

September 23, 1965

Mr. Ken Judge Glanzer
203 South 124th - K7GCO
Seattle 68, Washington

Dear Ken:

I have been collecting your welcome letters, some of which were forwarded to me to Evanston, Wyoming --- now another one came yesterday, and have gone over them in detail listing some of the questions you have asked and some comments you have made. So if you will pardon the way the letter is set up, I'll take each item as it appeared and further discuss in a general way.

I agree with you that the 175 grain 7MM bullet on elk would probably be the best that you could obtain, and I have been on the lookout for some; they are in short supply and I see by your recent letter that Ted McCawley still advises of short supply at Bridgeport. So I guess we'll all have to be patient until production gets into high gear there and get the 175 on the way.

You have been having exceedingly good luck I take it with the Burnham deer call and I am most anxious to hear what the new deer call that your friend has been demonstrating is like and if it produces. I plan to get into some of this work this winter and will appreciate any help that you can give me on equipment over and above what you have already.

You mentioned the barrel in your XP-100 apparently wasn't the right dimensions. Is this a new barrel that was replaced? You see, some of these items were taken care of here at the plant before I was able to get your letter, and therefore had no opportunity to take a personal hand in making the parts to your specifications. Please advise me on that one.

As far as measuring barrels internally, we use an air gauge. We have found this to be extremely accurate and consistent. One thing with all of this measuring business, one wants to make sure that the bore is absolutely clean. Even with an air gauge, of course, you can pick up dimensions from powder and bullet residue that has been stacked up on the lands and grooves.

Your use of a Knox gelatin for performance (bullet) is what we use and I think you will find it about the best to duplicate for flesh. I believe this method is used by Springfield and Frankford Arsenals, and also at Aberdeen Proving

Mr. Ken Judge Glanzer

-2-

September 23, 1965

Ground, so I would suggest that you continue with that method as you will find none better.

You mentioned also an XP-100 and someone shooting a 6MM in that action. I have one here and it's what we call a 6x47. It is a 6MM on a 222 Rem. Mag. case, which we have certainly no intention of producing, but wanted to try it out because there had been some comments from some of the customers of having had experience and good luck with the 6MM. I haven't tried it on game but it is extremely accurate and ranges up to 200 yds. were not placing any stress on this combination at all. I did not mind the recoil in any manner but I did have difficulties with the noise, however.

Saw your articles on the 7MM and 221 and they were excellent and most complimentary. Thank you for Remington Arms --- we appreciate such articles and know that your comments are based on your true findings.

I don't know whether or not I mentioned an experience that one of my designers and I had with the XP-100; but about two or three years ago we were invited to Aberdeen Proving Ground to put on a demonstration, along with other major gun companies. To show the performance of high velocity, small caliber ammunition on ranges out to 440 yds., this demonstration was before about 200 dignitaries from Washington, most of them high ranking Army, Navy, Air Corps and Marine officials, and officers. I believe the Assistant Secretary of Defense was there also. At least the sky was full of helicopters flying these individuals in. I don't know whether the demonstration was to prove a point for the 223 ArmaLite, but anyhow it was one of the major items demonstrated along with a converted carbine of Melvin Johnsons, a rifle from Germany, utilizing the 223, and of course Mr. Stoner's new combinations of a takeoff from the ArmaLite. He was demonstrating for the Cadillac Gage Company for whom he works.

Our demonstration in a sense was quite meager in that we had no semi or full automatic weapon to show the performance of the 221; it being only a single shot bolt action pistol. But our objective was to show the potency of this little cartridge. I fired five off-hand shots at bobbing targets at 100 yards and made 100% hits, which seemed to amaze them considerably. I don't think anyone in the crowd had ever seen a pistol used for target shooting off-hand with targets at the range of 100 yards. Then my partner, Harold Waterman, an ex-Marine, fired his XP-100 from the bench, five shots at bobbing targets at 440 yards, and made 100% hits, and this really amazed them especially when three demonstrations previously made with rifles in full automatic fire did not touch the 100 yard targets at all, and even single shot shooting, until they could sit down at the bench, failed to connect at quarter of a mile.

Mr. Ken Judge Glanzer

-3-

September 23, 1965

Needless to say, the impression was made by the XP, and we then offered to allow anyone who wanted to shoot the pistol for demonstration, to set right down and try it out. We had approximately 300 rounds of ammunition there and it wasn't long until it had been used up by different individuals. I recall one two star general in the Marine Corps who came down and wanted to shoot the pistol off-hand at 100 yards, and he said he wasn't about to allow any pipe-squeak from Remington Arms to outshoot him with a pistol --- apparently the old boy was plenty good in his day. Well, he only took one shot, and hit the target the first time; so I would say that with a little practice I might have met my match.

Another item that supported the cause of the high velocity, small projectile on the XP was shown where I had previously fired a varmint type bullet at 300 yards from the XP - bench supported - through both sides of our Army steel helmets. As you probably know, this helmet is of a very hard material. It is practically impossible to cut it with a hacksaw or file it with a file, and this really caused some interest.

I don't know whether this demonstration by the XP would ever cause any interest in the military, but I thought you would be interested in the results we obtained there. The interest shown in this pistol was quite fantastic during that period because this was just after its introduction, and I think that practically everyone who was that kind of a "gun nut" bought one. Then there seemed to be a lull in sales for a period of time, and now it is picking up again, mainly I believe due to increased bench rest interest, and the possibility that the satisfied customers are getting phenomenal performance with these pistols and are talking about it. At any rate I am proud of the fact that Remington Arms was progressive enough to support me for producing such an item and I think it has made its mark in the handgun area.

Your experiences with the XP certainly demonstrate the same thing and there is no doubt that some of the boys have made some remarkable groups around 1/4" at 100 yards. If you ever have a chance and can find a range of one quarter mile or so in length, try it out, and you will be amazed at the efficient ballistic performance of this little cartridge. I sometimes wonder how it would perform with armor piercing bullets of 55 grain variety.

That's all for now, Ken. I'll sign off and hope to hear from you soon.

Best regards,

W. E. Leek,
Manager - Firearms Research & Design
Ilion Research Division

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