

CONFIDENTIAL

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

INTRODUCTION:	4
INITIAL TESTS, MEASUREMENTS AND INSPECTIONS:	5
<i>VISUAL EXAMINATION, PACKAGING AUDIT, PACKAGING TEST AND SELECTION OF "BEST" AND "WORST"</i>	
<i>EXAMPLES - TLW0300A THROUGH TLW0300D:</i>	<i>5</i>
TLW0300A - Visual Examination	5
TLW0300B - Packaging Audit	8
TLW0300C - Packaging Test	9
TLW0300D - Selection of "Best" and "Worst" Examples for Marketing Review	9
<i>HEADSPACE AND PROOF - TLW0300E THROUGH TLW0300G:</i>	<i>10</i>
TLW0300E - Measure Headspace	10
TLW0300F - Proof Test	11
TLW0300G - Re-Measure Headspace after Proof	14
<i>FORCES - TLW0300H THROUGH TLW0300O AND TLW0300I:</i>	<i>15</i>
TLW0300H - Measure Firing Pin Indent	15
TLW0300I - Measure Scar/Trigger Engagement and Scar Lift	16
TLW0300J - Measure Trigger Pull Forces	17
TLW0300K - Measure Safe On/Off Forces	17
TLW0300L - Measure Bolt Lift and Bolt Closing Forces	18
TLW0300M - Measure Magazine Spring Force	19
TLW0300N - Firing Pin Head / Scar Engagement	20
TLW0300O - Bolt Stop Function Check	20
TLW0300P - Function Check of ISS System	21
TLW0300Q - Magazine Box Weld Strength Test	21
TLW0300T - Perform Bore Sighting Using Bushnell Scope	22
<i>GUN CHARACTERISTICS - TLW0300R THROUGH TLW0300S:</i>	<i>23</i>
TLW0300R - Balance Point - "System (includes the Scope and mount rails)"	23
TLW0300S - Balance Point - Rifle Only (Without Scope, rails and Iron Sights)	24
<i>FIREARMS MEASUREMENTS - TLW0300T THROUGH TLW0300W:</i>	<i>25</i>
TLW0300T - Chamber cast	25
TLW0300U - Bore Diameter	25
TLW0300V - Groove Diameter	26
TLW0300W - Twist Rate (1:10-16)	26

J.R.Snedeker

Page 2 of 51

9:45 AM 9/21/00

TLW0300

Remington Confidential

Revision # 0