

BARBER - M24 0143038

G 663 5174

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0143038 M2400143077

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



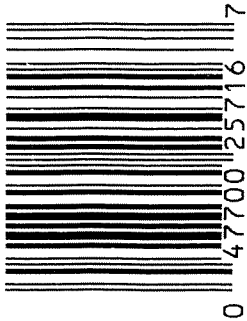
owner registration sticker



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6635174

UPC



BARBER - M24 0143040

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.



CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0143040 M2400143079

M-24
BARBER - M24 0143041 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G663 5174

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		1-26-07	RTZ
420	ASSEMBLE ACTION		1-26-07	RTZ
430	ASSEMBLE TO STOCK		1-29-07	FM
440	PROOF		1-29-07	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	1-29-07	TRW
470	DIS-ASSEMBLE ACTION	JAN 31 2007	1-29-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	1-31-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		1-31-07	CW
510	DRILL AND TAP SIGHT HOLES		1-30-07	FM
520	GOFF BLAST BBL / REC		2-2-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		21307	WJ
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3-5-07	APD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-5-07	non
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-5-07	APD
	D) OIL FIRING PIN ASSEMBLY		3-5-07	non
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		3/9/07	non
F004 REV 5/2006				

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
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BARBER - M24 ~~0143041~~ 0143080

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	BARBER - M24 0143042 F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>8.0</u> <u>8.5</u> <u>8.5</u>	3-8-07	TRW
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>3.0</u> <u>2.75</u>	3-8-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		3-9-07	non
	I) FIRING PIN INDENT .020 MIN	<u>.0235</u> <u>.023</u> <u>.0235</u>	3-8-07	TRW
	J) ASSEMBLE STOCK		3-5-07	non
	K) ASSEMBLE SWIVEL STUDS		3-9/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		3/13/07	non
	M) IRON SIGHT ALIGNMENT		3/13/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		3/13/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	3-6-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		3-6-07	SD
670	FINAL INSPECTION A) HEADSPACE		3-9-07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.38</u> <u>2.07</u> <u>2.63</u> <u>2.31</u> <u>2.39</u>	3-8-07	TRW
	C) FUNCTION		3-9-07	non
690	PACK		3/22/07	PA

F004 REV 5/2006

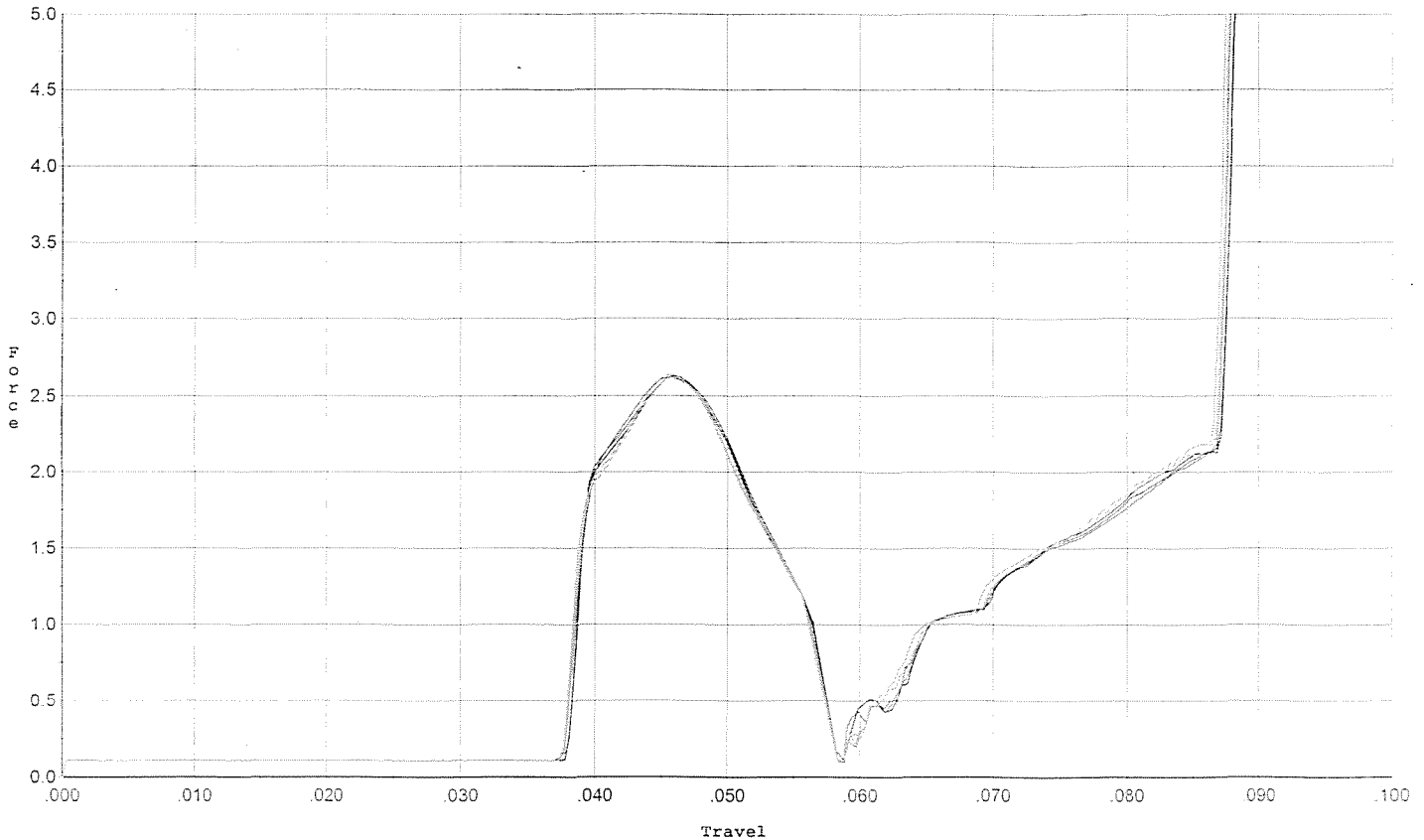
CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0143042 143081

