

G 662 4738

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

-- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



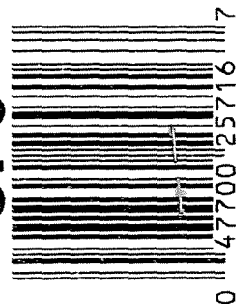
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6624738

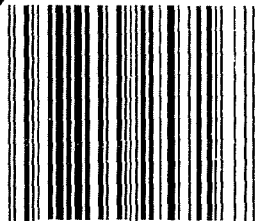
UPC



ORDER 25716

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

UPC

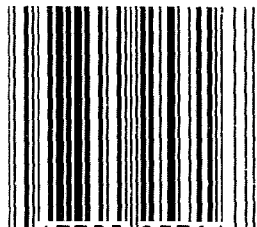


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ORDER 25716

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

UPC



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SERIAL NO.



66624738

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6624738

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	MAGNA-FLUX INSPECTED	12/28/06	non
460	CHECK HEADSPACE	JAN 04 2007	12/28/06	non
470	DIS-ASSEMBLE ACTION	OPERATOR <u>APD</u>	1-2-07	RTZ
480	MAGNAFLUX BBL ACTION		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	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1-16-07	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-16-07	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-16-07	DA
	D) OIL FIRING PIN ASSEMBLY		1-17-07	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	2/13/07	non

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>4⁵</u> <u>3⁵</u> <u>4⁰</u>	2/13/07	nom
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2⁵</u> <u>2⁵</u> <u>2⁵</u>	2/13/07	nom
	H) TRIGGER PULL TEST AND RETAINABILITY		2/13/07	nom
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.025</u> <u>.025</u>	2/13/07	nom
	J) ASSEMBLE STOCK		1-27-07	RTZ
	K) ASSEMBLE SWIVEL STUDS		2/13/07	nom
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		2/13/07	nom
	M) IRON SIGHT ALIGNMENT		2/13/07	nom
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		2/13/07	nom
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	1/24/07	nom
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1-24-07	SD
670	FINAL INSPECTION A) HEADSPACE		2/13/07	nom
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.28</u> <u>2.08</u> <u>2.12</u> <u>2.34</u> <u>2.25</u>	1-29-07	TRW
	C) FUNCTION		2/13/07	nom
690	PACK		2/23/07	DA

F004 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0141661~~ 0141700

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6624738.___0
FILE DATE AND TIME: 01/25/2007 08:05

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.142
The Average Y Centroid of the Five Target Set:	-0.049
The Average Point of Impact of the Five Target Set:	0.151
The Average Mean Radius of the Five Target Set:	0.653
The Distance from POA to Centroid Target #1:	0.194
The Distance from Centroid Target #2 to Centroid Target #1:	0.099
The Distance from Centroid Target #3 to Centroid Target #1:	0.126
The Distance from Centroid Target #4 to Centroid Target #1:	0.109
The Distance from Centroid Target #5 to Centroid Target #1:	0.079

BARBER - M24 0141663

SERIAL NUMBER: G6624738. 0

TARGET NUMBER: 1

FILE DATE: 01/25/2007

FILE TIME: 08:05

POINT#	X	Y
1:	1.527	-0.201
2:	1.190	-0.082
3:	0.680	-0.328
4:	0.753	0.041
5:	0.331	0.113
6:	0.050	-0.873
7:	-0.399	-0.066
8:	-0.315	0.379
9:	-0.788	0.024
10:	-1.314	0.091

X CENTROID: 0.171

Y CENTROID: -0.090

POA TO CENTROID: 0.194

HORZ SPREAD: 2.841

VERT SPREAD: 1.252

GROUP SPREAD: 2.856

MIN RADIUS: 0.258

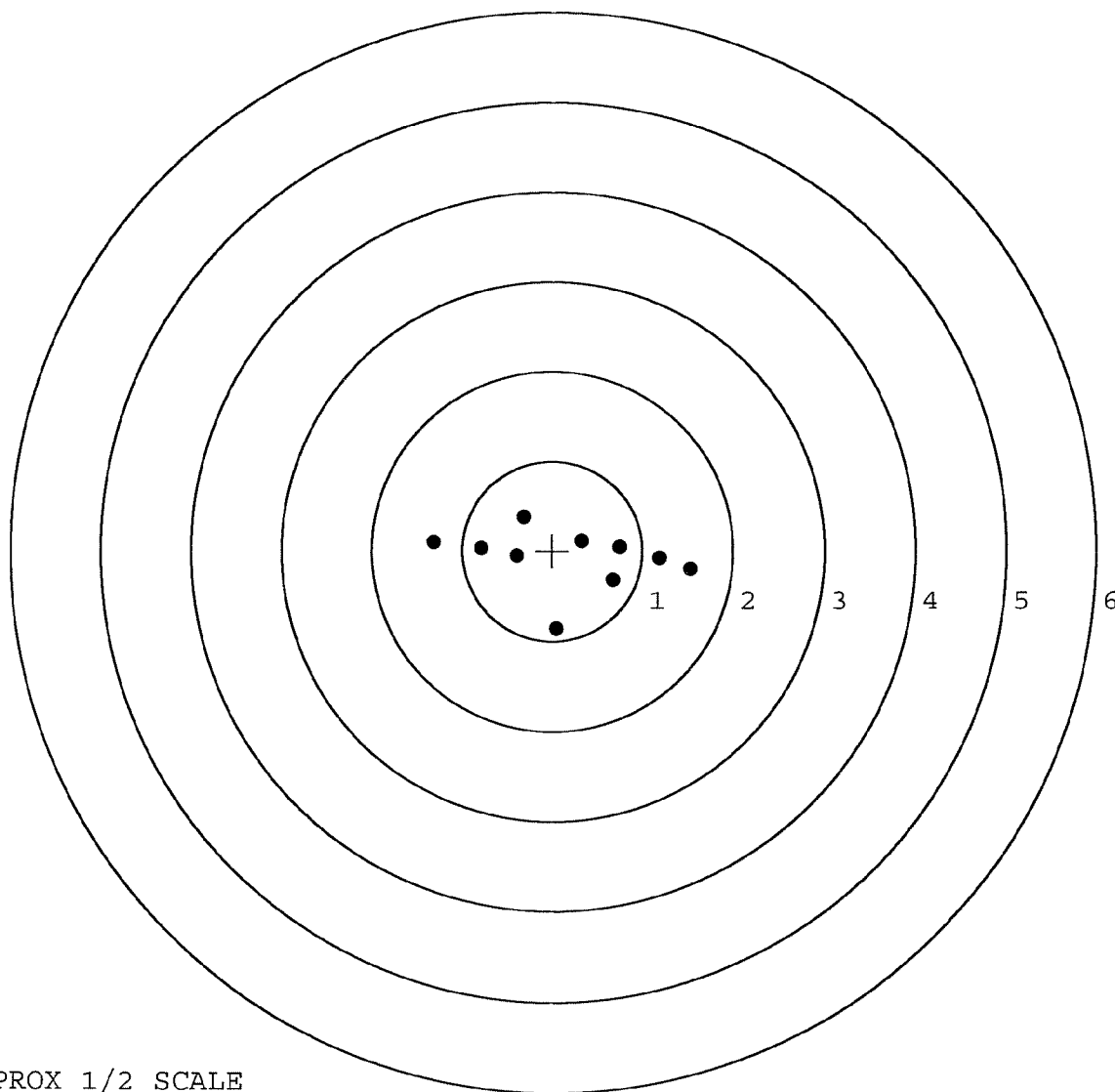
MAX RADIUS: 1.497

MEAN RADIUS: 0.830

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0141664

SERIAL NUMBER: G6624738. __0

TARGET NUMBER: 2

FILE DATE: 01/25/2007

FILE TIME: 08:05

POINT#	X	Y
1:	0.586	0.635
2:	-0.174	0.555
3:	-0.971	-0.144
4:	-0.283	-0.428
5:	-0.108	0.065
6:	0.563	-0.446
7:	0.277	-0.353
8:	0.486	-0.041
9:	0.414	-0.235
10:	0.016	-0.120

