

m/722 Pilot Test

2/25/48

Sum	Ej	Feed
25412	1	1
23998	6	6
25397	7	-
25418	2	-
25361	3	-
25297	5	-
25347	10	-
24728	7	-

120 rds each.

Acc.

Acc.

Acc.

[illegible]

TICKS				B	R	GF	A	REMARKS
COCKING	FEEDING	LOADING	LOCKING	BREAKAGES	REPLACEMENTS	GUN FAILURES	ADJUSTMENTS	
								Muzzle .309"
								1" .309"
								2" .309"
								3" .309"
								4" .3088"
								4. Communion of Questionable Accuracy.
								Types of ammunition have been used some of which was standardized at 1.4"-100 yds. The other type being the same lot as used in Plant testing. Plant testing of the latter unknown however this is being made to obtain suitable accuracy - ammunition before proceeding with the test.
								W.S.

[illegible]

25397

FUNCTIONS					REMARKS
COCKING	FEEDING	LOADING	LOCKING	B R E A K A G E S	
				REPLACEMENTS	
				GUN FAILURES	
				ADJUSTMENTS	
					30 - Slow functioning, 9 Med. Functioning, 3 - Fast Functioning In 3 of the Cases primers were protruding from the heads of the shell & catching on the edge of the ejector. It is believed that the fail to eject malfunctions are caused by or indirectly by the following: 1. Incorrect chamber dimensions on inside rim of recessed Bolt Head. 2. Ejector - Min length 3. Shell length of Cartridge are under 4 in. as compared with a .44 Rem. Chamber. ① Bolt with correct Chamber. 1 2 1 Accuracy firing shows the following Average Extreme Spread 4.6" Max 5.7" Min 4.1" Condition of Test Ammunition Lot # R16E103 180 Gr SP Remington 20 Power Scope, Bench Rest, Fore End supported by Bench Rest Shooter M - Walker & W Leck 3-10 shot groups Weather Clear & no wind. This accuracy is not considered good & (poor) of several bullets was noted. Poor Accuracy may be attributed to the following Conditions: 1. Shell length under 4 in. as compared with Chamber 2. Poor bedding of the barrel & action. 3. Dimensions of bore at 4 in. section are large especially the section under the sight ramp.

42	
17	

BARBER - PRESALE R 0100297 ^{R2501285}

					B	R	GP	A	REMARKS
L	A	C	K	I	B	R	GP	A	
					BREAKAGES	REPLACEMENTS	GUN SATISF	ADJUSTMENTS	EACH SIX SEVEN SEVEN SHOT GROUPS WERE FIRED WITH EACH GUN (2 SHOOTERS FIRED THREE GROUPS EACH) AT 100 YDS. FROM A BEACH REST USING A 10 POWER SCOPE. AMMO: (7030) 180 GR. SOFT PT. CORE-LOKT EXP. LOT M21C STAND. (100 YD) 1.44 AVG EXTREME SPREAD RESULTS AS FOLLOWS:
									<u>GUN #</u> <u>AVG EXTREME SPREAD</u>
									25297 2.85"
									24728 3.78"
									25418 5.3"
									23998 5.2"
									25347 2.94"
									25361 3.8"
									25412 3.1"
									25397 3.4"
									GUN # 25397 WILL BE USED AS THE "ENDURANCE GUN"

[illegible]

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KINZER V. REMINGTON**