

Subject:

WAR DEPARTMENT,
OFFICE OF THE CHIEF OF ORDNANCE,
WASHINGTON.

Re

13092-710
January 24, 1907.

Mr. H. Tauscher,
Springfield Armory,
Springfield, Mass.

Sir:

1. In reply to your letter of the 18th instant, you are informed that the letter in question was referred to the Commanding Officer of the Frankford Arsenal, for remark. In regard to the points raised by you, the Commanding Officer of the arsenal in question says that the tolerance of $+0.004$ to -0.008 , as suggested by you, is no greater than is necessary in the manufacture of these cartridges. Practically all of the cartridges submitted will be found between the limits of length, $.923$ and $.913$, which were the limits set for their manufacture. The limits suggested by you are $.927$ and $.915$. Your suggested limit is, therefore, $.004$ greater than is the Frankford Arsenal standard.

2. You will, of course, appreciate that if an automatic pistol is to be satisfactory to this Department, it must not be too delicate or too finely adjusted for the ammunition which can be turned out at a government plant. The powder used in these cartridges is known as "Bull's Eye", and is the same as has hitherto been used in the Colt Automatic Pistol with good results. If a better powder is obtainable,

this Department does not, at the present time, know of it.

3. As you are aware, permission has been granted for the use of any ammunition of private manufacture, provided the requirements as to contour and weight of bullet and muzzle velocity, are maintained.

Very respectfully,

WILLIAM CROZIER,

Brig.General, Chief of Ordnance.