

BARBER - M24 0177562

G 669 3308

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0177562 M2400177601

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



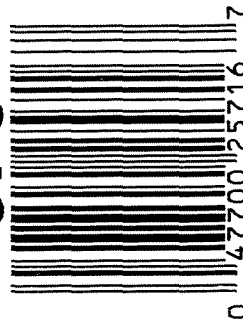
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6693308

UPC



BARBER - M24 0177564

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 0177564

M-24
BARBER - M24 0177565 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6693308

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10/2/07	SPD
420	ASSEMBLE ACTION		9-27-07	SD
430	ASSEMBLE TO STOCK		10-1-07	SD
440	PROOF	MAGNA - FLUX	10/1/07	mm
460	CHECK HEADSPACE	UCI 03 2007	10/1/07	mm
470	DIS-ASSEMBLE ACTION		10-1-07	SD
480	MAGNAFLUX BBL ACTION	OPERATOR <i>mm</i>	10/3/07	mm
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-3-07	CW
510	DRILL AND TAP SIGHT HOLES		10-2-07	SD
520	GOFF BLAST BBL / REC		10-3-07	(LC)
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10/17/07	SPD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10/17/07	SPD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10/17/07	SPD
	D) OIL FIRING PIN ASSEMBLY		10/18/07	SPD
	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	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.0</u> <u>4.75</u> <u>4.75</u>	10/24/07	msm
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>5.25</u> <u>5.5</u> <u>5.5</u>	10/24/07	msm
	H) TRIGGER PULL TEST AND RETAINABILITY		10/24/07	msm
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.023</u> <u>.023</u>	10/24/07	msm
	J) ASSEMBLE STOCK		10/18/07	RTZ
	K) ASSEMBLE SWIVEL STUDS		10-27-07	RTZ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-27-07	RTZ
	M) IRON SIGHT ALIGNMENT		10-27-07	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-27-07	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	10-19-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10-19-07	BWD
670	FINAL INSPECTION A) HEADSPACE		10/24/07	msm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.34</u> <u>2.39</u> <u>2.41</u> <u>2.59</u> <u>2.34</u>	10/23/07	msm
	C) FUNCTION		10/24/07	msm
690	PACK		10/24/07	RA

F004 REV 5/2006

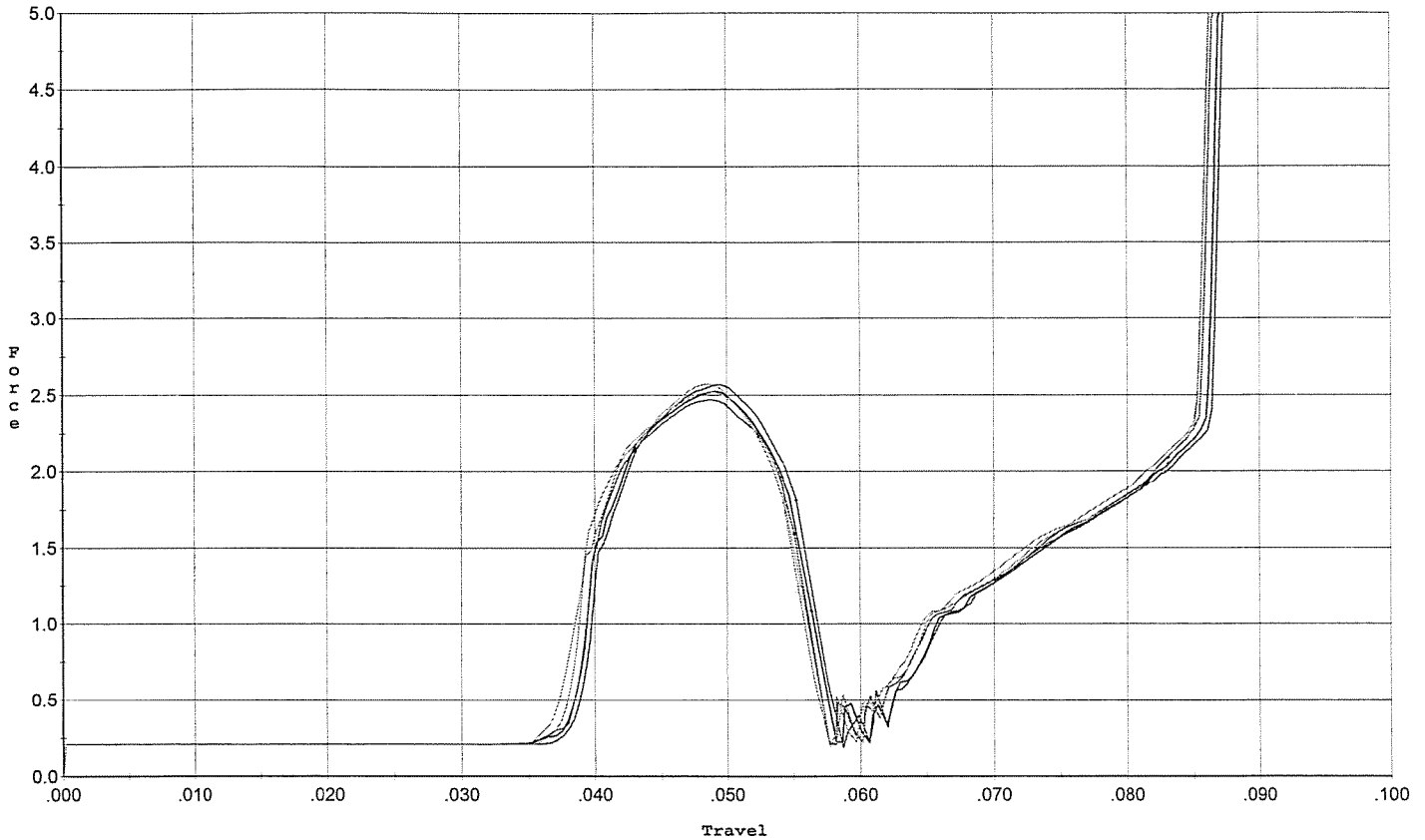
CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 04777605

