

TEST NO. 3 Continued

POINT OF IMPACT
Five Shots per Group

#31116 - Plain Stock
Group Size - 3.700
.950 Left)
2.700 High) Point of impact

#31250 - Laminated Stock
Group Size - 4.000
.150 High)
.250 Left) " "

#31233 - Control Gun - Laminated Stock
Group Size - 3.900
.300 Right)
.500 High) " "

Groups shot from shoulder by Lou Evans

AVERAGE OF ALL GROUPS AND SPREAD OF ALL GUNS ON THREE TESTS

M/600 350 Rem Mag
Serial #31116 - Walnut Stock

Test No.	Group Size	Horizontal Spread	Vertical Spread
1	2.60	.87	2.58
2	3.26	2.04	3.05
3	<u>2.97</u>	<u>.79</u>	<u>2.87</u>
	8.83	E.V. 1.25	E.V. .47
Avg.	2.94		

M/600 350 Rem Mag
Serial #31250 - Laminated Stock

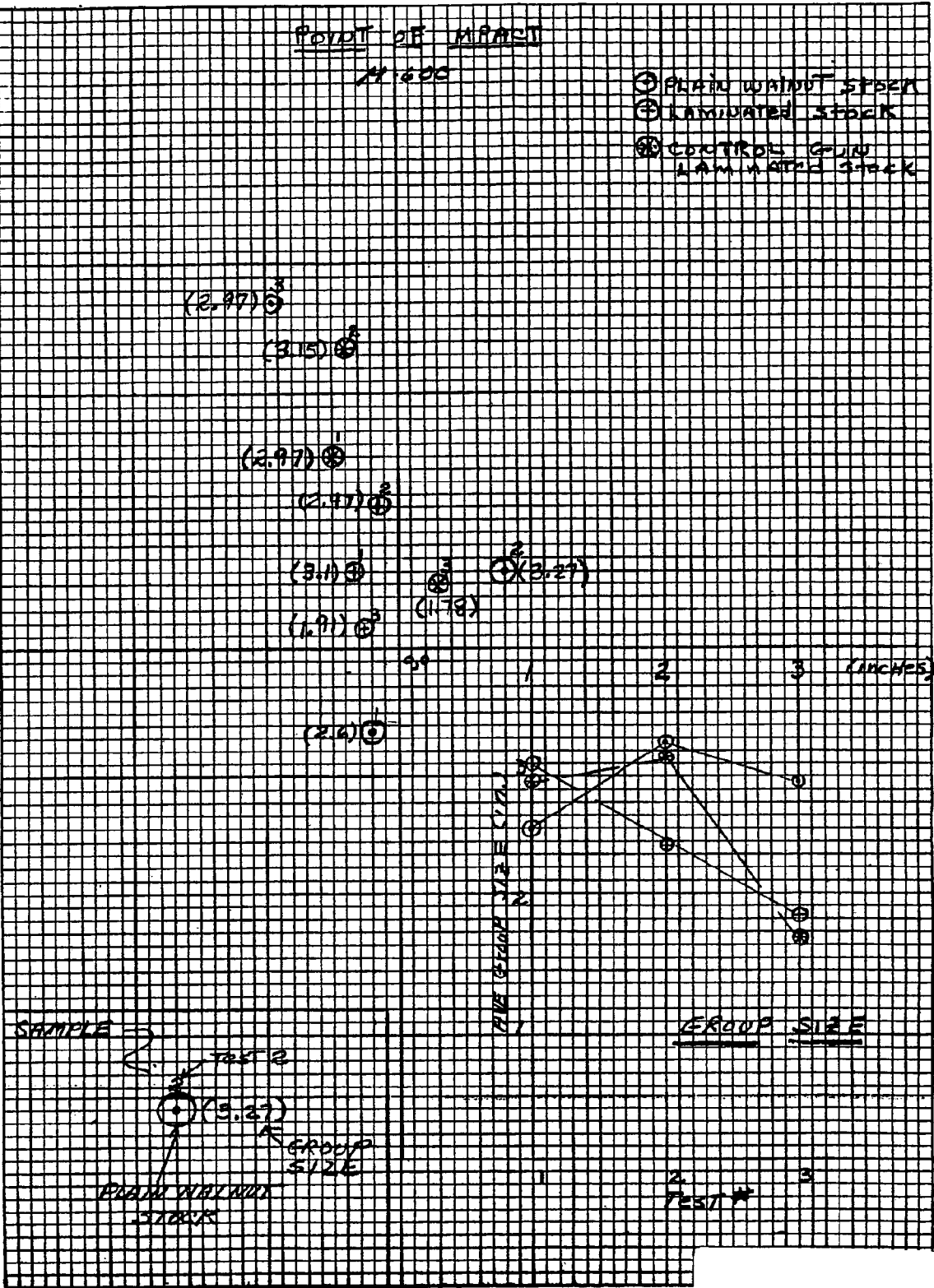
1	3.10	2.10	2.51
2	2.46	2.30	1.48
3	<u>1.91</u>	<u>1.20</u>	<u>1.76</u>
	7.47	E.V. 1.10	E.V. 1.03
Avg.	2.49		

M/600 350 Rem Mag
Serial #31233 - Laminated Stock - CONTROL

1	2.96	1.46	2.41
2	3.15	1.45	3.05
3	<u>1.78</u>	<u>1.60</u>	<u>1.13</u>
	7.89	E.V. .15	E.V. 1.92
Avg.	2.63		

WRG:R

10 X 10 TO THE INCH
KNEUFEL & SON CO.
359.5
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REMINGTON ARMS COMPANY, INC.

RECORD OF TESTS

14.700 G.M.H. # 96 192
RELOADABILITY - CASES NECKSIZED ONLY

2. WDER	3. OFFENSE	4. TECHNIQUE	5. CASE ROTATION	6. MAX LOADING	7. MAX UNLOADING	8. CHAMBER PRESSURE	9. CASE ROTATION	10. MAX LOADING	11. MAX UNLOADING	12. CHAMBER PRESSURE
11.7	1		0°	9.5	5.0	54,000	180°	9.5	5.0	54,000
11.7	2		"		5.0	54,000	"		5.0	54,000
11.7	3		"		5.0	54,000	"		5.0	54,000
11.7	4		"		5.0	54,000	"		5.0	54,000
11.7	5		"		5.0	54,000	"		5.0	54,000
11.7	6		"		5.0	54,000	"		5.0	54,000
11.7	7		"		5.0	54,000	"		5.0	54,000
11.7	8		"		5.0	54,000	"		5.0	54,000
11.7	9		"		5.0	54,000	"		5.0	54,000
11.7	10		"		5.0	54,000	"		5.0	54,000
11.7	11		"		5.0	54,000	"		5.0	54,000
11.7	12		"		5.0	54,000	"		5.0	54,000
11.7	13		"		5.0	54,000	"		5.0	54,000
11.7	14		"		5.0	54,000	"		5.0	54,000
11.7	15		"		5.0	54,000	"		5.0	54,000
11.7	16		"		5.0	54,000	"		5.0	54,000
11.7	17		"		5.0	54,000	"		5.0	54,000
11.7	18		"		5.0	54,000	"		5.0	54,000
11.7	19		"		5.0	54,000	"		5.0	54,000
11.7	20		"		5.0	54,000	"		5.0	54,000
11.7	21		"		5.0	54,000	"		5.0	54,000
11.7	22		"		5.0	54,000	"		5.0	54,000
11.7	23		"		5.0	54,000	"		5.0	54,000
11.7	24		"		5.0	54,000	"		5.0	54,000
11.7	25		"		5.0	54,000	"		5.0	54,000
11.7	26		"		5.0	54,000	"		5.0	54,000
11.7	27		"		5.0	54,000	"		5.0	54,000
11.7	28		"		5.0	54,000	"		5.0	54,000
11.7	29		"		5.0	54,000	"		5.0	54,000
11.7	30		"		5.0	54,000	"		5.0	54,000
11.7	31		"		5.0	54,000	"		5.0	54,000
11.7	32		"		5.0	54,000	"		5.0	54,000
11.7	33		"		5.0	54,000	"		5.0	54,000
11.7	34		"		5.0	54,000	"		5.0	54,000
11.7	35		"		5.0	54,000	"		5.0	54,000
11.7	36		"		5.0	54,000	"		5.0	54,000
11.7	37		"		5.0	54,000	"		5.0	54,000
11.7	38		"		5.0	54,000	"		5.0	54,000
11.7	39		"		5.0	54,000	"		5.0	54,000
11.7	40		"		5.0	54,000	"		5.0	54,000
11.7	41		"		5.0	54,000	"		5.0	54,000
11.7	42		"		5.0	54,000	"		5.0	54,000
11.7	43		"		5.0	54,000	"		5.0	54,000
11.7	44		"		5.0	54,000	"		5.0	54,000
11.7	45		"		5.0	54,000	"		5.0	54,000
11.7	46		"		5.0	54,000	"		5.0	54,000
11.7	47		"		5.0	54,000	"		5.0	54,000
11.7	48		"		5.0	54,000	"		5.0	54,000
11.7	49		"		5.0	54,000	"		5.0	54,000
11.7	50		"		5.0	54,000	"		5.0	54,000
11.7	51		"		5.0	54,000	"		5.0	54,000
11.7	52		"		5.0	54,000	"		5.0	54,000
11.7	53		"		5.0	54,000	"		5.0	54,000
11.7	54		"		5.0	54,000	"		5.0	54,000
11.7	55		"		5.0	54,000	"		5.0	54,000
11.7	56		"		5.0	54,000	"		5.0	54,000
11.7	57		"		5.0	54,000	"		5.0	54,000
11.7	58		"		5.0	54,000	"		5.0	54,000
11.7	59		"		5.0	54,000	"		5.0	54,000
11.7	60		"		5.0	54,000	"		5.0	54,000
11.7	61		"		5.0	54,000	"		5.0	54,000
11.7	62		"		5.0	54,000	"		5.0	54,000
11.7	63		"		5.0	54,000	"		5.0	54,000
11.7	64		"		5.0	54,000	"		5.0	54,000
11.7	65		"		5.0	54,000	"		5.0	54,000
11.7	66		"		5.0	54,000	"		5.0	54,000
11.7	67		"		5.0	54,000	"		5.0	54,000
11.7	68		"		5.0	54,000	"		5.0	54,000
11.7	69		"		5.0	54,000	"		5.0	54,000
11.7	70		"		5.0	54,000	"		5.0	54,000
11.7	71		"		5.0	54,000	"		5.0	54,000
11.7	72		"		5.0	54,000	"		5.0	54,000
11.7	73		"		5.0	54,000	"		5.0	54,000
11.7	74		"		5.0	54,000	"		5.0	54,000
11.7	75		"		5.0	54,000	"		5.0	54,000
11.7	76		"		5.0	54,000	"		5.0	54,000
11.7	77		"		5.0	54,000	"		5.0	54,000
11.7	78		"		5.0	54,000	"		5.0	54,000
11.7	79		"		5.0	54,000	"		5.0	54,000
11.7	80		"		5.0	54,000	"		5.0	54,000
11.7	81		"		5.0	54,000	"		5.0	54,000
11.7	82		"		5.0	54,000	"		5.0	54,000
11.7	83		"		5.0	54,000	"		5.0	54,000
11.7	84		"		5.0	54,000	"		5.0	54,000
11.7	85		"		5.0	54,000	"		5.0	54,000
11.7	86		"		5.0	54,000	"		5.0	54,000
11.7	87		"		5.0	54,000	"		5.0	54,000
11.7	88		"		5.0	54,000	"		5.0	54,000
11.7	89		"		5.0	54,000	"		5.0	54,000
11.7	90		"		5.0	54,000	"		5.0	54,000
11.7	91		"		5.0	54,000	"		5.0	54,000
11.7	92		"		5.0	54,000	"		5.0	54,000
11.7	93		"		5.0	54,000	"		5.0	54,000
11.7	94		"		5.0	54,000	"		5.0	54,000
11.7	95		"		5.0	54,000	"		5.0	54,000
11.7	96		"		5.0	54,000	"		5.0	54,000
11.7	97		"		5.0	54,000	"		5.0	54,000
11.7	98		"		5.0	54,000	"		5.0	54,000
11.7	99		"		5.0	54,000	"		5.0	54,000
11.7	100		"		5.0	54,000	"		5.0	54,000

M. 700 6 M.H. # 96192
RELOADABILITY - CASES NECK SIZED ONLY

POWDER	TECHNOLOGY	CASE L° OF ROTATION	MAX LOCKING LOAD	MAX UNLOCKING LOAD	CHAMBER PRESSURE	CASE L° OF ROTATION	MAX LOCKING LOAD	MAX UNLOCKING LOAD	CHAMBER PRESSURE
13.5 gr.	4th	0°	13.0	9.0	52,500	180°	10.5	10.5	52,500
13.5 gr.	"	"	10.0	7.5	52,500	"	11.0	10.0	52,500
13.5 gr.	"	"	11.5	10.0	52,500	"	10.0	10.0	52,500
13.5 gr.	"	"	10.0	10.0	52,500	"	8.0	9.0	52,500
13.5 gr.	"	"	11.5	7.5	52,500	"	9.5	10.0	52,500
13.5 gr.	"	"	11.0	9.0	52,500	"	9.8	9.9	52,500
13.5 gr.	"	"	11.5	11.0	52,500	180°	13.5	14.0	52,500
13.5 gr.	"	"	11.0	10.0	52,500	"	10.0	10.0	52,500
13.5 gr.	"	"	14.5	8.0	52,500	"	11.5	13.0	52,500
13.5 gr.	"	"	13.0	8.0	52,500	"	11.5	12.0	52,500
13.5 gr.	"	"	13.0	10.0	52,500	"	11.0	12.5	52,500
13.5 gr.	"	"	13.2	9.4	52,500	"	11.5	11.5	52,500
TOTAL	Avg	Pressure	52,500						
MAX	MAX	Pressure	55,000						
MIN	MIN	Pressure	47,750						

