

**Law Enforcement Barrels:**

- Ken advised that the Royal Mounted Police had 59 barrels that had problems after firing five slugs. The RMP claimed that they would have to stop and clean the guns after five rounds (Model 870 smooth bore). The build up looked like rust.
- Chris advised that it maybe plastic build up. He would like to have the bbl's come in for evaluation. The question was raised as to if it was salt or rust they were seeing.
- Ken is going to continue to research. Getting barrels back to Canada is very difficult.
- Steve advised that after awhile the white salt would turn to red as the metal deteriorated.
- Greg Foster sent the team an email requesting we discuss steel ejectors.
- Bob O advised that with the mounted MCS, 3 out of 4 ejectors broke. He found some old steel ejectors and conducted the same test and received the same results, 3 out of 4 broke.
- They are testing in MMF molded 4140 material. In the lab the break strength was higher but the shrink rate was also greater. This would require a new mold tool.
- Jack Kast is evaluating the new style and feels that it should be okay. He will be testing it in receivers and by the looks of the design should be stronger.
- Bob O. advised with try 4140 as is. If it does not break will get "coining" tool. If it does will need to make a new tool with the design.
- **Bob O to give update on drop test next meeting.**

**Notes:**

- **Next meeting will be held on December, 8<sup>th</sup> 2004, 11:00 am – Noon. If you cannot attend the meeting, please let me know as far in advance as possible.**
- **We will follow up next meeting with Bob O's drop test results, Gallery Target and testing specs, Model 332 concerns and the number one repair code issue for centerfire rifles.**