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 2/28/07

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



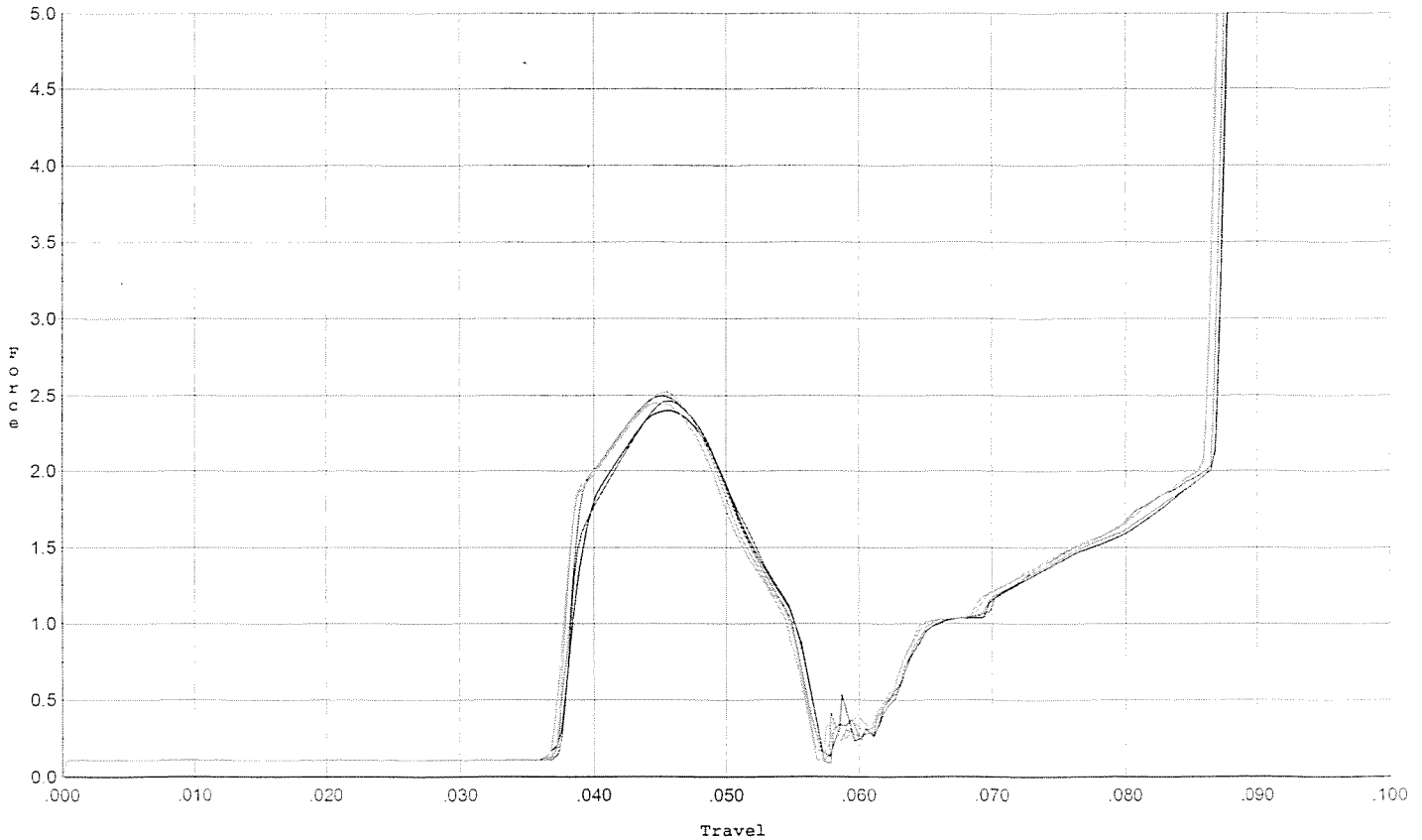
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.626	0.057	0.038	0.039	0.041		Set Trigger
2	2.631	0.056	0.038	0.038	0.041		Set Trigger
3	2.618	0.057	0.038	0.038	0.041		Set Trigger
4	2.620	0.056	0.038	0.038	0.040		Set Trigger
5	2.636	0.057	0.038	0.038	0.041		Set Trigger

Avg 2.62

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 2/28/07

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



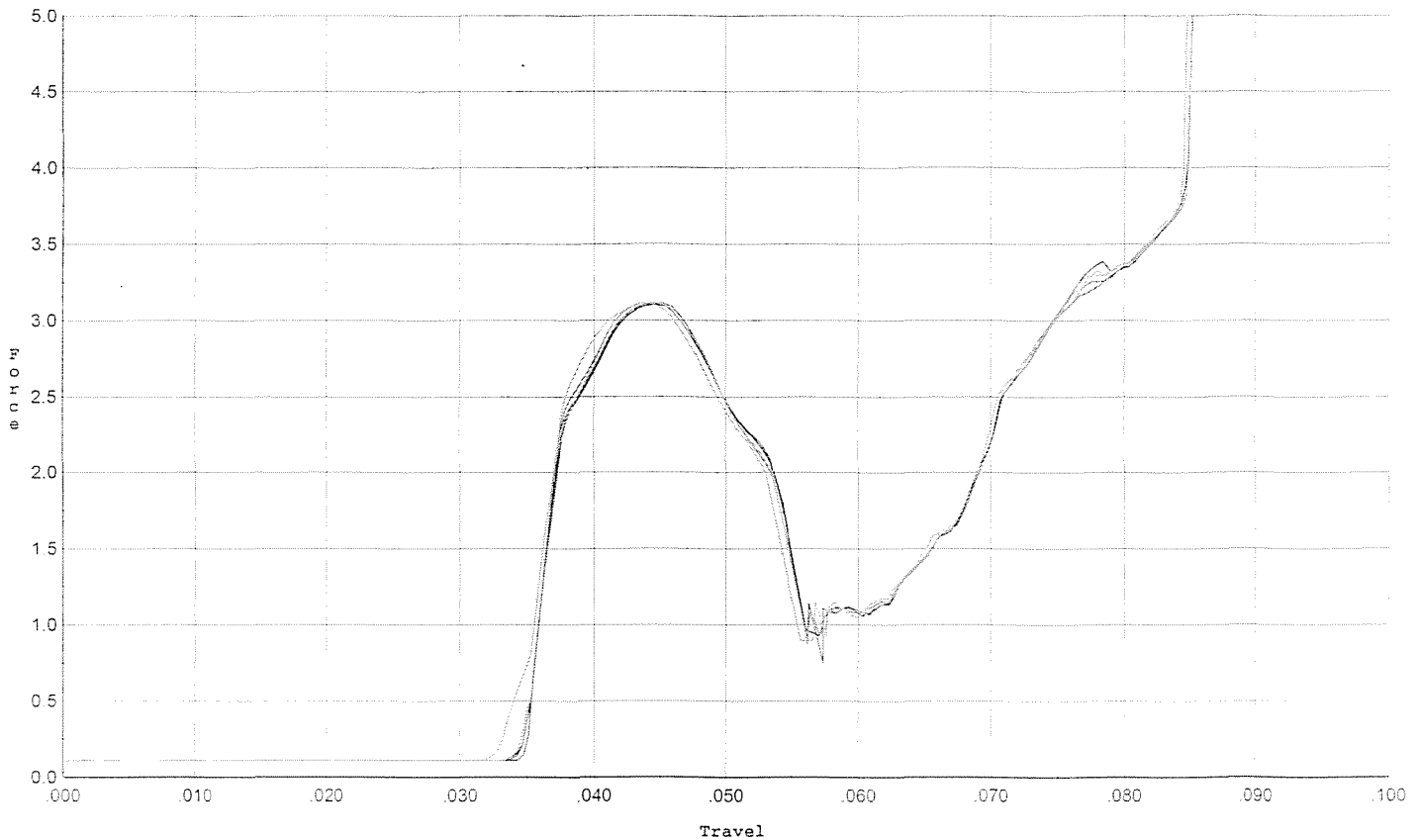
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.464	0.056	0.038	0.039	0.037		Set Trigger
2	2.399	0.056	0.038	0.039	0.037		Set Trigger
3	2.496	0.055	0.037	0.038	0.038		Set Trigger
4	2.451	0.055	0.037	0.038	0.037		Set Trigger
5	2.522	0.055	0.037	0.038	0.038		Set Trigger

