

REMINGTON ARMS COMPANY, INC.
 Ilion Research Division
 June 9, 1960

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MODEL 722 - Caliber 243 - PILOT LINE TEST

Ten of the subject rifles were accuracy tested 6/7/60.

Conclusions

Nine of the ten guns averaged within the 2½" gallery specs., while the tenth gun had a third group of 3.4" which enlarged the average to 2.77".

Rifle #434931 had an extremely long trigger pull, and investigation disclosed that none of these ten rifles were accuracy tested in the gallery, nor final inspected. In addition, four had no functional test.

All ten rifles showed extreme bleed-out on the front sight and also between the barrel and receiver.

Inasmuch as there is little significant difference between the 244 and 243 in functioning, this test will be deleted unless requested.

Results

Outdoor Range - 100 yds.
 Peters 100 gr. PSP Ammo.
 Slight crosswind

Three 5-shot groups
 20X Lyman Scope
 Center to center measurement

<u>Gun No.</u>	<u>Group Size</u>		
434810 *	1.	2.4"	
	2.	2.1	
	3.	2.0	
			Avg. 2.16"
434931 *#	1.	2.05"	
	2.	1.15	
	3.	2.00	
			Avg. 1.73"
434923 *	1.	2.3 "	
	2.	1.95	
	3.	1.75	
			Avg. 2.00"

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<u>Gun No.</u>	<u>Group Size</u>				
434875	1.	2.55"	1st Gr.	Avg.	2.07"
	2.	1.95"			
	3.	1.7"			
	1.	2.35"	2nd Gr.	Avg.	2.77"
	2.	2.5"			
	3.	3.4"			
434786	1.	1.45"		Avg.	1.65"
	2.	1.6"			
	3.	1.9"			
5 Guns					
				Overall Avg.	2.47"
434918	1.	1.7"		Avg.	1.5"
	2.	1.3"			
	3.	1.5"			
434898 *	1.	2.3"		Avg.	1.9"
	2.	1.8"			
	3.	1.7"			
434824	1.	1.1"		Avg.	1.5"
	2.	1.5"			
	3.	2.1"			
434988	1.	2.4"		Avg.	2.0"
	2.	1.8"			
	3.	1.6"			
434789	1.	1.8"		Avg.	1.35"
	2.	1.6"			
	3.	1.6"			
5 Guns					
				Overall Avg.	1.65"
Overall Average - 1. Guns			2.06"		

CJT:T

C. J. Theriault
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 Supervisor - Testing Unit

*Not gallery tested.
 #Long trigger pull.