

cc: D.E. Miller
S.M. Alvis
R.A. Williamson
H.J. Hackman
A.D. Gordon
W.E. Leek

Ilion, New York
April 24, 1957

W. A. HEST

MODEL 722 - 244 CAL. - QUALITY AUDIT TEST

For your information ten (10) of the subject guns were withdrawn from warehouse 4-12-57 and completed test on 4-21-57.

Procedure

1. Each rifle was fired three 5-shot groups on the 100-yd. range with 20-power scope. Ammunition used was Lot #K950 which standardized at 1.76" in the bull gun.
2. Each rifle was then tested for unloading live ammunition.
3. Each rifle was fired 100 yds. to determine functional picture.

The results are as follows:

ACCURACY TEST

Gun No.	Group Size	Point of Impact
402743	1) 1.45"	1.5" right 1.1" low
	2) 1.85"	1.65" " 1.55" "
	3) 1.85"	1.3" " .8" "
	Avg. 1.71"	
401717	1) .9"	.6" right .6" low
	2) 2.3"	.45" " .05" high
	3) 1.15"	.2" " .45" low
	Avg. 1.45"	
402590	1) 2.1"	.2" right .35" low
	2) 1.8"	.3" left .2" "
	3) 2.35"	-0- .15" "
	Avg. 2.08"	
401593	1) 2.25"	.75" left -0- "
	2) 1.4"	3.3" " .7" low
	3) 2.0"	3.25" " .7" "
	Avg. 1.88"	

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<u>Gun No.</u>	<u>Group Size</u>	<u>Point of Impact</u>			
402656	1)	2.15"	1.0 "	right	.55" low
	2)	3.0 "	1.5 "	"	.4 " "
	3)	1.15"	1.7 "	"	.6 " "
	Avg.	2.10"			
401694	1)	.95"	1.0 "	right	.35" low
	2)	1.95"	1.05"	"	1.1 " "
	3)	.9 "	1.1 "	"	.6 " "
	Avg.	1.26"			
402485	1)	2.35"	.85"	left	.8 " high
	2)	1.95"	1.15"	"	-0- "
	3)	1.0 "	1.5 "	"	.3 " "
	Avg.	1.76"			
401864	1)	1.2 "	.5 "	right	.1 " high
	2)	1.3 "	.1 "	"	.2 " "
	3)	2.15"	.15"	"	.5 " low
	Avg.	1.55"			
401689	1)	1.05"	.9 "	right	1.0 " low
	2)	1.8 "	1.7 "	"	1.2 " "
	3)	1.2 "	1.95"	"	1.0 " "
	Avg.	1.35"			
401811	1)	1.5 "	.25"	left	.55" high
	2)	1.6 "	.1 "	"	.1 " "
	3)	.9 "	.3 "	right	.45" low
	Avg.	1.33"			

Average: 10 Guns 1.647"

FUNCTIONAL TEST

<u>Gun No.</u>	<u>No. Malf.</u>	<u>Rate</u>	<u>Type</u>	
402743	-	-		
401717	-	-		
402590	2	2. %	2	Stem chambers (right)
401593	-	-		
402656	-	-		

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<u>Gun No.</u>	<u>Mag. Calif.</u>	<u>Rate</u>	<u>Type</u>
401694	-	-	
402485	-	-	
401864	-	-	
401689	-	-	
401811	-	-	

Overall Rate for 1,000 Rds. - .2%

All rifles unloaded live ammunition satisfactorily.

Conclusions

The quality picture of this caliber rifle looks very good.

CJT:T

C. J. Theriault
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Supervisor - Testing Unit