AVG 2.46

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/28/07

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



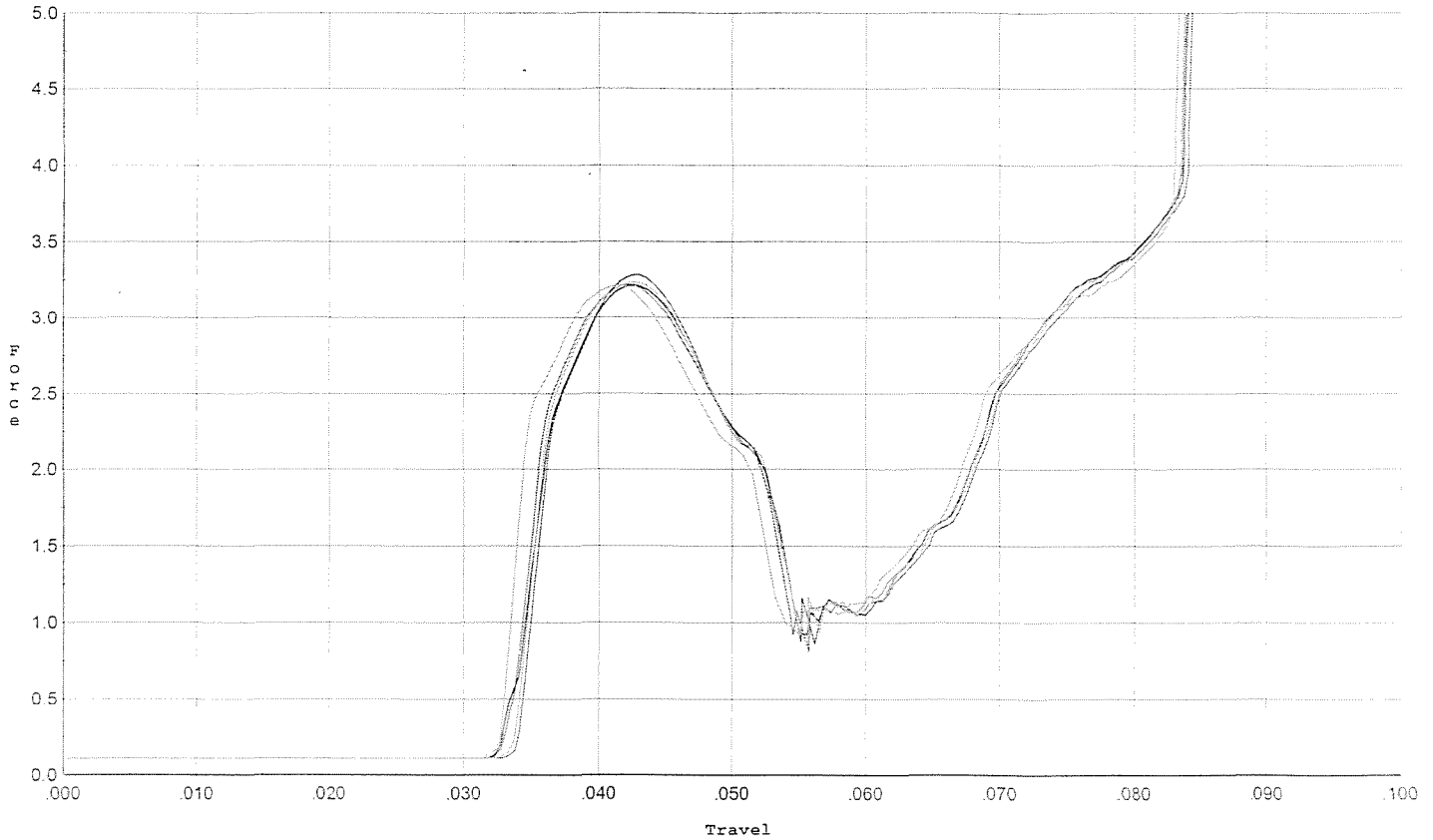
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.119	0.054	0.035	0.036	0.052		Set Trigger
2	3.104	0.054	0.035	0.036	0.052		Set Trigger
3	3.118	0.055	0.035	0.036	0.053		Set Trigger
4	3.123	0.055	0.035	0.036	0.053		Set Trigger
5	3.123	0.054	0.033	0.036	0.053		Set Trigger

AVG 3.11

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 2/28/07

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	3.282	0.054	0.034	0.036	0.053		Set Trigger
2	3.213	0.054	0.033	0.035	0.054		Set Trigger
3	3.220	0.053	0.033	0.035	0.053		Set Trigger
4	3.235	0.054	0.034	0.035	0.054		Set Trigger
5	3.214	0.052	0.033	0.035	0.053		Set Trigger

