

BARBER - M24 0170711

G 6645281

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0170711 M2400170750

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



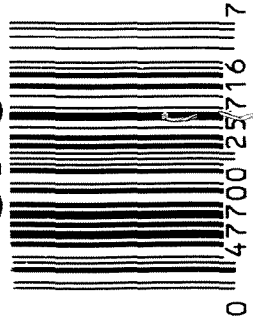
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6645281

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.



BARBER - M24 0170714 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6645281

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		7-23-07	R.P.D.
420	ASSEMBLE ACTION		7-16-07	SD
430	ASSEMBLE TO STOCK		7-17-07	mm
440	PROOF		7-17-07	mm
460	CHECK HEADSPACE		7-17-07	mm
470	DIS-ASSEMBLE ACTION		7-20-07	SD
480	MAGNAFLUX BBL ACTION	MAGNA FLUX JUL 27 2007 OPERATOR <u>cmml</u>	7/24/07	cmml
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		7-24-07	CW
510	DRILL AND TAP SIGHT HOLES		7-23-07	SD
520	GOFF BLAST BBL / REC		7-24-07	LY
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		7/27/07	RB
560	RE-ASSEMBLE ACTION		8/2/07	RP
	A) CLEAN INSIDE CF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8/2/07	RP
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8/2/07	RP
	D) OIL FIRING PIN ASSEMBLY		8/6/07	R.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

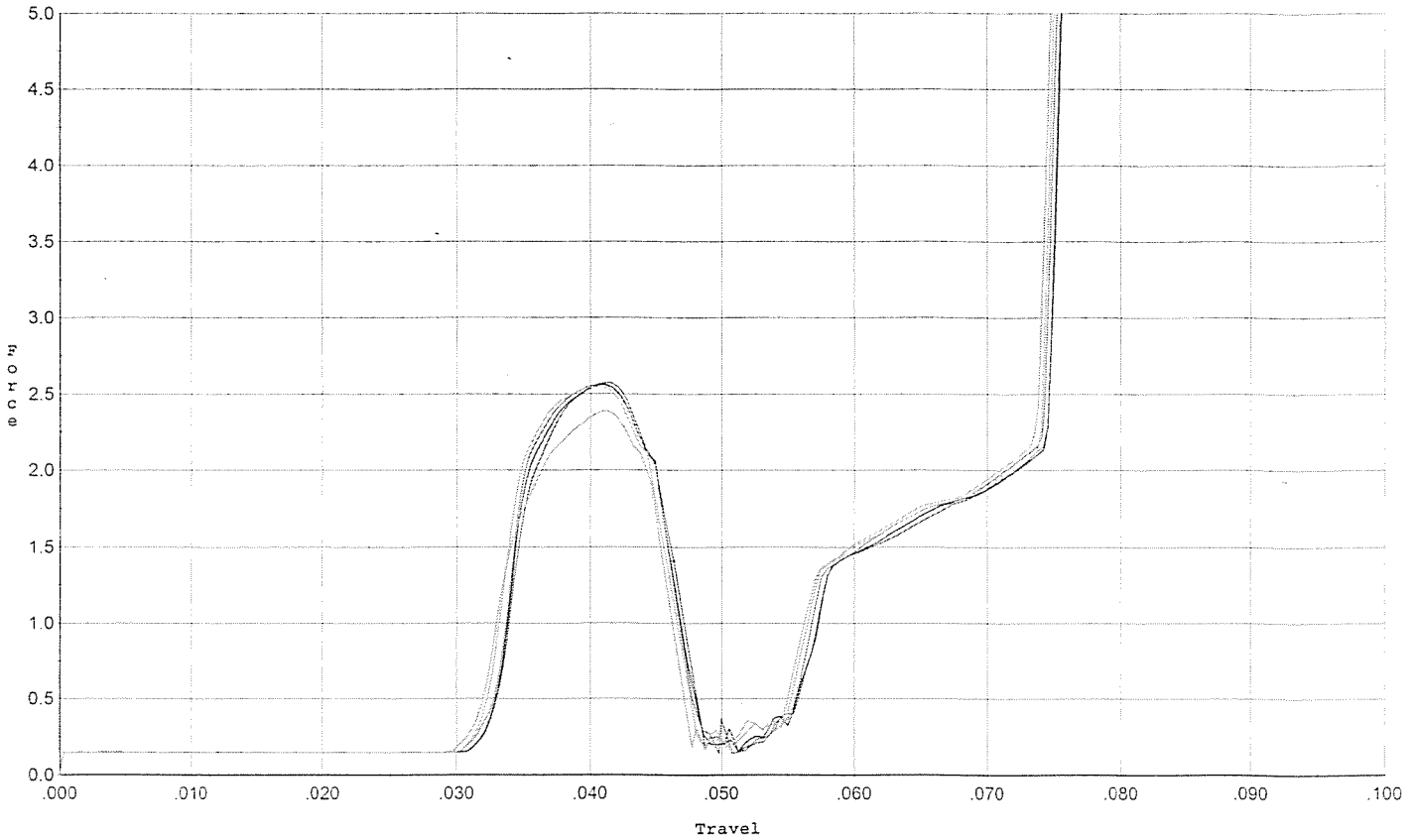
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	BARBER - M24 0170715 F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.5</u> <u>5.0</u> <u>4.5</u>	8/10/07	non
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.0</u> <u>03.75</u> <u>4.25</u>	8/10/07	non
	H) TRIGGER PULL TEST AND RETAINABILITY		8/10/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.023</u> <u>.022</u>	8/10/07	non
	J) ASSEMBLE STOCK		8/16/07	L.P.D.
	K) ASSEMBLE SWIVEL STUDS		8/10/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			
	M) IRON SIGHT ALIGNMENT			
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	8/8/07	non
	MALFUNCTION <u>014</u>	CORRECTION <u>OK</u>	8/9/07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		8-8-07	SD
670	FINAL INSPECTION A) HEADSPACE		8/10/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.64</u> <u>2.68</u> <u>2.69</u> <u>2.33</u> <u>2.54</u>	8/10/07	non
	C) FUNCTION		8/10/07	non
690	PACK		8-20-07	DA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 7/12/07

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	2.572	0.046	0.032	0.035	0.033		Set Trigger
2	2.562	0.045	0.032	0.035	0.032		Set Trigger
3	2.558	0.045	0.032	0.034	0.033		Set Trigger
4	2.549	0.046	0.032	0.034	0.034		Set Trigger
5	2.385	0.045	0.031	0.034	0.031		Set Trigger