X CENTROID: 0.081

Y CENTROID: -0.051

POA TO CENTROID: 0.095

HORZ SPREAD: 1.557

VERT SPREAD: 1.081

GROUP SPREAD: 1.741

MIN RADIUS: 0.094

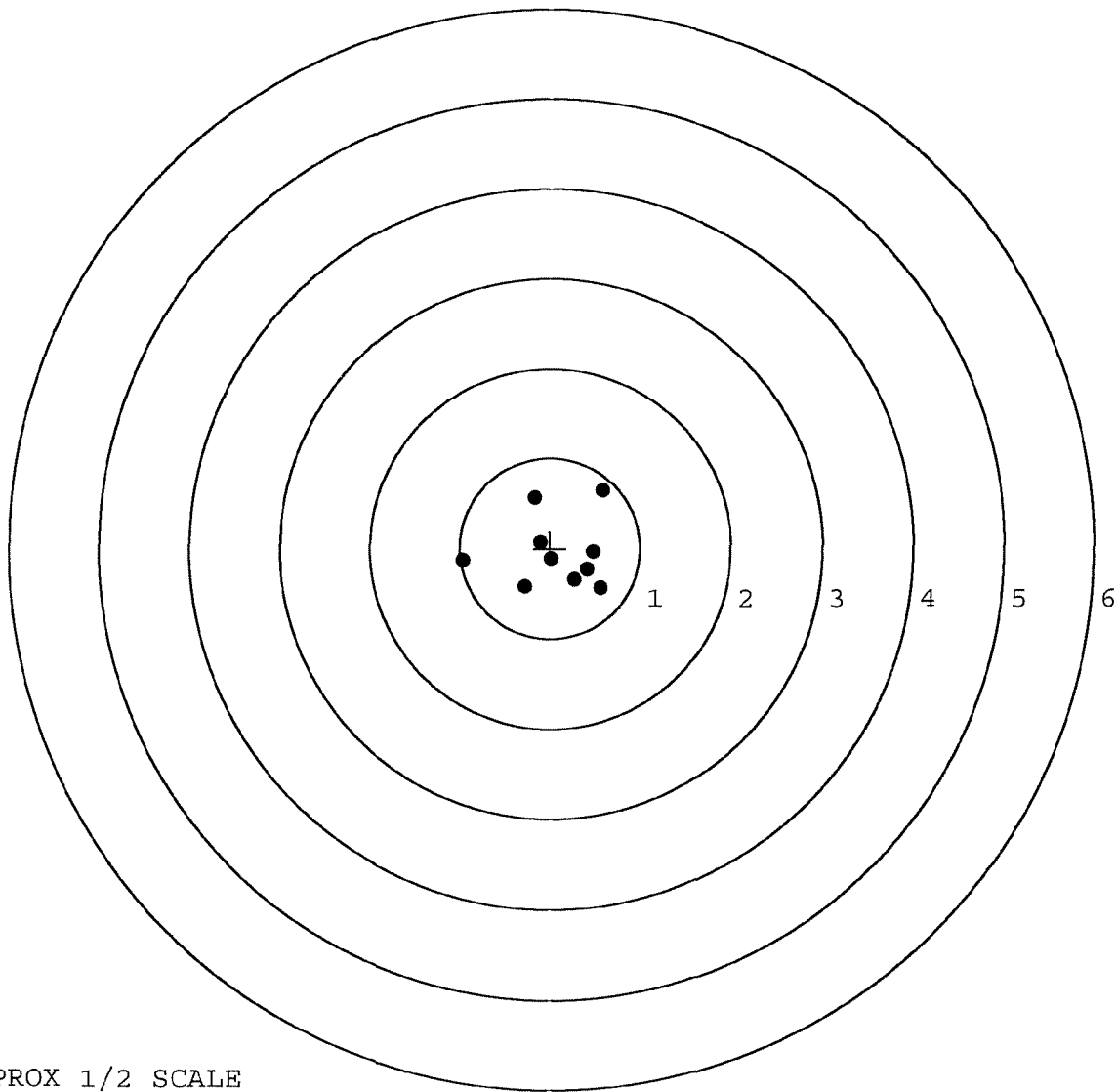
MAX RADIUS: 1.056

MEAN RADIUS: 0.517

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0141665

SERIAL NUMBER: G6624738. __0

TARGET NUMBER: 3

FILE DATE: 01/25/2007

FILE TIME: 08:05

POINT#	X	Y
1:	0.609	-0.883
2:	0.675	-0.576
3:	0.573	-0.096
4:	0.670	0.458
5:	-0.241	0.765
6:	0.137	-0.405
7:	0.014	-0.037
8:	-0.213	0.032
9:	-0.538	-0.203
10:	-1.213	0.238