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/17/07

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



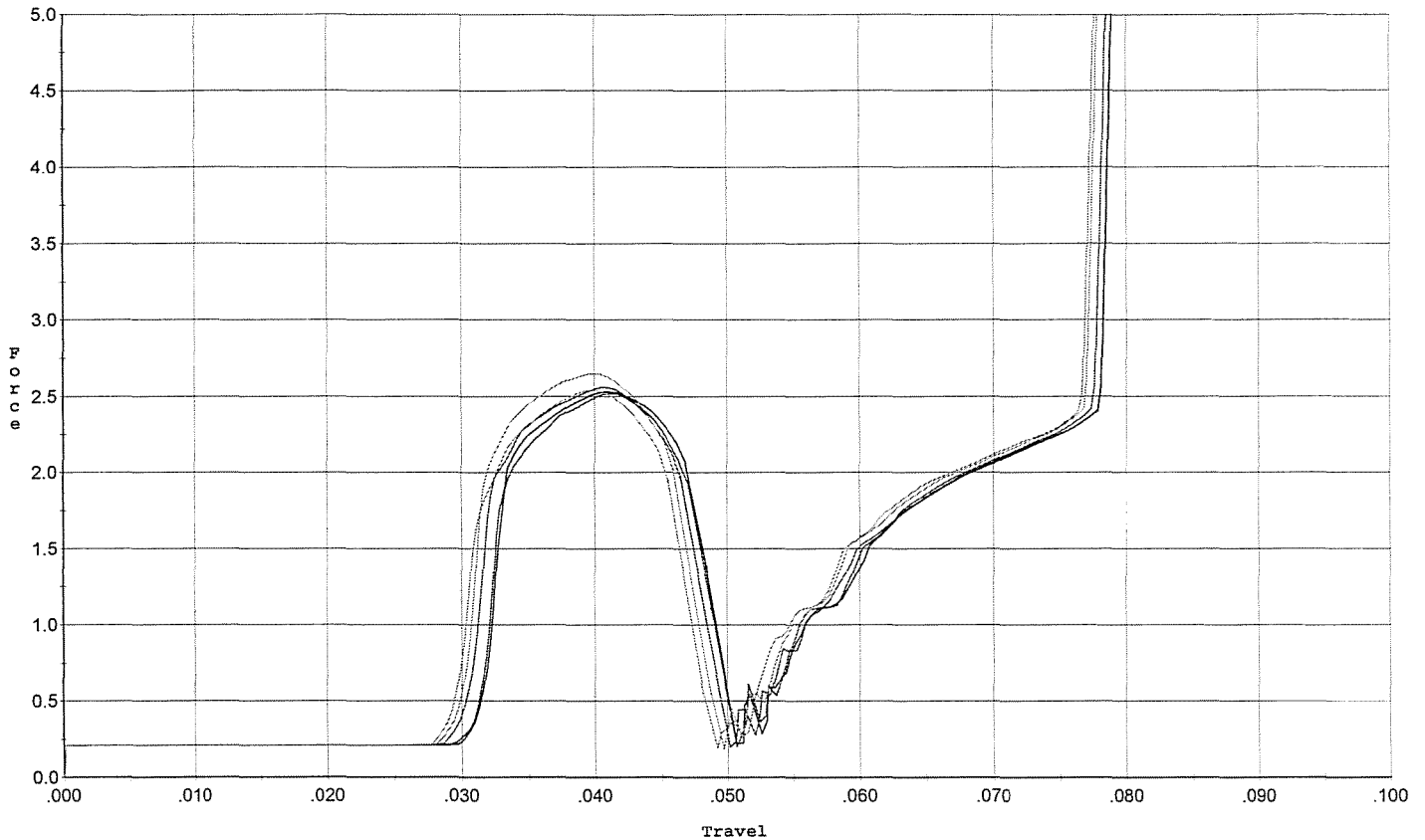
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.568	0.055	0.038	0.038	0.044		Set Trigger
2	2.524	0.056	0.038	0.038	0.045		Set Trigger
3	2.470	0.055	0.038	0.038	0.043		Set Trigger
4	2.522	0.056	0.037	0.038	0.046		Set Trigger
5	2.572	0.054	0.037	0.038	0.043		Set Trigger

AVG 2.53

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/17/07

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



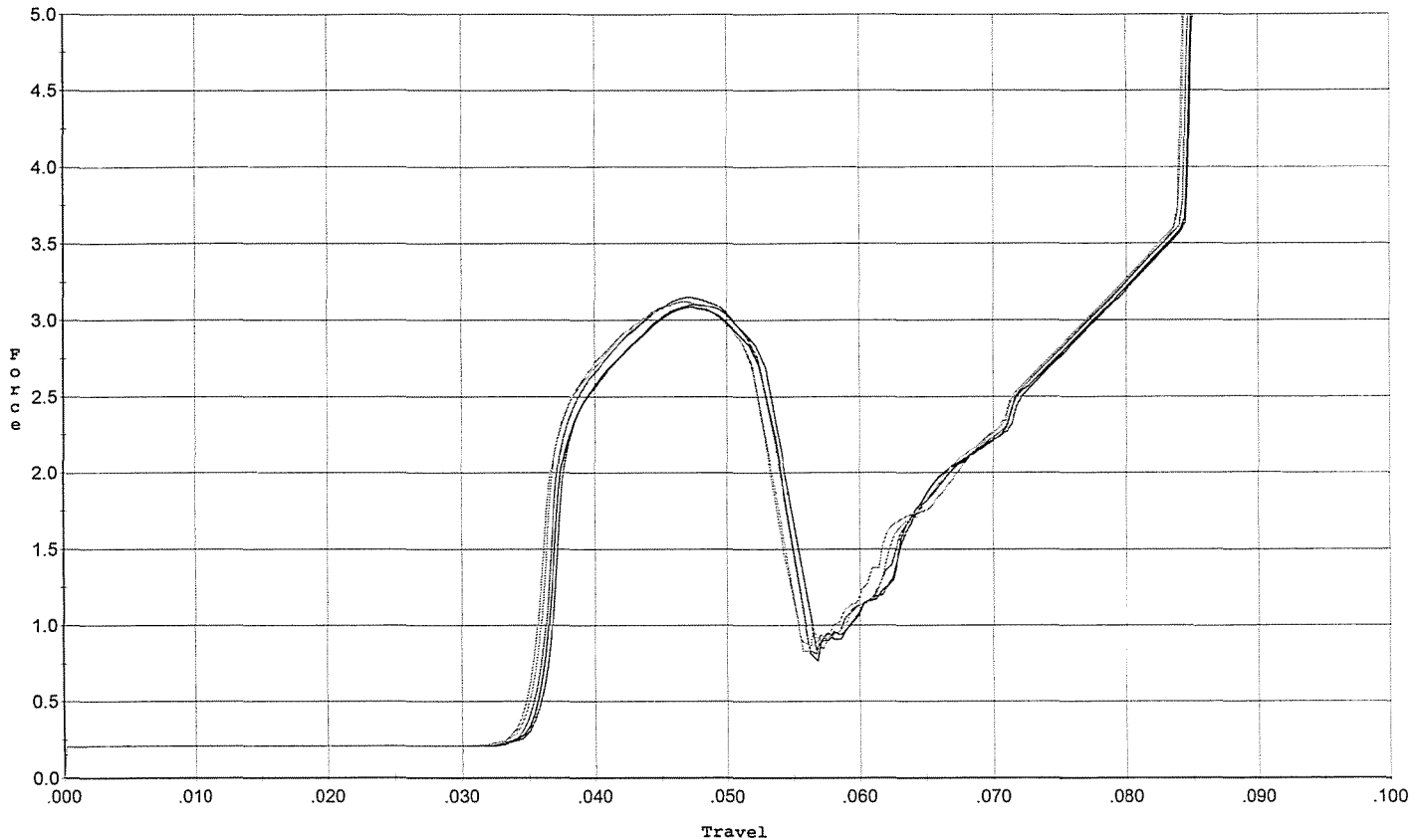
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.518	0.049	0.031	0.035	0.043		Set Trigger
2	2.530	0.048	0.031	0.035	0.044		Set Trigger
3	2.560	0.047	0.030	0.035	0.043		Set Trigger
4	2.648	0.046	0.029	0.035	0.044		Set Trigger
5	2.542	0.046	0.029	0.035	0.042		Set Trigger

