

G 6624737

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



DD FORM

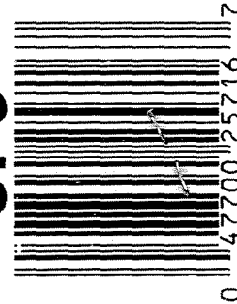
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6624737

UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
UPC



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M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
UPC



SERIAL NO.



GUN SERIAL # G6624737

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-27-06	RTZ
420	ASSEMBLE ACTION		12-28-06	RTZ
430	ASSEMBLE TO STOCK			
440	PROOF		12/28/06	mon
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	12/28/06	mon
470	DIS-ASSEMBLE ACTION	JAN 04 2007	1-2-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATION APD	1-4-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		1-4-07	CW
510	DRILL AND TAP SIGHT HOLES		1-3-07	TRW
520	GOFF BLAST BBL / REC		1-4-07	CB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		1/12/07	FB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1-17-07	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-17-07	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-17-07	DA
	D) OIL FIRING PIN ASSEMBLY		1-23-07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		2-20-07	mon
F004 REV 5/2006				

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.75</u> <u>6.5</u> <u>6.25</u>	2-20-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.0</u> <u>3.25</u> <u>2.75</u>	2-20-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		2-20-07	non
	I) FIRING PIN INDENT .020 MIN	<u>.0245</u> <u>.0245</u> <u>.025</u>	2-20-07	TRW
	J) ASSEMBLE STOCK		1-23-07	DPD
	K) ASSEMBLE SWIVEL STUDS		2-20-07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		2-20-07	non
	M) IRON SIGHT ALIGNMENT		2-20-07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		2-20-07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	1-25-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1-25-07	Fm
670	FINAL INSPECTION A) HEADSPACE		2-20-07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.48</u> <u>2.42</u> <u>2.43</u> <u>2.27</u> <u>2.40</u>	2-15-07	TRW
	C) FUNCTION		2-20-07	non
690	PACK		3-22-07	DA

F004 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0141642~~ 0141681

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6624737.___0
FILE DATE AND TIME: 01/25/2007 14:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.030
The Average Y Centroid of the Five Target Set:	0.080
The Average Point of Impact of the Five Target Set:	0.086
The Average Mean Radius of the Five Target Set:	0.682
The Distance from POA to Centroid Target #1:	0.074
The Distance from Centroid Target #2 to Centroid Target #1:	0.127
The Distance from Centroid Target #3 to Centroid Target #1:	0.176
The Distance from Centroid Target #4 to Centroid Target #1:	0.107
The Distance from Centroid Target #5 to Centroid Target #1:	0.044

BARBER - M24 0141644

SERIAL NUMBER: G6624737. __0

TARGET NUMBER: 1

FILE DATE: 01/25/2007

FILE TIME: 14:49

POINT#	X	Y
1:	0.770	-0.258
2:	0.869	-0.051
3:	-0.635	0.875
4:	-0.033	0.386
5:	0.305	0.033
6:	-0.739	-0.084
7:	-0.358	0.028
8:	-0.101	-0.163
9:	0.059	0.165
10:	-0.143	-0.194

X CENTROID: -0.001

Y CENTROID: 0.074

POA TO CENTROID: 0.074

HORZ SPREAD: 1.608

VERT SPREAD: 1.133

GROUP SPREAD: 1.805

MIN RADIUS: 0.109

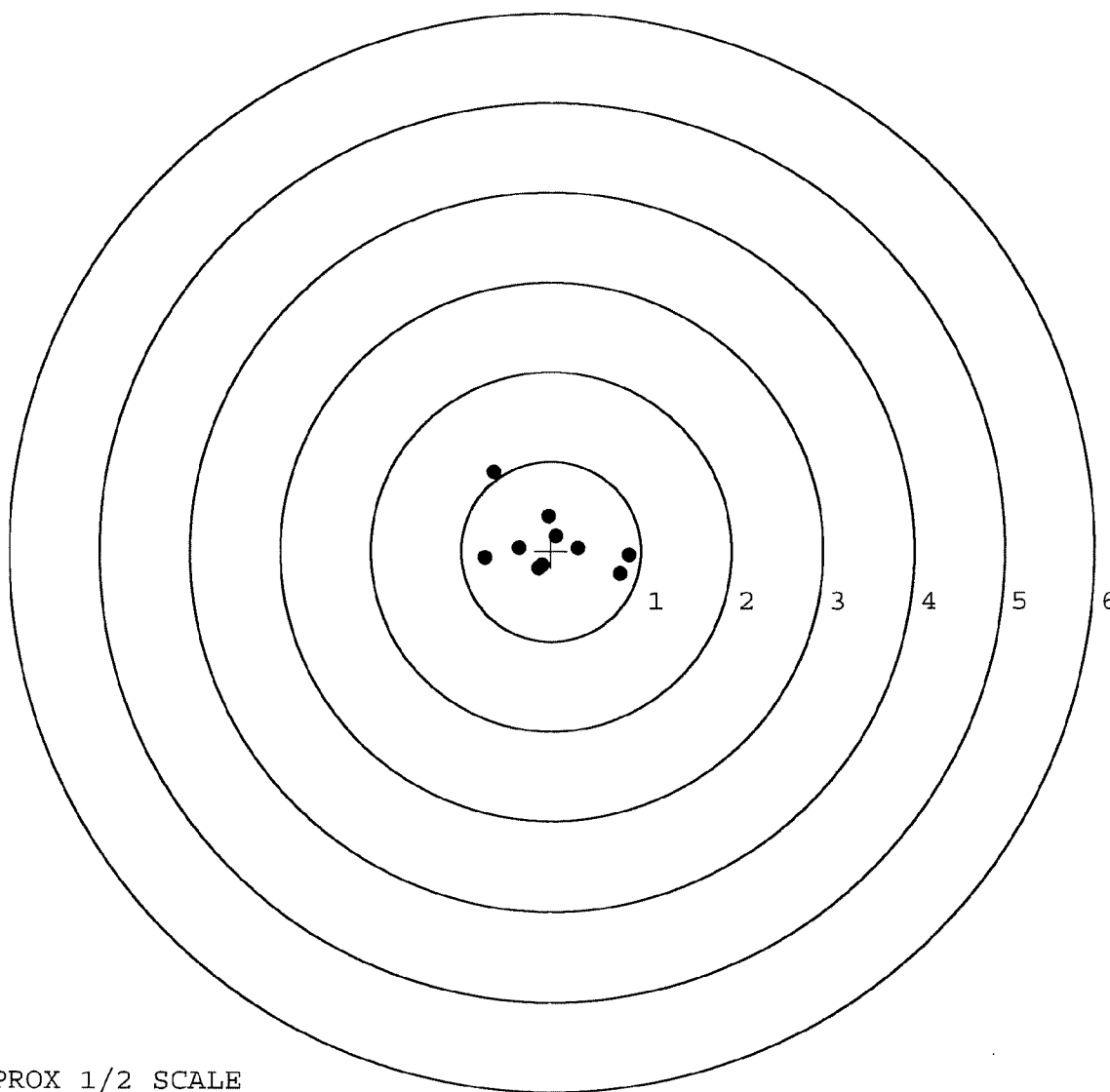
MAX RADIUS: 1.022

MEAN RADIUS: 0.515

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0141645

SERIAL NUMBER: G6624737. __0

TARGET NUMBER: 2

FILE DATE: 01/25/2007

FILE TIME: 14:49

POINT#	X	Y
1:	0.337	1.369
2:	0.357	0.898
3:	0.561	0.636
4:	0.219	0.323
5:	-0.143	0.217
6:	0.446	-0.411
7:	0.153	-0.246
8:	-0.251	-0.647
9:	-0.225	-0.221
10:	-0.671	-0.190

