

CONFIDENTIAL

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

3.1.5	<i>Gun Characteristics</i>	18
3.1.5.1	TLW0010S – Balance Point.....	18
3.1.5.2	TLW0010T – Drop at Heel and Comb.....	19
3.1.5.3	TLW0010U – 40 lb. Trigger Pull Test.....	19
3.1.6	<i>Firearms Measurements</i>	21
3.1.6.1	TLW0010V – Chamber Cast.....	21
3.1.6.2	TLW0010W – Bore Diameter.....	22
3.1.6.3	TLW0010X – Groove Diameter.....	22
3.1.6.4	TLW0010Y – Twist Rate (.30-06).....	23
3.1.6.5	TLW0010Z – Magazine Capacity Test.....	23
3.2	FUNCTION & ENDURANCE TESTING.....	25
3.2.1	<i>Function & Endurance Testing</i>	25
3.2.1.1	TLW0010AA – Basic Jack Function Test (to 200 Rounds).....	25
3.2.1.2	TLW0010AB – Basic Shoulder Function Test.....	29
3.2.1.3	TLW0010AC – Extended Function & Endurance.....	31
3.2.1.4	TLW0010AD – Clean Rifles and Inspect.....	33
3.2.1.5	TLW0010AE – Dry Cycle to 5000 Cycles.....	33
3.3	ACCURACY TESTING.....	35
3.3.1	<i>Accuracy & POI Testing</i>	35
3.3.1.1	TLW0010AF – Point of Impact.....	35
3.3.1.2	TLW0010AG – Group Size at 100 Yards.....	37
3.4	ENVIRONMENTAL TESTING.....	37
3.4.1	<i>Temperature & Humidity Testing</i>	37
3.4.1.1	TLW0010AH – Hot Function Test.....	37
3.4.1.2	TLW0010AI – Cold Function Test.....	38
3.4.1.3	TLW0010AJ – Thermal Cycle Test.....	38
3.4.1.4	TLW0010AK – Heat & Humidity Test.....	38
3.4.2	<i>Debris Testing</i>	39
3.4.2.1	TLW0010AL – Dynamic Sand & Dust Test.....	44
3.4.2.2	TLW0010AM – Static Sand & Dust Test.....	44
3.4.2.3	TLW0010AN – Field Debris Test.....	44
3.4.3	<i>Misc. Tests</i>	44
3.4.3.1	TLW0010AO – Run Test.....	44
3.4.3.2	TLW0010AP – Solvent Testing.....	44
3.5	ABUSIVE TESTING.....	46
3.5.1	<i>Impact Testing</i>	46
3.5.1.1	TLW0010AQ – SAAMI Drop Test.....	46
3.5.1.2	TLW0010AR – SAAMI Jar-Off Test.....	47

Jan.2001 Design Acceptance Test Remington M/710 Centerfire Rifle;
R & D Technical Center Project No. 241039; TLW 0100
file: F:\Test Reports\Firearms Tests\M710_DAT_REPORT_JAN01_Rev1.doc

Page 4

CONFIDENTIAL

REV. 1 - 02/24/06 RJS/LRM

Subject to Protective Order - Williams v. Remington

BARBER - 5.30.06R0002149

ETE00002148