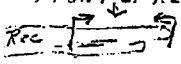


BY REN DATE 12-18-63 SUBJECT 4 X P 100 - 221 FIRE BALL SHEET NO. _____ OF _____
 CHKD. BY _____ DATE _____ Muzzle Velocity 1400 FPS JOB NO. _____
 LENGTH ON PRESENT Ammo _____

REM-221 FIRE BALL. Z 125

SCREENS. 5 FT APART

FIRST SCREEN 30" FROM MUZZEL

STANDARD LENGTH BAL 10" FROM FRONT OF RECEIVER	TIME	VELOCITY F/SEC.	
	194 1/16	2576	
	194 9/16	2570	
	193 -	2590	MIN- 2540
	196 13/16	2540	MAX- 2600
	192 5/16	2600	EV. 60 AV. 2575
9"	200 1/16	2499	
	201 9/16	2488	
	202 4/16	2472	MIN 2469
	199 7/16	2507	MAX 2507
	202 8/16	2469	EV 38 AV 2487 Loss 88
8"	204 13/16	2441	
	207 7/16	2410	
	203 9/16	2456	MIN. 2410
	206 7/16	2422	MAX. 2456
	205 5/16	2438	EV. 46 AV. 2433 Loss 54
7"	218 6/16	2290	
	217 2/16	2302	
	221 7/16	2258	MIN. 2255
	220 14/16	2264	MAX. 2302
	221 11/16	2250	EV. 147 AV. 2274 Loss 107
6"	232 13/16	2148	
	229 13/16	2176	
	233 17/16	2138	MIN. 2138
	229 3/16	2182	MAX. 2182
	231 12/16	2160	EV. 44 AV. 2161 Loss 11

cc: N.W. Menard (2)
W.A. Best
C.D. Hunt
H. J. Waterman

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" _____

MEMORANDUM

Ilion, New York
December 23, 1963

To: W. E. Leek *WEL*
From: C. B. Workman *CBW*

M/600 DROP TEST

Three M/600 Cal. 308 were tested for jar off as follows:

1. Trigger pull checked, as received from production.
2. Each gun was dropped from a height of 10 inches, ten times, in four positions: muzzle first, butt first, top first, and normal position (bottom first).
3. Trigger assemblies were replaced and the pull adjusted to below factory specifications and test was repeated.
4. Trigger pull adjusted back up to factory specifications and test repeated.
5. Results tabulated as follows:

	Gun	Number of Drops				Jar Off's				Trigger Pull (lb)	
		Muzzle	Butt	Top	Bottom	Muzzle	Butt	Top	Bottom	Before	After
As received	1484	10	10	10	10	0	0	0	0	4.7	4.7
	1431	10	10	10	10	0	0	0	2	5.2	5.4
	1504	10	10	10	10	0	0	0	0	5.3	5.1
New trigger assembly	1484	10	10	10	10	0	0	0	2	3.4	3.3
	1431	10	10	10	10	0	0	0	4	3.4	3.2
	1504	10	10	10	10	0	0	0	0	3.6	3.4
	1484	10	10	10	10	0	0	0	0	4.6	5.2
	1431	10	10	10	10	0	0	0	0	4.9	5.1
	1504	10	10	10	10	0	0	0	0	4.6	5.3

CBW:B

MODEL COMPARISON

FEATURE	40-X	40-XB	40-XB (C.F.)
Bolt Handle	721 - Strait Ball	700 - Swept back Oval - Corrugated	700 - Same as 40-XB
Safety	721 - Lt. Wt. Lever	700 - Heavy Corrugated T'pc.	700 - Same as 40-XB
Trigger Guard	721 (Long)	700 - ADL (Short)	700 - Same as 40-XB
Trigger Assembly	40-X - Ball Adj.	40-XB - Uses Trigger Adj. Key	40-XB - Same as 40-XB
Fore End Rail	Short Base	Long Rail	Short Base
Fore End Stop/Block	Round	Form-Fit	Form-Fit
Stock	Full Grip	Shaped Grip	Shaped Grip

SMA:T
12-30-63