AVg 2.56

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/17/07

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



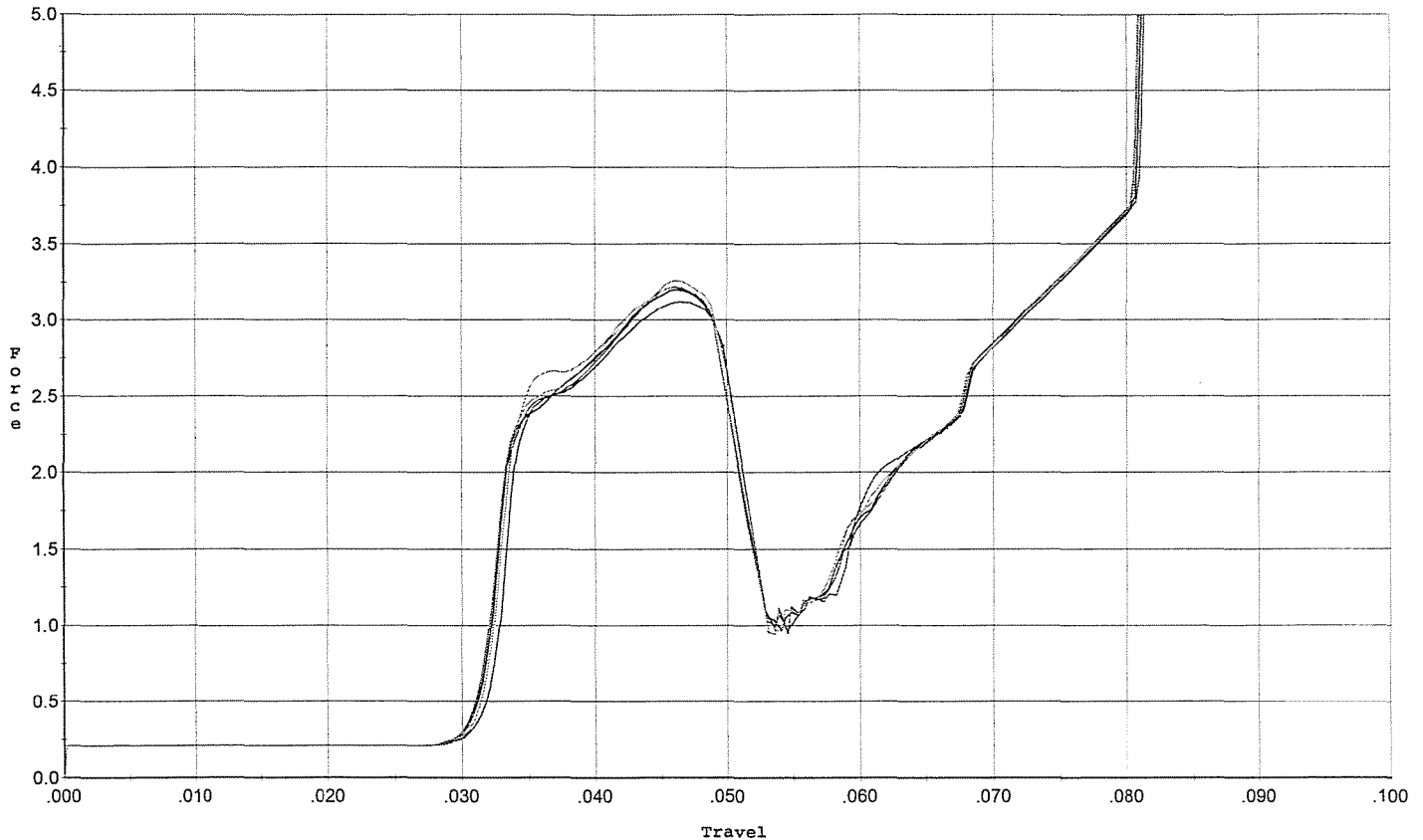
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.104	0.055	0.035	0.036	0.057		Set Trigger
2	3.087	0.054	0.035	0.036	0.056		Set Trigger
3	3.153	0.054	0.035	0.036	0.057		Set Trigger
4	3.124	0.054	0.034	0.036	0.057		Set Trigger
5	3.123	0.052	0.034	0.036	0.055		Set Trigger

Avg 3.11

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/17/07

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



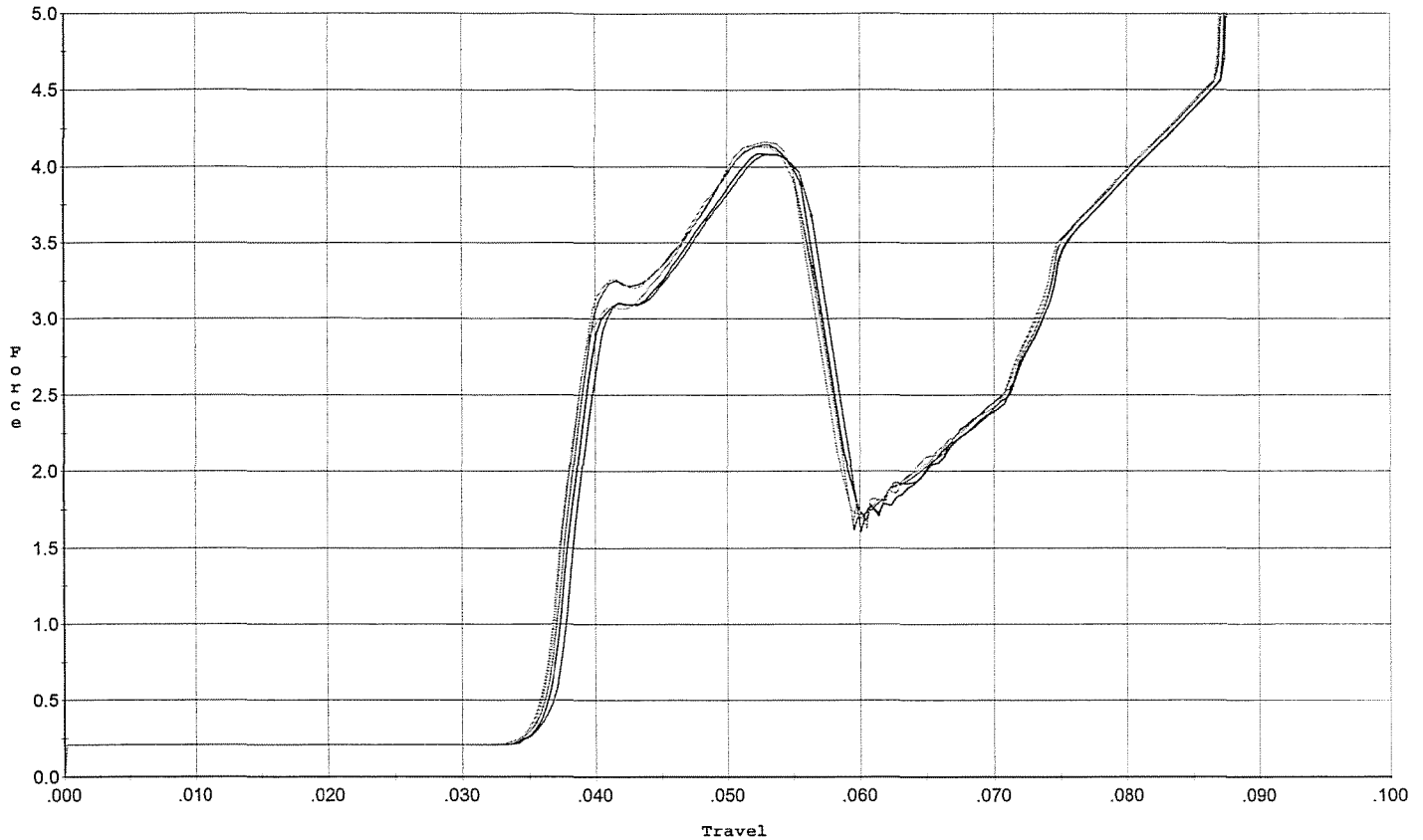
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.120	0.050	0.031	0.034	0.055		Set Trigger
2	3.201	0.049	0.031	0.034	0.055		Set Trigger
3	3.215	0.049	0.030	0.034	0.056		Set Trigger
4	3.220	0.049	0.031	0.034	0.056		Set Trigger
5	3.261	0.050	0.031	0.033	0.058		Set Trigger

