

We haven't made a side lock in more than 100 years EXCEPT for 1995. This was a kind of anniversary edition. It had approximately a 35 inch barrel. It was the Eliphalet Anniversary Special. It was a flint lock custom shop gun.

Flint lock-the hammer hits a piece of flint for ignition.

We started producing the line that we have now in 1996. It is based on the Model 700- same receiver-short action.

For scope mounts they would use the same ones as the regular short action 700 would use.

Muzzle loaders use black powder or a black powder substitute. We use a substitute. Black powder is a nitro based solid. It is very volatile and unstable. It is also very dirty and corrosive. Not many people use actual black powder.

We make no powder. There are only three manufacturers in the country: DuPont, the US government, and one more company. The laws governing this manufacturing are very tight.

We have tested black powder and pyrodex. Pyrodex is the biggest seller. Some other brands are go-ex and clean shot.

We have always used pyrodex in testing for accuracy.

MEASURE POWDER OUT BY VOLUME NOT WEIGHT

MUST USE POWDER SUBSTITUTE LABELED RS (rifle or shotgun) OR FFG EQUIVILANT (burn rate).

THERE IS ALSO SPECIFICALLY MADE FOR PISTOLS-DON'T USE THIS IN RIFLES!

Pyrodex Select is great. Better control (consistency) in size of granules. Consistency leads to accuracy.

Projectiles we make and use are:

1. Round ball (originally used)

Coated with brass (ours are golden balls-the golden color is brass powder)

2. Lead Conical (used in Civil War)-chunky lead shaped like a bullet. These come pre-lubricated with wender lube.

3. Sabots (the green plastic is the sabot)-this protects the metal part-it prevents rifle lines on the brass. For accuracy we use core lakt bullets in ours. (In class we saw a .50 caliber sabot with a .45 bullet in it).