X CENTROID: 0.047

Y CENTROID: -0.071

POA TO CENTROID: 0.085

HORZ SPREAD: 1.888

VERT SPREAD: 1.648

GROUP SPREAD: 2.139

MIN RADIUS: 0.047

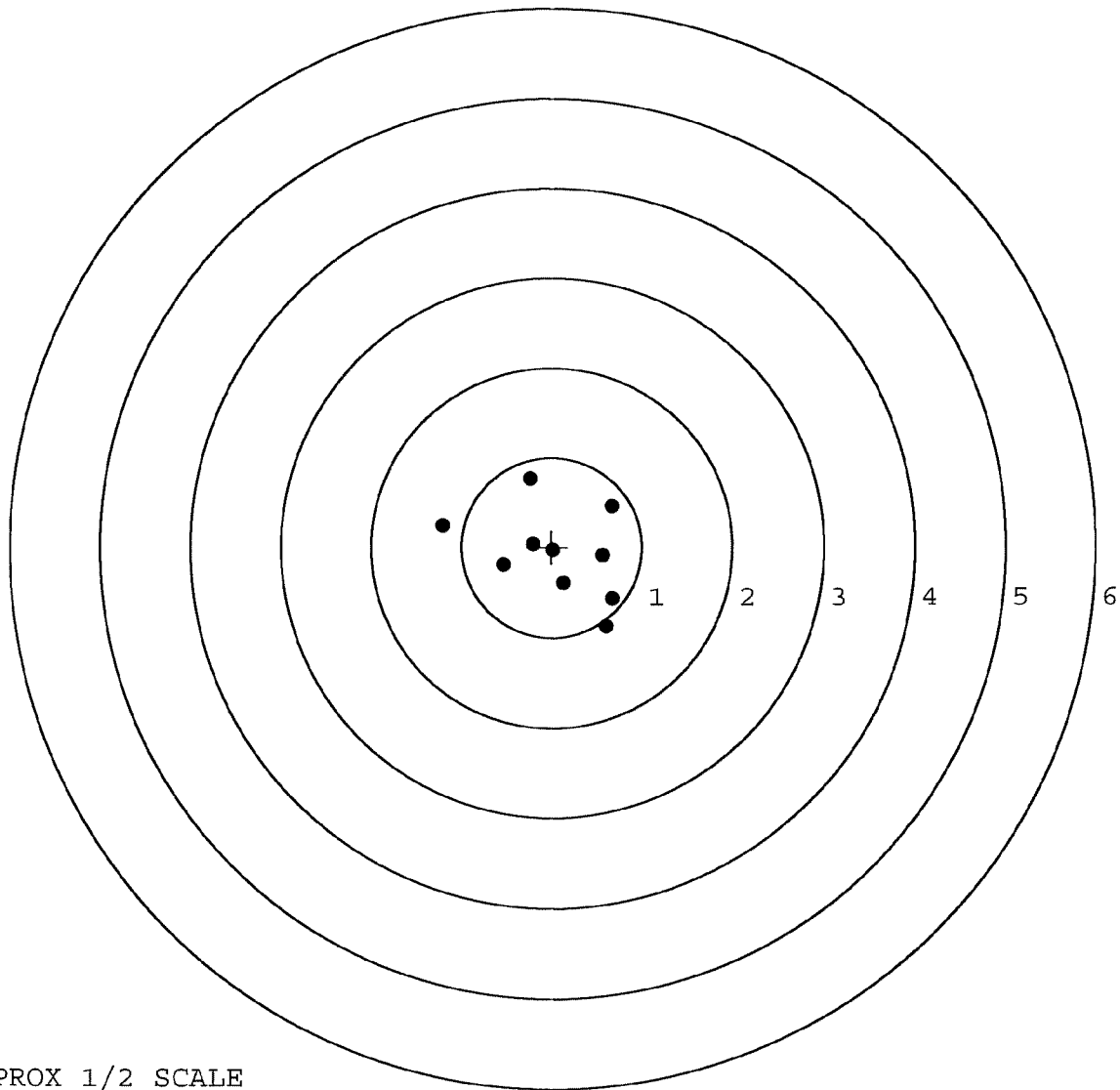
MAX RADIUS: 1.298

MEAN RADIUS: 0.659

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0141666

SERIAL NUMBER: G6624738. 0

TARGET NUMBER: 4

FILE DATE: 01/25/2007

FILE TIME: 08:05

POINT#	X	Y
1:	0.155	1.158
2:	0.775	0.629
3:	0.565	0.486
4:	0.487	0.145
5:	0.228	-0.850
6:	0.294	-0.484
7:	-0.495	-0.686
8:	-0.454	-0.331
9:	0.024	-0.082
10:	0.138	0.198

X CENTROID: 0.172

Y CENTROID: 0.018

POA TO CENTROID: 0.173

HORZ SPREAD: 1.270

VERT SPREAD: 2.008

GROUP SPREAD: 2.009

MIN RADIUS: 0.179

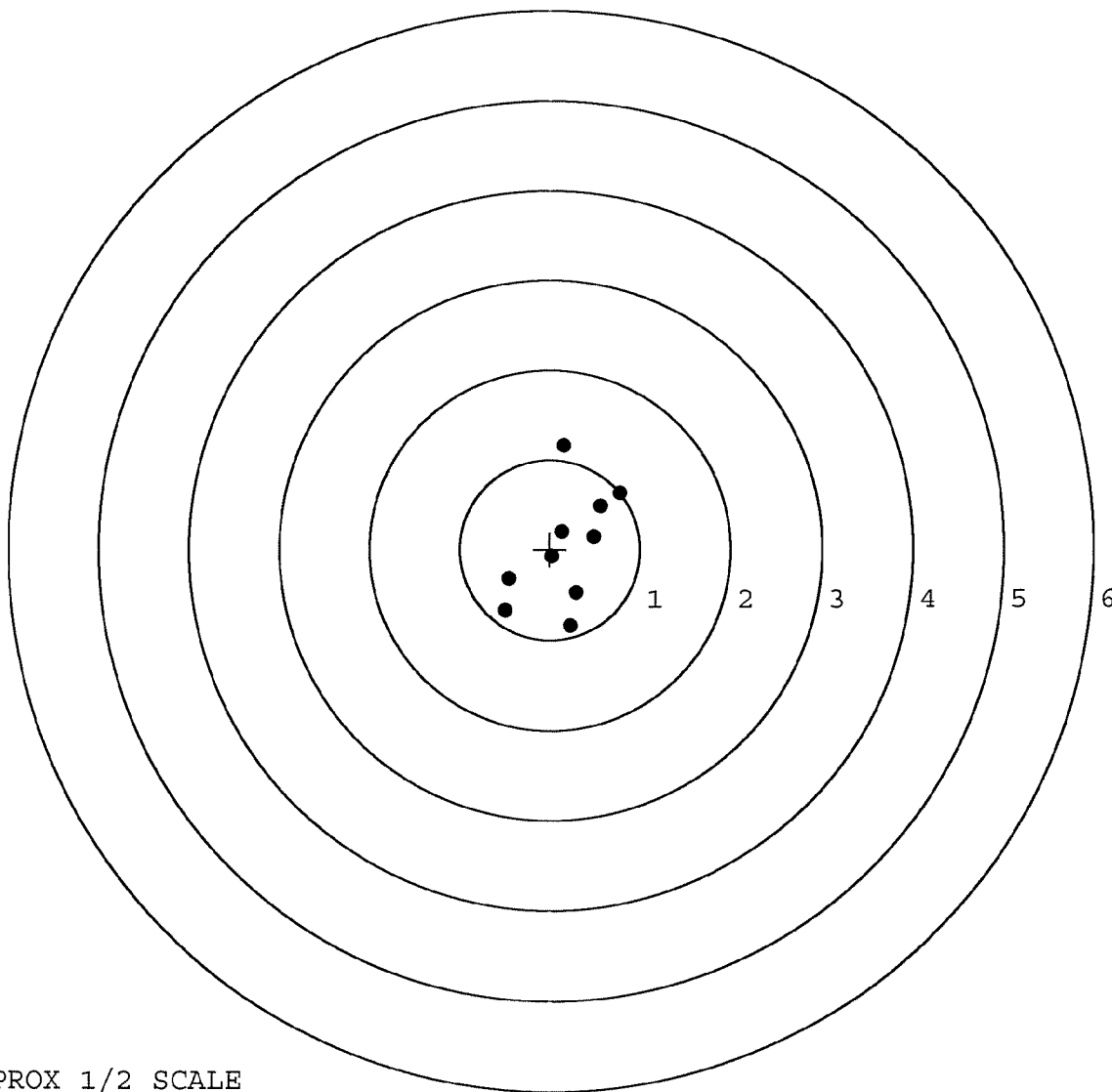
MAX RADIUS: 1.140

MEAN RADIUS: 0.638

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0141667

SERIAL NUMBER: G6624738. __0

TARGET NUMBER: 5

FILE DATE: 01/25/2007

FILE TIME: 08:05

POINT#	X	Y
1:	0.674	1.408
2:	0.571	0.765
3:	0.100	-0.946
4:	0.628	-0.546
5:	0.291	-0.470
6:	0.254	-0.187
7:	-0.014	-0.337
8:	-0.003	0.056
9:	-0.442	0.123
10:	0.353	-0.396