X CENTROID: 0.078

Y CENTROID: 0.173

POA TO CENTROID: 0.190

HORZ SPREAD: 1.232

VERT SPREAD: 2.016

GROUP SPREAD: 2.100

MIN RADIUS: 0.206

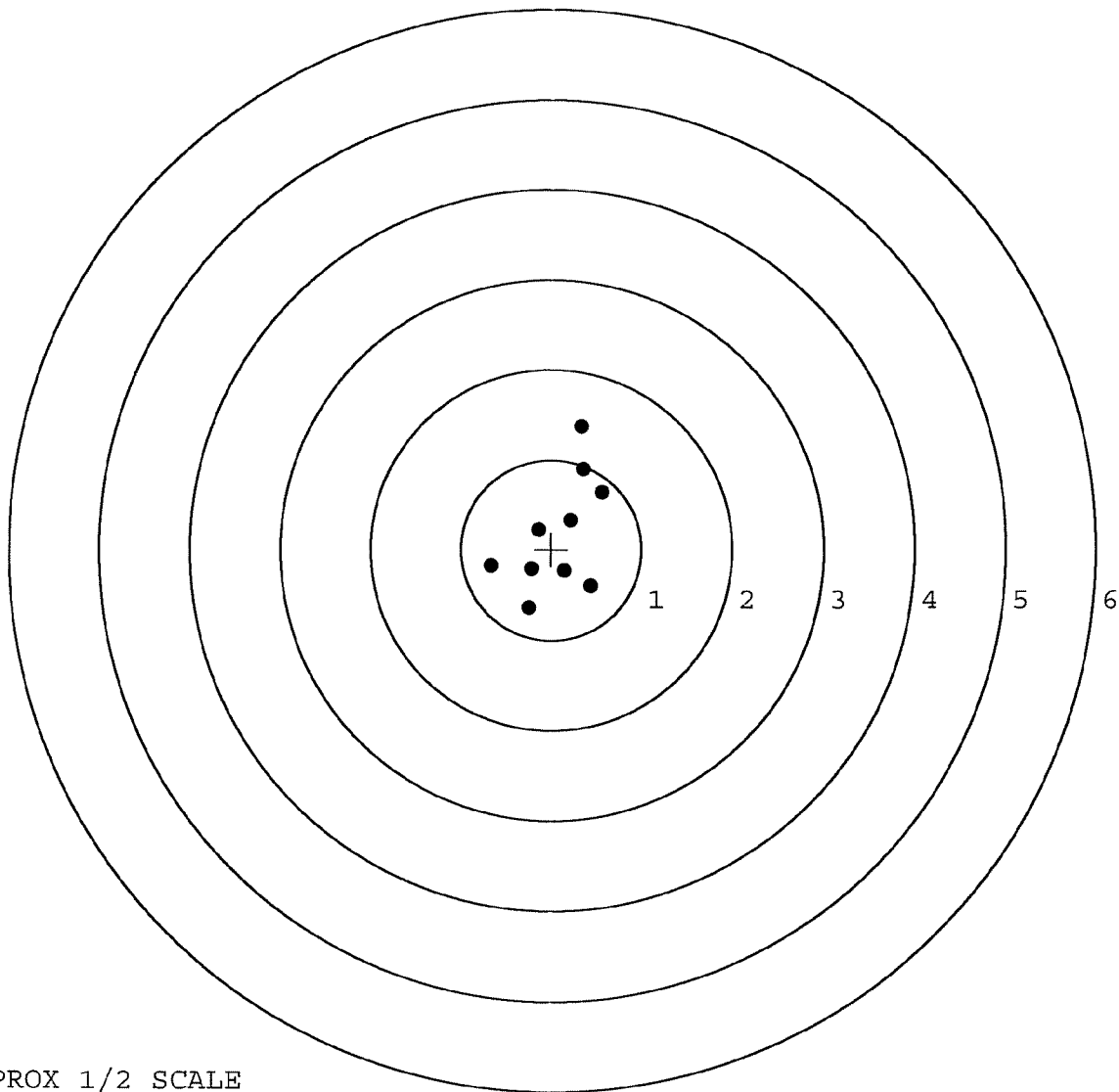
MAX RADIUS: 1.224

MEAN RADIUS: 0.643

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0141646

SERIAL NUMBER: G6624737. __0

TARGET NUMBER: 3

FILE DATE: 01/25/2007

FILE TIME: 14:49

POINT#	X	Y
1:	-0.809	-0.753
2:	-0.783	-0.564
3:	0.122	-0.890
4:	0.868	0.053
5:	0.618	0.684
6:	-0.095	0.392
7:	-0.428	0.291
8:	-0.441	0.018
9:	0.070	-0.020
10:	-0.249	0.174

X CENTROID: -0.113

Y CENTROID: -0.061

POA TO CENTROID: 0.128

HORZ SPREAD: 1.677

VERT SPREAD: 1.574

GROUP SPREAD: 2.025

MIN RADIUS: 0.187

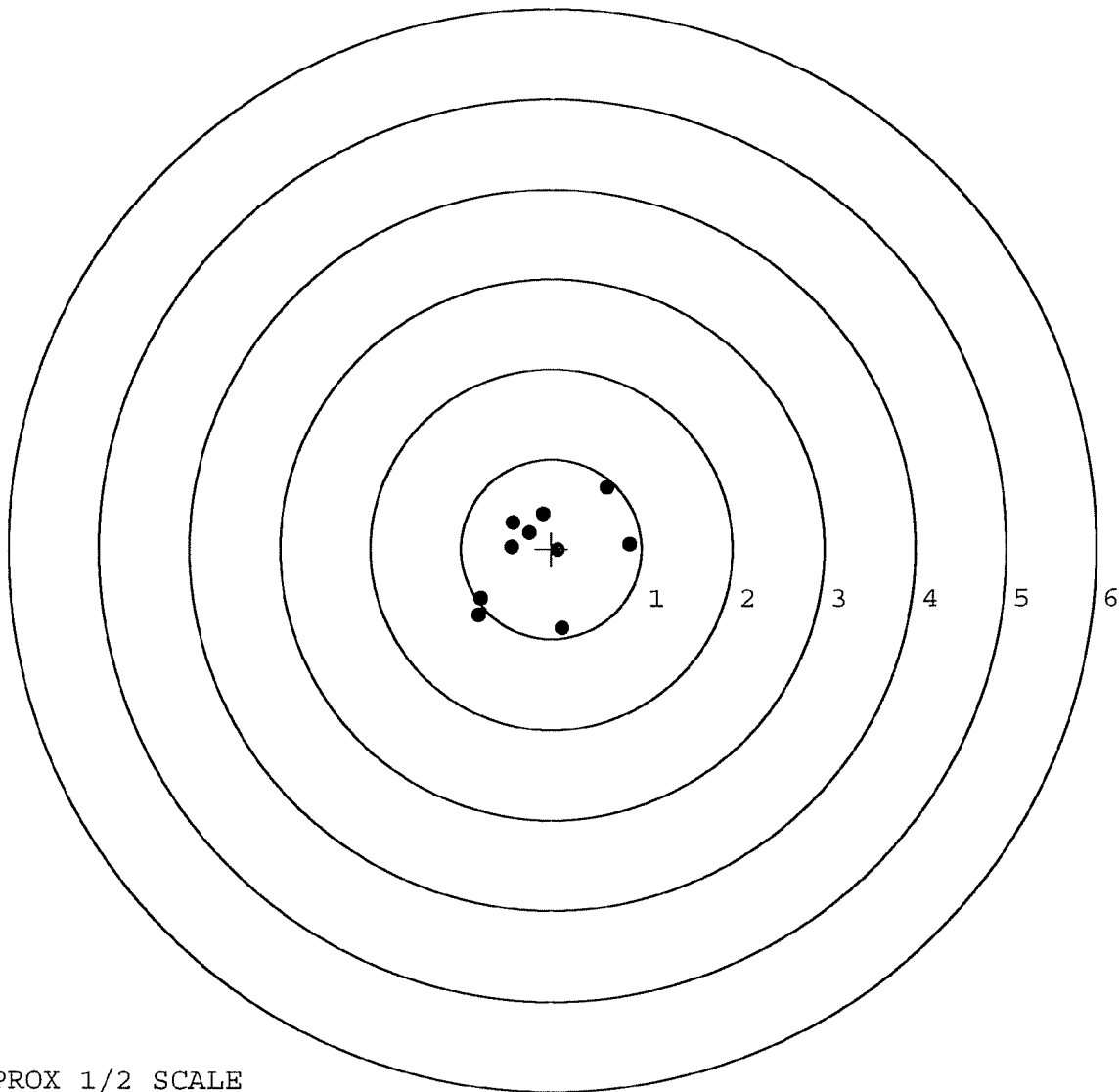
MAX RADIUS: 1.044

MEAN RADIUS: 0.644

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0141647

SERIAL NUMBER: G6624737. 0

TARGET NUMBER: 4

FILE DATE: 01/25/2007

FILE TIME: 14:49

POINT#	X	Y
1:	-0.442	1.234
2:	0.064	1.234
3:	0.449	0.685
4:	0.490	0.155
5:	0.340	-0.841
6:	0.093	-0.569
7:	-0.103	-0.169
8:	-0.295	-0.044
9:	-0.686	-0.145
10:	-0.638	-0.008

X CENTROID: -0.073

Y CENTROID: 0.153

POA TO CENTROID: 0.170

HORZ SPREAD: 1.176

VERT SPREAD: 2.075

GROUP SPREAD: 2.217

MIN RADIUS: 0.297

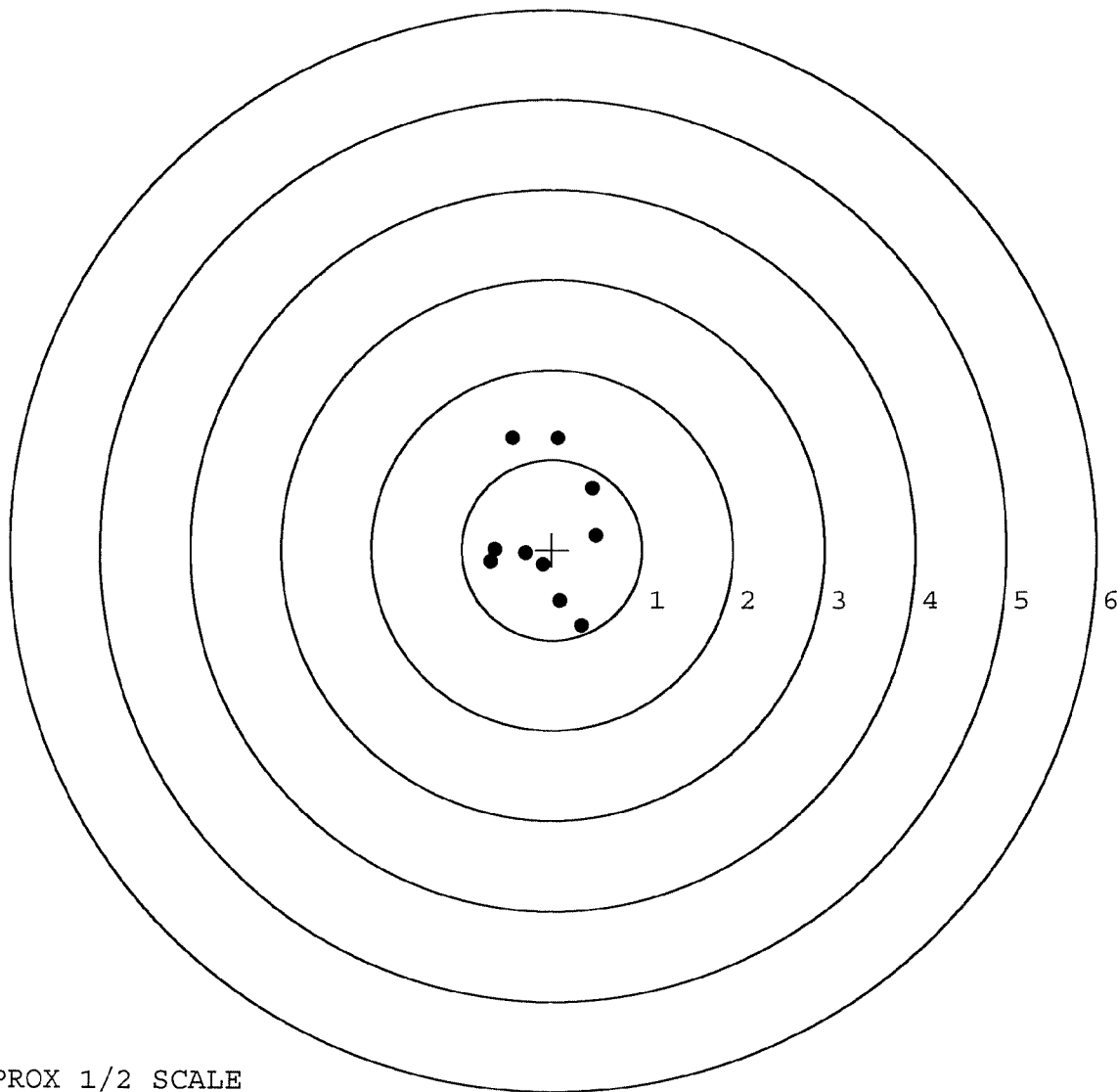
MAX RADIUS: 1.142

MEAN RADIUS: 0.725

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0141648

SERIAL NUMBER: G6624737. __0

TARGET NUMBER: 5

FILE DATE: 01/25/2007

FILE TIME: 14:49

POINT#	X	Y
1:	-0.788	-1.154
2:	-0.743	-0.533
3:	-0.652	-0.408
4:	0.530	-0.448
5:	0.712	-0.277
6:	0.671	0.296
7:	0.466	0.583
8:	-0.046	1.193
9:	-0.594	1.375
10:	0.008	-0.004

