

**CONFIDENTIAL**

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

**TLW 1012**

- For rounds 3 and 4 close, lock and open the bolt at a "medium" speed.
- For rounds 5 and 6 close, lock and open the bolt "smartly & quickly".
- Repeat 6-round cycle with the next 6 rounds of this type of ammunition.
- Collect and account for all extracted rounds from the bottom of the belly protector.
- Repeat process of slow, medium, and fast loading and extraction for each of the other ammunition types.

Data Required:

- Types of ammunition used for the test
- Test Jack used for test.
- Results of each trial by round number, ammunition type and feed/extraction rate (i.e. "slow", "medium", or "fast")
- Rifle serial number
- TLW Number
- Testers' Names

**Ammunition Schedule for Live Round Extraction Test**

<b>A</b>	<b>Remington/Eley 22 Match EPS</b>	<b>RE22EPS</b>
<b>B</b>	<b>Remington Viper, .22 Long Rifle</b>	<b>1922</b>
<b>C</b>	<b>Winchester .22 LR Target</b>	<b>XT22LR</b>
<b>D</b>	<b>Federal .22 LR Gold Medal Match</b>	<b>900</b>
<b>E</b>	<b>CCI .22 LR Green Tag</b>	<b>00033</b>
<b>F</b>	<b>PMC .22 LR Scoremaster</b>	<b>22SM</b>

**TLW1012R -Chamber cast:**

Use the .22 LR - Remington chamber drawing for reference. (Ref: Remington Chamber Drawing E-EXP8261, rev. J Barrel.)

Method:

- Make chamber cast using standard procedure as listed in the procedure below.
- Use the 30" optical comparator to make the specified measurements.
- Measure the following dimensions:
  - Mouth, .2280" / .2275" & 0.010R fillet @ edge.
  - Chamber length, .6555" / .6455"
  - Chamber diameter @ length, .2260" / .2250".
  - Taper @ chamber length, 5°

Data Required:

- Rifle serial numbers
- Measurements of each dimension or characteristic as listed above by gun serial number
- Testers' Names
- TLW Number

**Test Procedure for making chamber casts:**

Note that Cerrosafe™ has some unique features that make it suitable for making chamber casts. During the first 30 minutes of cooling Cerrosafe™ shrinks making removal from a rifle chamber easier. After about an hour the cast is exactly the size of the chamber in which it was cast.

**Be sure to use all caution when making chamber casts. Although the material melts at a relatively low temperature, the temperature is still hot enough to cause severe burns if spilled on bare flesh. Use protective gloves, clothing and safety.**

J.R. Snedeker

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