X CENTROID: 0.241

Y CENTROID: -0.053

POA TO CENTROID: 0.247

HORZ SPREAD: 1.116

VERT SPREAD: 2.354

GROUP SPREAD: 2.423

MIN RADIUS: 0.135

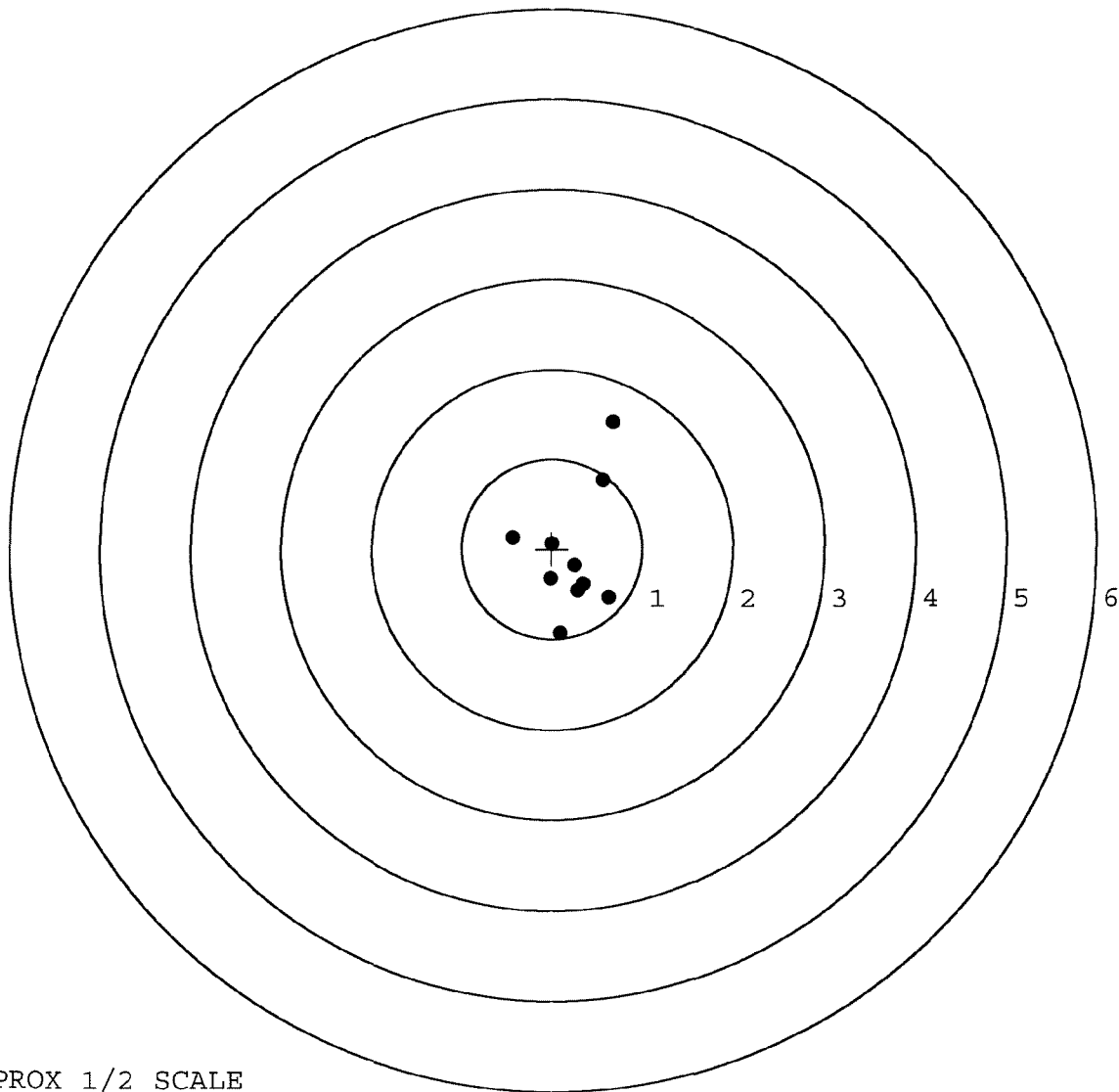
MAX RADIUS: 1.524

MEAN RADIUS: 0.621

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

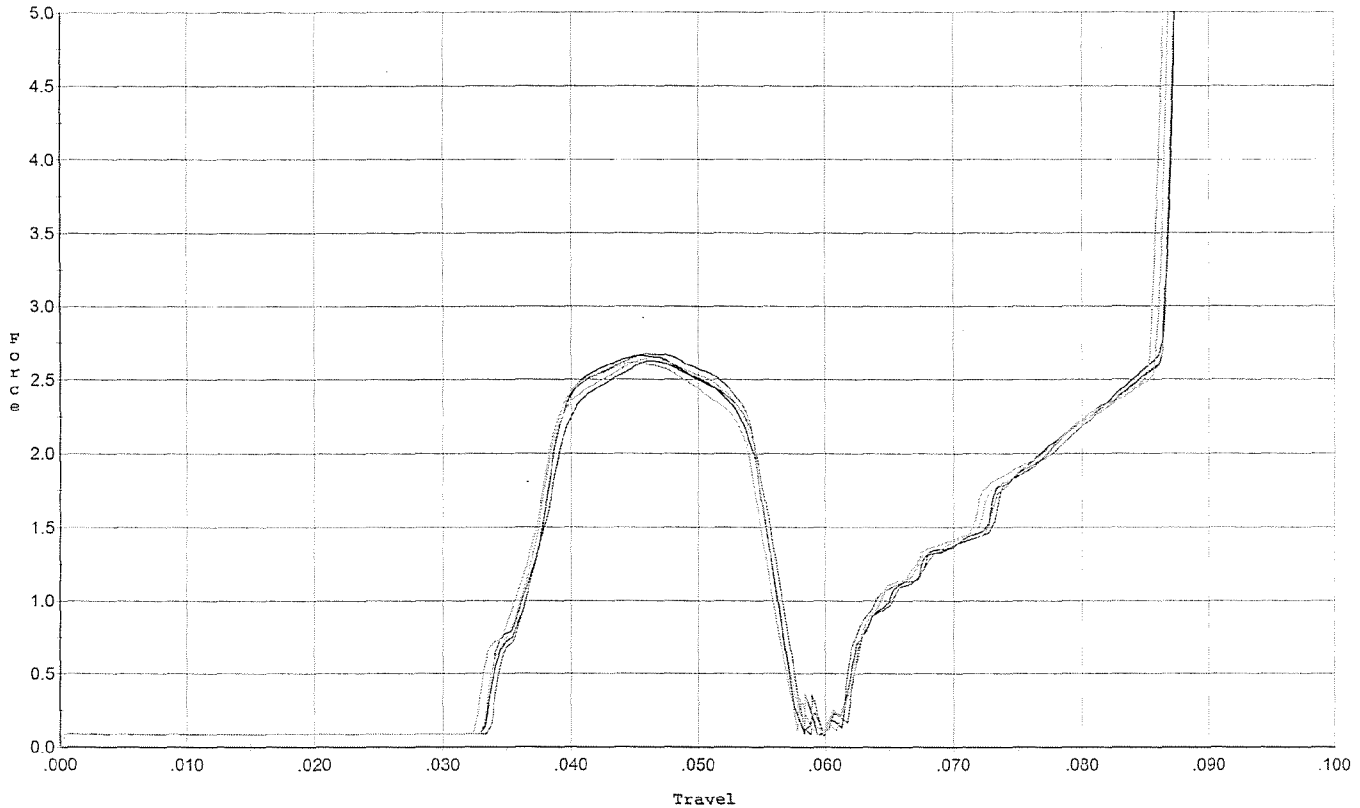


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/16/07

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



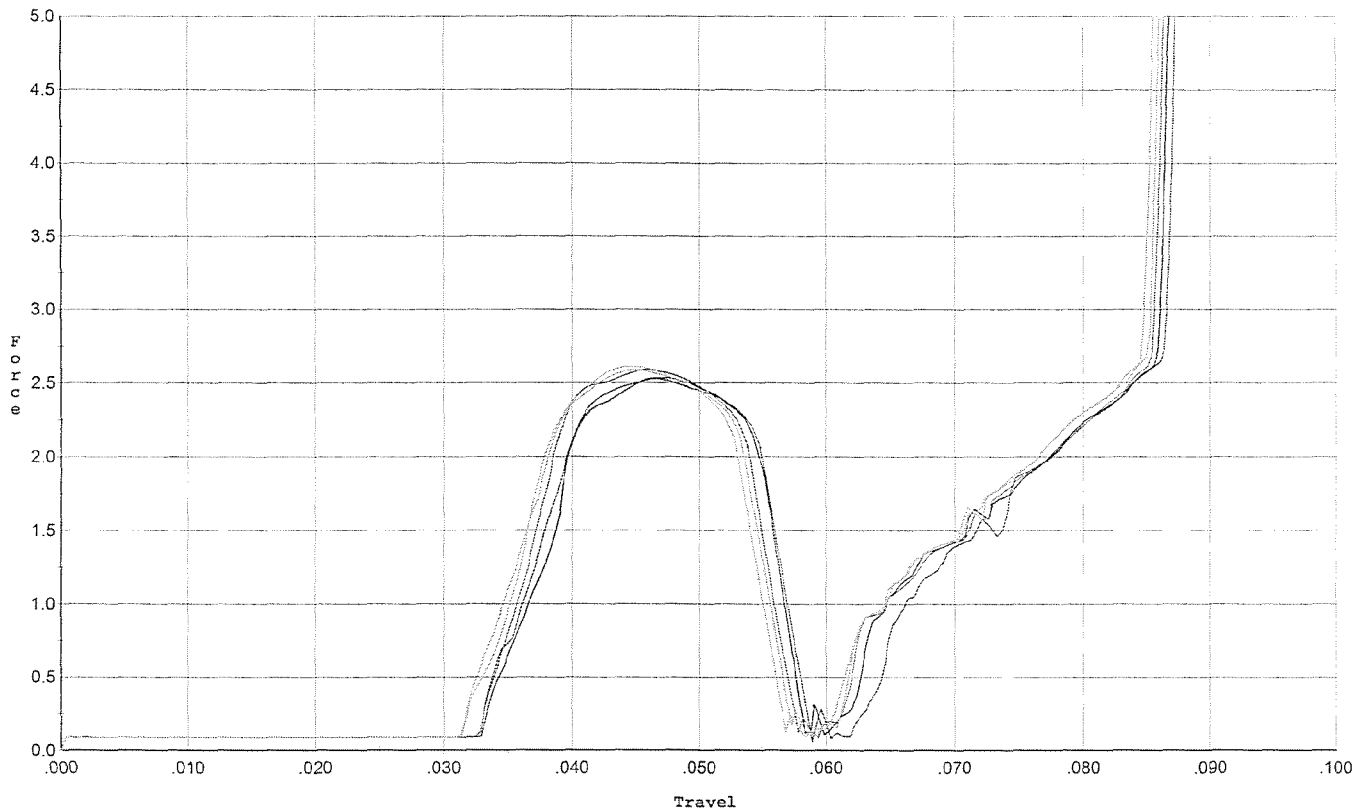
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.626	0.056	0.033	0.037	0.049		Set Trigger
2	2.662	0.054	0.034	0.037	0.048		Set Trigger
