

J. H. Chamberlain
file

Illion, New York
January 8, 1963

C. L. THRETON
Jacksonville, Florida

Dear Clay:

Thank you for your interesting letter concerning your test with the XP-100 Pistol. Some of your comments indicate questions that certainly need an answer and thus the reason for this letter.

I am assuming from your test report that you had excellent results in accuracy, long range and low trajectory. I would like to comment concerning the sights. You may not be aware that the appurtenances of a rifle or pistol are the most difficult of our design items and the sights are probably the most difficult of all. We experimented here several years ago with red lucite which provided a luminous appearance, and probably should have obtained a patent on this sight. However, our Patent Department indicated there was not enough patent novelty to be of use to Remington and therefore it was discarded. Since that time we have received notices of 2 or 3 patents from other firms. Actually, we were not too enthused about this material for sights but felt inasmuch as we had expended time and money investigating we should have protection. But it is doubtful we would ever have produced the item because we found during hunting that the glow of this material was so brilliant to the eye that during shooting game the eye would concentrate more on the sight than on the game. Many pistol shooters like real dull sights, especially in target shooting, even using a black block to dull the shine of the sight.

As far as carrying is concerned, of course we are not experts at developing shoulder holsters or side holsters, and therefore cannot comment much on what the vendors will come up with as far as the carrying cases are concerned. However, we have tried a sling strap mounted with quick detachable links which seemed to work quite well. In this manner such a pistol can be carried with the strap over the shoulder and pistol under the opposite arm, or over the shoulder and across the back.

The objective set forth in the sight design was to provide a set of sights which would allow windage and elevation adjustment, would have a rugged appearance without a "stamped" look. This I think we have accomplished, and these sights

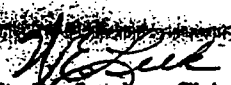
C. L. Thurston

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also provide the partridge type sight picture which is necessary in pistol shooting. If this was an ordinary pistol where it was necessary to adjust the sight elevation for use between 25' and 50' yards, a more versatile elevating device would be necessary. However, the pistol is such a flat shooter that the variation in elevation from point of impact at 25' to 100 yds. is so slight that none but the best of pistol shots pick up the difference. Therefore, I feel sure that with the majority of shooters, once the elevation and windage have been established at, say, 25 and 50 yds., they will never again have to adjust the sights. For the precision off-hand pistol shooter it will be necessary for him to have a micrometer adjusting sight providing $1/4"$ or $1/8"$ clicks so that he can move the group point of impact at will. We are experimenting with such a sight at the present time which can be readily attached to the XP-100, but it will be a rather expensive device and one I am afraid the majority of shooters will not wish to purchase.

Thank you again for your fine letter, and hope you have a lot of success in selling the XP-100 pistols.


W. E. Leek, Chief Designer
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