

***CONFIDENTIAL***

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

- |              |          |
|--------------|----------|
| • .5367      | .5367    |
| • 30°Angle - | 30°Angle |
| • .3460      | .3220    |
| • .3450      | .3210    |

**Data Required:**

- Rifle serial numbers
- Record dimensions requested above.

**Test Description:**

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 be 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 glasses with side-shields.**

**Chamber cast procedure:**

- Use Cerrosafe™ chamber casting alloy. As long as it is keep clean, the material can be reused multiple times.
- Clean chamber of the rifle thoroughly and apply a very thin film of oil or graphite.
- Plug the bore of the rifle immediately ahead of the throat with a small rag – but not so tightly it cannot be driven out.
- Melt the Cerrosafe™ in a clean iron ladle. It will melt between 158° and 190°F.
- The source of heat should be removed as soon as the alloy is completely melted, at which time it is ready to pour.
- If practical, pour the molten Cerrosafe™ through a small tube into the bottom of the cast, gradually removing the tube as the chamber fills. A funnel with a heat resistant tube securely attached should work.

J.R.Snedeker  
TLW 0630

Page 20 of 42  
Remington Confidential

05/24/06  
Revision # 0.3