3	2.673	0.056	0.034	0.037	0.050		Set Trigger
4	2.640	0.054	0.033	0.037	0.049		Set Trigger
5	2.618	0.054	0.033	0.037	0.048		Set Trigger

Aug 2.64

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 1/16/07

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



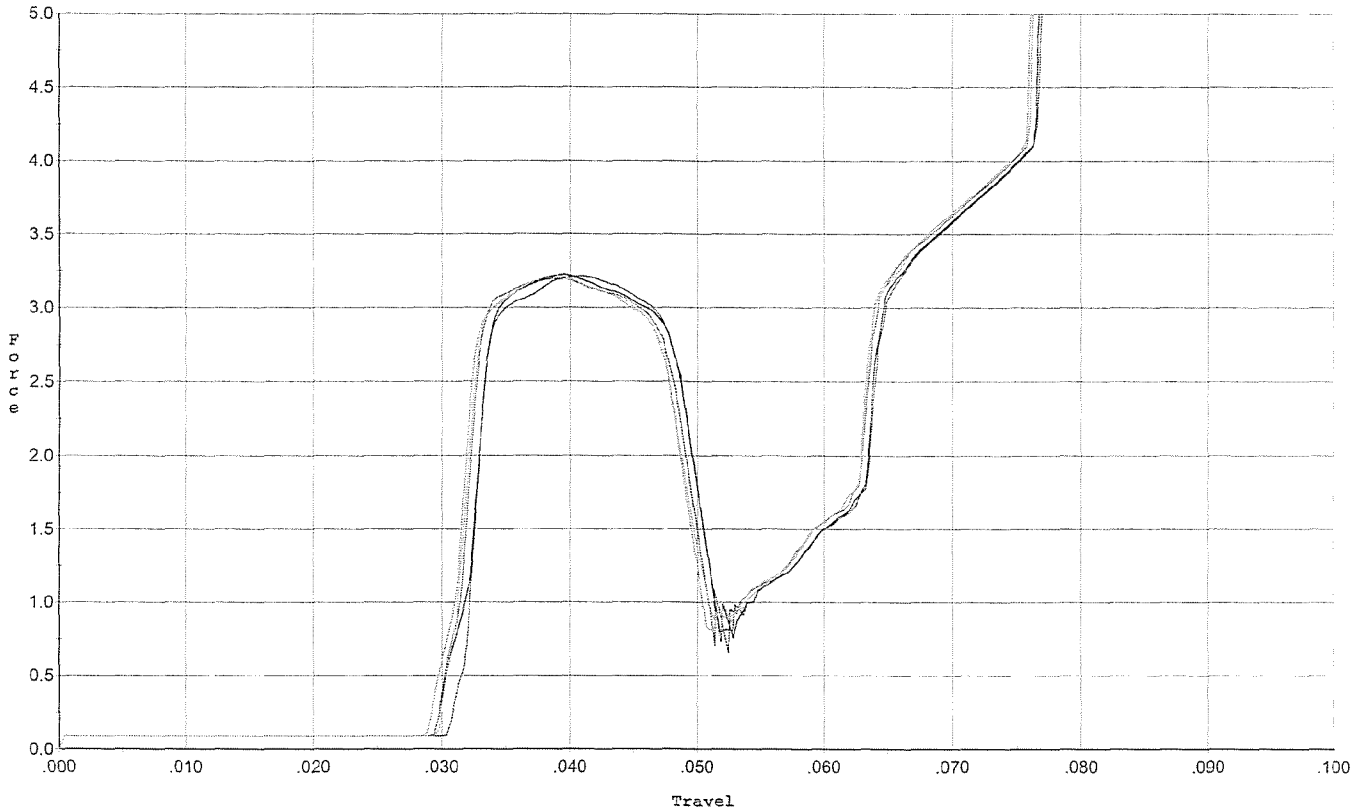
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.533	0.055	0.033	0.037	0.048		Set Trigger
2	2.532	0.055	0.033	0.037	0.047		Set Trigger
3	2.592	0.054	0.033	0.037	0.047		Set Trigger
4	2.611	0.055	0.032	0.037	0.048		Set Trigger
5	2.590	0.055	0.032	0.036	0.050		Set Trigger

