

CONFIDENTIAL

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

3.1.4	<i>Gun Characteristics</i>	25
3.1.4.1	TLW0300R – Balance Point – “System” (Includes Scope and Mount Rails).....	25
3.1.4.2	TLW0300S – Balance Point – Rifle Only (Without Scope, Rails and w/ Iron Sights).....	25
3.1.5	<i>Firearms Measurements</i>	26
3.1.5.1	TLW0300T – Chamber Cast.....	26
3.1.5.2	TLW0300U – Bore Diameter.....	26
3.1.5.3	TLW0300V – Groove Diameter.....	26
3.1.5.4	TLW0300W – Twist Rate (.30-06).....	26
3.1.5.5	TLW0300X – Magazine Capacity Test.....	27
3.2	FUNCTION & ENDURANCE TESTING.....	28
3.2.1	<i>Function and Endurance Testing</i>	28
3.2.1.1	TLW0300Y – Ten (10) Round Safety Function Test with Load.....	28
3.2.1.2	TLW0300Z – Basic Jack Function Test (100 Rounds with Remington Ammunition.).....	28
3.2.1.3	TLW0300AA – Extended Function & Endurance (400 Rounds w/ Remington & Competitive Ammunition.).....	29
3.2.1.4	TLW0300AB – Clean Rifles and Inspect.....	35
3.3	ACCURACY AND POI TESTING.....	35
3.3.1	<i>Accuracy and POI Testing</i>	35
3.3.1.1	TLW0300AC – POI & Group Size – Initial Test with High Quality 36X Scope.....	35
3.3.1.2	TLW0300AD, AE and AF – Group Size and POI at 100 yards (System Stability Test, w/ Bushnell Scope @ “zero” rounds, “20” rounds and at “40” rounds).....	36
3.4	ENVIRONMENTAL TESTING.....	37
3.4.1	<i>Temperature & Humidity Testing</i>	37
3.4.1.1	TLW0300AG – Hot Function Test.....	37
3.4.1.2	TLW0300AH – Cold Function Test.....	37
3.4.1.3	TLW0300AI – Heat & Humidity Test.....	37
3.5	ABUSIVE TESTING.....	38
3.5.1	<i>Impact Testing</i>	38
3.5.1.1	TLW0300AJ – SLAM Testing.....	38
3.5.1.2	TLW0300AK – SAAMI Drop Test – “System” (Includes Scope and Mounting Rails).....	39
3.5.1.3	TLW0300AL – SAAMI Jar-Off Test – “System” (Includes Scope and Mounting Rails).....	39
3.5.1.4	TLW0300AM – SAAMI Rotation Test – “System” (Includes Scope and Mounting Rails).....	39
3.5.1.5	TLW0300AN – SAAMI Drop Test - Rifle Only (Without Scope and Mounting Rails and w/ Iron Sights).....	39
3.5.1.6	TLW0300AO – SAAMI Jar-Off Test – Rifle Only (Without Scope and Mounting Rails and w/ Iron Sights).....	39
3.5.1.7	TLW0300AP – SAAMI Rotation Test - (Without Scope and Mounting Rails and w/ Iron Sights).....	39
3.5.2	<i>Intentional Abuse</i>	40
3.5.2.1	TLW0300AQ – Pieced Primer Test.....	40
3.5.2.2	TLW0300AR – High Pressure Test.....	40
3.5.2.3	TLW0300AS – Obstructed Bore Test.....	42

Jan. '01 Trial & Pilot Test - Remington M/710 Centerfire Rifle;
R & D Technical Center Project No. 241039; TLW 0300
File F:\Test Reports\Firearms Tests\710 T&P_3006\M710_T&P_REPORT_JAN01_Rev0.doc

Page 4

CONFIDENTIAL

REV. 0-05-2016 JRE/JAN