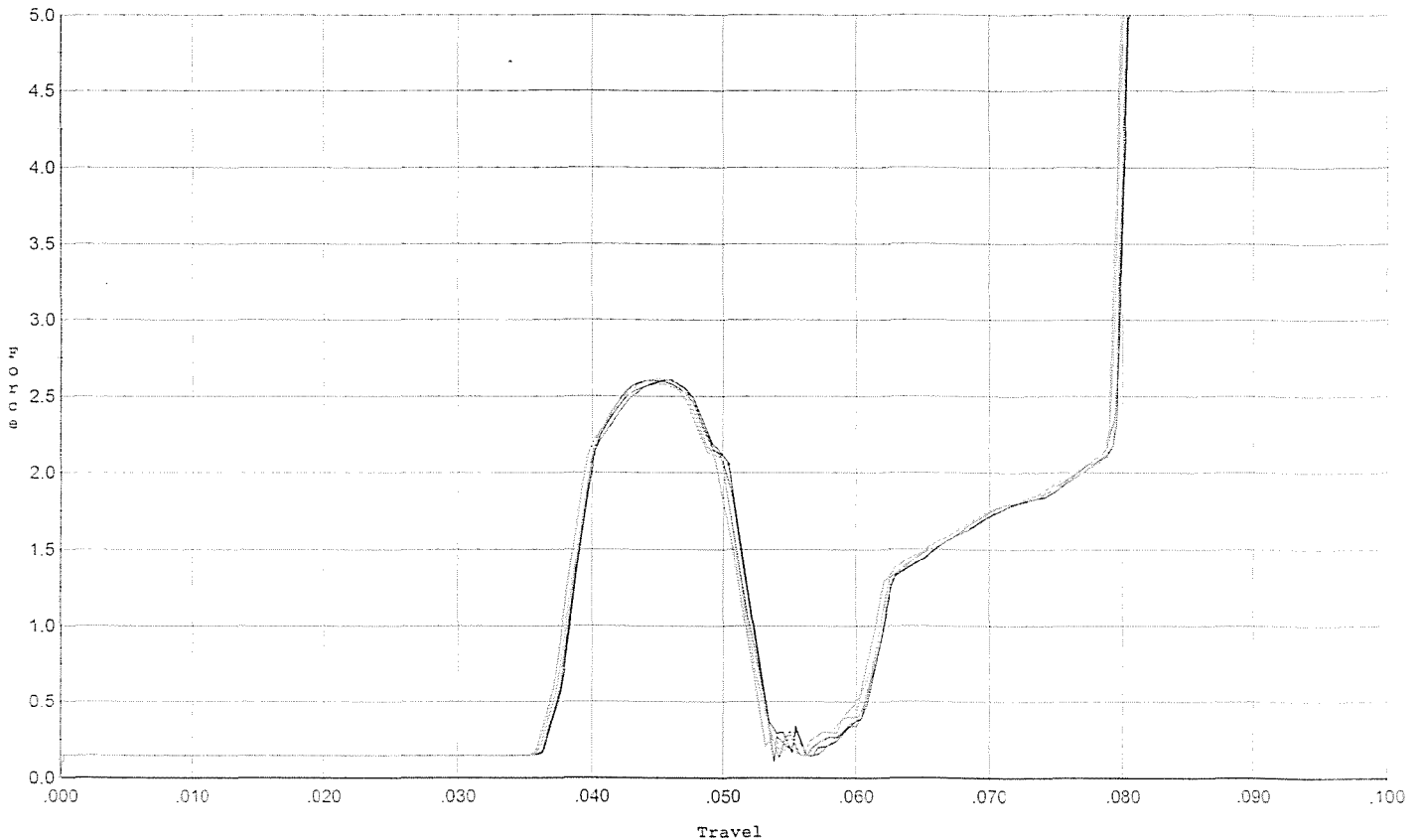
Avg 2.52

BARBER - M24 0170717

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 7/12/07

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



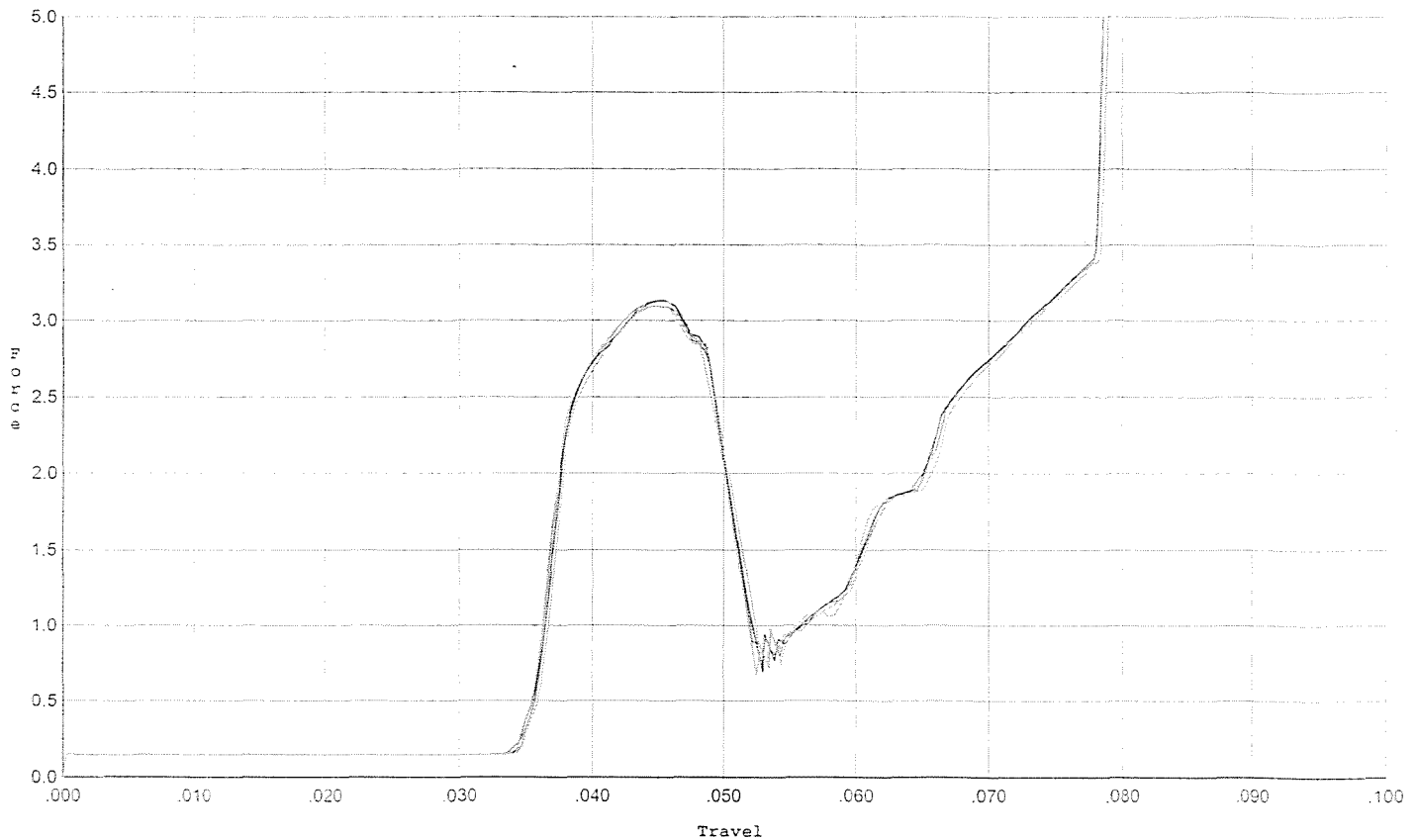
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.604	0.051	0.037	0.036	0.036		Set Trigger
2	2.604	0.050	0.037	0.036	0.036		Set Trigger
3	2.609	0.050	0.037	0.037	0.035		Set Trigger
4	2.618	0.050	0.036	0.036	0.035		Set Trigger
5	2.580	0.051	0.036	0.036	0.036		Set Trigger