Avg 3.20

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/17/07

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



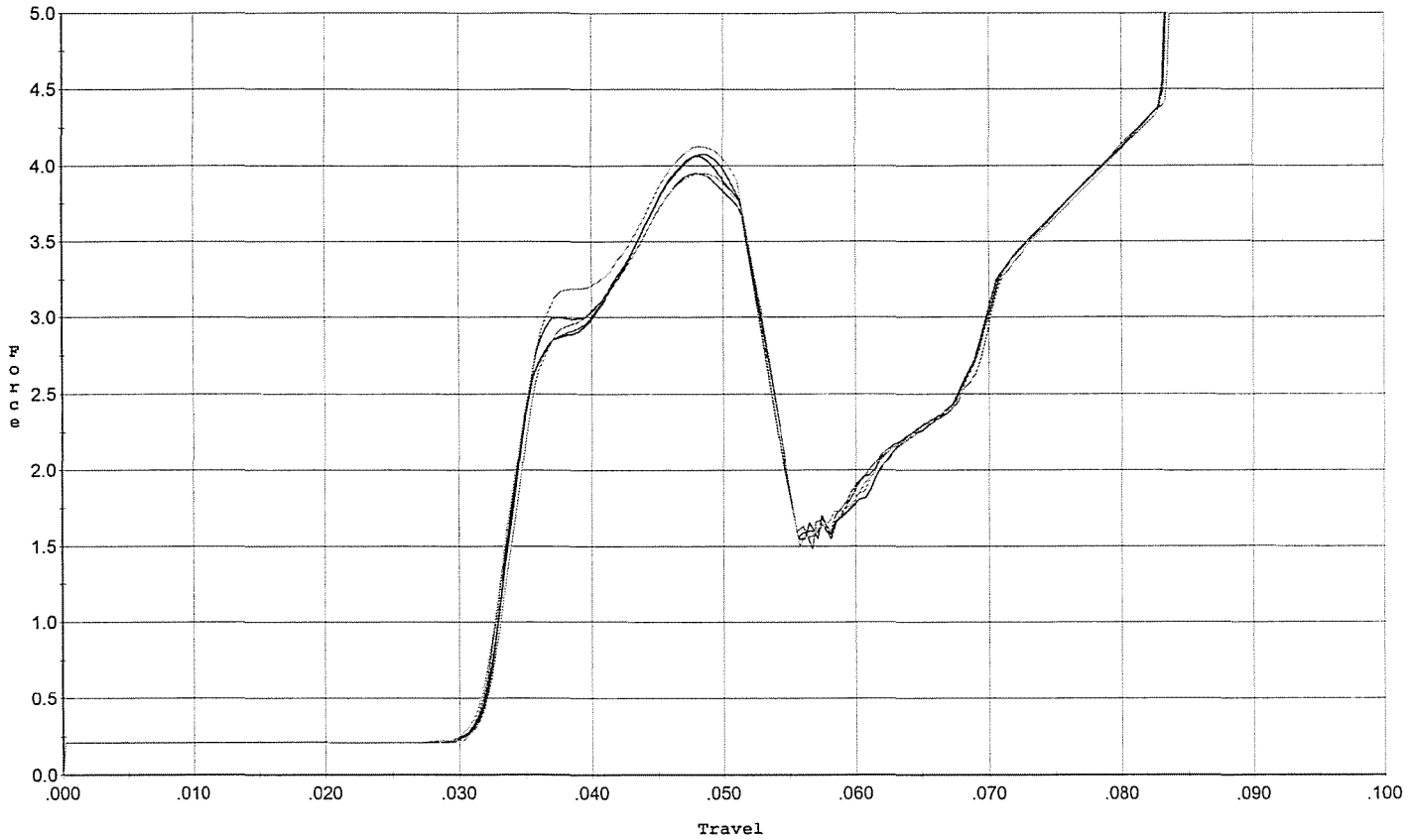
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.082	0.056	0.036	0.035	0.075		Set Trigger
2	4.085	0.056	0.036	0.035	0.074		Set Trigger
3	4.147	0.056	0.036	0.035	0.077		Set Trigger
4	4.161	0.057	0.035	0.035	0.078		Set Trigger
5	4.141	0.055	0.035	0.035	0.074		Set Trigger

