

cc: Gail Evans
C.A. Nash
S.M. Alvis

Ilion, New York
February 28, 1962

J. D. CRAMMOND
BRIDGEPORT

XP-100

SUGGESTED NEW CALIBER FOR XP-700 PISTOL

I read with interest your letter to Gail Evans suggesting another caliber for the XP-700 Pistol, something in the neighborhood perhaps of the .177. This caliber has been under consideration in the R&D section here at Ilion for a number of years but not especially for the pistol; rather for a varmint type cartridge in general. I also read the article in the Feb. 1962 issue of Guns and Ammo discussing this .177 caliber.

I am in agreement that such a caliber should be placed under investigation and would follow with interest the results, especially as it might pertain to applications to the pistol as well as the XC-13 rifle.

~~In previous investigations of the possibilities of introducing this caliber we did run into several production difficulties. One was the difficulty that would be presented to the Plant in the drilling of such a small hole in a rifle barrel. However, in a pistol barrel some of these difficulties would be reduced.~~

It is my personal opinion that such a caliber would not take the place of any of the 222 calibers because I feel that the range for varmint work would probably be limited to, roughly, 300 yds. Also, the muzzle energy would probably be quite low. I have no idea with regard to accuracy but realize that it would be possible perhaps to get fairly high velocity.

Such a development should probably be undertaken by the Ammunition Division with whom we would be very glad to cooperate in adapting it to the pistol and/or rifle. Should such a program be initiated in the Ammunition Division I would appreciate being advised as to its progress.

W. E. Leek
W. E. Leek, Chief Designer
Firearms Design - Ilion

WEL:T