X CENTROID: -0.044

Y CENTROID: 0.062

POA TO CENTROID: 0.076

HORZ SPREAD: 1.500

VERT SPREAD: 2.529

GROUP SPREAD: 2.536

MIN RADIUS: 0.084

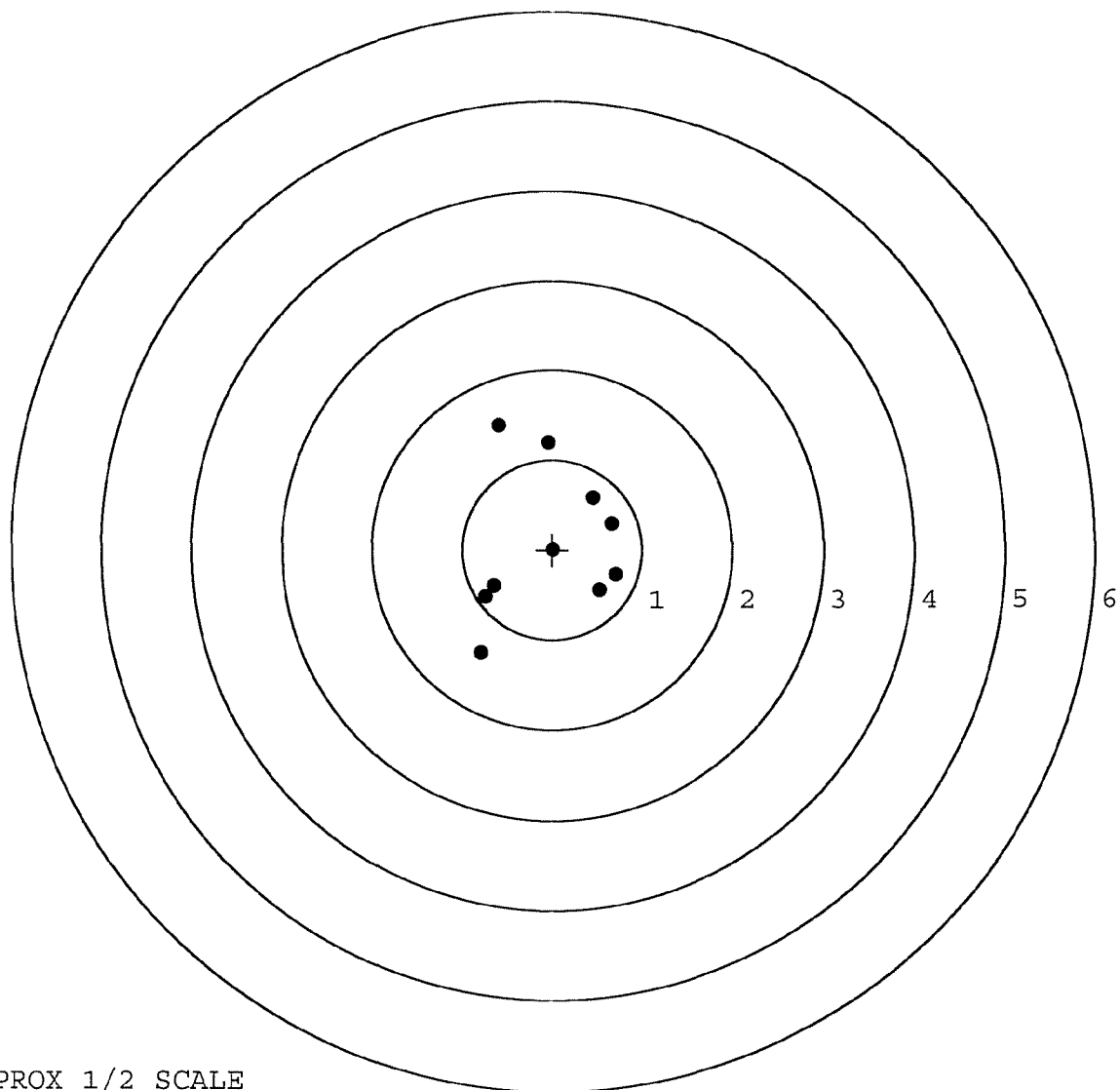
MAX RADIUS: 1.426

MEAN RADIUS: 0.883

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

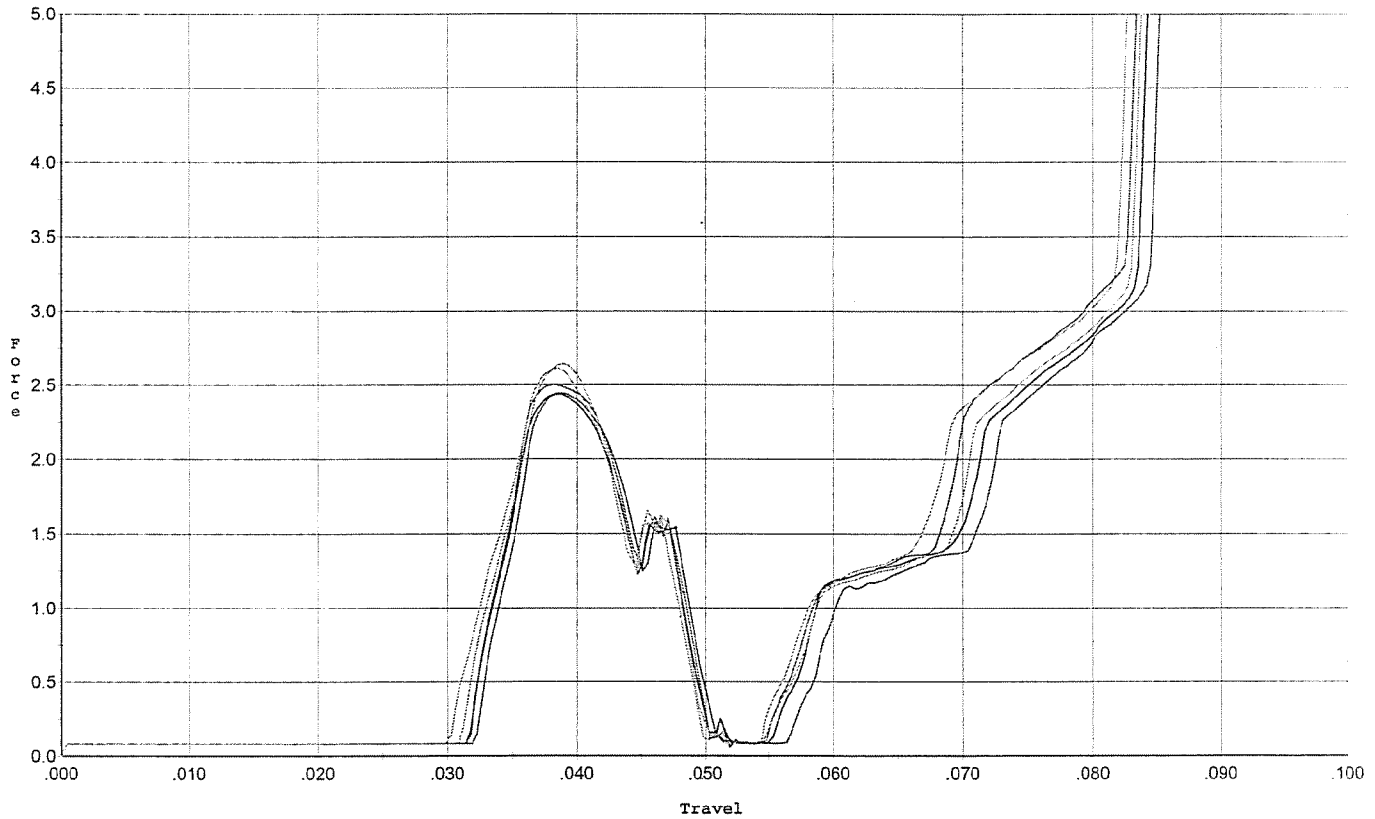


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/03/07

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 lbs. ini. +/- .50 lbs.