M. 788 - G.M.H. #1
RELOADABILITY - CASES NECK SIZED ONLY

POWDER VE OF PAPER #	RELOADING 1° OF ROTATION	CASE ROTATION 1° OF	MAX LOCKING LOAD LBS	MAX UNLOCKING LOAD	CHAMBER PRESSURE	CASE ROTATION 1° OF	MAX LOCKING LOAD	MAX UNLOCKING LOAD	CHAMBER PRESSURE
FACTORY BULLET	FACTORY	0°	in.	6.0		180°	7.0	5.0	
1	100gr.		7.5	9.0			7.5	7.0	
2	G.M.H.		7.0	6.0			8.0	7.0	
3			8.0	6.0			7.5	6.0	
4			7.0	6.5			8.0	6.0	
5									
43.5 gr.	157.		17.0	9.0	53,500	180°	11.5	11.0	52,500
43.50			20.0	11.0	AVE		17.0	9.0	AVE
100gr.			22.5	10.0			9.0	12.0	
REM.			7.5	10.0			7.0	10.5	
BULLET.	AVE		17.5	9.0			8.5	12.0	
11			15.9				10.6		
1	2.770		14.5	12.0		180°	9.0	12.5	
2			8.5	13.0			16.0	12.0	
3			12.5	13.0			11.0	12.5	
4			13.0	11.0			10.5	13.0	
5	AVE		18.0	13.0			16.0	14.0	
			13.8				12.5		
1	3.40		17.0	13.5		180°	16.0	14.0	
2			14.0	14.0			15.0	14.0	
3			18.0	14.5			15.5	14.0	
4			17.0	14.0			19.0	15.0	
5	AVE		17.0	13.0			19.0	15.0	
			16.6				16.9		

H. 788. 6 H. H.

#1

RELIABILITY. CASES NECK SIZED ONLY

POWDER	REL. OF	CASE	MAX	MAX	CHAMBER	CASE	MAX	MAX	CHAMBER
LOFT	REL. OF	REL. OF	LOCKING	UNLOCKING	PRESSURE	REL. OF	LOCKING	UNLOCKING	PRESSURE
			LOAD	LOAD			LOAD	LOAD	
13.5 gr.	1	0°	14.5	18.5	180°	180°	20.0	15.0	
13.5 gr.	2	0°	16.5	15.0			22.0	16.5	
13.5 gr.	3	0°	17.0	15.0			25.0	16.5	
13.5 gr.	4	0°	17.0	16.0			22.0	16.0	
13.5 gr.	5	0°	17.0	16.0			20.0	15.0	
13.5 gr.	AVE	0°	16.4				21.8		
15.5 gr.	1	0°	18.0	17.0	180°	180°	23.0	16.0	
15.5 gr.	2	0°	14.0	15.0			22.0	17.0	
15.5 gr.	3	0°	22.0	17.0			25.0	18.0	
15.5 gr.	4	0°	21.0	16.0			19.0	16.0	
15.5 gr.	5	0°	15.0	16.0			21.0	16.0	
15.5 gr.	AVE	0°	18.0				22.0		

REMINGTON ARMS COMPANY, INC.

ENGINEERING DEPARTMENT (REV.) COMPUTATION SHEET

700-788 reloadability Test. C.H.H.

PROJ. NO.

WORKS

COMPUTED

DATE

12

Head space on the H. 700 indicated no change while on the
the 788 at start of test bolt closed snug over the go gage
but at end of the test was not able to feel it when closing the
bolt however no go would not go.

H. 700 Case length remained constant through second reloading
then was able to record a increase in length of .001" on the
third while the 4th & 5th each increased .002" from
a starting length of 2.235 to 2.240.

H. 788... fired factory length of 2.235 after 1st reload.
was at 2.236, 2nd reload 2.238, 3rd. 2.241 4th
was 2.244 and 5th was 2.245 to 2.246