AVG 2.60

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 7/12/07

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



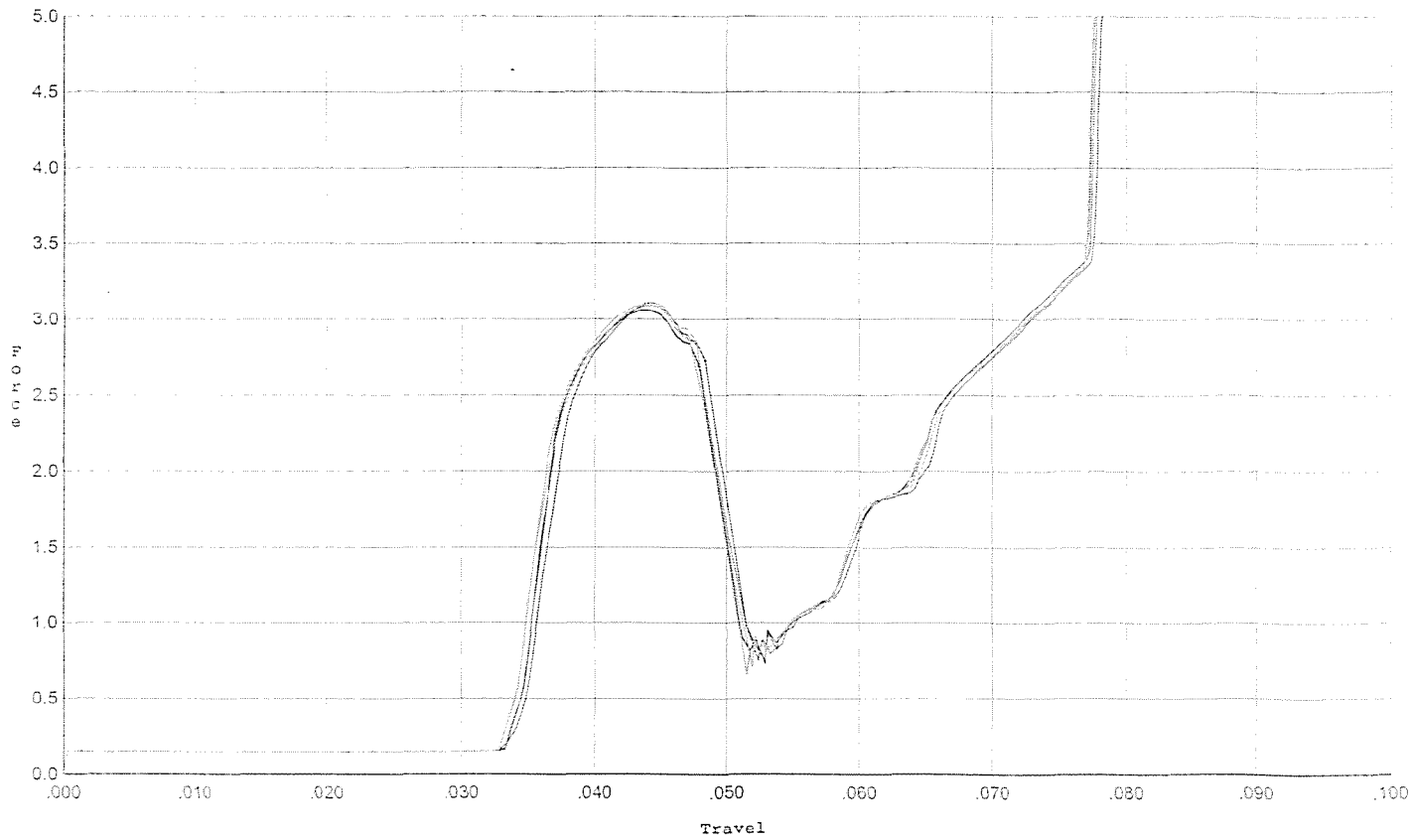
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.136	0.049	0.035	0.035	0.043		Set Trigger
2	3.138	0.049	0.035	0.035	0.043		Set Trigger
3	3.096	0.049	0.035	0.035	0.043		Set Trigger
4	3.104	0.049	0.035	0.035	0.044		Set Trigger
5	3.130	0.051	0.035	0.035	0.044		Set Trigger

Avg 3.12

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 7/12/07

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



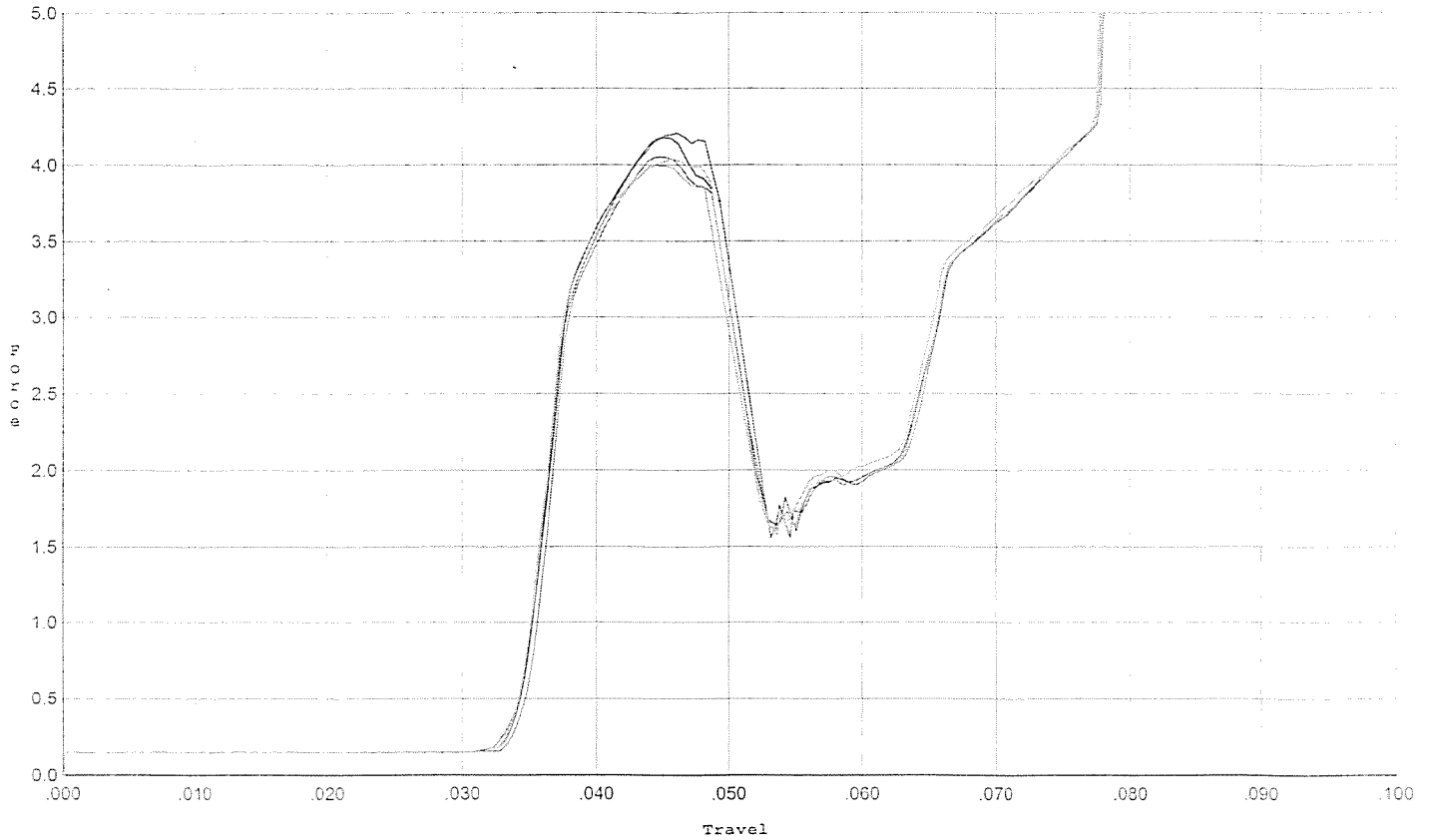
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.109	0.048	0.034	0.035	0.043		Set Trigger
2	3.061	0.048	0.034	0.035	0.042		Set Trigger
3	3.087	0.048	0.034	0.035	0.043		Set Trigger
4	3.101	0.048	0.033	0.034	0.043		Set Trigger
5	3.093	0.048	0.033	0.034	0.044		Set Trigger