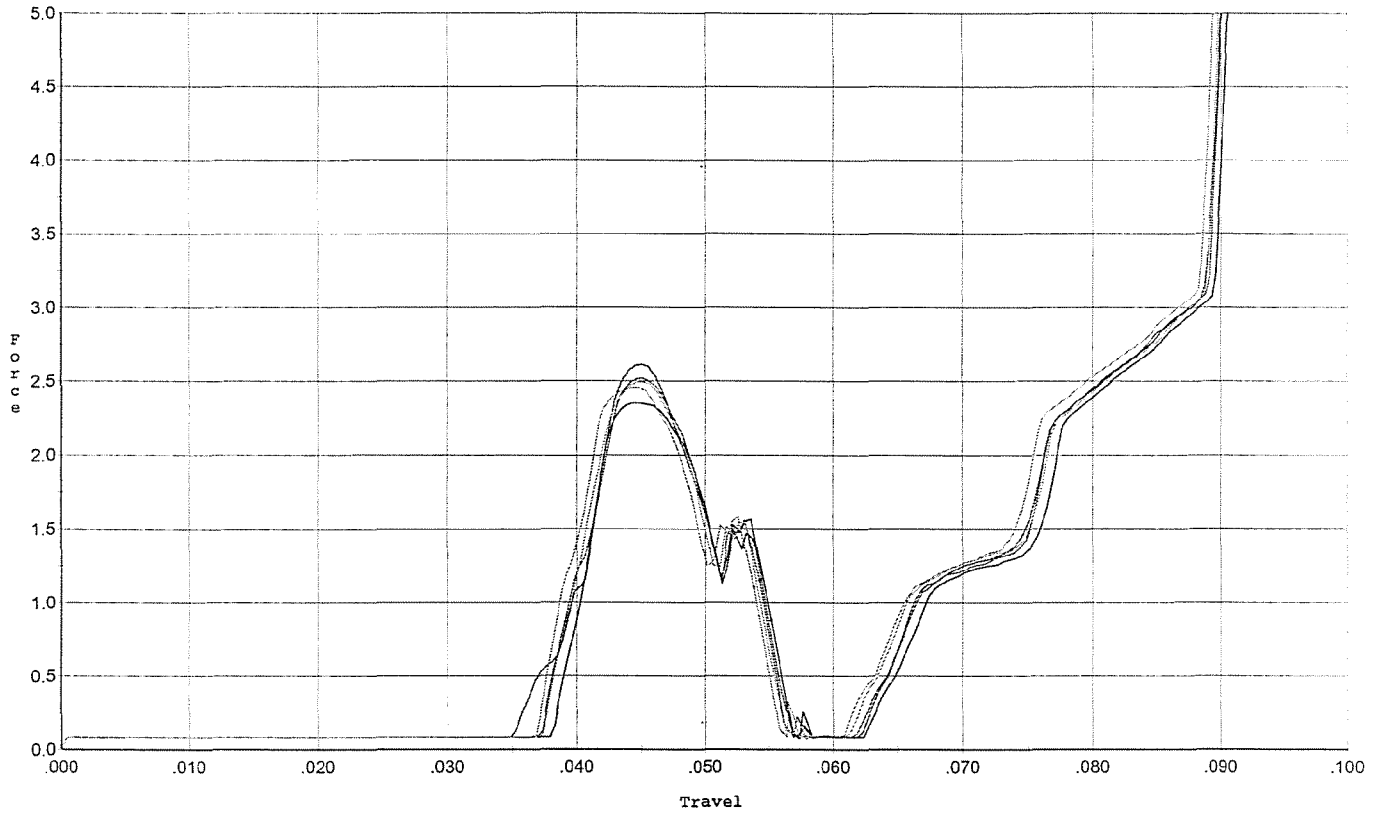
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.446	0.048	0.032	0.042	0.031		Set Trigger
2	2.438	0.047	0.032	0.041	0.030		Set Trigger
3	2.505	0.048	0.032	0.040	0.032		Set Trigger
4	2.614	0.048	0.030	0.040	0.033		Set Trigger
5	2.645	0.047	0.031	0.039	0.032		Set Trigger

Aug 2.53

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/03/07

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



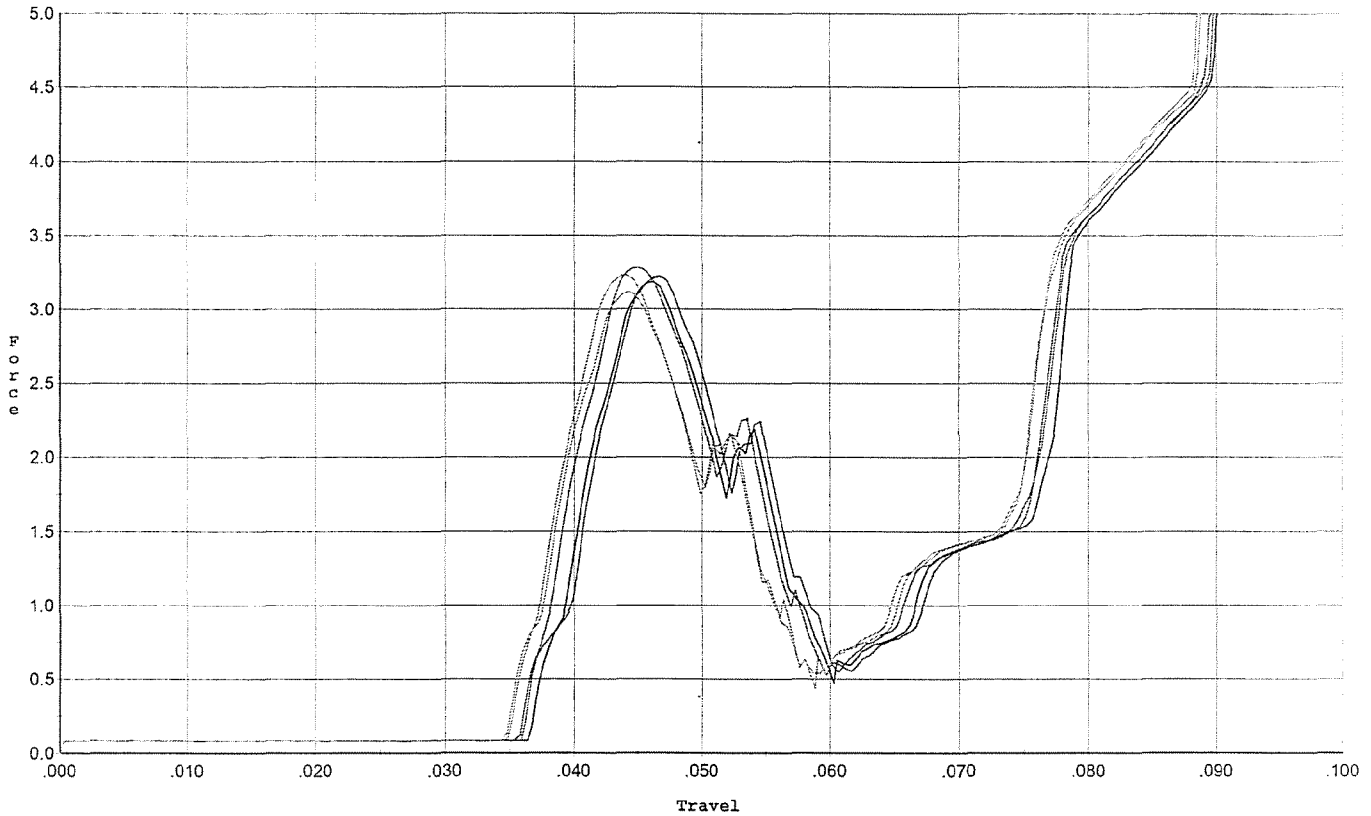
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.613	0.054	0.035	0.042	0.033		Set Trigger
2	2.354	0.055	0.038	0.041	0.031		Set Trigger
3	2.519	0.054	0.038	0.042	0.032		Set Trigger
4	2.495	0.053	0.038	0.041	0.031		Set Trigger
5	2.457	0.054	0.037	0.041	0.032		Set Trigger

Aug 2.48

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/03/07

Model: M/24
 Serial No: Form #F005
 Trigger: 3.0 lbs. ini. +/- .75 lbs.



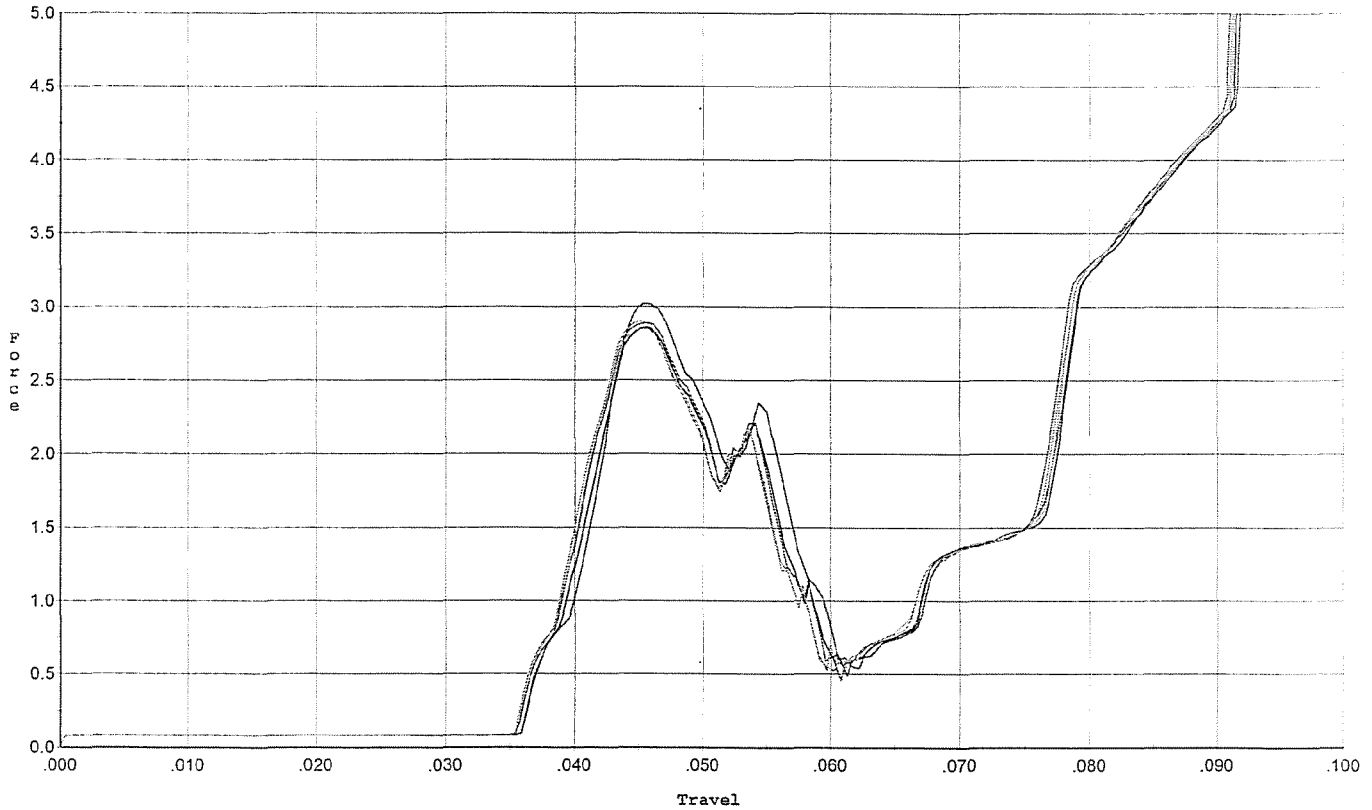
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.222	0.055	0.036	0.040	0.044		Set Trigger
2	3.183	0.054	0.037	0.040	0.042		Set Trigger
3	3.283	0.054	0.036	0.040	0.044		Set Trigger
4	3.120	0.053	0.035	0.039	0.042		Set Trigger
5	3.228	0.053	0.035	0.039	0.043		Set Trigger

Aug 3.20

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/03/07

Model: M/24
 Serial No: Form #F005
 Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



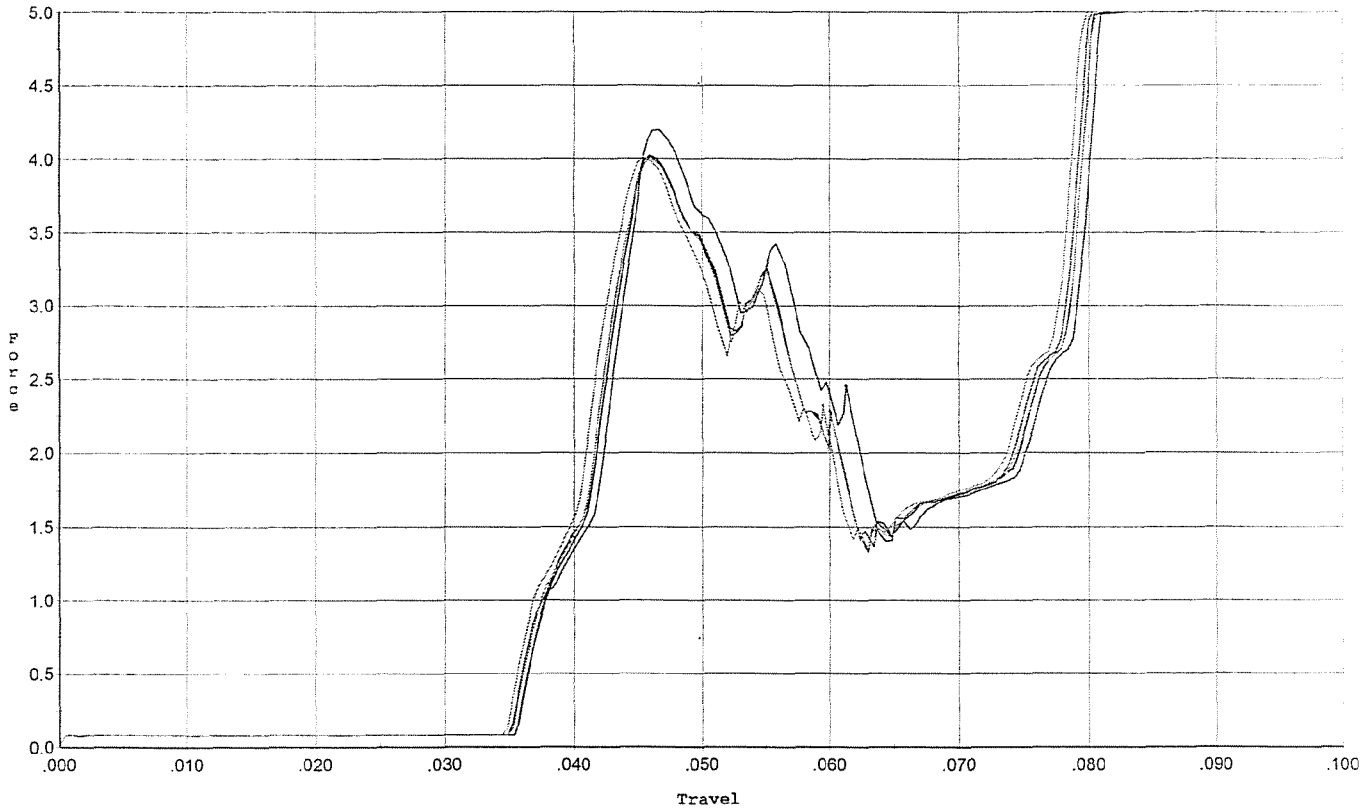
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.023	0.056	0.036	0.041	0.044		Set Trigger
2	2.858	0.055	0.036	0.041	0.041		Set Trigger
3	2.891	0.058	0.036	0.039	0.045		Set Trigger
4	2.902	0.058	0.036	0.040	0.044		Set Trigger
5	2.852	0.055	0.036	0.041	0.041		Set Trigger

Aug 2.90

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 1/03/07

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



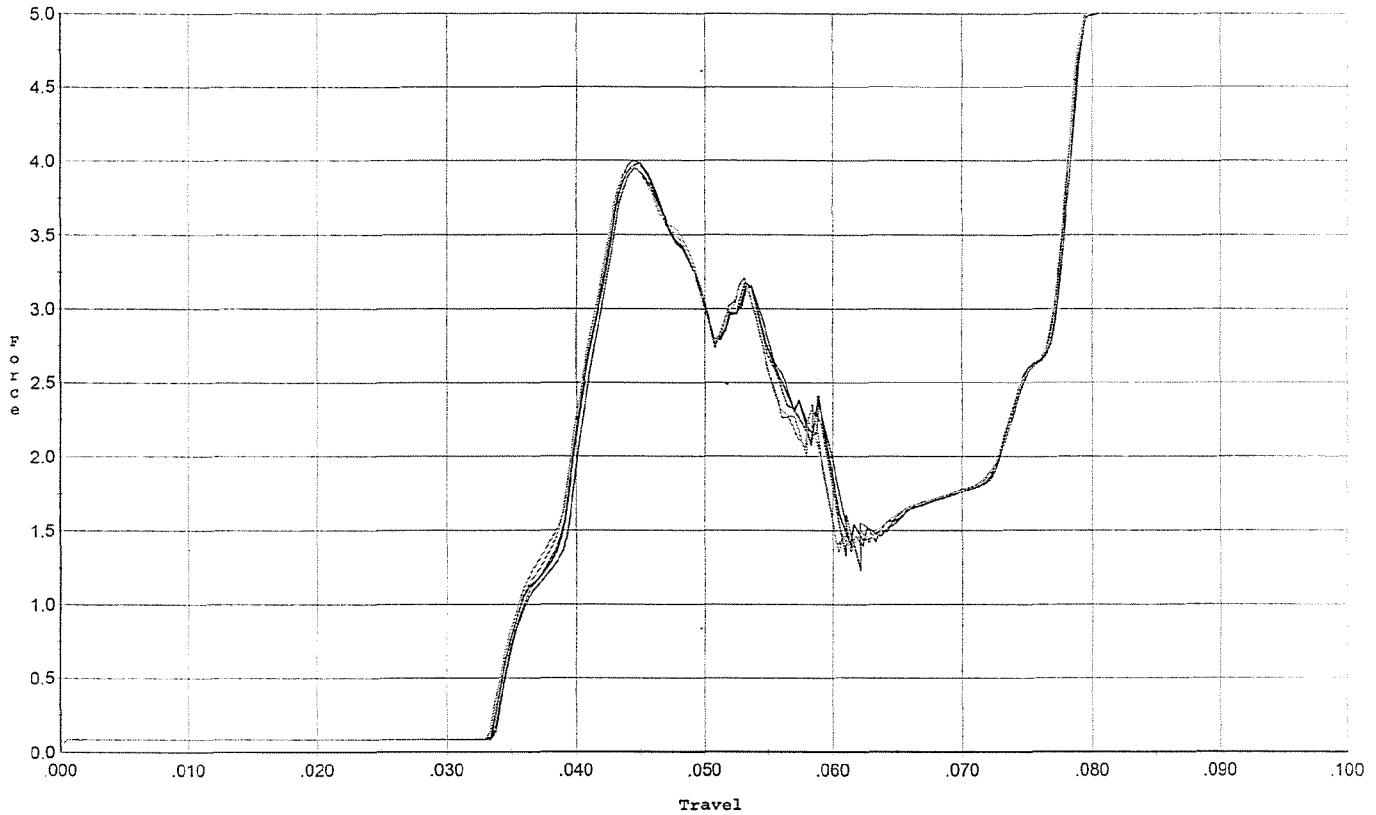
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.195	0.061	0.035	0.027	0.073		Set Trigger
2	4.022	0.060	0.036	0.028	0.067		Set Trigger
3	4.011	0.060	0.036	0.028	0.068		Set Trigger
4	3.993	0.061	0.036	0.028	0.070		Set Trigger
5	4.012	0.059	0.035	0.028	0.067		Set Trigger

Avg 4.04

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/03/07

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



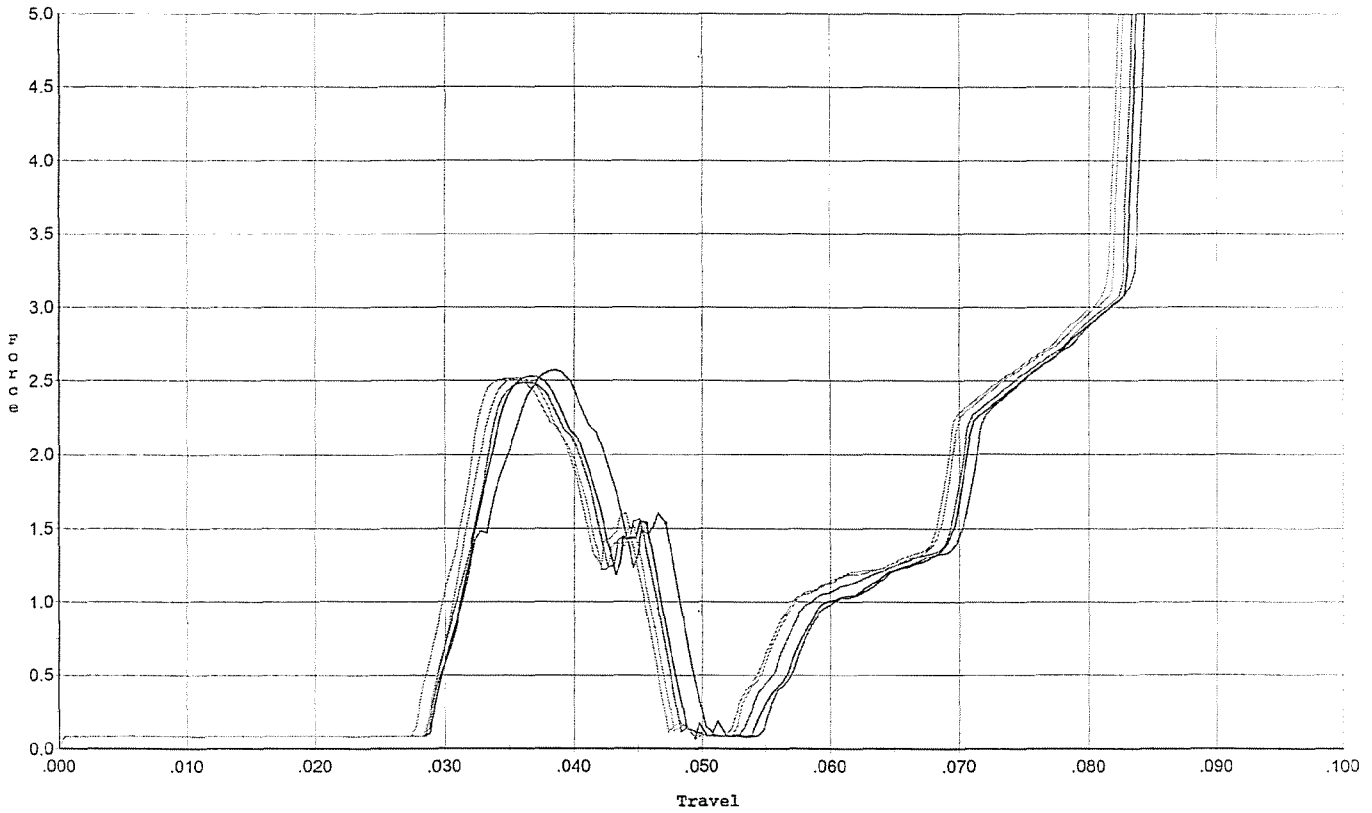
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.947	0.060	0.034	0.028	0.069		Set Trigger
2	3.985	0.059	0.034	0.029	0.069		Set Trigger
3	3.999	0.059	0.034	0.028	0.069		Set Trigger
4	3.959	0.058	0.034	0.029	0.068		Set Trigger
5	3.965	0.059	0.033	0.029	0.069		Set Trigger

Aug 3.97

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/03/07

Model: M/24
 Serial No: Form #F005
 Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



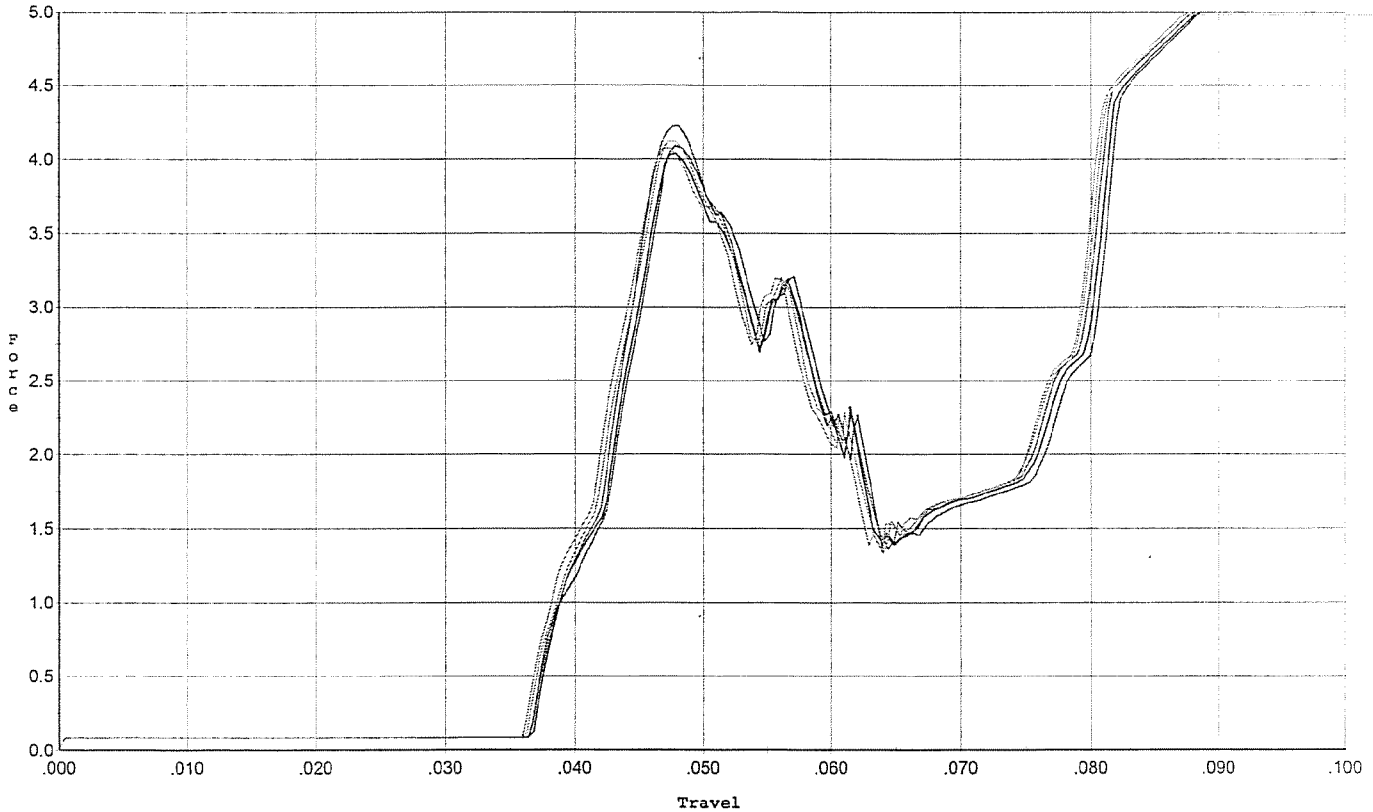
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.573	0.047	0.029	0.041	0.035		Set Trigger
2	2.533	0.046	0.029	0.044	0.032		Set Trigger
3	2.491	0.047	0.029	0.043	0.033		Set Trigger
4	2.518	0.046	0.029	0.043	0.032		Set Trigger
5	2.512	0.045	0.028	0.043	0.033		Set Trigger

Aug 2.52

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 1/03/07

Model: M/24
 Serial No: Form #F005
 Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.091	0.062	0.037	0.034	0.070		Set Trigger
2	4.039	0.062	0.037	0.035	0.068		Set Trigger
3	4.230	0.061	0.037	0.034	0.070		Set Trigger
4	4.122	0.057	0.037	0.037	0.061		Set Trigger
5	4.074	0.056	0.036	0.037	0.060		Set Trigger

Avg 4.11