AVG 4.12

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/17/07

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



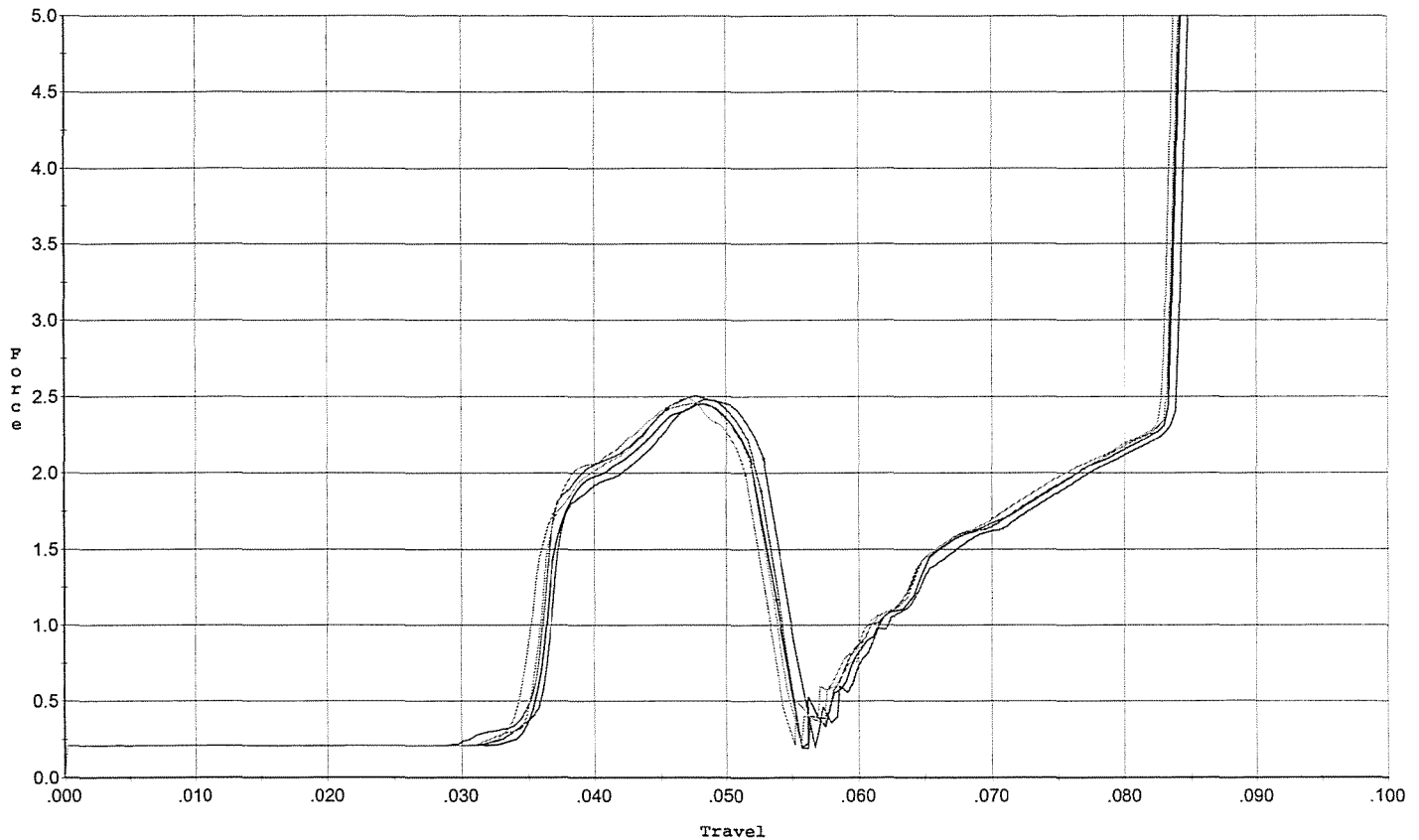
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.074	0.053	0.031	0.033	0.075		Set Trigger
2	4.064	0.053	0.031	0.033	0.074		Set Trigger
3	3.953	0.051	0.031	0.034	0.070		Set Trigger
4	4.127	0.053	0.031	0.033	0.076		Set Trigger
5	3.953	0.053	0.031	0.034	0.073		Set Trigger

Avg 4.03

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/17/07

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



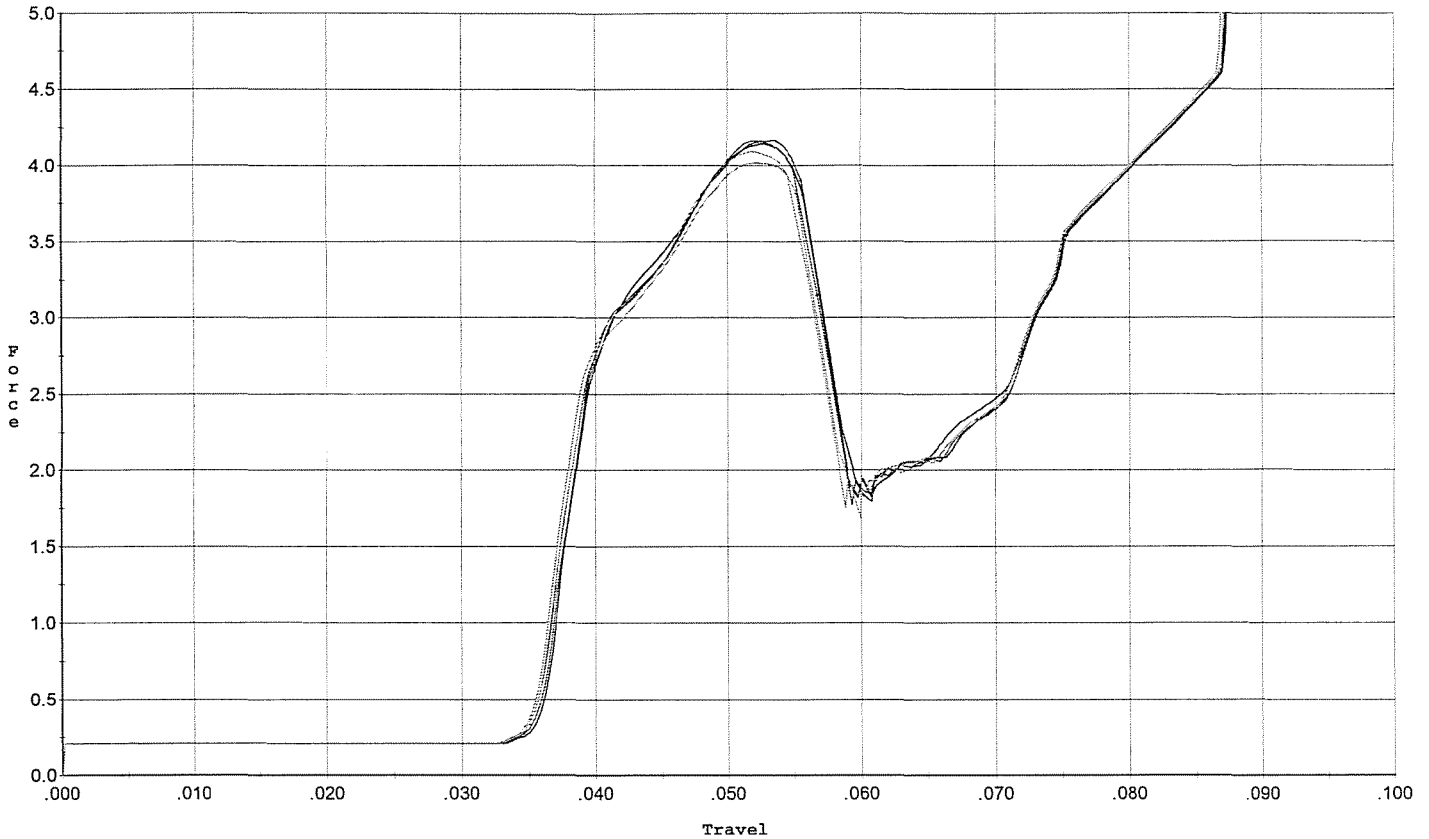
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.480	0.053	0.036	0.037	0.044		Set Trigger
2	2.453	0.054	0.035	0.037	0.044		Set Trigger
3	2.507	0.053	0.035	0.036	0.045		Set Trigger
4	2.463	0.052	0.035	0.037	0.044		Set Trigger
5	2.491	0.051	0.034	0.036	0.044		Set Trigger