Avg 2.57

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/16/07

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



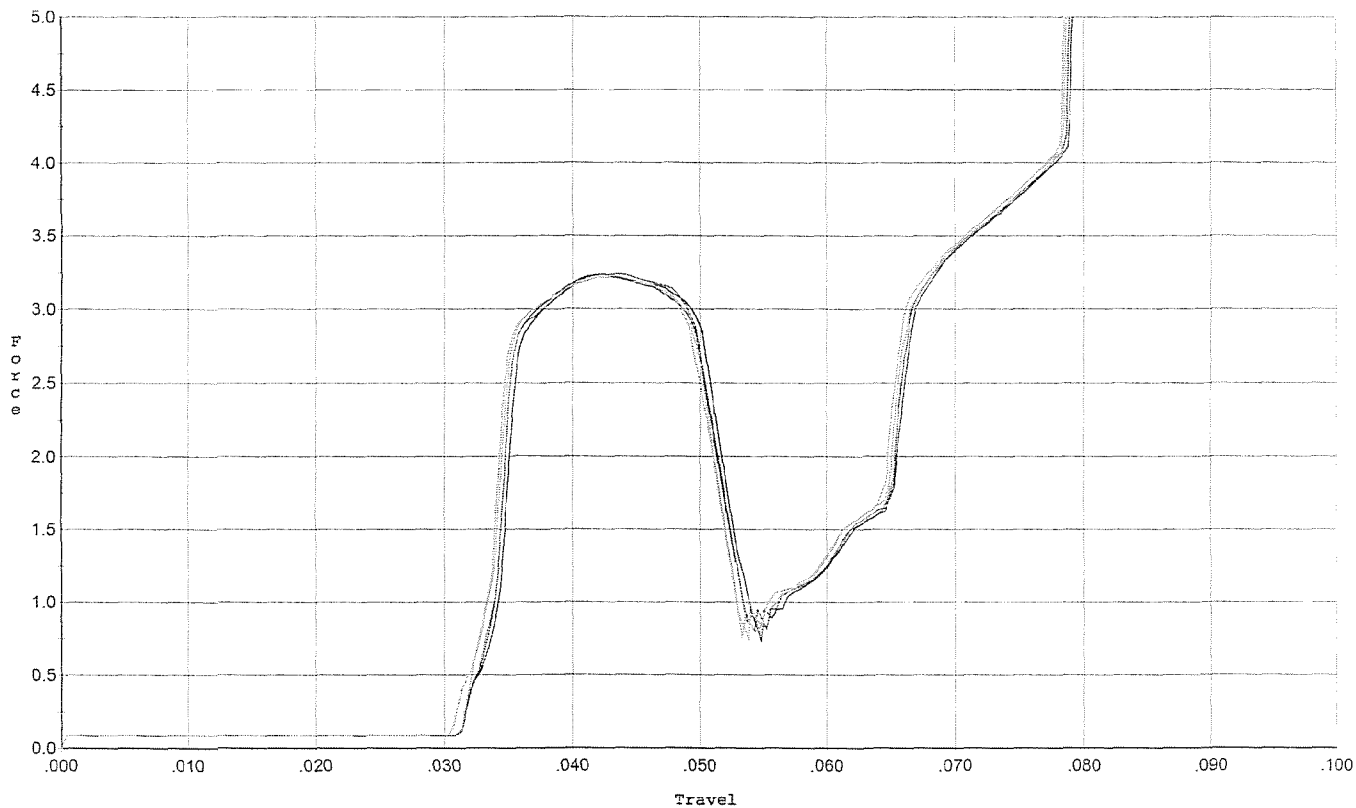
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.214	0.049	0.031	0.032	0.054		Set Trigger
2	3.223	0.049	0.030	0.032	0.055		Set Trigger
3	3.198	0.048	0.030	0.032	0.054		Set Trigger
4	3.218	0.047	0.030	0.032	0.053		Set Trigger
5	3.204	0.048	0.029	0.032	0.054		Set Trigger

Avg 3.21

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/16/07

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



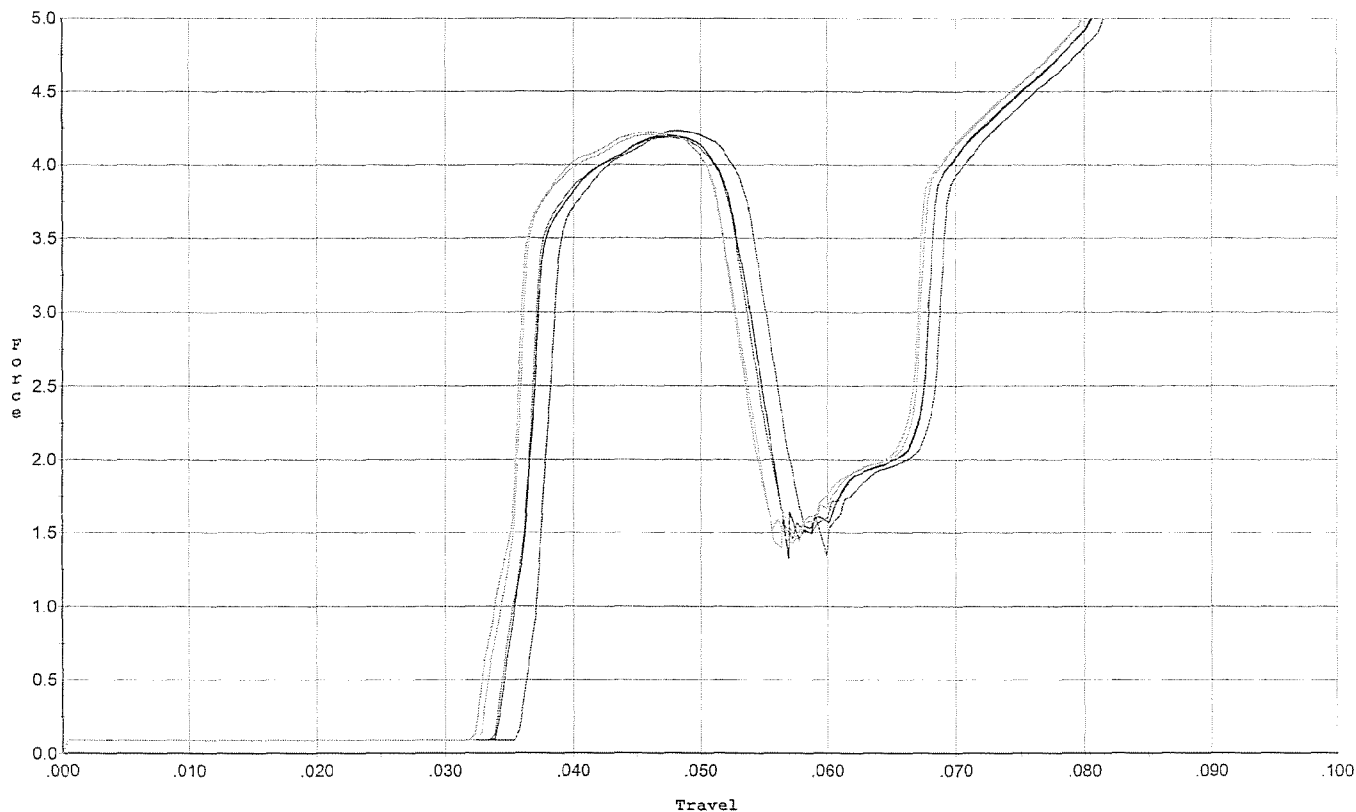
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.236	0.050	0.032	0.033	0.053		Set Trigger
2	3.230	0.050	0.032	0.033	0.054		Set Trigger
3	3.237	0.051	0.032	0.033	0.056		Set Trigger
4	3.216	0.050	0.031	0.033	0.055		Set Trigger
5	3.228	0.051	0.032	0.033	0.055		Set Trigger

Aug 3.22

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/16/07

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



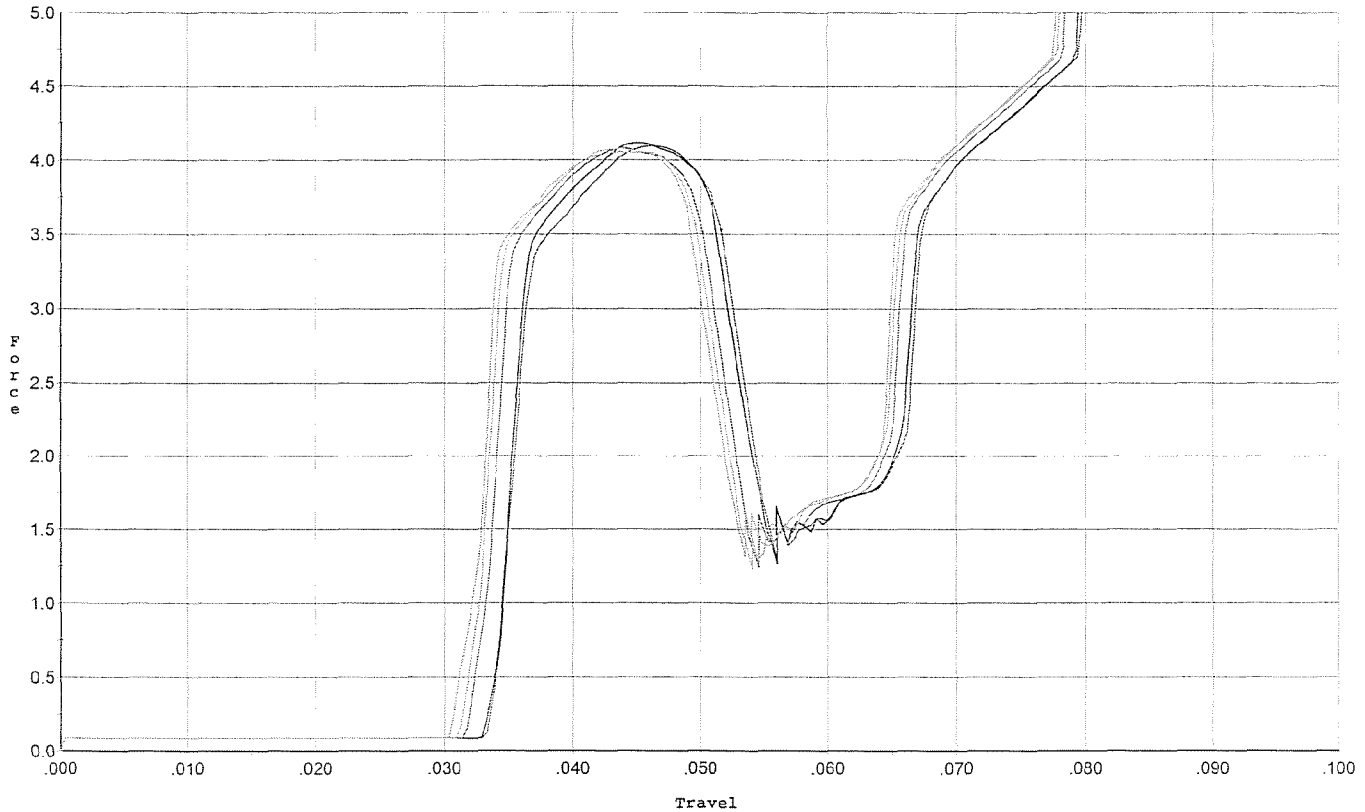
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.231	0.054	0.036	0.031	0.072		Set Trigger
2	4.196	0.054	0.034	0.031	0.074		Set Trigger
3	4.188	0.052	0.034	0.032	0.071		Set Trigger
4	4.205	0.051	0.033	0.032	0.071		Set Trigger
5	4.223	0.051	0.033	0.032	0.073		Set Trigger

Aug 4.20

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/16/07

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



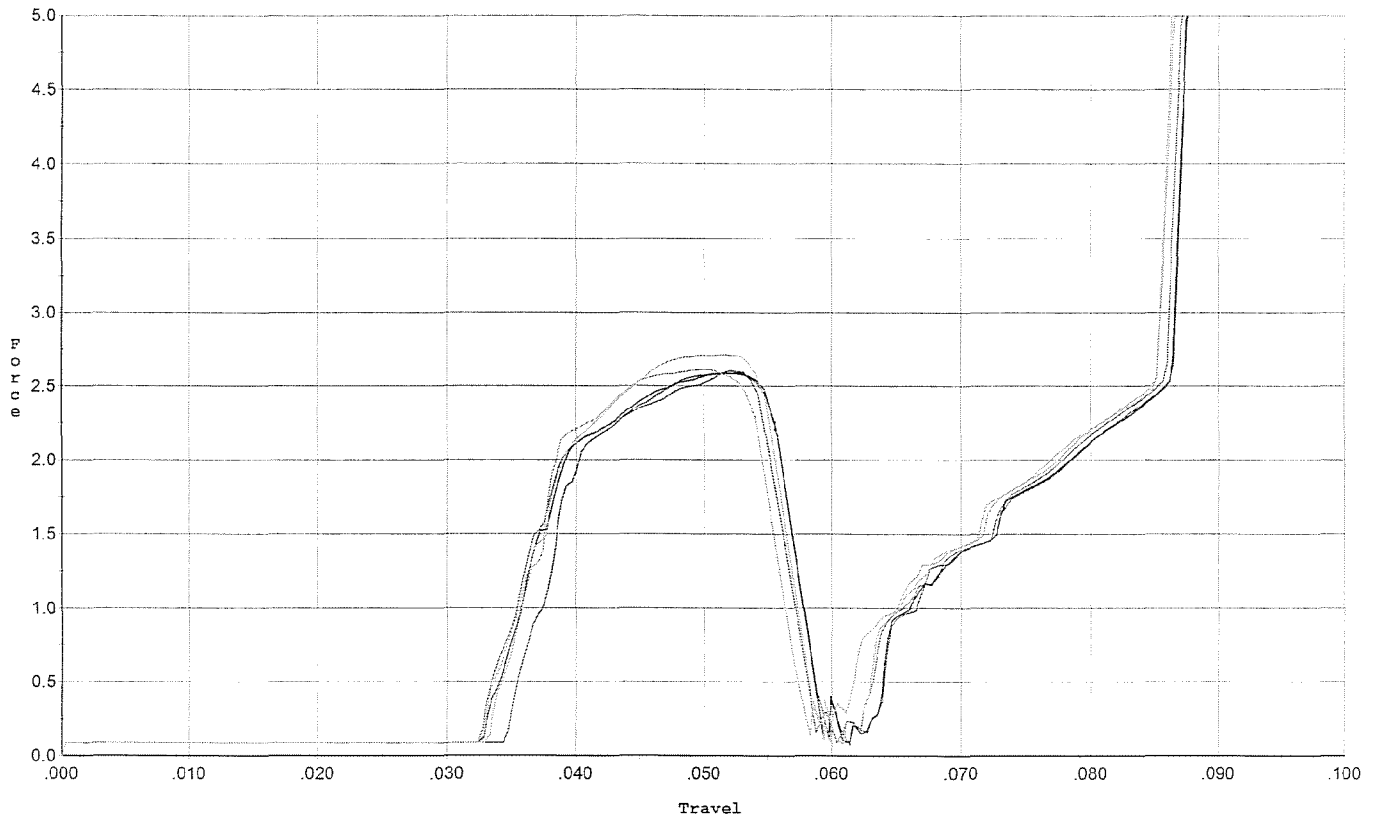
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.097	0.052	0.034	0.032	0.069		Set Trigger
2	4.117	0.051	0.033	0.032	0.068		Set Trigger
3	4.082	0.050	0.032	0.032	0.069		Set Trigger
4	4.075	0.050	0.031	0.032	0.069		Set Trigger
5	4.055	0.049	0.031	0.032	0.068		Set Trigger

Avg 4.08

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 1/16/07

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



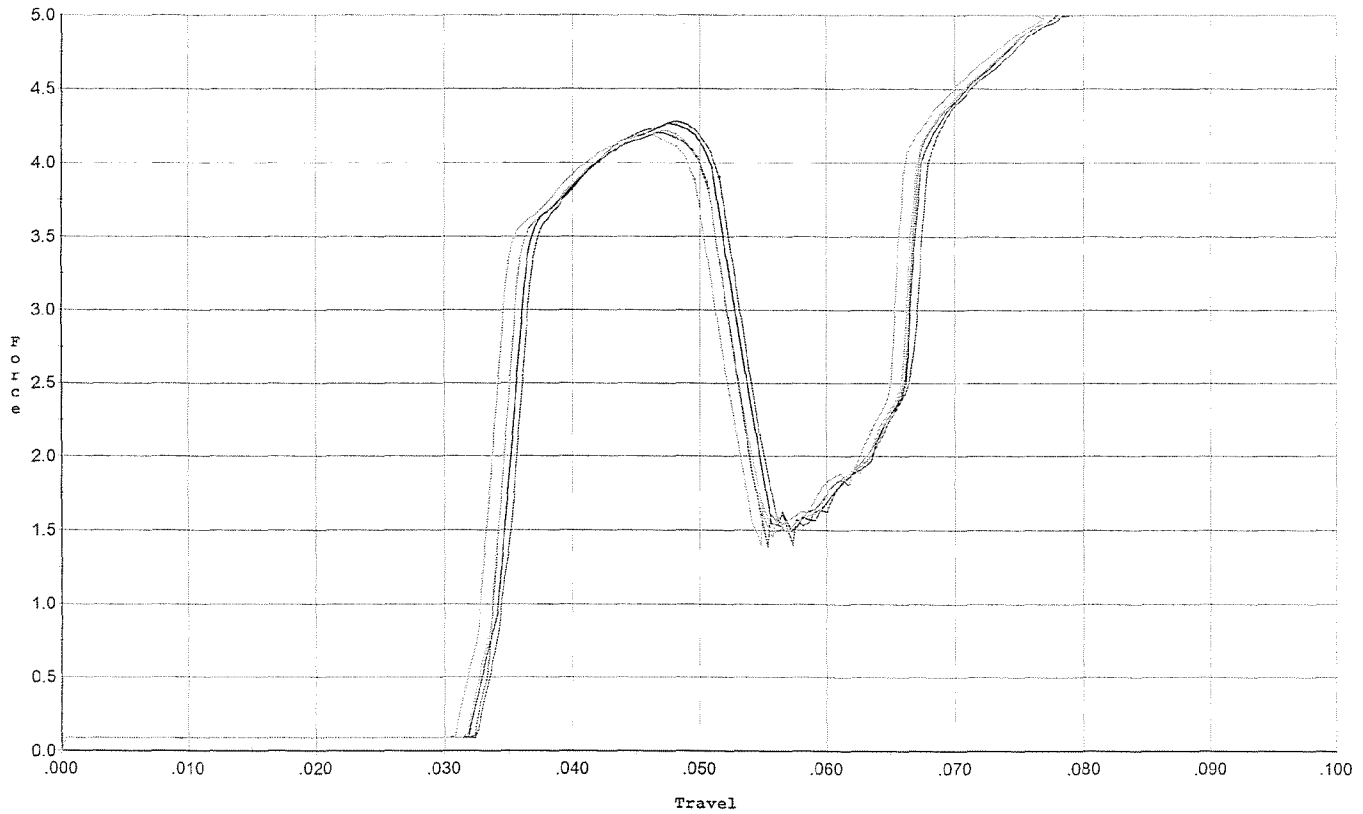
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.591	0.056	0.035	0.037	0.048		Set Trigger
2	2.588	0.056	0.033	0.037	0.051		Set Trigger
3	2.603	0.056	0.033	0.036	0.051		Set Trigger
4	2.713	0.055	0.033	0.036	0.051		Set Trigger
5	2.612	0.054	0.034	0.037	0.048		Set Trigger

AVG 2.62

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 1/16/07

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	4.281	0.052	0.033	0.032	0.072		Set Trigger
2	4.269	0.051	0.032	0.032	0.072		Set Trigger
3	4.202	0.051	0.033	0.032	0.071		Set Trigger
4	4.220	0.051	0.032	0.032	0.071		Set Trigger
5	4.201	0.050	0.031	0.031	0.070		Set Trigger

AVG 4.23