

BARBER - M24 0175277

6680326

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0175277 M2400175316

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

- INSTRUCTION BOOK 3518

BM. FORM

proof of purchase



owner registration sticker



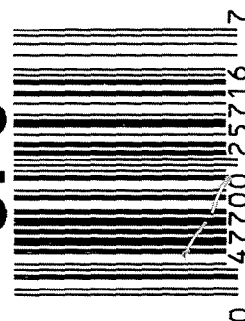
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6680326

UPC



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

UPC



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

UPC



SERIAL NO.



M-24
BARBER - M24 0175280 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66680326

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE			
420	ASSEMBLE ACTION		8/27/07	J.P.D.
430	ASSEMBLE TO STOCK		8/29/07	non
440	PROOF	MAGNA - FLUX	8/29/07	non
460	CHECK HEADSPACE	SEP 05 2007	8/29/07	non
470	DIS-ASSEMBLE ACTION		8-31-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR J.R.D.	9-5-07	J.R.D.
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-4-07	CW
510	DRILL AND TAP SIGHT HOLES		9-4-07	FM
520	GOFF BLAST BBL / REC		9-5-07	LM
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/6/07	FB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9/8/07	J.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/8/07	J.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/8/07	J.P.D.
	D) OIL FIRING PIN ASSEMBLY		9/10/07	J.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		9/14/07	non

F004 REV 5/2006

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KINZER V. REMINGTON

BARBER - M24 ~~0175280~~ 175319

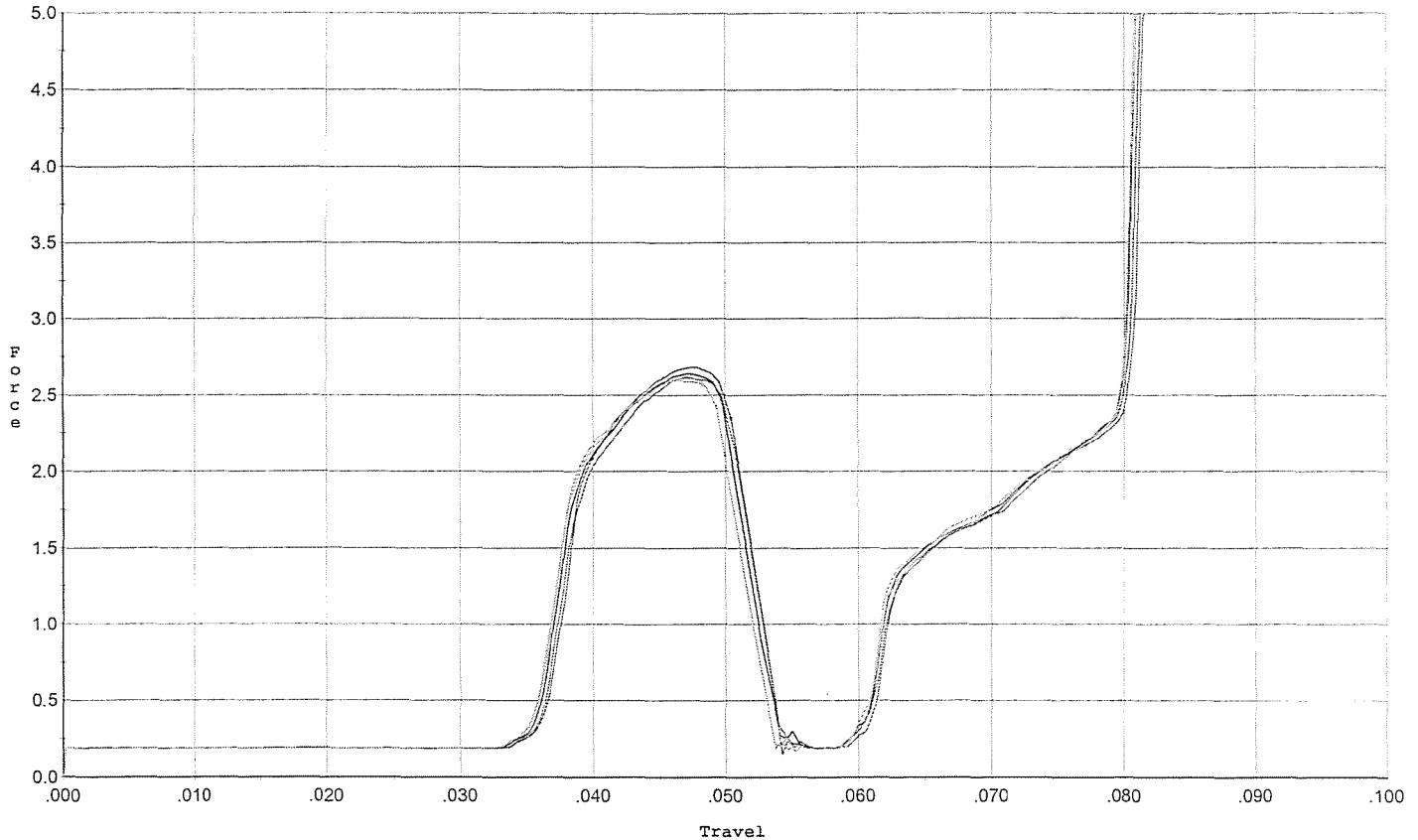
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.75</u> <u>5.50</u> <u>5.0</u>	9/14/07	mm
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>5.75</u> <u>6.0</u> <u>6.0</u>	9/14/07	mm
	H) TRIGGER PULL TEST AND RETAINABILITY		9/14/07	mm
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.024</u> <u>.024</u>	9/14/07	mm
	J) ASSEMBLE STOCK		9/10/07	RA
	K) ASSEMBLE SWIVEL STUDS		9/14/07	mm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9/17/07	mm
	M) IRON SIGHT ALIGNMENT		9/17/07	mm
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9/17/07	mm
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9/12/07	mm
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9/12/07	SD
670	FINAL INSPECTION A) HEADSPACE		9/14/07	mm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>257</u> <u>236</u> <u>246</u> <u>270</u> <u>225</u>	9/13/07	mm
	C) FUNCTION		9/14/07	mm
690	PACK		9/18/07	RA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/4/07