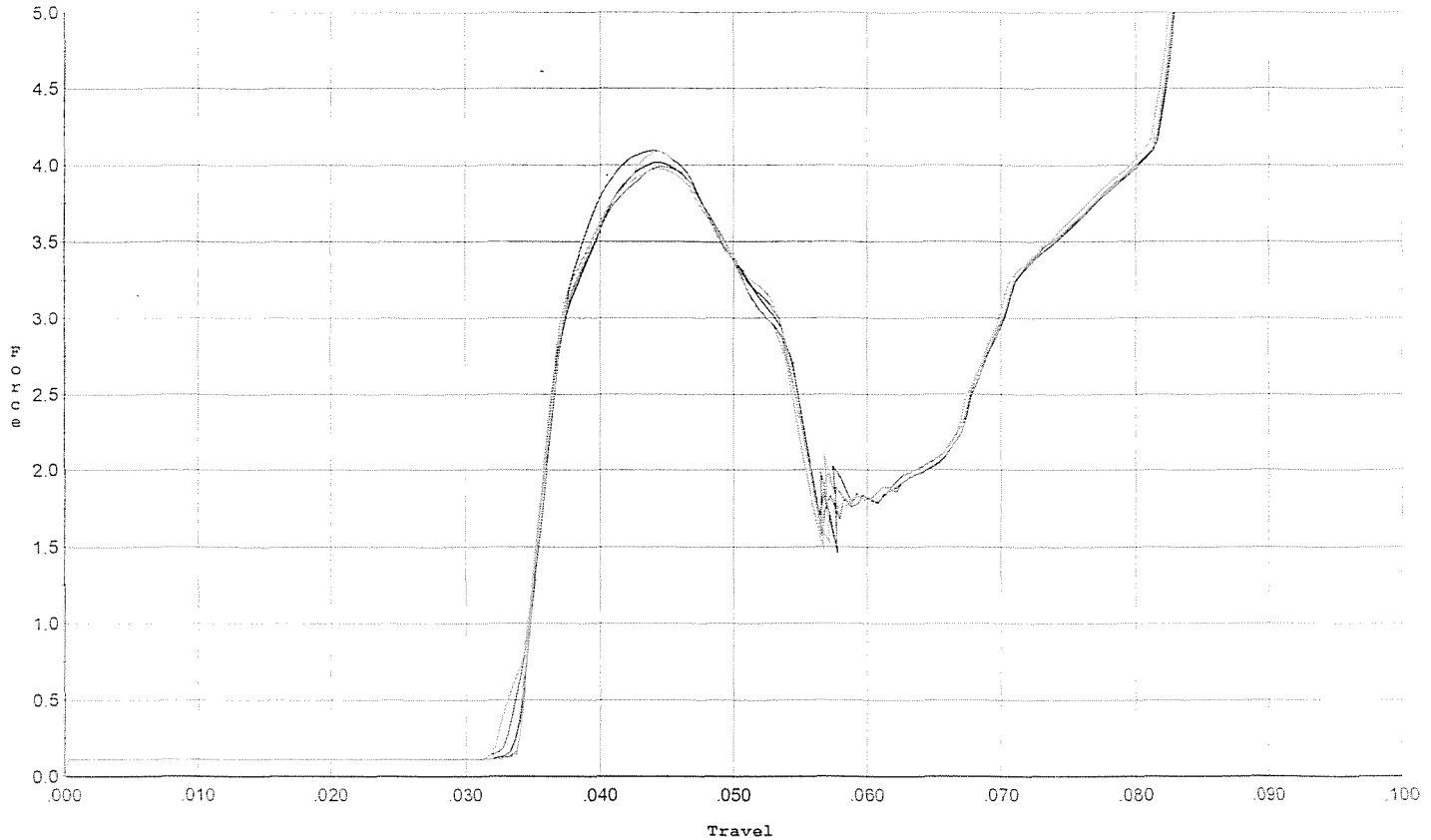
Aug 3.23

BARBER - M24 0143047

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/28/07

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



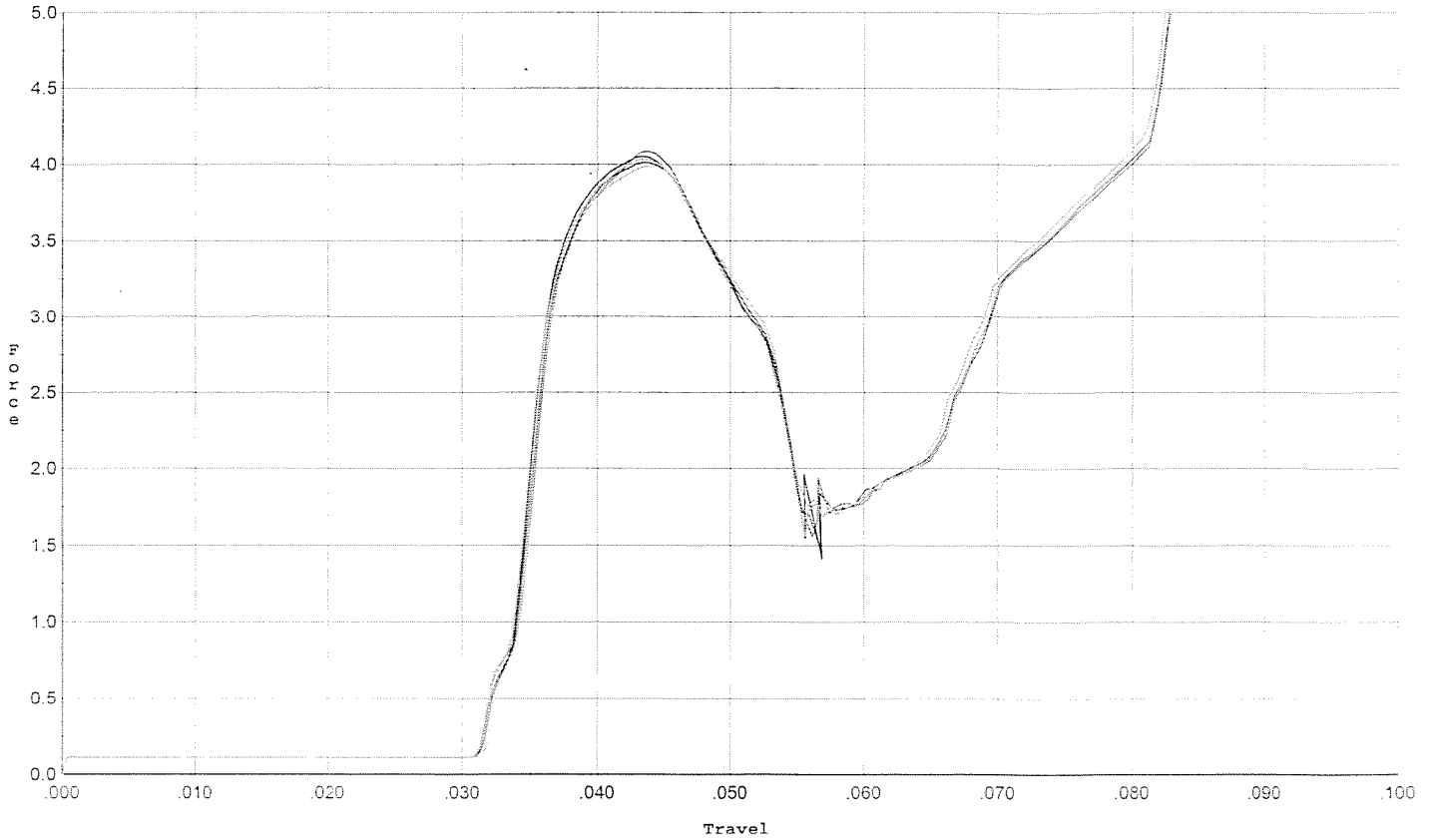
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.094	0.055	0.033	0.034	0.073		Set Trigger
2	4.018	0.054	0.034	0.034	0.071		Set Trigger
3	3.990	0.054	0.034	0.034	0.071		Set Trigger
4	3.977	0.054	0.034	0.034	0.070		Set Trigger
5	4.092	0.055	0.032	0.034	0.073		Set Trigger

Avg 4.03

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 2/28/07

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



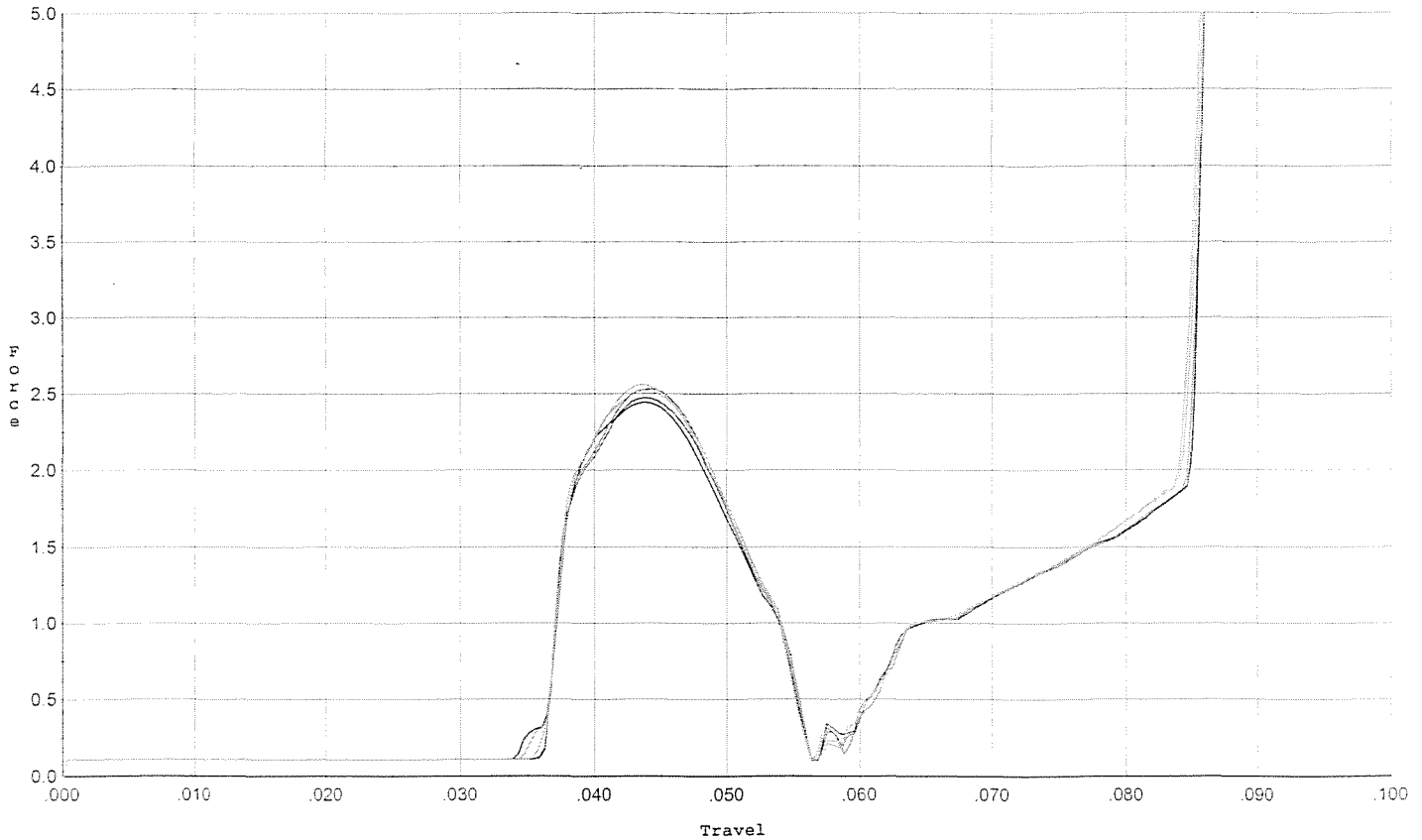
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.013	0.053	0.032	0.034	0.071		Set Trigger
2	4.052	0.054	0.032	0.034	0.072		Set Trigger
3	4.086	0.053	0.032	0.034	0.071		Set Trigger
4	3.991	0.053	0.032	0.034	0.071		Set Trigger
5	4.034	0.054	0.032	0.034	0.072		Set Trigger

