

November 21, 1949

MINUTES OF MEETING ON THE .222 CAL. PILOT RIFLES


Gun Room
Monday, November 22, 1949
10:00 A.M.

Attending:	H. J. Hackman	W. A. Best	W. E. Leek
	S. E. Alvis	E. A. Strced	M. H. Walker
	V. G. DeReus	E. K. Wheat	

Wayne Leek reported that the function of the .222 caliber rifles is satisfactory. He also reported that the accuracy is not as good as it should be.

The remainder of the discussion was concerned with methods of improving accuracy of the .222 caliber rifle. It was decided to:

1. Assemble a second pilot lot of 50 guns, following the assembly closely to determine at which points the Barrel dimensions become unsatisfactory.
2. Shoot these rifles, using a temporary specification of $1\frac{1}{2}''$ for fove shots.
3. Those rifles not passing the $1\frac{1}{2}''$ specification would be inspected dimensionally in the bore and the usual process of repair applied to bring them within bore variation specifications of .0005".
4. An attempt will be made to select unstraightened Barrel blanks after Heat Treat for the .222 caliber Barrel.
5. Further production of .222 caliber Barrels (other than those in process) will be delayed until corrective measures have been determined to bring the .222 finished Barrel within limits of .0003" variation in the bore.
6. Pilot test for accuracy will be made selecting the guns from the second pilot lot of 50 guns.


M. H. Walker
Arms Technical Division

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