

Custom Firearms Development  
Ilion Research Division

June 14, 1974

MODEL 700Sear

Porosity in our powder metal sear is causing large excursions in coefficient of friction. The result of trigger pulls as high as 7 to 10 pounds is that shooters will attempt to adjust the trigger and get themselves in trouble with firing pin follow down. Some so-called competent gunsmiths produce the same results. We are seriously considering changing back to wrought material and sealing the trigger adjustments permanently.

3-Position Safety

With three lawsuits pending chargeable to poor gun handling on a 788, a 721 and a 700, we are, and have been, working on a 3-position safety lever for the 700. This will allow loading and unloading with the safety lever in the "on" position at all times. Many 3-position safety levers such as the Winchester 70, the '03 Springfield, and the 98 Mauser, will not allow moving the safety lever to the "on" position with the bolt open.

*FINAL PRO DESIGN*  
Enclosed Bolt Head

There is still some doubt that we can develop a system which will improve the safety of the 700. Nevertheless efforts in this direction are being exerted. Some testing of designs, which in addition improve the lock time, has been done. The same proposal applies to the 40XB and 40XR.

New Calibers

Since there are no calibers, at least currently, that could improve the volume on the 700, our recommendation would be to consider the 6x47 bench rest cartridge or an African cartridge such as the .458 - .416. Either of these would have some prestige value and would get Remington's name before the shooting public.

Appearance

Appearance changes just introduced should be sufficient for some time.