT_REPORT_JAN01_Rev1.doc

Page 3

CONFIDENTIAL

REV. 1 - 09/24/06 RJS/LHR

Subject to Protective Order - Williams v. Remington