Avg 3.09

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 7/12/07

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



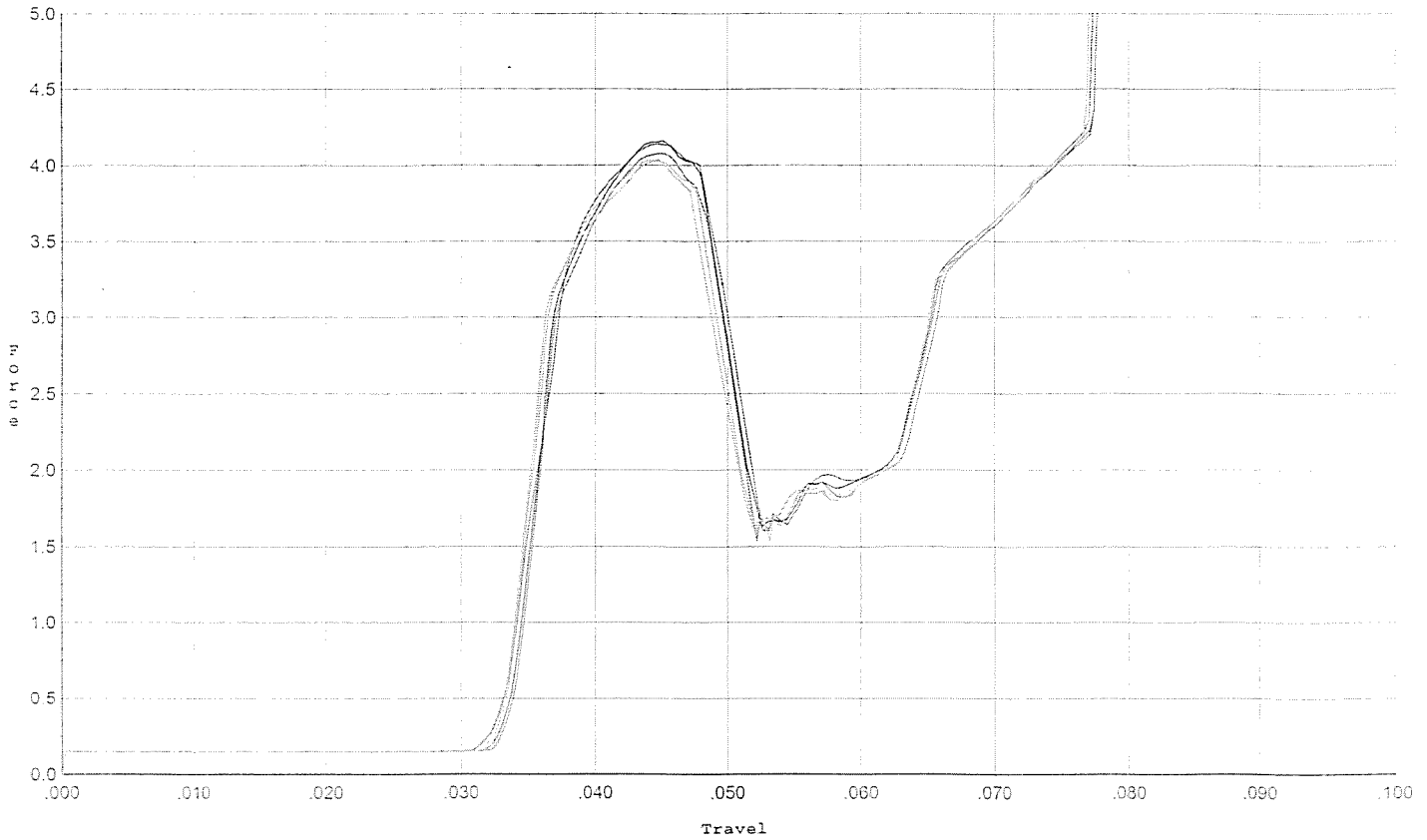
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.209	0.049	0.033	0.032	0.061		Set Trigger
2	4.179	0.049	0.034	0.033	0.058		Set Trigger
3	4.055	0.049	0.034	0.033	0.057		Set Trigger
4	4.037	0.049	0.034	0.033	0.058		Set Trigger
5	3.996	0.048	0.033	0.033	0.056		Set Trigger

Avg 4.09

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 7/12/07

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



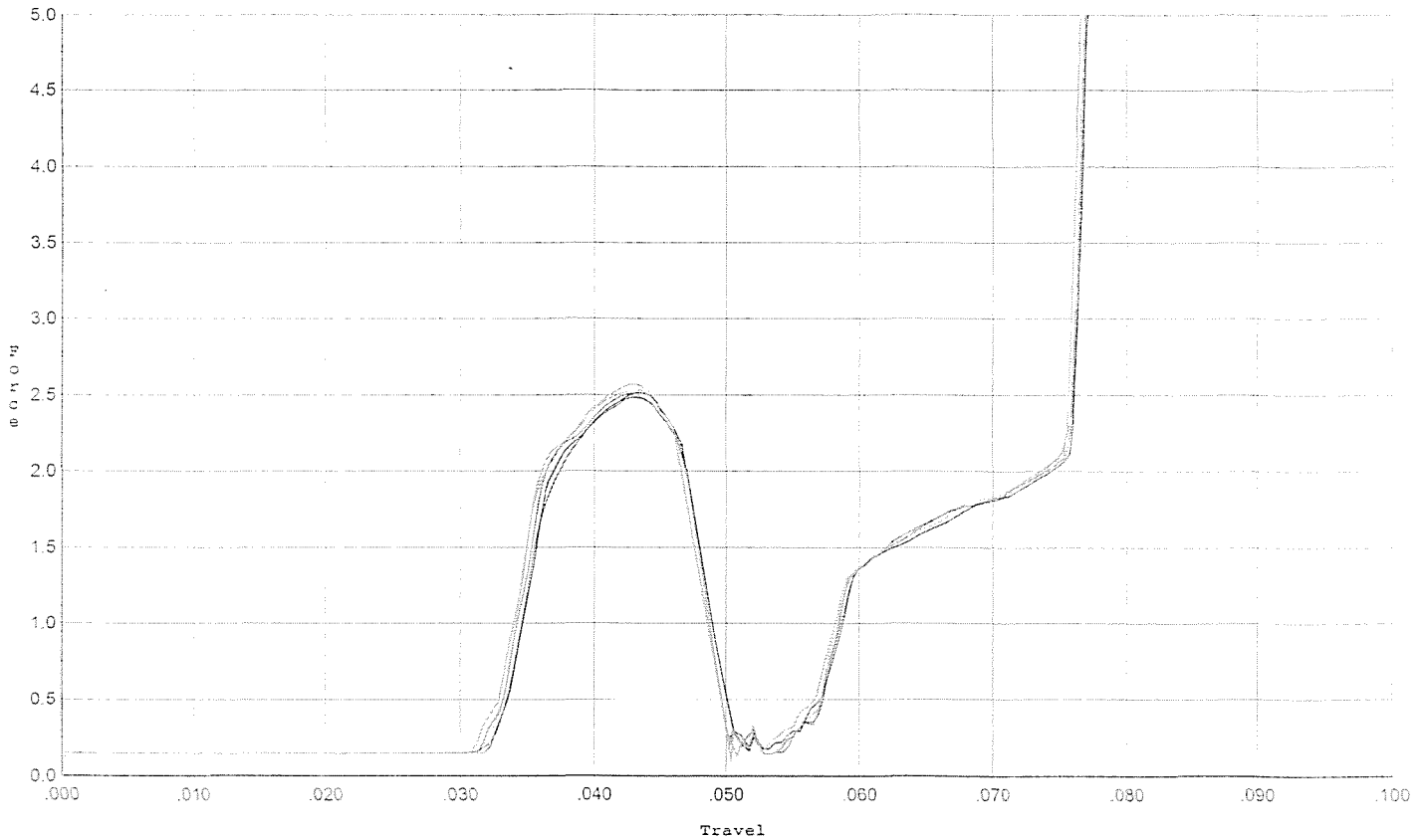
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.140	0.050	0.032	0.032	0.062		Set Trigger
2	4.161	0.048	0.033	0.033	0.059		Set Trigger
3	4.077	0.048	0.033	0.033	0.058		Set Trigger
4	4.037	0.047	0.032	0.033	0.056		Set Trigger
5	4.029	0.048	0.033	0.033	0.058		Set Trigger

Avg 4.08

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 7/12/07

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



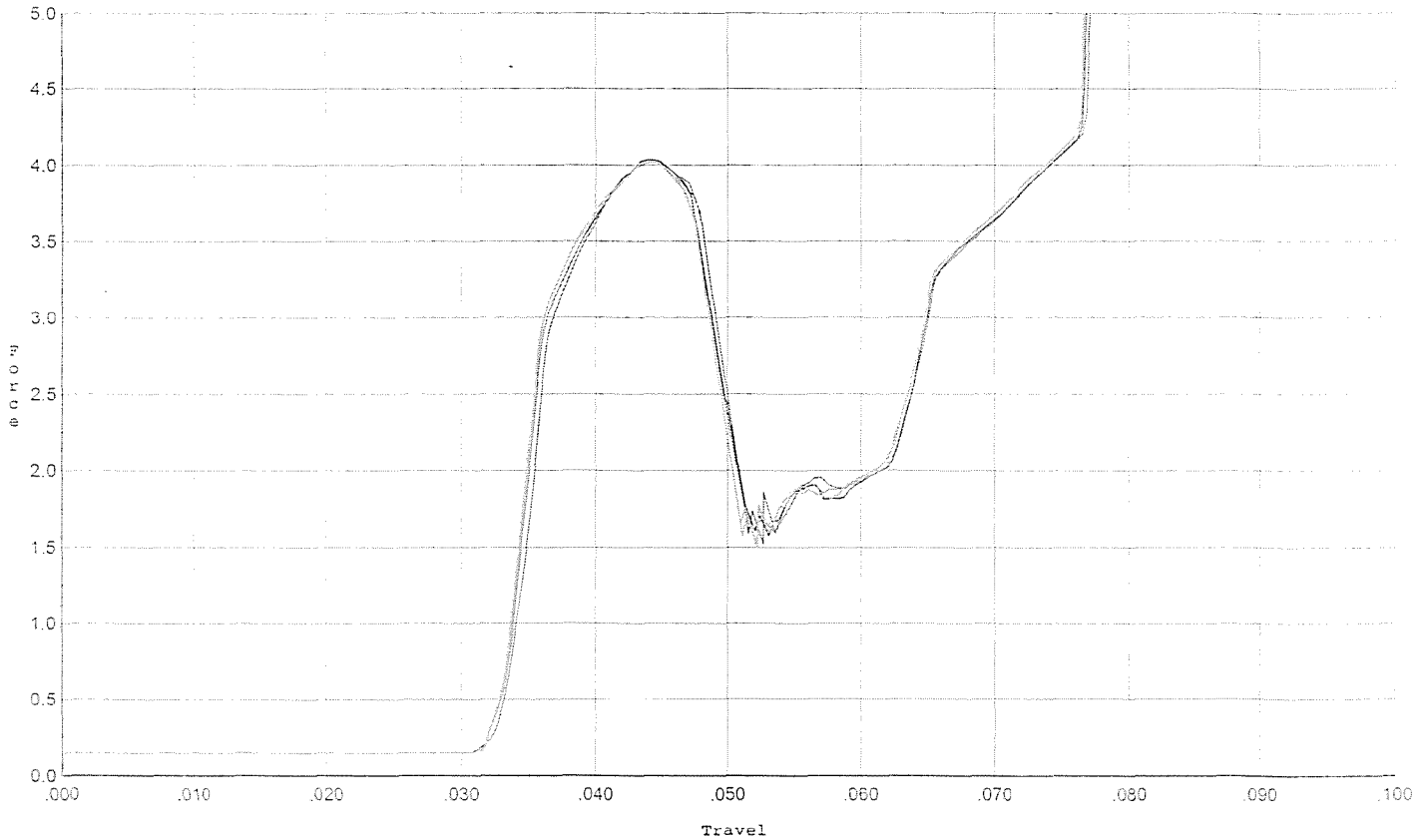
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.486	0.047	0.033	0.035	0.034		Set Trigger
2	2.515	0.047	0.033	0.035	0.034		Set Trigger
3	2.514	0.047	0.032	0.035	0.035		Set Trigger
4	2.570	0.047	0.032	0.035	0.036		Set Trigger
5	2.527	0.046	0.032	0.035	0.035		Set Trigger

Avg 2.52

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 7/12/07

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	4.031	0.048	0.033	0.033	0.057		Set Trigger
2	4.033	0.047	0.032	0.033	0.057		Set Trigger
3	4.020	0.047	0.032	0.033	0.057		Set Trigger
4	4.020	0.047	0.032	0.033	0.057		Set Trigger
5	4.029	0.047	0.032	0.033	0.057		Set Trigger

Avg 4.02

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6645281.___0
FILE DATE AND TIME: 08/09/2007 00:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.020
The Average Y Centroid of the Five Target Set:	0.157
The Average Point of Impact of the Five Target Set:	0.159
The Average Mean Radius of the Five Target Set:	0.714
The Distance from POA to Centroid Target #1:	0.186
The Distance from Centroid Target #2 to Centroid Target #1:	0.283
The Distance from Centroid Target #3 to Centroid Target #1:	0.335
The Distance from Centroid Target #4 to Centroid Target #1:	0.266
The Distance from Centroid Target #5 to Centroid Target #1:	0.294

