

CC: W.L. Clay
G.M. CalhounElion, New York, April 21, 1953

TO: W. R. Scott

FROM: S. M. Alvis

SUBJECT: MODEL 721-M*File
This item on
purpose for
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W. L. CLAY

In regard to Mr. Sharp's question relative to special sales features of the Model 721 Trigger Mechanism, we believe that this has been used as a feature in a number of the advertisements of the Sales Department, in fact, it has been often referred to as the "High Powered Rifle designed with the Match Trigger". Also quoting from the Shooting Editor, Warren Page, FIELD & STREAM magazine, April 1948,

"Its practical accuracy, by the way, is greatly enhanced by an adjustable trigger mechanism directly descended from that of the Model 37 Match Rifle - no military take-up, thank Heaven, adjustable with a screw driver for pull weight and minimum backlash to your taste, crisp and without creep in my rifle. It is a fast action - the firing pin moves only $\frac{5}{16}$ of an inch on release. The sear is not subjected to battering by use as a bolt stop; instead, Remington has used a simple, spring-loaded lever rising into the left side of the receiver, actuated by a button release just forward of the trigger."

Actually, since this rifle was introduced, we have discontinued describing the Model 721 Fire Control as having an "adjustable trigger"; in fact, we have gone so far as to seal the trigger adjusting screws at the factory. This is because we found that some of the inexperienced shooters might create a safety hazard by setting their trigger pull adjustment too light. However, the design does lend itself so that the manufacturer can provide for a rather wide range of trigger pull specifications without requiring any change in components.

Regarding Mr. Sharp's comment "that the rifle had an unusual accuracy due to special boring", he no doubt is referring to our draw rifling process which has been standardized in production since this rifle was first introduced, but has not been the subject of any advertising claims because of our desire to protect our interest in the development know-how which is involved. Actually, I think that we could claim, with respect to this order, that the Remington barrel manufacturing process is one which assures a high degree of uniformity for bore and rifling diameters

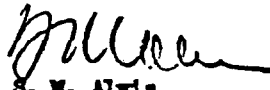
W. R. Scott

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and thus assures a relatively high degree of inherent accuracy. Since there has been a question for some time as to just what we might claim for this process, for reasons described above, we would like to have you clear this statement with G. M. Calhoun before it is released.

We are presently converting over one of the sample rifles for clip loading. In this connection, we find that it will not be possible to accommodate five (5) cartridges in the magazine without increasing the magazine depth and with corresponding allowances in the Stock. We therefore propose to defer making this change in the shooting model, however, it can be taken care of very well in the design for production without any significant change in factory cost.



S. M. Alvis

Arms Research & Development Division

SMA:LJ