Avg 4.03

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/28/07

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



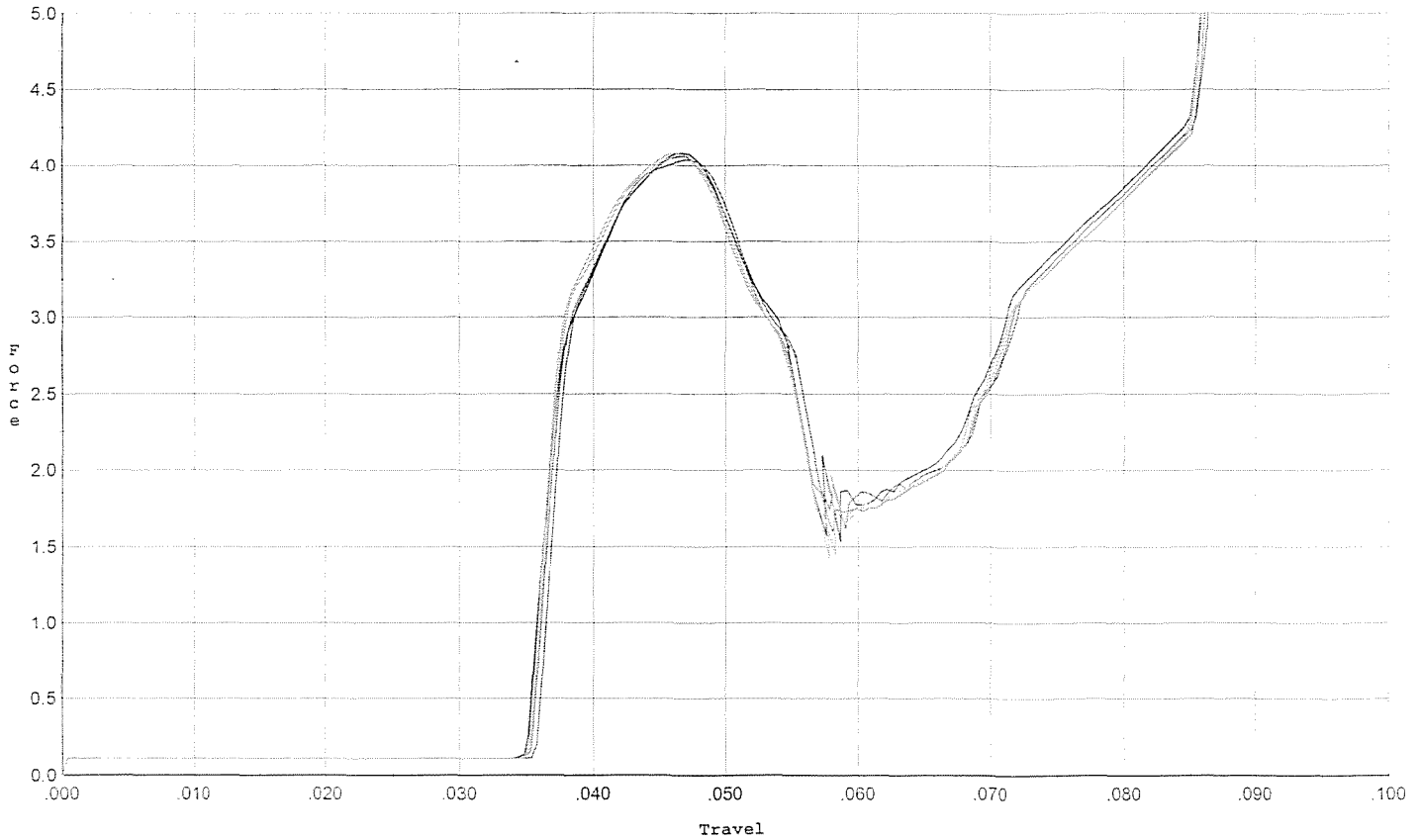
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.472	0.055	0.036	0.037	0.038		Set Trigger
2	2.445	0.054	0.035	0.038	0.038		Set Trigger
3	2.531	0.055	0.036	0.037	0.039		Set Trigger
4	2.560	0.054	0.036	0.038	0.039		Set Trigger
5	2.524	0.055	0.035	0.038	0.039		Set Trigger

AVG 2.50

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 2/28/07

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	0.055	0.036	0.036	0.070		Set Trigger
2	4.081	0.055	0.035	0.035	0.070		Set Trigger
3	4.062	0.055	0.035	0.036	0.069		Set Trigger
4	4.070	0.055	0.035	0.036	0.070		Set Trigger
5	4.079	0.055	0.035	0.036	0.071		Set Trigger

Avg 4.06

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635174.___0
FILE DATE AND TIME: 03/07/2007 14:19

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.041
The Average Y Centroid of the Five Target Set:	-0.036
The Average Point of Impact of the Five Target Set:	0.054
The Average Mean Radius of the Five Target Set:	0.802
The Distance from POA to Centroid Target #1:	0.300
The Distance from Centroid Target #2 to Centroid Target #1:	0.404
The Distance from Centroid Target #3 to Centroid Target #1:	0.082
The Distance from Centroid Target #4 to Centroid Target #1:	0.528
The Distance from Centroid Target #5 to Centroid Target #1:	0.621

BARBER - M24 0143052

SERIAL NUMBER: G6635174. __0

TARGET NUMBER: 1

FILE DATE: 03/07/2007

FILE TIME: 14:19

X CENTROID: -0.229

Y CENTROID: 0.194

POA TO CENTROID: 0.300

HORZ SPREAD: 1.851

VERT SPREAD: 2.917

GROUP SPREAD: 3.104

MIN RADIUS: 0.527

MAX RADIUS: 1.976

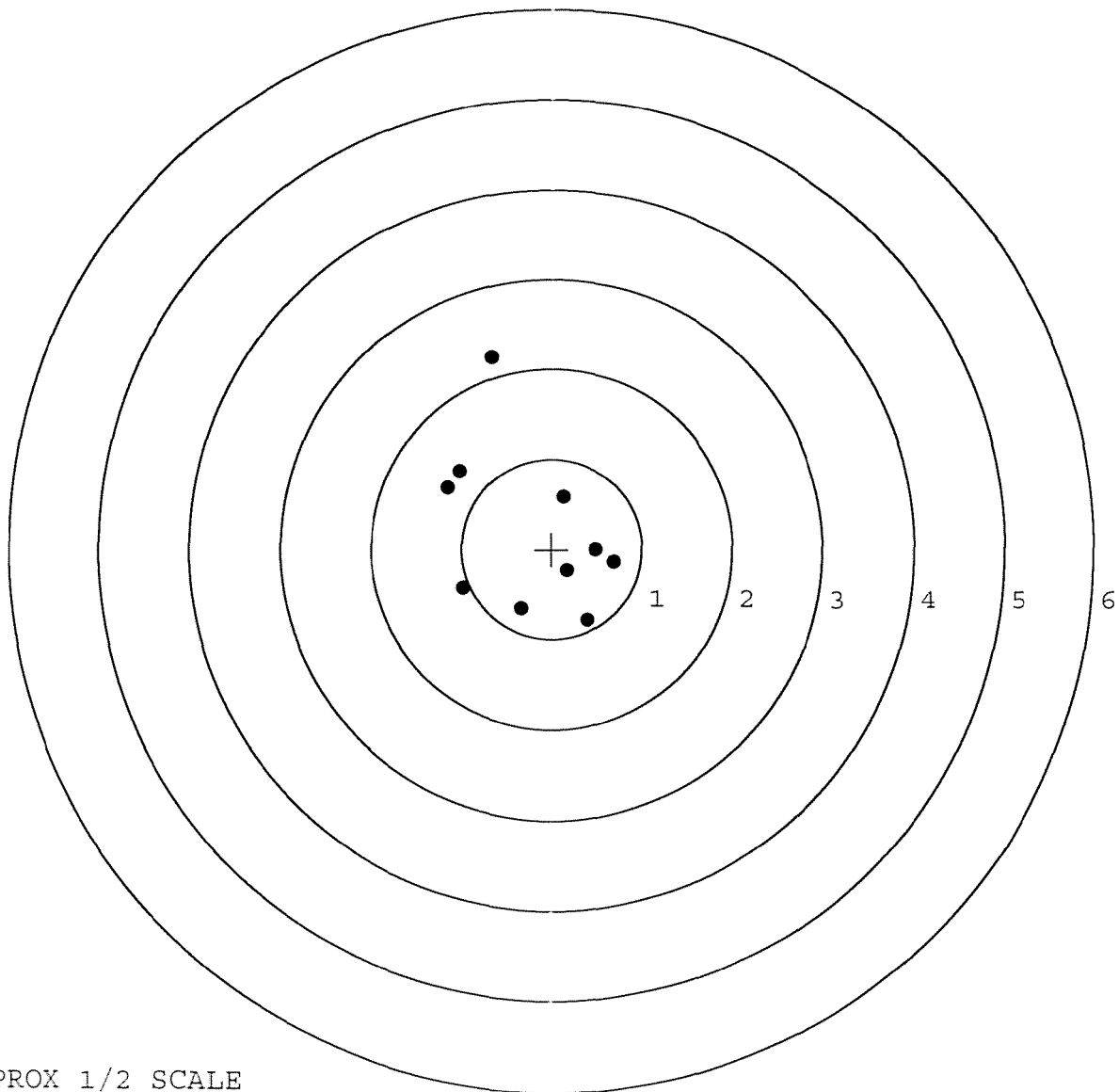
MEAN RADIUS: 0.993

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.396	-0.795
2:	0.693	-0.145
3:	0.493	-0.002
4:	0.170	-0.237
5:	-0.336	-0.671
6:	-0.986	-0.441
7:	0.130	0.581
8:	-1.024	0.857
9:	-1.158	0.676
10:	-0.665	2.122



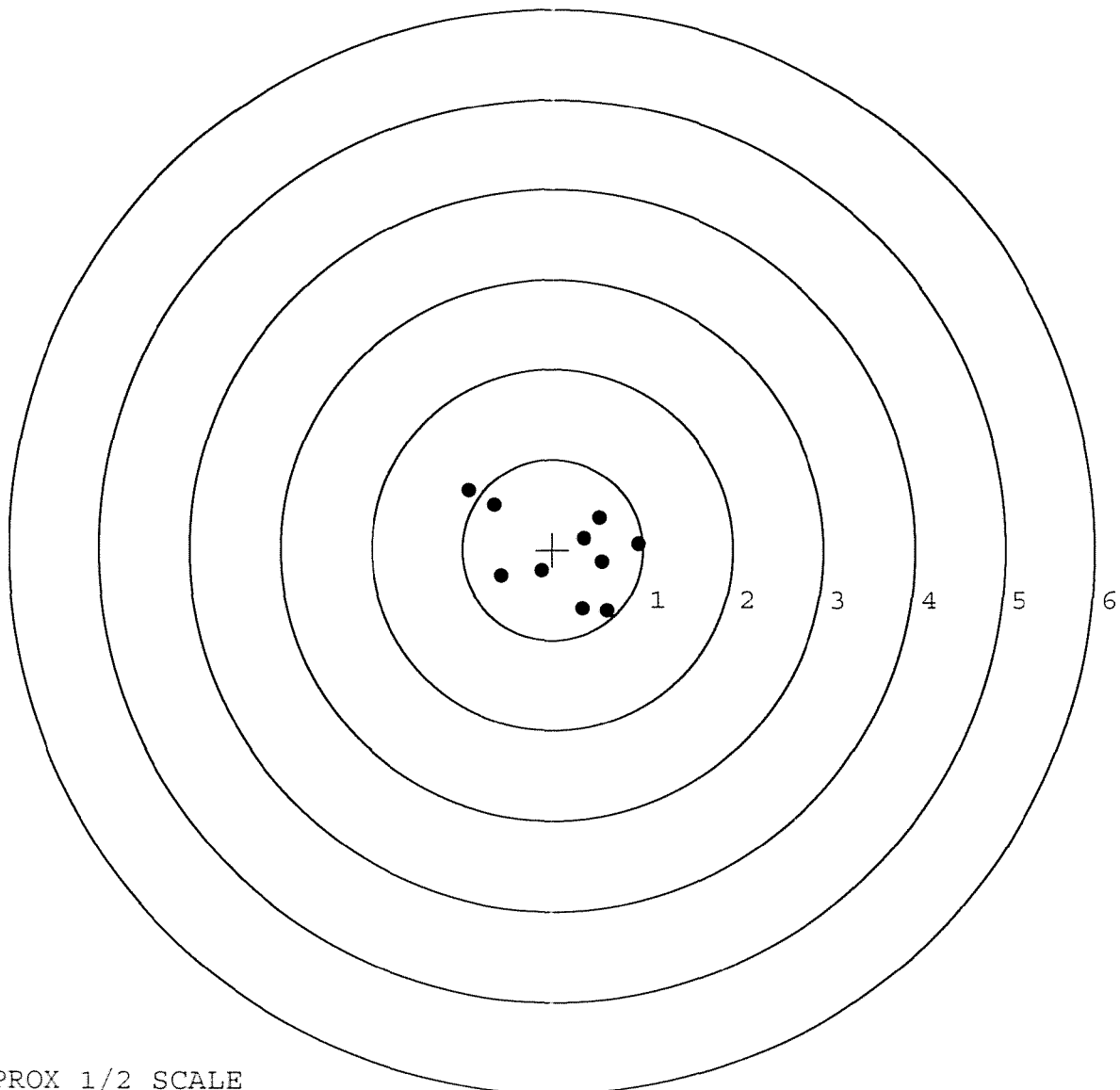
TARGET APPROX 1/2 SCALE

BARBER - M24 0143053

SERIAL NUMBER: G6635174. __0
TARGET NUMBER: 2
FILE DATE: 03/07/2007
FILE TIME: 14:19

X CENTROID: 0.105
Y CENTROID: -0.033
POA TO CENTROID: 0.110
HORZ SPREAD: 1.877
VERT SPREAD: 1.326
GROUP SPREAD: 2.030
MIN RADIUS: 0.292
MAX RADIUS: 1.237
MEAN RADIUS: 0.683
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.610	-0.676
2:	0.336	-0.658
3:	0.950	0.062
4:	0.520	0.349
5:	0.352	0.124
6:	0.552	-0.139
7:	-0.122	-0.234
8:	-0.573	-0.293
9:	-0.646	0.489
10:	-0.927	0.650