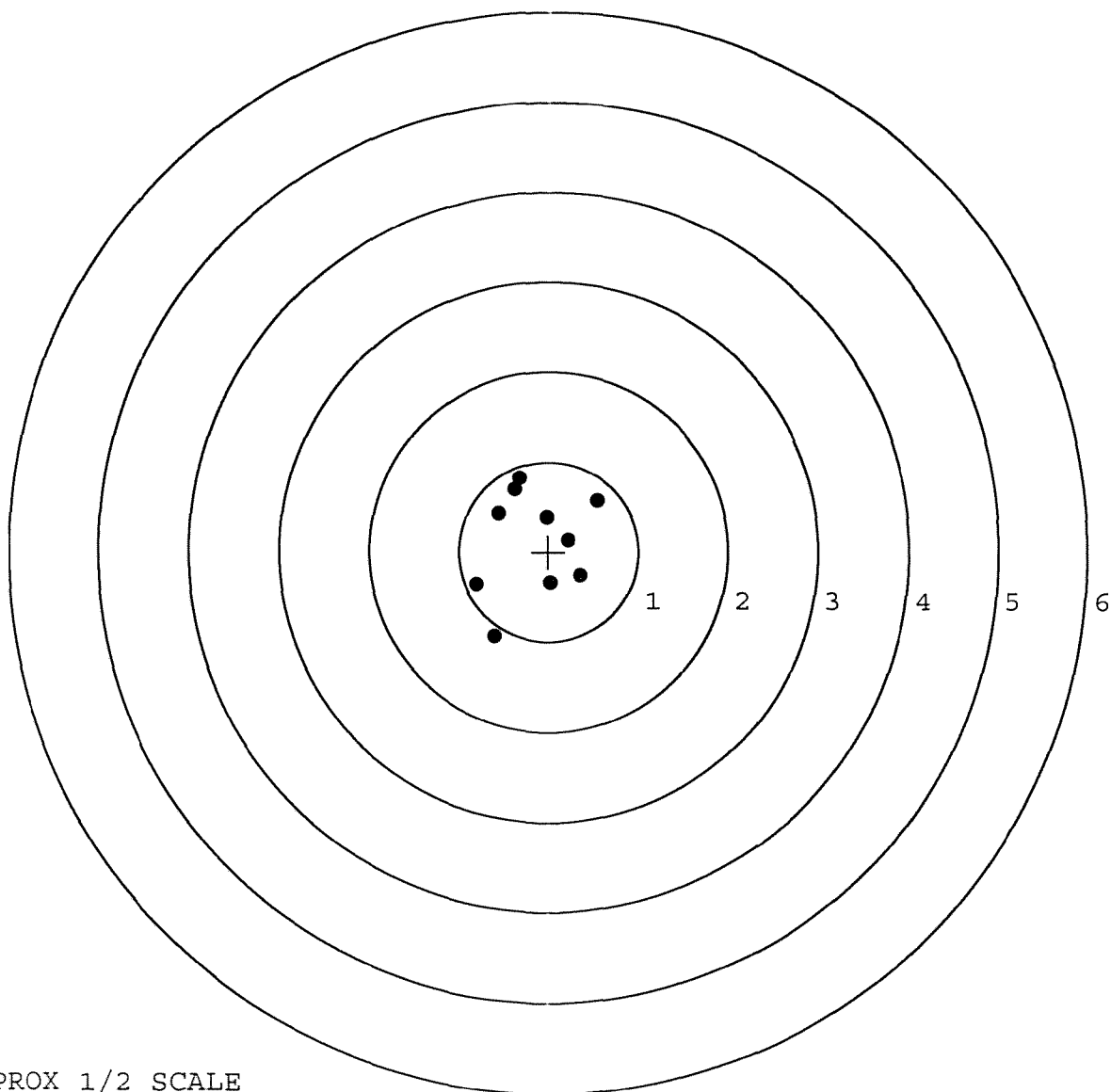
BARBER - M24 0170725

SERIAL NUMBER: G6645281. __0
TARGET NUMBER: 1
FILE DATE: 08/09/2007
FILE TIME: 00:47

POINT#	X	Y
1:	-0.321	0.814
2:	-0.378	0.693
3:	-0.558	0.421
4:	-0.016	0.384
5:	0.226	0.127
6:	0.546	0.566
7:	0.356	-0.273
8:	0.025	-0.352
9:	-0.598	-0.952
10:	-0.806	-0.368

X CENTROID: -0.152
Y CENTROID: 0.106
POA TO CENTROID: 0.186
HORZ SPREAD: 1.352
VERT SPREAD: 1.766
GROUP SPREAD: 1.901
MIN RADIUS: 0.310
MAX RADIUS: 1.148
MEAN RADIUS: 0.648

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

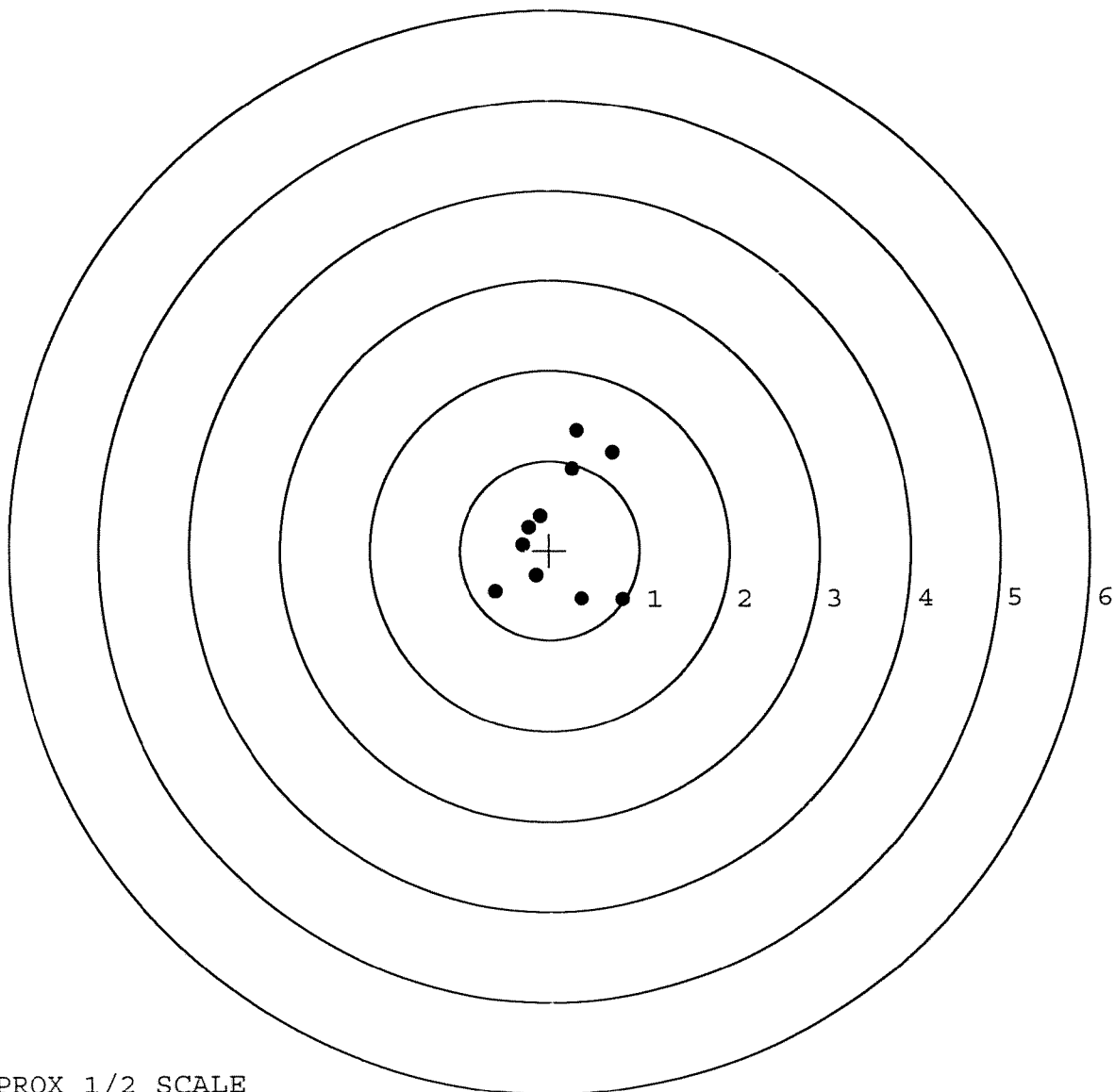
BARBER - M24 0170726

SERIAL NUMBER: G6645281. 0
TARGET NUMBER: 2
FILE DATE: 08/09/2007
FILE TIME: 00:47

X CENTROID: 0.106
Y CENTROID: 0.221
POA TO CENTROID: 0.246
HORZ SPREAD: 1.413
VERT SPREAD: 1.895
GROUP SPREAD: 2.011
MIN RADIUS: 0.266
MAX RADIUS: 1.134
MEAN RADIUS: 0.734

