

bcc: E.F. Barrett
E.S. McCawley
C.B. Workman
J. P. Linde

April 7, 1977

Mr. Elgin T. Gates
Box 628
Needles, California 92363

Dear Elgin:

Thanks for your memo and copy of the "Silhouette" paper. At the gun writers' seminar in Texas last fall Hal Swigget brought me up to date on the XP-100 performance in the 1 $\frac{1}{4}$ "-308. I favor that caliber and cartridge combination along with a 7mm. Some ballistic advantage could be gained by the 7mm and might cut down somewhat on recoil. We will experiment along those lines and see what happens.

The XP-100 certainly is a natural for this sport, providing a better fire control with faster lock times than its counterparts, especially hammer fall types. Also, because of the low moment arm during recoil, less muzzle jump, and therefore less error in bullet flight due to variations in resistance should be experienced with the XP-100. Another feature is strength, and here the XP-100 really shines. The basic receiver is a shortened version of the M/700 which is the strongest action in the world. As handloaders up pressures and velocities to obtain adequate knockdown characteristics, troubles will occur in revolvers and break action pistols. Top straps on revolvers and side plates on break action pistols are high stress areas. When you add it all up into one package the XP-100 is made to order for this exciting new game.

I am retiring from Remington effective May 1, and moving to Green Valley, Arizona, just 20 miles south of Tucson. So I will be right in the heart of silhouette country. My shooting activity will be concentrated toward the center fire and rim fire rifle silhouette area, but will also have a keen interest in the pistol, too.

For continued communication here Mr. Clark Workman is my replacement, and John Linde will be handling all activities in the bolt action rifle and XP-100 activity.

If I can be of further assistance do not hesitate to contact me at my new address, which is: 1530 South Abrego Drive, Green Valley, Arizona 85614.

Regards,



Wayne E. Leek, Manager
Illon Research Division

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