

CONFIDENTIAL

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

INTRODUCTION:4

INITIAL TESTS, MEASUREMENTS AND INSPECTIONS:.....5

VISUAL EXAMINATION, PACKAGING AUDIT AND PACKAGING TEST - TLW0407A THROUGH TLW0407C:.....5

 TLW0407A / TLW0407B – Visual Examination & Packing Material Audit..... 5

 TLW0407C – Packaging Test..... 6

HEADSPACE AND PROOF - TLW0407E THROUGH TLW0407G:.....6

 TLW0407E – Measure Headspace..... 6

 TLW0407F – Proof Test..... 7

 TLW0407G – Re-Measure Headspace after Proof.....10

FORCES - TLW0407H THROUGH TLW0407O AND TLW0407T:..... 11

 TLW0407H - Measure Firing Pin Indent..... 11

 TLW0407I - Measure Scar/Trigger Engagement and Scar Lift..... 13

 TLW0407J - Measure Trigger Pull Forces..... 14

 TLW0407K - Measure Safe On/Off Forces..... 14

 TLW0407M - Measure Magazine Spring Force..... 15

 TLW0407N – Measure Firing Pin Head / Scar Engagement..... 16

 TLW0407O – Bolt Stop Function Check..... 17

 TLW0407P – Function Check of ISS System..... 17

 TLW0407AT – Perform Bore Sighting Using Bushnell Scope..... 19

FIREARMS MEASUREMENTS - TLW0407T THROUGH TLW0407X:..... 20

 TLW0407T - Chamber cast..... 20

 TLW0407U - Bore Diameter..... 20

 TLW0407V - Groove Diameter..... 21

 TLW0407W - Twist Rate (.270)..... 21

 TLW0407X - Magazine Capacity Test..... 21

FUNCTION & ENDURANCE TESTING:23

FUNCTION AND ENDURANCE TESTING - TLW0407Y THROUGH TLW0407AB:..... 23

 TLW0407Y – Ten (10) Round Safety Function Test with Lanyard: 23

 TLW0407Z - Basic Jack Function Test (100 Rounds w/Rem. Ammo): 23

 TLW0407AA - Extended Function & Endurance (400 Rounds w/Rem. & Competitive Ammo):25

J.R.Snedeker

05/24/06

TLW0407

Remington Confidential

Revision # 2