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.310	1.337
2:	0.706	1.093
3:	0.258	0.913
4:	0.809	-0.558
5:	0.360	-0.545
6:	-0.604	-0.454
7:	-0.147	-0.284
8:	-0.298	0.066
9:	-0.230	0.260
10:	-0.103	0.386

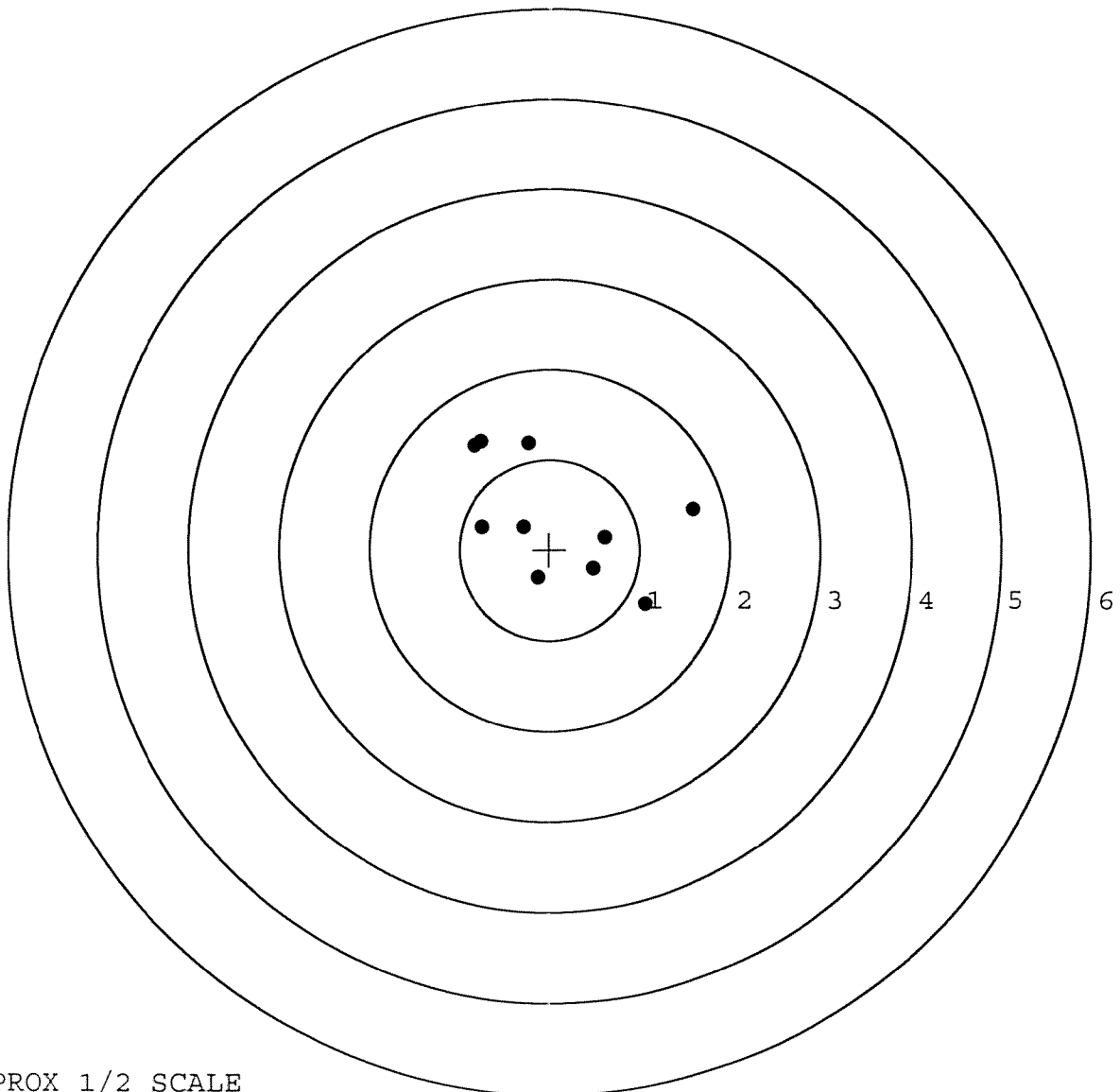


TARGET APPROX 1/2 SCALE

BARBER - M24 0170727

SERIAL NUMBER: G6645281. __0
TARGET NUMBER: 3
FILE DATE: 08/09/2007
FILE TIME: 00:47

	POINT#	X	Y
	1:	-0.761	1.204
	2:	-0.238	1.182
	3:	-0.752	0.252
	4:	-0.288	0.253
X CENTROID:	5:	-0.127	-0.310
Y CENTROID:	6:	0.493	-0.212
POA TO CENTROID:	7:	0.616	0.134
HORZ SPREAD:	8:	1.589	0.444
VERT SPREAD:	9:	1.065	-0.599
GROUP SPREAD:	10:	-0.837	1.159
MIN RADIUS:		0.377	
MAX RADIUS:		1.516	
MEAN RADIUS:		0.937	
# IN 1 IN DIAMETER:		1	
# IN 2 IN DIAMETER:		6	
# in 3 IN DIAMETER:		9	