Avg 2.47

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/17/07

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	4.163	0.056	0.035	0.035	0.076		Set Trigger
2	4.145	0.056	0.035	0.035	0.076		Set Trigger
3	4.162	0.057	0.035	0.035	0.078		Set Trigger
4	4.094	0.056	0.035	0.035	0.076		Set Trigger
5	4.018	0.055	0.035	0.035	0.073		Set Trigger

AVG 4.11

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6693308.___0
FILE DATE AND TIME: 10/19/2007 13:10

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

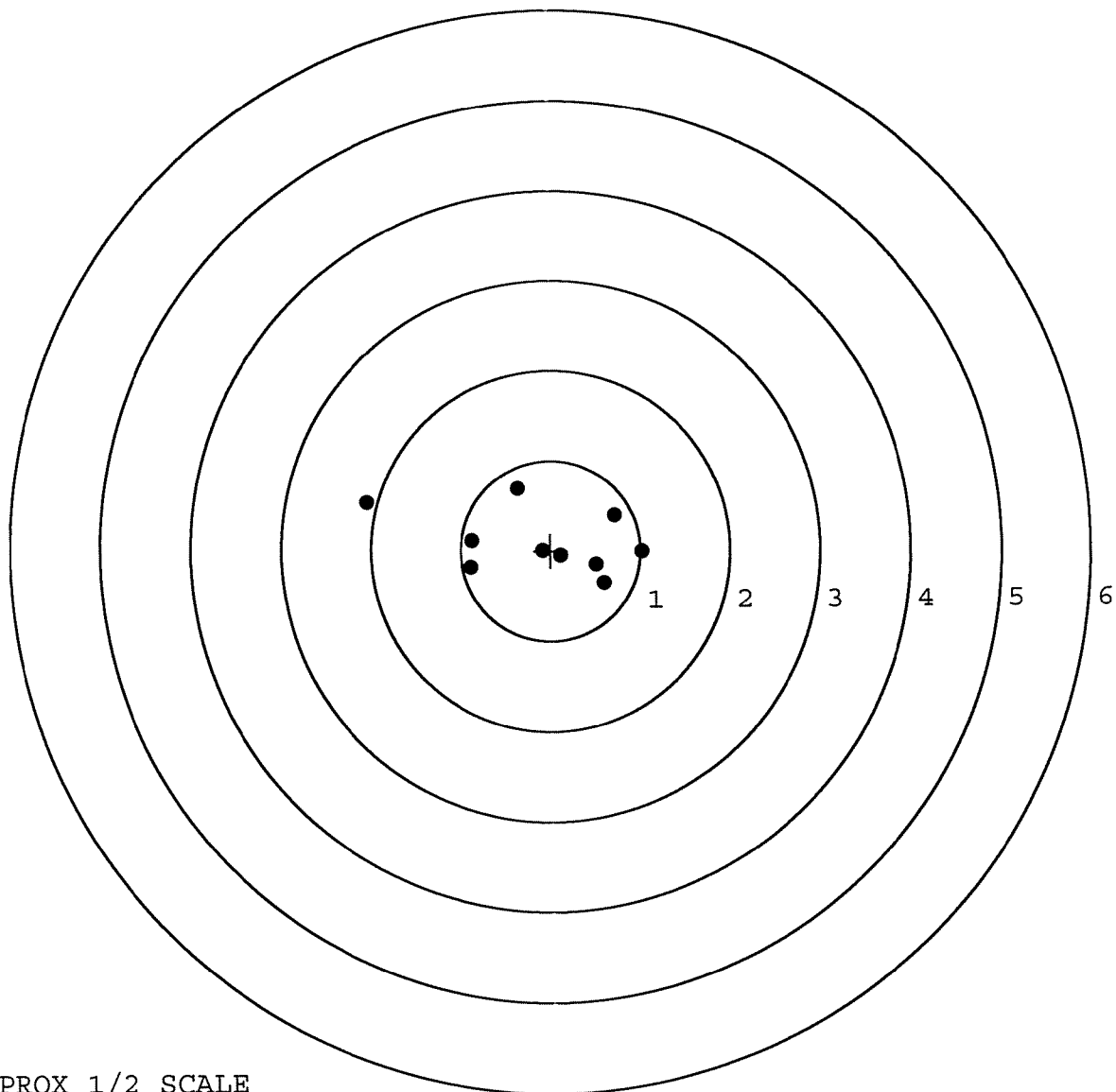
The Average X Centroid of the Five Target Set:	-0.019
The Average Y Centroid of the Five Target Set:	0.032
The Average Point of Impact of the Five Target Set:	0.037
The Average Mean Radius of the Five Target Set:	0.762
The Distance from POA to Centroid Target #1:	0.164
The Distance from Centroid Target #2 to Centroid Target #1:	0.351
The Distance from Centroid Target #3 to Centroid Target #1:	0.110
The Distance from Centroid Target #4 to Centroid Target #1:	0.132
The Distance from Centroid Target #5 to Centroid Target #1:	0.182

BARBER - M24 0177576

SERIAL NUMBER: G6693308. __0
TARGET NUMBER: 1
FILE DATE: 10/19/2007
FILE TIME: 13:10

POINT#	X	Y
1:	-2.045	0.545
2:	-0.364	0.689
3:	-0.878	0.120
4:	-0.890	-0.181
5:	1.014	-0.017
6:	0.718	0.390
7:	0.597	-0.365
8:	0.512	-0.156
9:	0.111	-0.055
10:	-0.092	0.006

X CENTROID: -0.132
Y CENTROID: 0.098
POA TO CENTROID: 0.164
HORZ SPREAD: 3.059
VERT SPREAD: 1.054
GROUP SPREAD: 3.110
MIN RADIUS: 0.100
MAX RADIUS: 1.965
MEAN RADIUS: 0.815
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



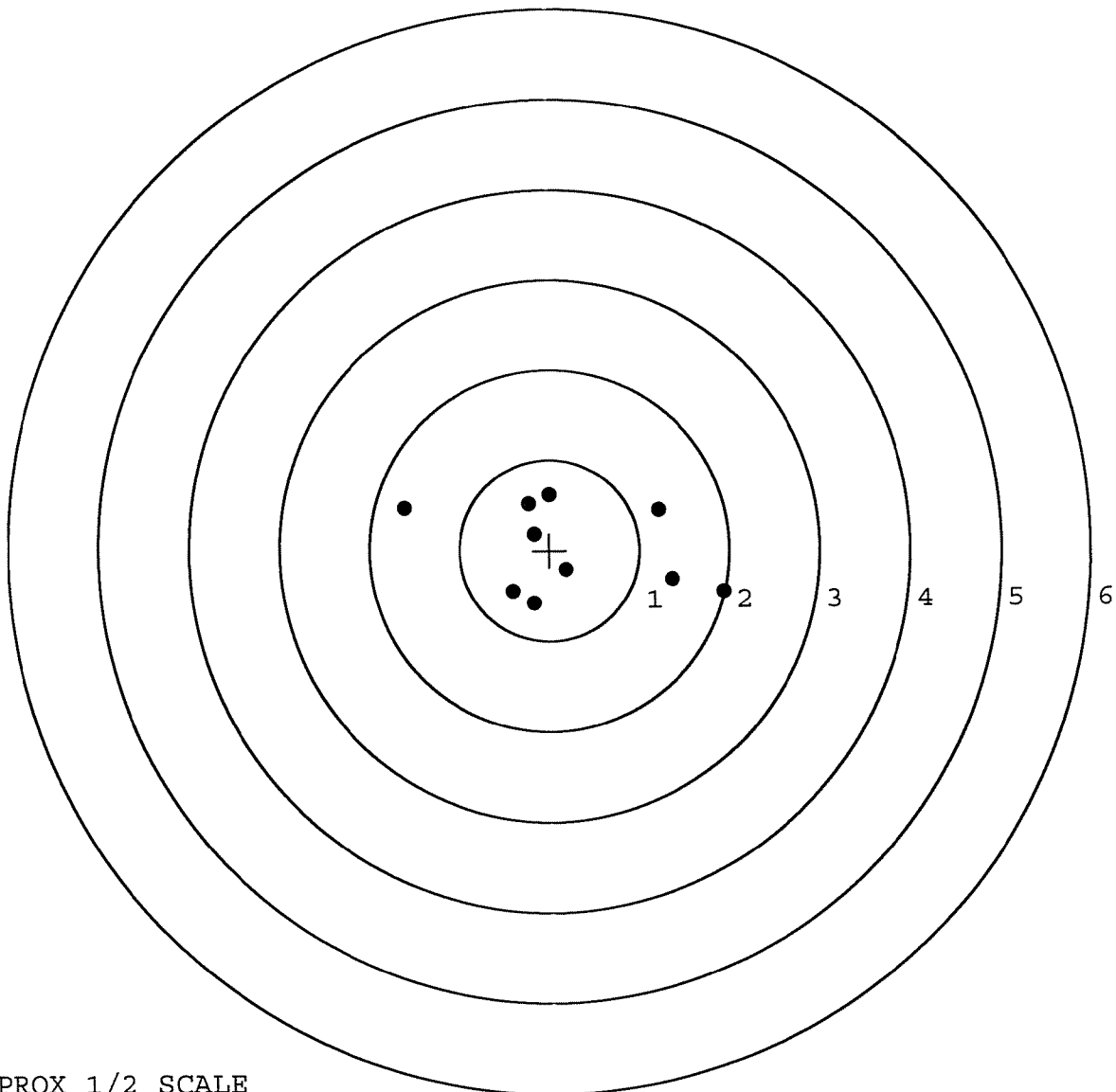
TARGET APPROX 1/2 SCALE

BARBER - M24 0177577

SERIAL NUMBER: G6693308. __0
TARGET NUMBER: 2
FILE DATE: 10/19/2007
FILE TIME: 13:10

POINT#	X	Y
1:	-1.613	0.468
2:	-0.006	0.611
3:	-0.232	0.508
4:	-0.172	0.177
5:	0.183	-0.215
6:	-0.175	-0.593
7:	-0.408	-0.459
8:	1.217	0.439
9:	1.366	-0.327
10:	1.934	-0.470

X CENTROID: 0.209
Y CENTROID: 0.014
POA TO CENTROID: 0.210
HORZ SPREAD: 3.547
VERT SPREAD: 1.204
GROUP SPREAD: 3.669
MIN RADIUS: 0.230
MAX RADIUS: 1.878
MEAN RADIUS: 0.941
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8



