

CONFIDENTIAL

Remington Arms Company Inc.
RESEARCH & DEVELOPMENT TECHNICAL CENTER
315 WEST RING ROAD
ELIZABETH TOWN, 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

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

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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