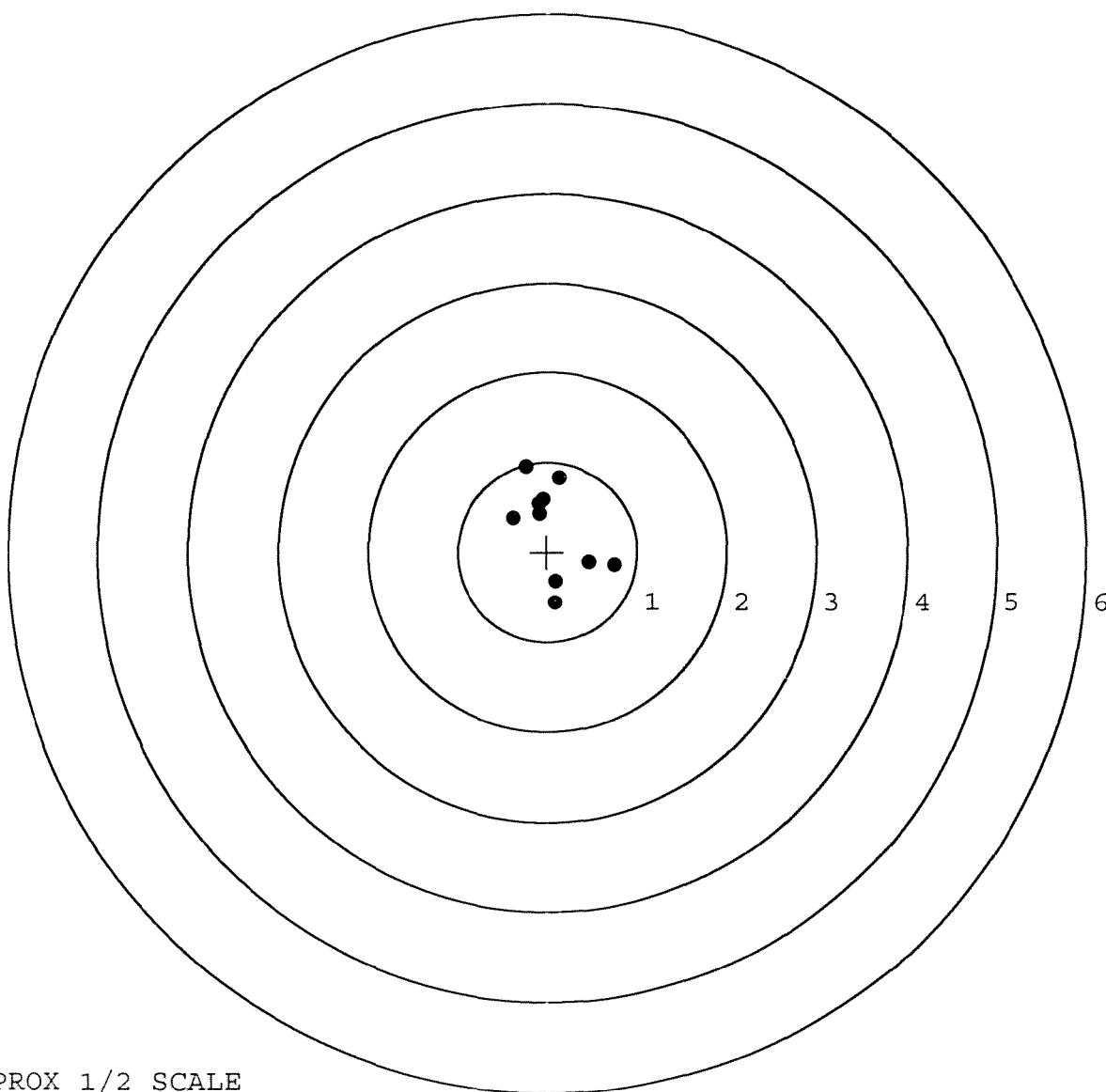


TARGET APPROX 1/2 SCALE

BARBER - M24 0170728

SERIAL NUMBER: G6645281. __0
TARGET NUMBER: 4
FILE DATE: 08/09/2007
FILE TIME: 00:47

	POINT#	X	Y
	1:	-0.236	0.948
	2:	0.135	0.822
	3:	-0.051	0.583
	4:	-0.093	0.422
X CENTROID:	5:	-0.381	0.379
Y CENTROID:	6:	0.099	-0.331
POA TO CENTROID:	7:	0.089	-0.572
HORZ SPREAD:	8:	0.470	-0.112
VERT SPREAD:	9:	0.752	-0.143
GROUP SPREAD:	10:	-0.099	0.539
MIN RADIUS:		0.233	
MAX RADIUS:		0.826	
MEAN RADIUS:		0.546	
# IN 1 IN DIAMETER:		4	
# IN 2 IN DIAMETER:		10	
# in 3 IN DIAMETER:		10	



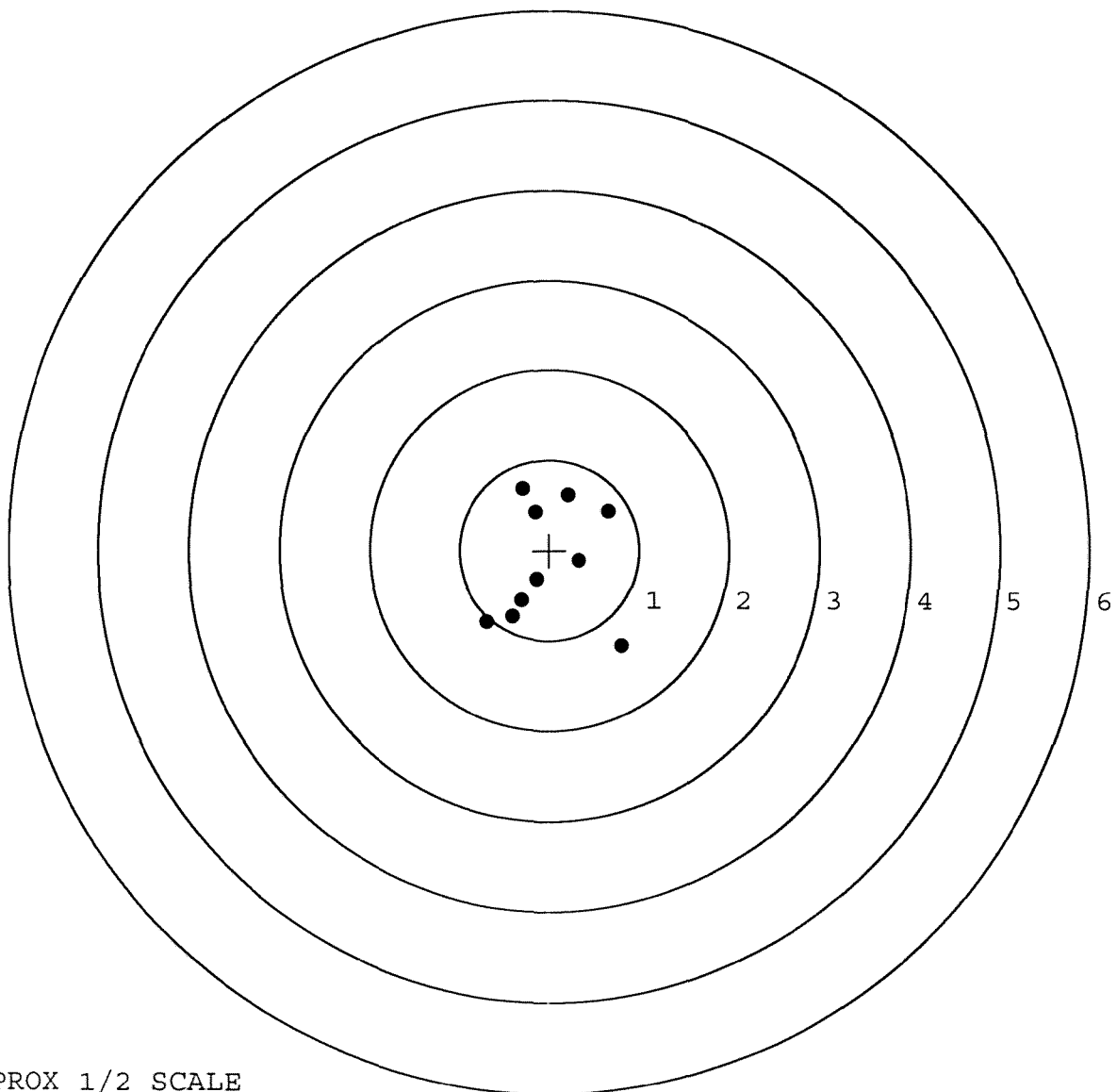
TARGET APPROX 1/2 SCALE

BARBER - M24 0170729

SERIAL NUMBER: G6645281. __0
 TARGET NUMBER: 5
 FILE DATE: 08/09/2007
 FILE TIME: 00:47

POINT#	X	Y
1:	-0.295	0.678
2:	-0.159	0.421
3:	0.208	0.607
4:	0.654	0.432
5:	0.333	-0.116
6:	0.810	-1.062
7:	-0.142	-0.325
8:	-0.304	-0.556
9:	-0.401	-0.734
10:	-0.692	-0.795

X CENTROID: 0.001
 Y CENTROID: -0.145
 POA TO CENTROID: 0.145
 HORZ SPREAD: 1.502
 VERT SPREAD: 1.740
 GROUP SPREAD: 2.061
 MIN RADIUS: 0.230
 MAX RADIUS: 1.223
 MEAN RADIUS: 0.708
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE