

CONFIDENTIAL

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

TLW 1012

INTRODUCTION:	4
INITIAL INSPECTIONS, MEASUREMENTS AND TESTS:	4
TLW1012A -Incoming Parts Inspection:	4
TLW1012B -Measure Headspace:	4
TLW1012C -Proof Test:	5
TLW1012D -Re-Measure Headspace after Proof:	7
TLW1012E -Extended Proof Test – 100 Rounds:	7
TLW1012F -Measure Trigger Pull Forces:	8
TLW1012G -Measure Bolt Lift / Bolt Closing Forces (for information):	8
TLW1012H -Measure Magazine Spring Force (for information only):	9
TLW1012I -Function Check of ISS:	9
TLW1012J -Measure Firing Pin Indent:	11
TLW1012K -Magazine Capacity Test:	12
TLW1012L -Safety Operation (SAAMI Test):	13
TLW1012M - 40 lb. Trigger Pull Test (Remington Test):	13
TLW1012N -Measure Sear / Firing Pin Head Engagement & Trigger / Sear Engagement:	14
TLW1012O -Trigger Movement, Safety On, (10 lb. Pull):	15
TLW1012P -Regain:	15
TLW1012Q -Live Round Extraction:	16
TLW1012R -Chamber cast:	17
TLW1012S -Measure Bore Diameter:	18
TLW1012T -Measure Groove Diameter:	18
TLW1012U -Measure Twist Rate:	19
TLW1012V -Measure Weight of Rifle:	19
TLW1012W -Inspect for Barrel Free-Float:	19
FUNCTION & ENDURANCE TESTING:	20
TLW1012X -Basic Jack Function Test (to 200 Rounds (approximately)):	20
TLW1012Y -Basic Shoulder Function Test (to 400 rounds (approximately)):	21
TLW1012Z -Extended Function & Endurance:	22
TLW1012AA -Clean Rifles and Inspect:	23
ACCURACY TESTING:	24
TLW1012AB - Group Size at 50 yards – (Remington/ley 22 Match EPS):	24
TLW1012AC - Group Size at 50 yards – (Multiple Ammunition Types):	25
ENVIRONMENTAL TESTING:	26
TLW1012AD - Hot Function Test:	26
TLW1012AE - Cold Function Test:	27
TLW1012AF - Thermal Cycle Test:	27
TLW1012AG - Heat & Humidity Test:	28
TLW1012AH - Field Debris Test:	29
TLW1012AI - Dynamic Sand & Dust Test:	30
ABUSIVE TESTING:	32
TLW1012AJ - S.A.A.M.I. In-Off Test:	32
TLW1012AK - S.A.A.M.I. Rotation Test:	33
TLW1012AL - S.A.A.M.I. Drop Test:	33
TLW1012AM - Extended In-Off Test (for Information only.) -	34
TLW1012AN - Extended Rotation Test (for Information only.)	35
TLW1012AO - Extended Drop Test (for Information only)	35
TLW1012AP - Obstructed Bore Test:	36

J.R. Snedeker

Page 2 of 41

03/21/03

Remington Confidential

Revision # 1.3

C:\Program Files\TCDF\CrackerLoaderREM\REME\email\rawblob\20060120133028A00024912.doc

Subject to Protective Order - Williams v. Remington