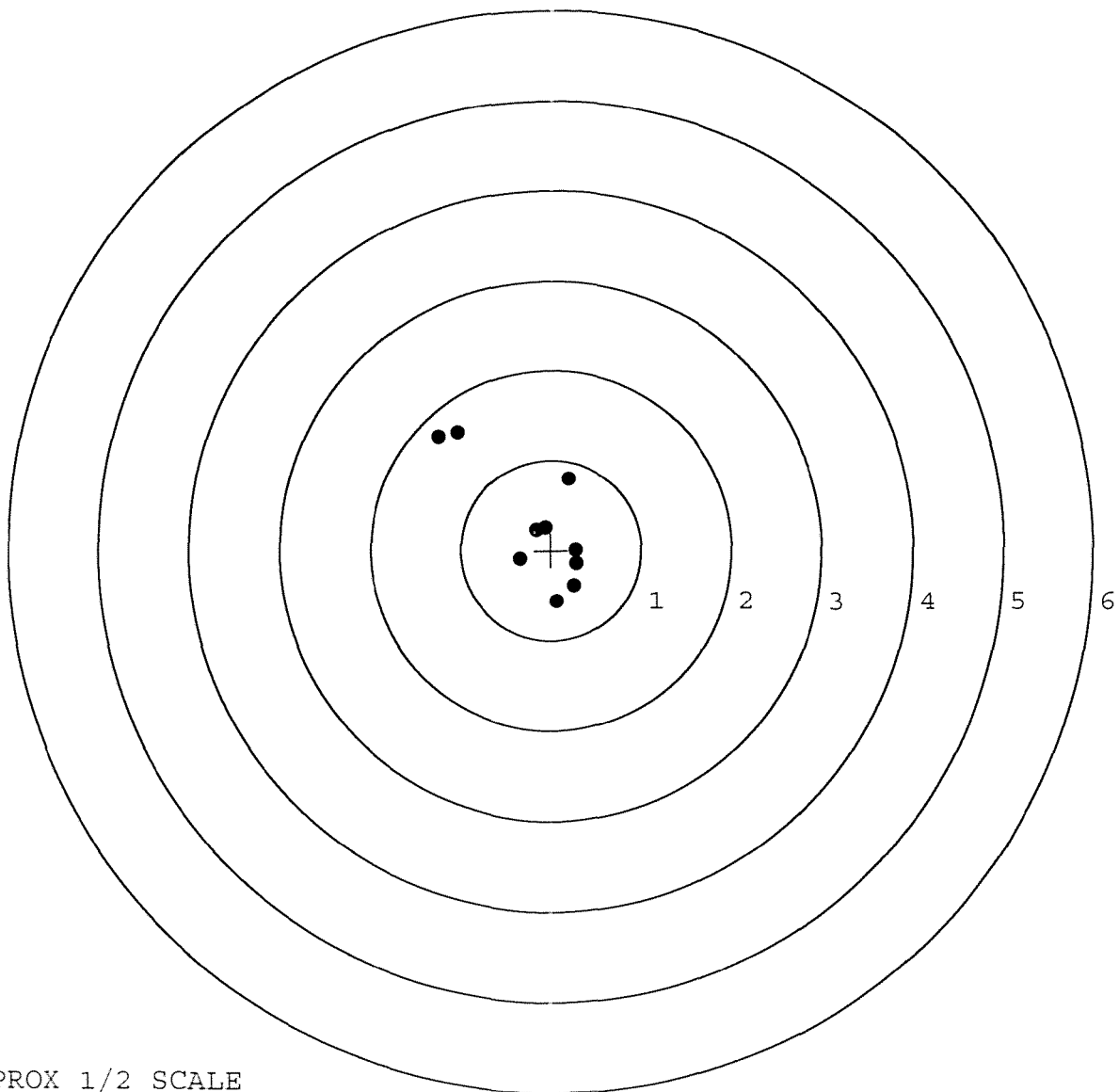
TARGET APPROX 1/2 SCALE

BARBER - M24 0143054

SERIAL NUMBER: G6635174. __0
TARGET NUMBER: 3
FILE DATE: 03/07/2007
FILE TIME: 14:19

X CENTROID: -0.178
Y CENTROID: 0.260
POA TO CENTROID: 0.315
HORZ SPREAD: 1.541
VERT SPREAD: 1.867
GROUP SPREAD: 2.252
MIN RADIUS: 0.041
MAX RADIUS: 1.465
MEAN RADIUS: 0.681
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.195	0.793
2:	-1.042	1.294
3:	-1.256	1.252
4:	-0.062	0.249
5:	-0.161	0.223
6:	-0.343	-0.099
7:	0.278	0.003
8:	0.285	-0.150
9:	0.259	-0.394
10:	0.063	-0.573



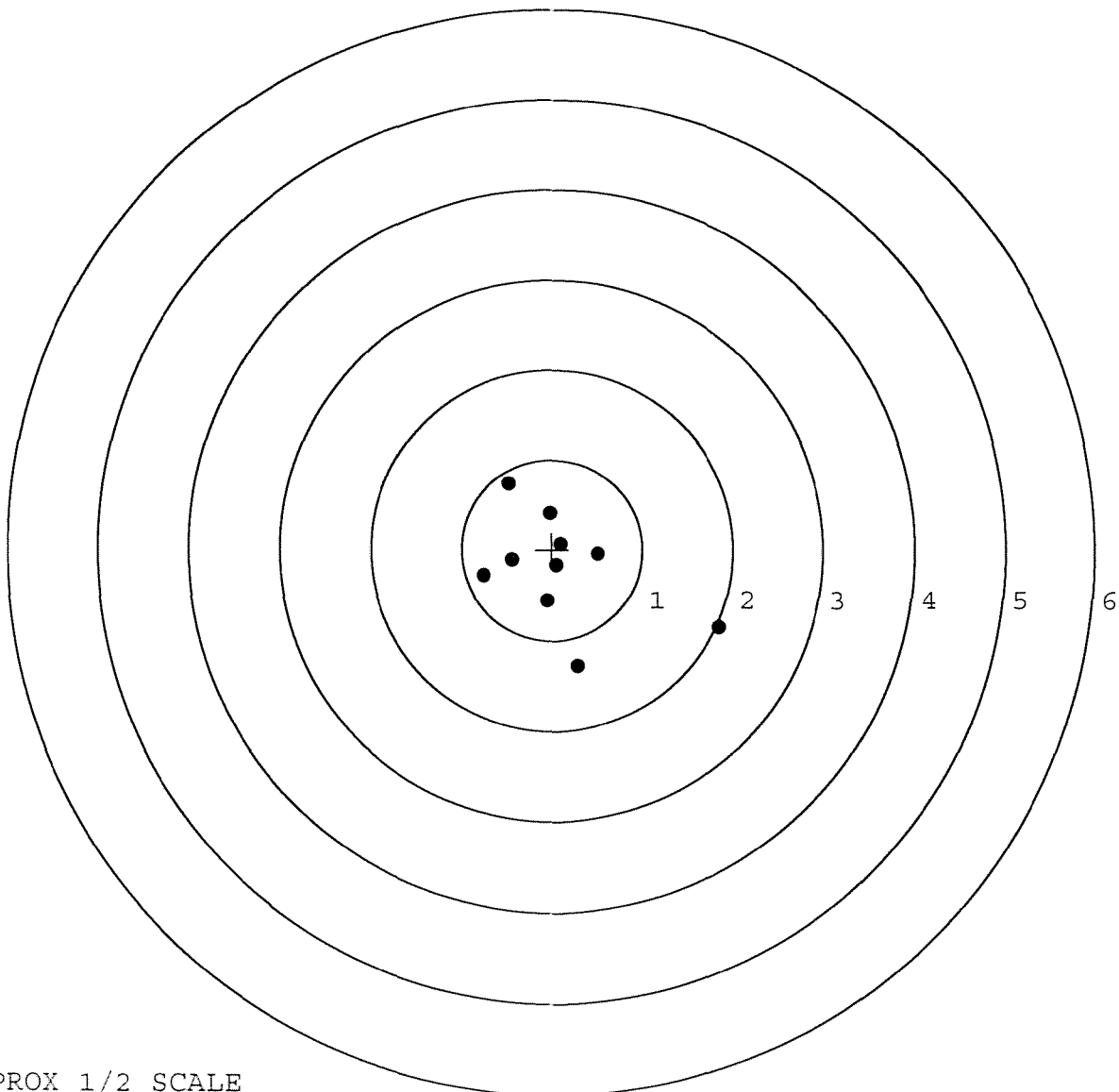
TARGET APPROX 1/2 SCALE

BARBER - M24 0143055

SERIAL NUMBER: G6635174. __0
TARGET NUMBER: 4
FILE DATE: 03/07/2007
FILE TIME: 14:19

X CENTROID: 0.105
Y CENTROID: -0.214
POA TO CENTROID: 0.239
HORZ SPREAD: 2.602
VERT SPREAD: 2.017
GROUP SPREAD: 2.815
MIN RADIUS: 0.066
MAX RADIUS: 1.857
MEAN RADIUS: 0.725
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.848	-0.854
2:	0.291	-1.284
3:	-0.051	-0.563
4:	-0.441	-0.119
5:	-0.754	-0.290
6:	0.507	-0.050
7:	-0.024	0.402
8:	-0.477	0.733
9:	0.098	0.058
10:	0.052	-0.175



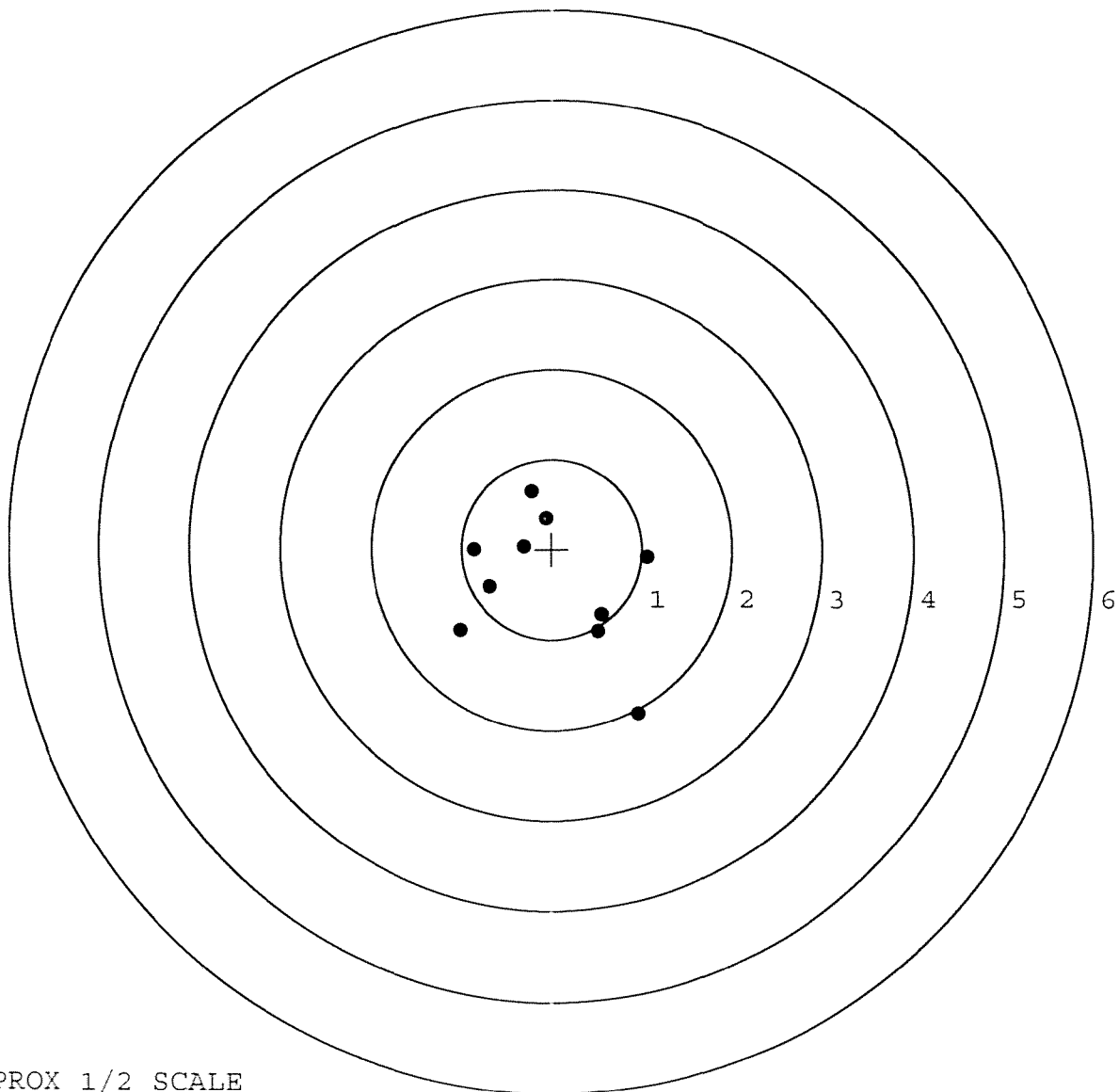
TARGET APPROX 1/2 SCALE

BARBER - M24 0143056

SERIAL NUMBER: G6635174. __0
TARGET NUMBER: 5
FILE DATE: 03/07/2007
FILE TIME: 14:19

X CENTROID: -0.008
Y CENTROID: -0.386
POA TO CENTROID: 0.386
HORZ SPREAD: 2.076
VERT SPREAD: 2.464
GROUP SPREAD: 2.730
MIN RADIUS: 0.513
MAX RADIUS: 1.725
MEAN RADIUS: 0.929
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.954	-1.818
2:	0.515	-0.914
3:	0.557	-0.728
4:	1.059	-0.087
5:	-0.222	0.646
6:	-0.065	0.345
7:	-0.310	0.028
8:	-0.864	-0.009
9:	-0.690	-0.420
10:	-1.017	-0.906



TARGET APPROX 1/2 SCALE