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



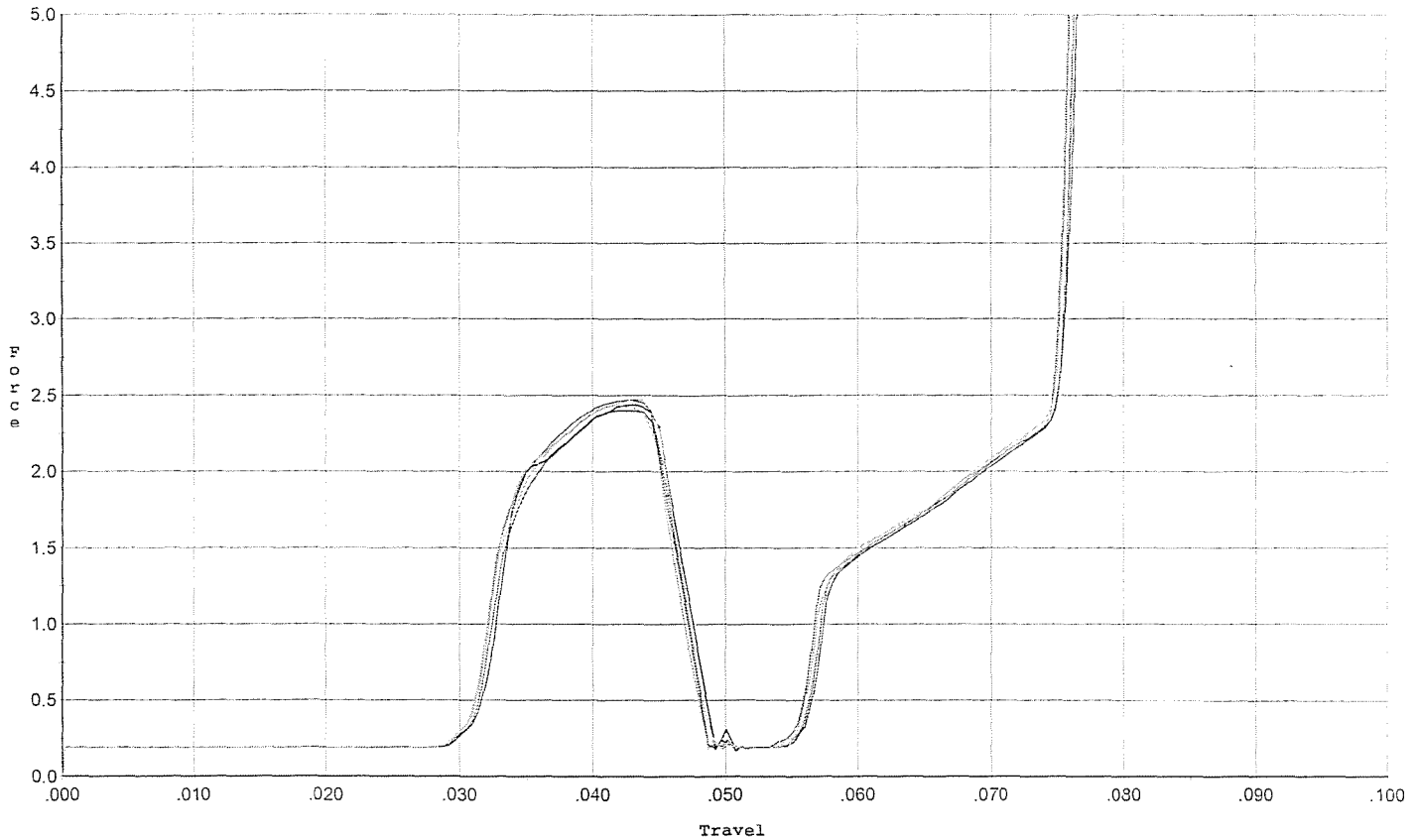
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.684	0.050	0.036	0.036	0.040		Set Trigger
2	2.641	0.050	0.035	0.036	0.039		Set Trigger
3	2.619	0.051	0.036	0.036	0.040		Set Trigger
4	2.601	0.049	0.035	0.036	0.039		Set Trigger
5	2.612	0.049	0.035	0.036	0.039		Set Trigger

Avg 2.63

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/4/07

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	2.401	0.046	0.031	0.035	0.036		Set Trigger
2	2.438	0.045	0.031	0.035	0.035		Set Trigger
3	2.470	0.046	0.031	0.034	0.037		Set Trigger
4	2.474	0.045	0.031	0.035	0.036		Set Trigger
5	2.436	0.045	0.031	0.035	0.035		Set Trigger

AVG 2.44

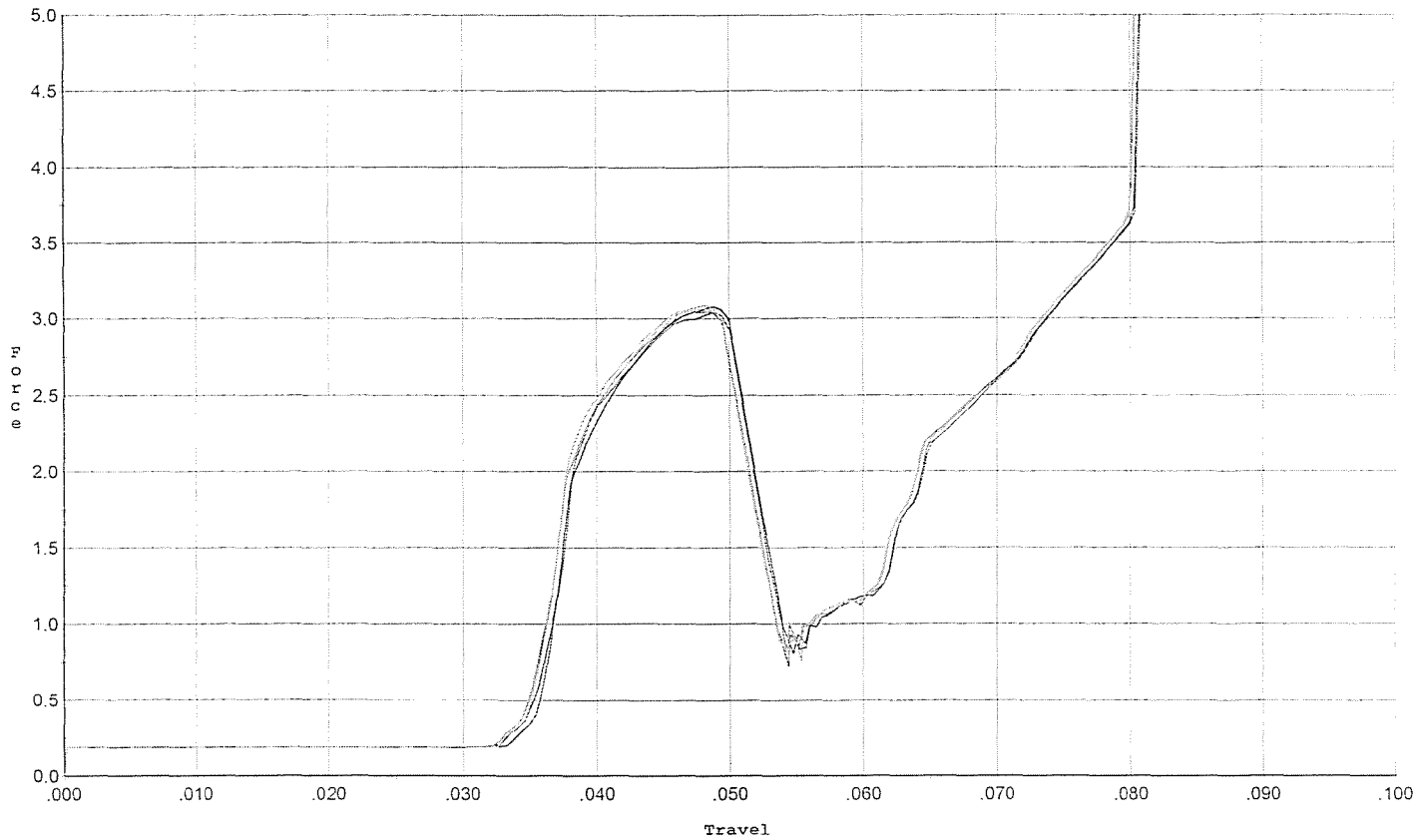
Trigger Profile [lbs,inch]

Profile
GunType:
Make:
Note:

SWS
Rifle
Remington
R. Putch 9/4/07

Model:
Serial No:
Trigger:

M/24
Form #F005
3.0 lbs. ini. +/- .75 lbs.



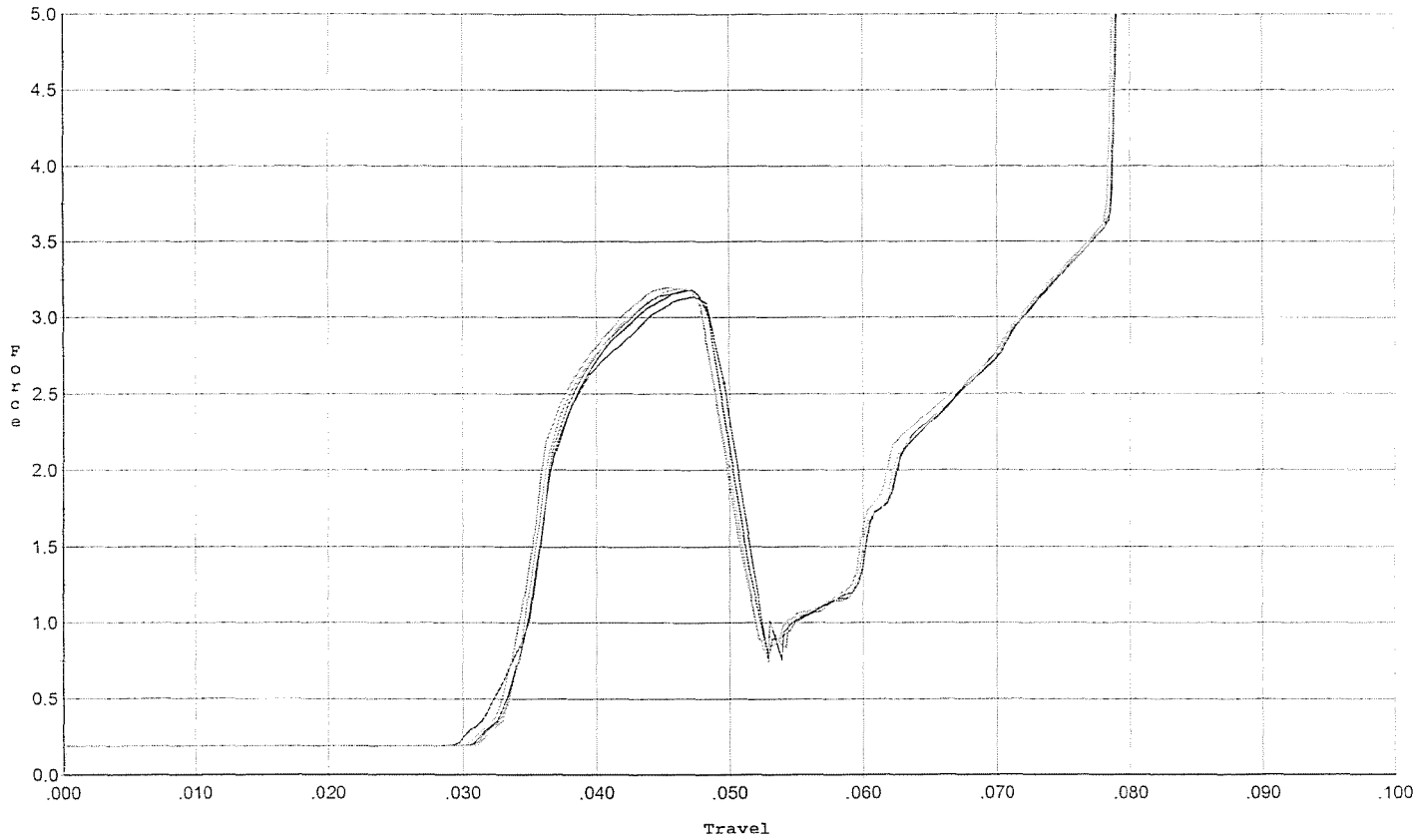
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.040	0.050	0.035	0.035	0.046		Set Trigger
2	3.082	0.050	0.035	0.035	0.046		Set Trigger
3	3.048	0.049	0.034	0.035	0.046		Set Trigger
4	3.090	0.049	0.035	0.035	0.046		Set Trigger
5	3.067	0.051	0.034	0.035	0.048		Set Trigger

Avg 3.06

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/4/07

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	3.134	0.050	0.032	0.034	0.049		Set Trigger
2	3.185	0.048	0.033	0.034	0.047		Set Trigger
3	3.180	0.048	0.033	0.035	0.048		Set Trigger
4	3.191	0.050	0.033	0.034	0.049		Set Trigger
5	3.196	0.048	0.032	0.034	0.048		Set Trigger

AVG 3.17

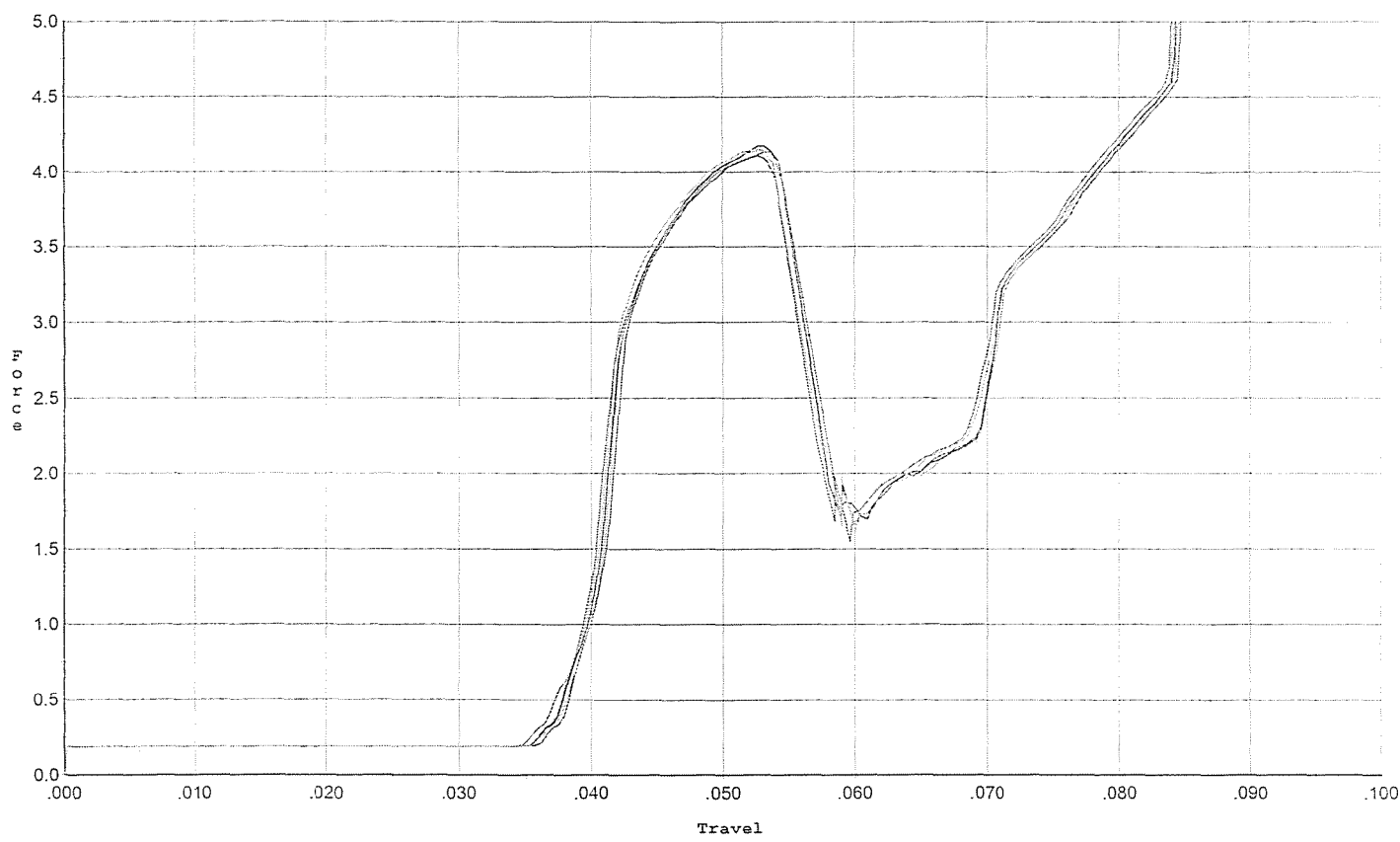
Trigger Profile [lbs,inch]

Profile
GunType:
Make:
Note:

SWS
Rifle
Remington
R. Putch 9/4/07

Model:
Serial No:
Trigger:

M/24
Form #F005
4.0 lbs. ini. +/- 1.0 lbs.



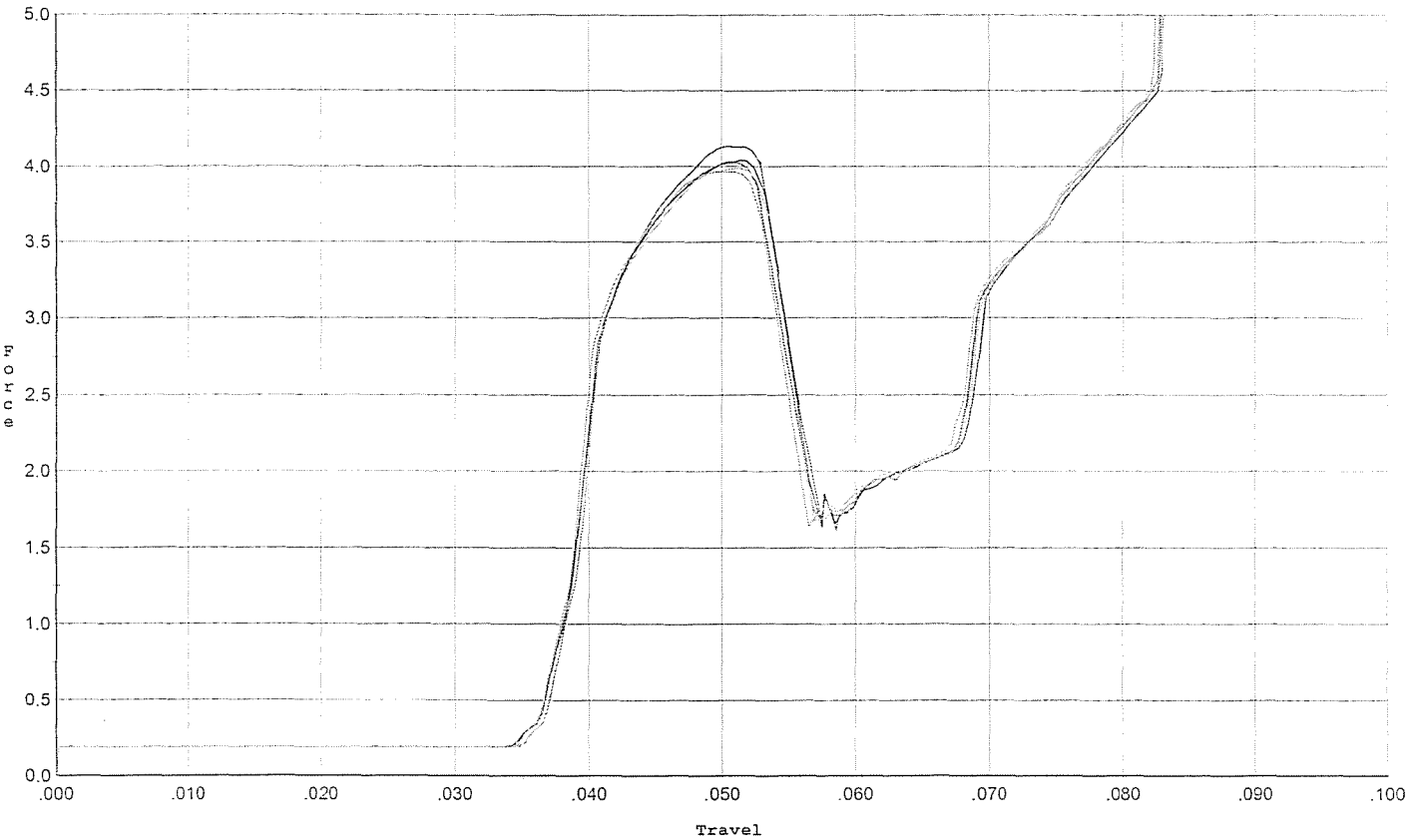
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.136	0.057	0.038	0.033	0.067		Set Trigger
2	4.173	0.054	0.038	0.033	0.065		Set Trigger
3	4.106	0.054	0.037	0.033	0.064		Set Trigger
4	4.153	0.054	0.036	0.034	0.064		Set Trigger
5	4.144	0.054	0.038	0.034	0.065		Set Trigger

AVG 4.14

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/4/07

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	4.130	0.053	0.036	0.033	0.065		Set Trigger
2	4.039	0.053	0.036	0.034	0.064		Set Trigger
3	4.030	0.053	0.035	0.034	0.062		Set Trigger
4	3.986	0.053	0.036	0.034	0.064		Set Trigger
5	3.964	0.053	0.035	0.033	0.063		Set Trigger

Avg 4.03

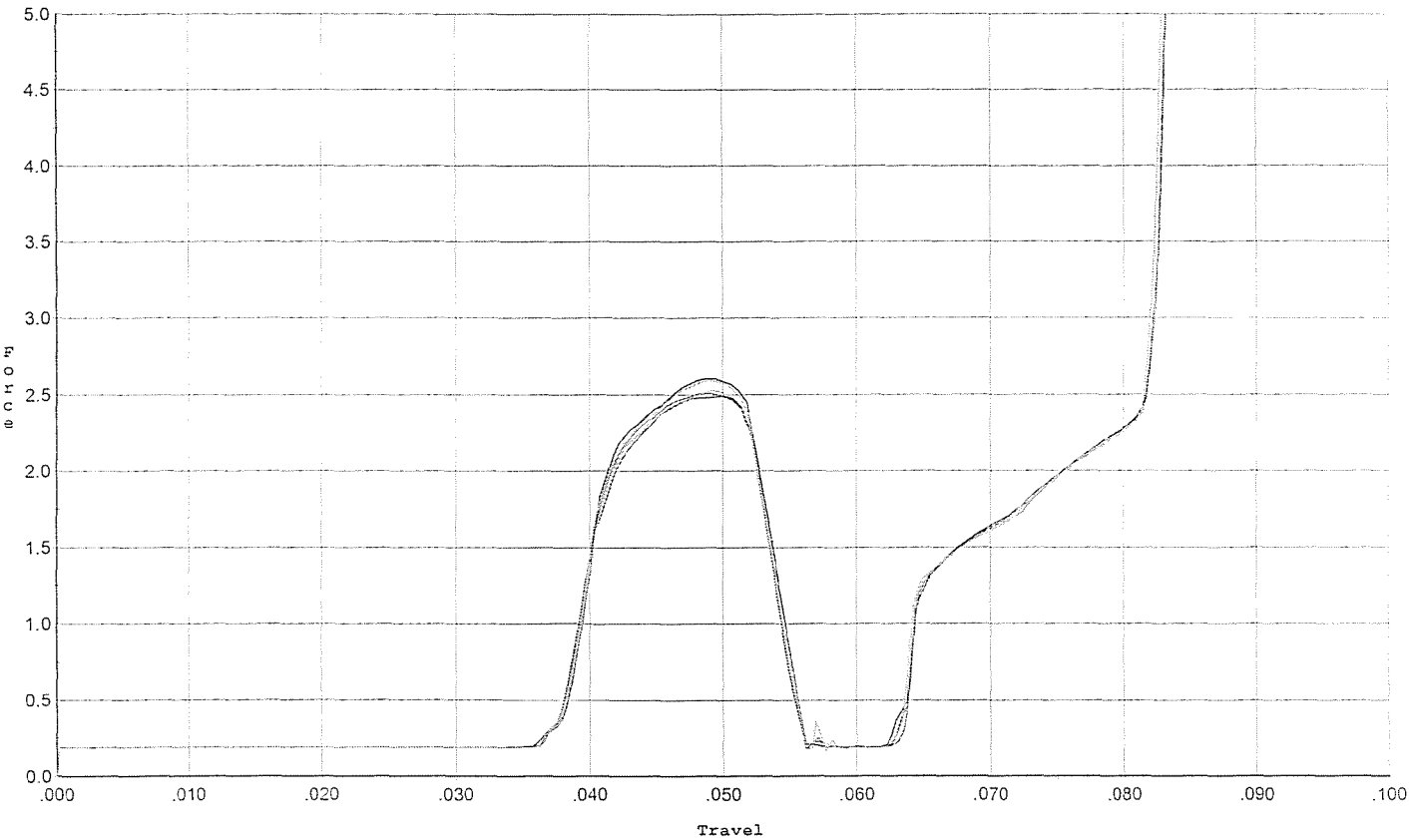
Trigger Profile [lbs,inch]

Profile
GunType:
Make:
Note:

SWS
Rifle
Remington
R. Putch 9/4/07

Model:
Serial No:
Trigger:

M/24
Form #F005
reset to 2.5 lbs. +/- .50 lbs. for final test



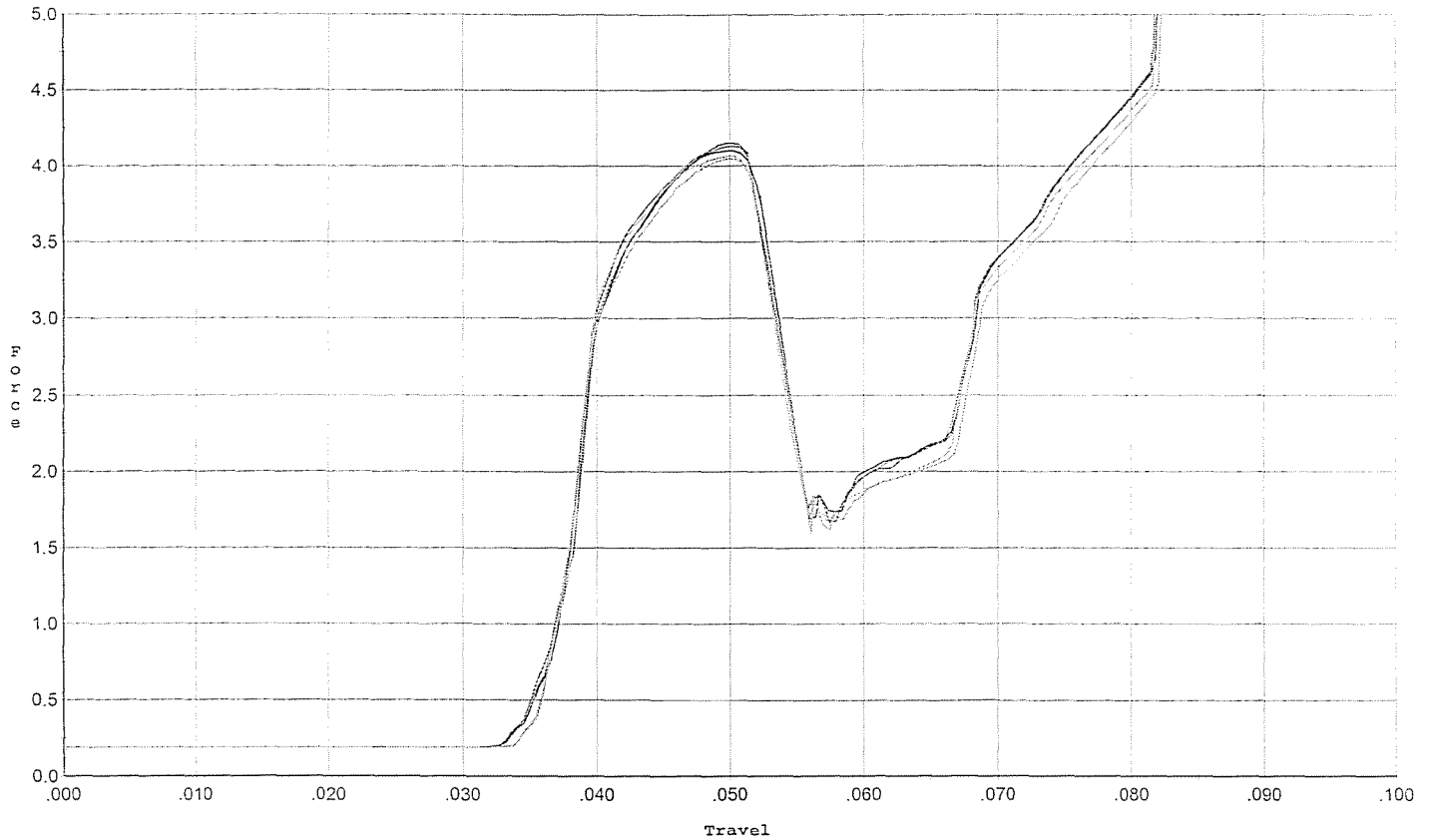
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.489	0.052	0.038	0.037	0.039		Set Trigger
2	2.604	0.054	0.037	0.037	0.041		Set Trigger
3	2.511	0.052	0.038	0.037	0.039		Set Trigger
4	2.591	0.052	0.037	0.037	0.039		Set Trigger
5	2.524	0.054	0.037	0.037	0.040		Set Trigger

AVG 2.54

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/4/07

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	4.150	0.051	0.035	0.034	0.064		Set Trigger
2	4.100	0.052	0.035	0.033	0.065		Set Trigger
3	4.129	0.053	0.035	0.033	0.066		Set Trigger
4	4.065	0.052	0.036	0.034	0.063		Set Trigger
5	4.046	0.053	0.035	0.034	0.065		Set Trigger

AVG 4.09

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6680326.___0

FILE DATE AND TIME: 09/13/2007 06:51

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.063
The Average Y Centroid of the Five Target Set:	0.026
The Average Point of Impact of the Five Target Set:	0.068
The Average Mean Radius of the Five Target Set:	0.772
The Distance from POA to Centroid Target #1:	0.078
The Distance from Centroid Target #2 to Centroid Target #1:	0.046
The Distance from Centroid Target #3 to Centroid Target #1:	0.128
The Distance from Centroid Target #4 to Centroid Target #1:	0.238
The Distance from Centroid Target #5 to Centroid Target #1:	0.123

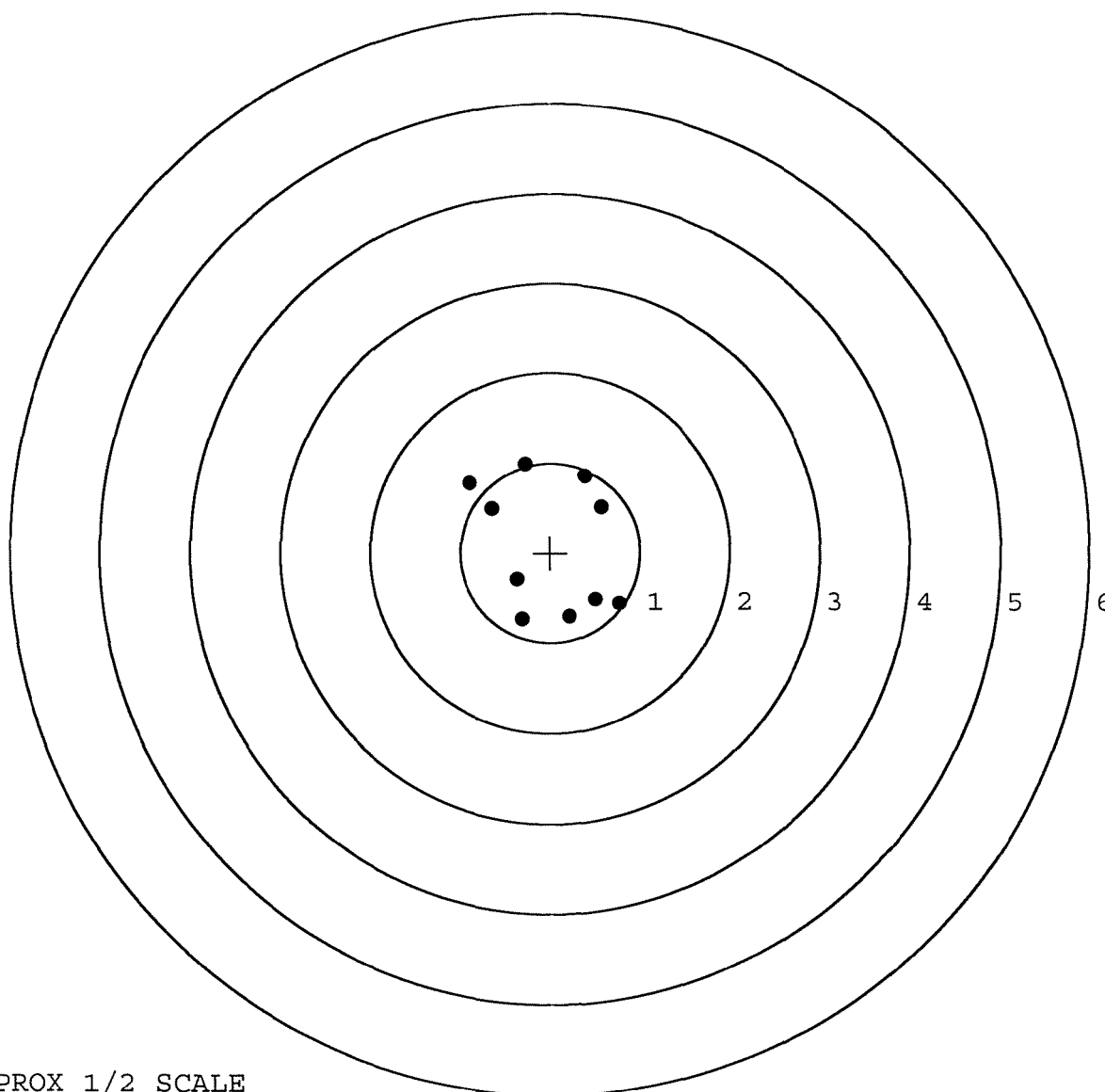
BARBER - M24 0175291

SERIAL NUMBER: G6680326. __0
TARGET NUMBER: 1
FILE DATE: 09/13/2007
FILE TIME: 06:51

X CENTROID: -0.008
Y CENTROID: 0.078
POA TO CENTROID: 0.078
HORZ SPREAD: 1.670
VERT SPREAD: 1.729
GROUP SPREAD: 2.147
MIN RADIUS: 0.523
MAX RADIUS: 1.134
MEAN RADIUS: 0.847

IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.770	-0.572
2:	0.502	-0.526
3:	0.210	-0.718
4:	-0.320	-0.741
5:	-0.371	-0.298
6:	-0.648	0.499
7:	-0.900	0.778
8:	-0.278	0.988
9:	0.388	0.858
10:	0.569	0.510



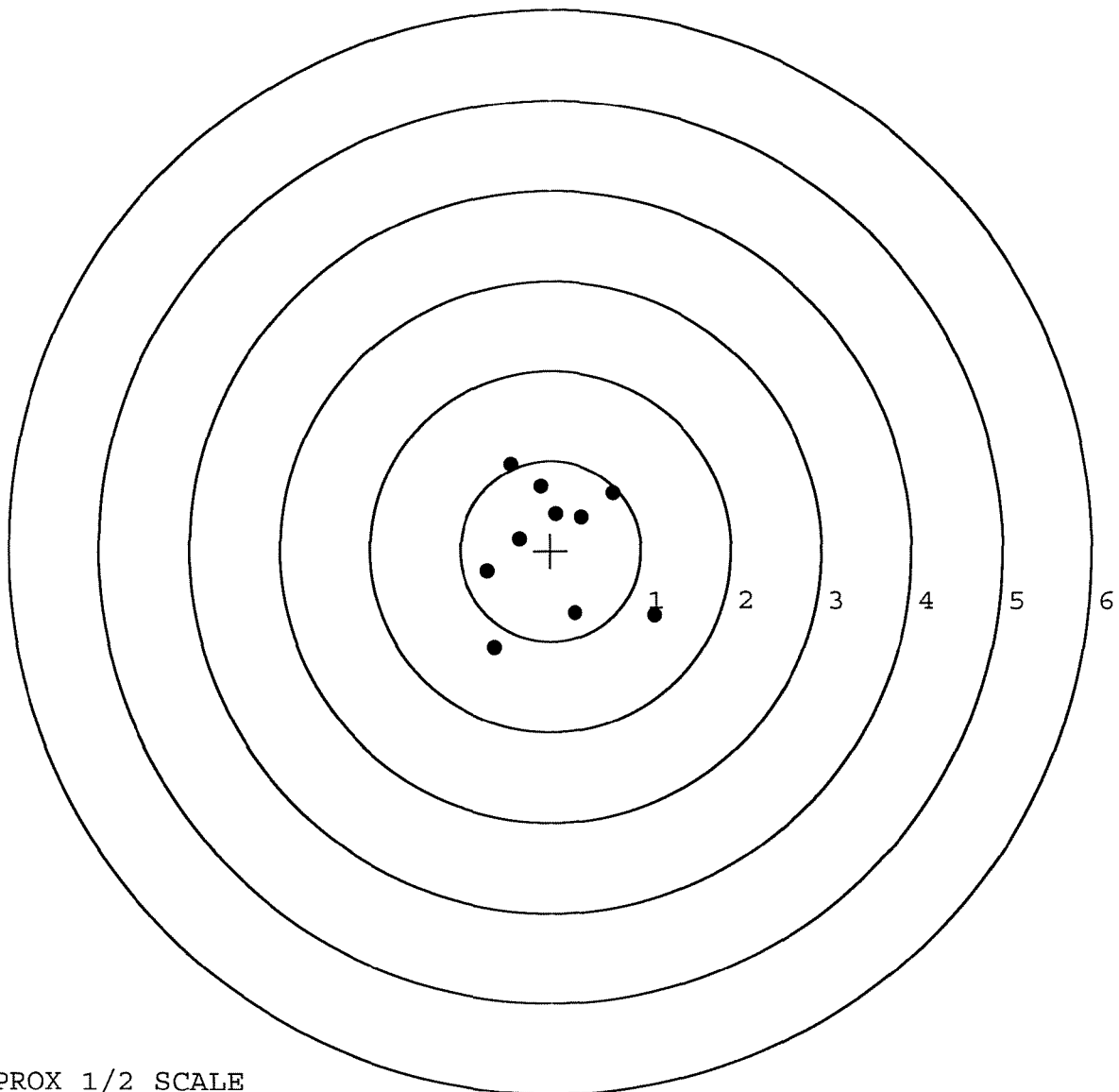
TARGET APPROX 1/2 SCALE

BARBER - M24 0175292

SERIAL NUMBER: G6680326. __0
TARGET NUMBER: 2
FILE DATE: 09/13/2007
FILE TIME: 06:51

POINT#	X	Y
1:	1.153	-0.725
2:	0.268	-0.696
3:	-0.626	-1.070
4:	-0.701	-0.225
5:	-0.350	0.129
6:	0.057	0.406
7:	0.342	0.369
8:	0.697	0.636
9:	-0.111	0.711
10:	-0.435	0.964

X CENTROID: 0.029
Y CENTROID: 0.050
POA TO CENTROID: 0.058
HORZ SPREAD: 1.854
VERT SPREAD: 2.034
GROUP SPREAD: 2.318
MIN RADIUS: 0.357
MAX RADIUS: 1.365
MEAN RADIUS: 0.801
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



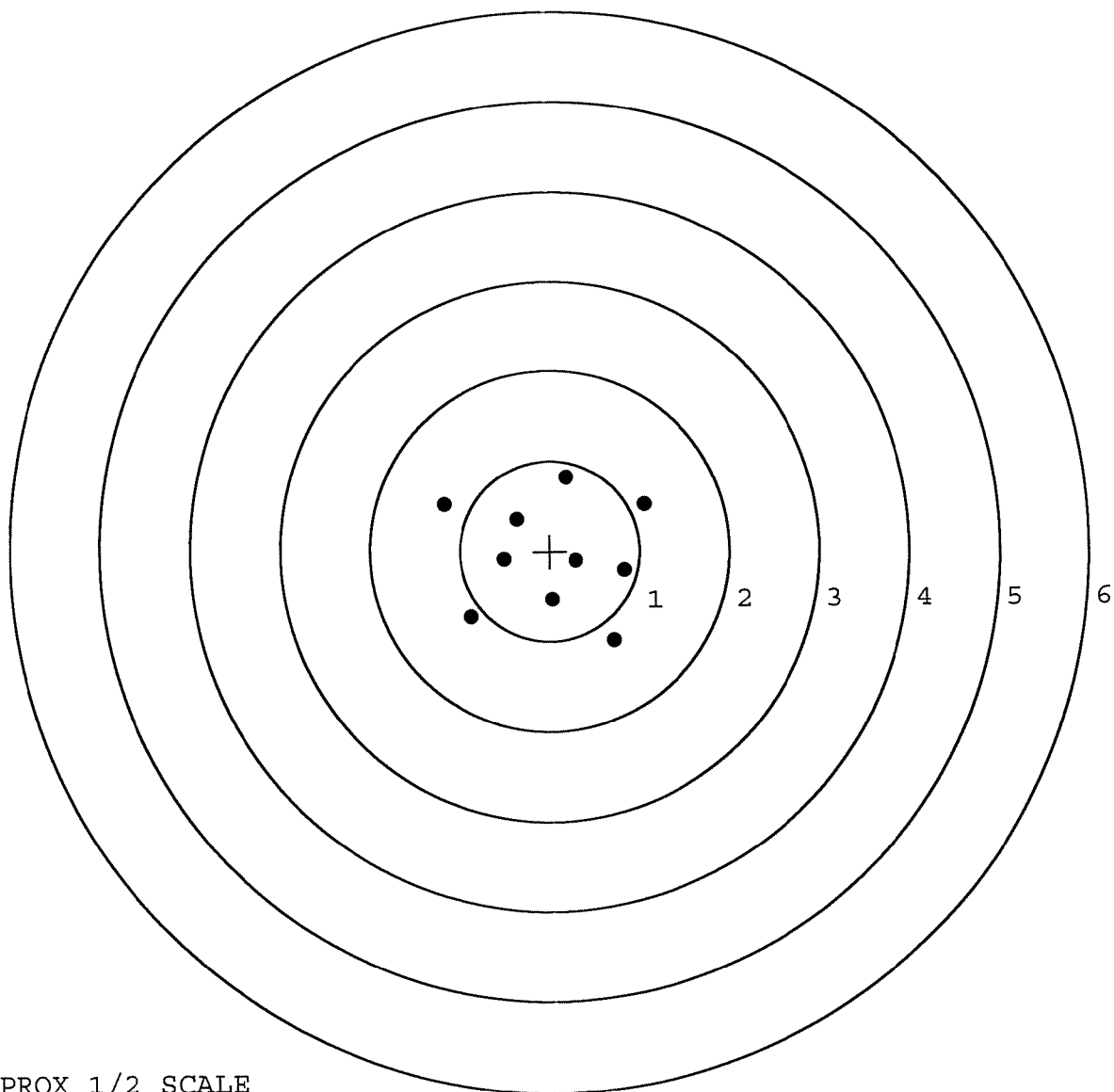
TARGET APPROX 1/2 SCALE

BARBER - M24 0175293

SERIAL NUMBER: G6680326. __0
TARGET NUMBER: 3
FILE DATE: 09/13/2007
FILE TIME: 06:51

X CENTROID: 0.017
Y CENTROID: -0.048
POA TO CENTROID: 0.051
HORZ SPREAD: 2.225
VERT SPREAD: 1.820
GROUP SPREAD: 2.423
MIN RADIUS: 0.279
MAX RADIUS: 1.320
MEAN RADIUS: 0.838
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.707	-1.002
2:	0.833	-0.225
3:	1.056	0.513
4:	0.289	-0.112
5:	0.023	-0.540
6:	-0.507	-0.088
7:	-0.362	0.357
8:	0.189	0.818
9:	-1.169	0.531
10:	-0.886	-0.728



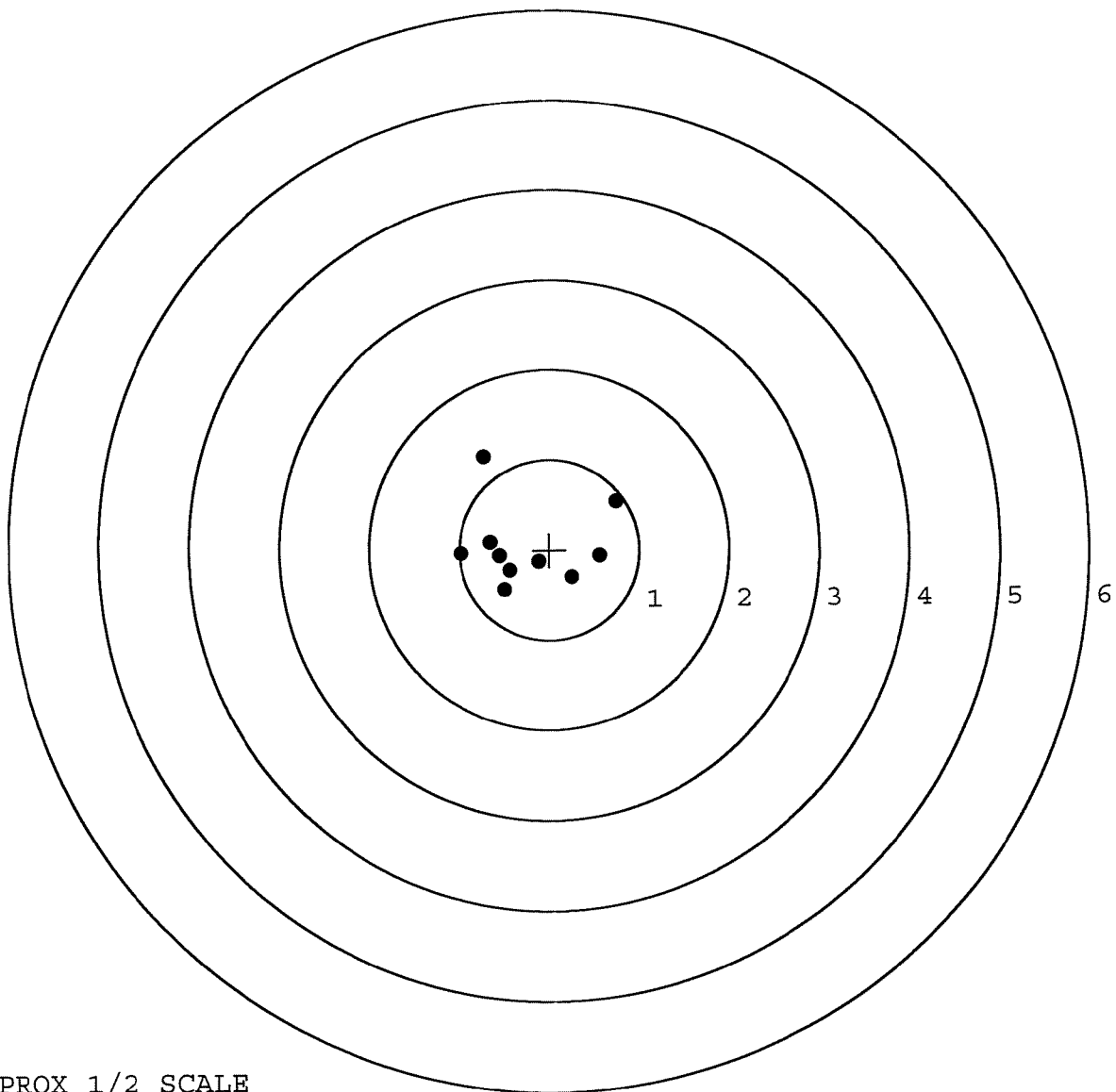
TARGET APPROX 1/2 SCALE

BARBER - M24 0175294

SERIAL NUMBER: G6680326. __0
TARGET NUMBER: 4
FILE DATE: 09/13/2007
FILE TIME: 06:51

X CENTROID: -0.242
Y CENTROID: 0.039
POA TO CENTROID: 0.245
HORZ SPREAD: 1.734
VERT SPREAD: 1.471
GROUP SPREAD: 1.826
MIN RADIUS: 0.206
MAX RADIUS: 1.109
MEAN RADIUS: 0.620
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.718	1.035
2:	0.751	0.533
3:	0.564	-0.071
4:	0.247	-0.305
5:	-0.121	-0.127
6:	-0.502	-0.436
7:	-0.559	-0.062
8:	-0.657	0.088
9:	-0.983	-0.038
10:	-0.445	-0.226



TARGET APPROX 1/2 SCALE

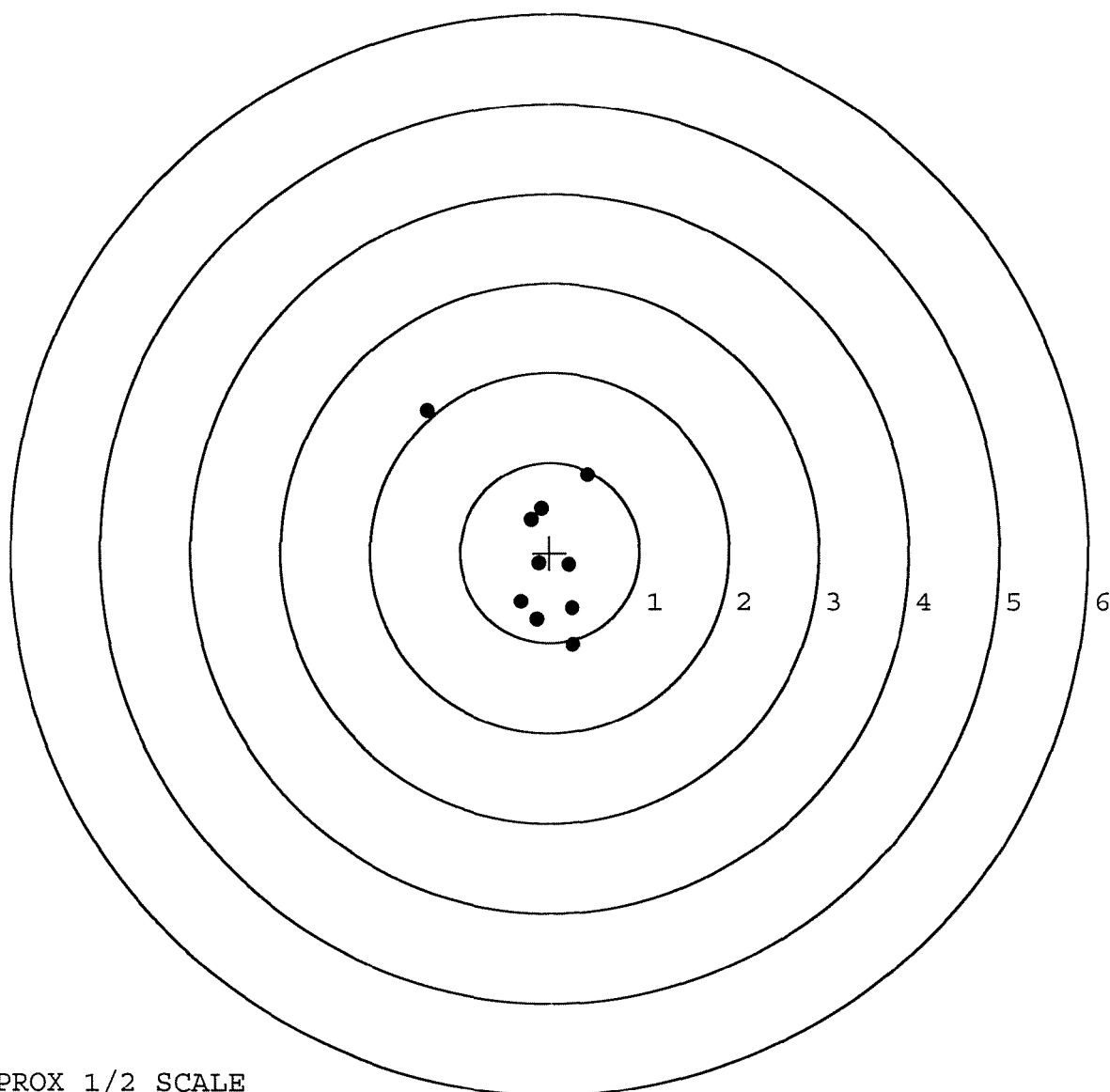
BARBER - M24 0175295

SERIAL NUMBER: G6680326. __0
TARGET NUMBER: 5
FILE DATE: 09/13/2007
FILE TIME: 06:51

X CENTROID: -0.111
Y CENTROID: 0.011
POA TO CENTROID: 0.112
HORZ SPREAD: 1.789
VERT SPREAD: 2.603
GROUP SPREAD: 3.066
MIN RADIUS: 0.125
MAX RADIUS: 2.004
MEAN RADIUS: 0.752

POINT#	X	Y
1:	-1.362	1.576
2:	0.427	0.862
3:	-0.096	0.490
4:	-0.211	0.368
5:	0.214	-0.139
6:	-0.120	-0.114
7:	0.251	-0.625
8:	0.259	-1.027
9:	-0.149	-0.740
10:	-0.323	-0.542

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE