

CONFIDENTIAL

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

TLW 1012Data Required:

- Rifle serial number
- Record and note any headspace growth and the corresponding round level.
- Record significant gas leakage and/or firearm damage.
- Record any case damage or other ammunition related malfunctions.
- Record any damage to the firearm resulting from the proof test. Document with Photographs if necessary.
- TLW Number
- Testers' Names

TLW1012D -Re-Measure Headspace after Proof

All test samples will be re-measured for headspace after proof and before being tested in either the jack or shot from the shoulder. The chamber, bolt face & locking lugs will be inspected for the presence of dirt or debris. If dirt or debris that could affect headspace measurement is present then these areas of the firearm will be thoroughly cleaned before using the gauges.

Method:

- Graduated headspace gauges (if available) will be used and the headspace measurements will be recorded to the nearest .001" increment as indicated by the gauge. The .22 L.R. chamber drawing E-100849 will be used for referenced chamber dimensions.
- The headspace measurement taken prior to the proof test should be less than or equal to Min. + .005". If, after proof, the growth of the headspace is more than + .002" from the pre-proof condition, then stop and review the results with the test manager before continuing to the next phase of the test.
- In no case should the measurement for headspace after initial proof test be greater than min. +007" for a new firearm.
- If at any time during the test program the headspace exceeds a maximum of Min. + .008" do not continue to fire the rifle, tag the gun with a label reading "Do Not Shoot This Firearm - Exceeds Maximum Allowable Headspace" and return the firearm to the Test Manager for disposition.

Data Required:

- Rifle serial number
- Record and note any headspace growth and round level.
- TLW Number
- Testers' Names

TLW1012E -Extended Proof Test - 100 Rounds

To determine if the lock-up system will resist changes to headspace under load sample rifles will be subjected to a hundred round test using proof ammunition. Headspace will be monitored and recorded at various round levels throughout the test to ensure that headspace does not change significantly. Two rifles will be selected for use with this test.

Method:

- Fire proof rounds through rifle in the blow-up room using a lanyard.
- For the first 10 rounds, measure the headspace after each round.
- For rounds 11 to 25, measure the headspace after every 5 rounds.
- For rounds 26 to 100 measure the headspace after the 50th, 75th & 100th round.
- In no case can the headspace on a given rifle exceed Min. + .008"
- Examine all rifles visually for signs of damage before proceeding to the jack fired test following.

J.R. Snedeker

Page 7 of 41

03/21/03

Remington Confidential

Revision # 1.3

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