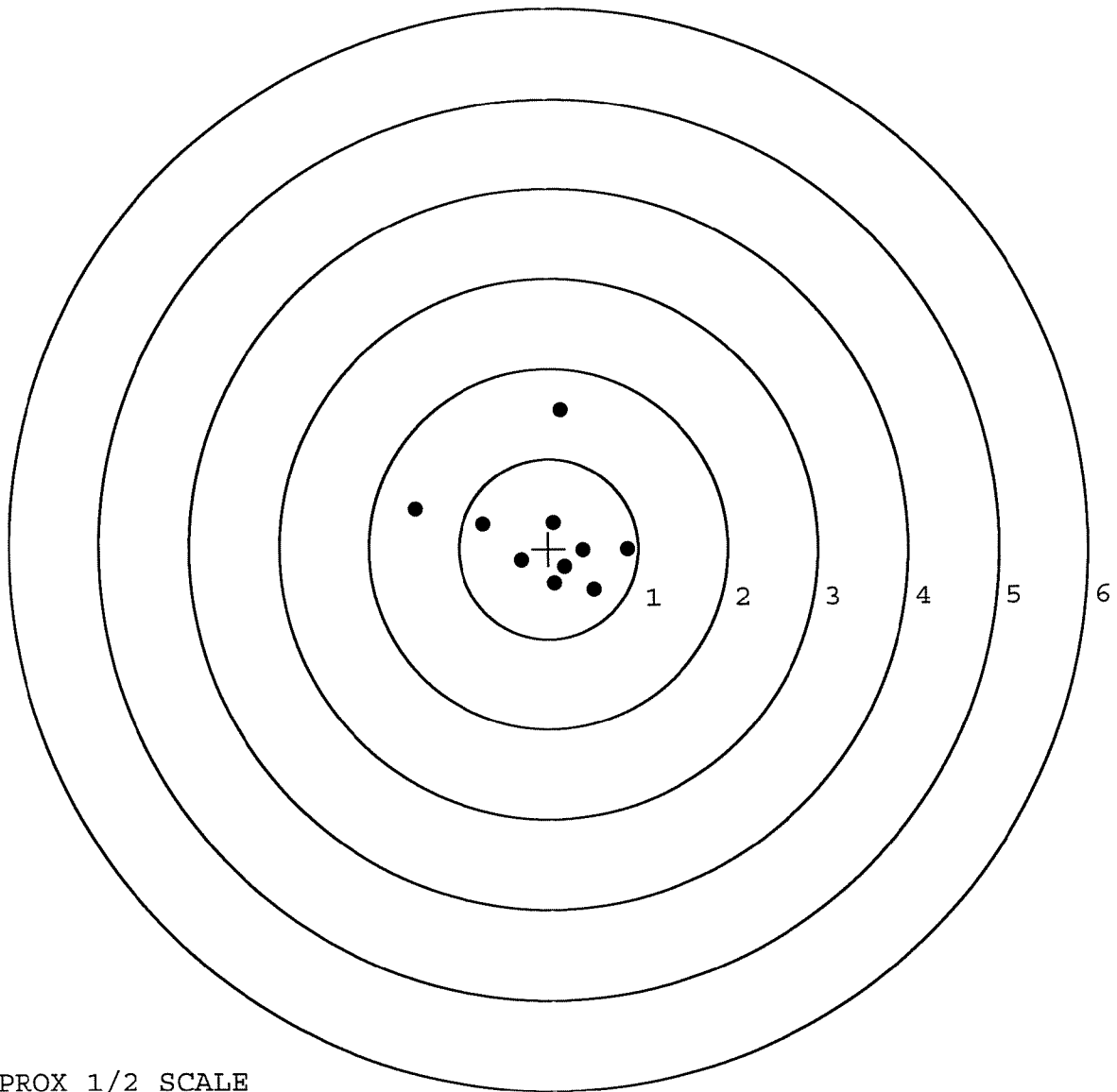
TARGET APPROX 1/2 SCALE

BARBER - M24 0177578

SERIAL NUMBER: G6693308. __0
TARGET NUMBER: 3
FILE DATE: 10/19/2007
FILE TIME: 13:10

X CENTROID: -0.029
Y CENTROID: 0.135
POA TO CENTROID: 0.138
HORZ SPREAD: 2.367
VERT SPREAD: 1.999
GROUP SPREAD: 2.413
MIN RADIUS: 0.178
MAX RADIUS: 1.486
MEAN RADIUS: 0.728
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.513	-0.454
2:	0.885	-0.020
3:	0.064	-0.385
4:	0.175	-0.204
5:	0.392	-0.021
6:	0.058	0.290
7:	0.140	1.545
8:	-0.727	0.279
9:	-1.482	0.447
10:	-0.305	-0.128



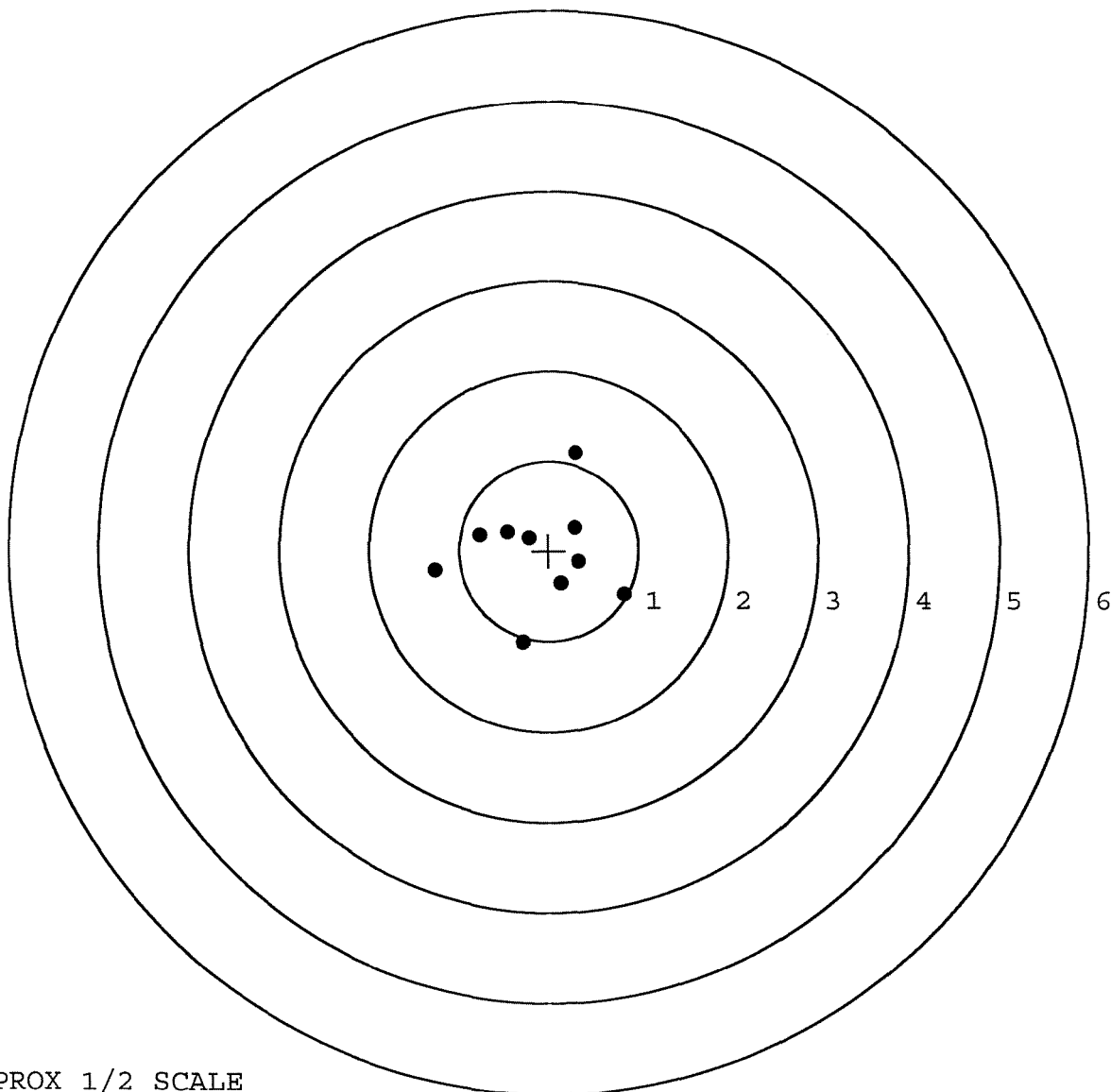
TARGET APPROX 1/2 SCALE

BARBER - M24 0177579

SERIAL NUMBER: G6693308. __0
 TARGET NUMBER: 4
 FILE DATE: 10/19/2007
 FILE TIME: 13:10

POINT#	X	Y
1:	-0.293	-1.019
2:	0.844	-0.484
3:	0.137	-0.360
4:	0.338	-0.119
5:	0.288	0.254
6:	0.303	1.091
7:	-0.223	0.143
8:	-0.462	0.210
9:	-0.768	0.179
10:	-1.268	-0.223

X CENTROID: -0.110
 Y CENTROID: -0.033
 POA TO CENTROID: 0.115
 HORZ SPREAD: 2.112
 VERT SPREAD: 2.110
 GROUP SPREAD: 2.193
 MIN RADIUS: 0.209
 MAX RADIUS: 1.197
 MEAN RADIUS: 0.711
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

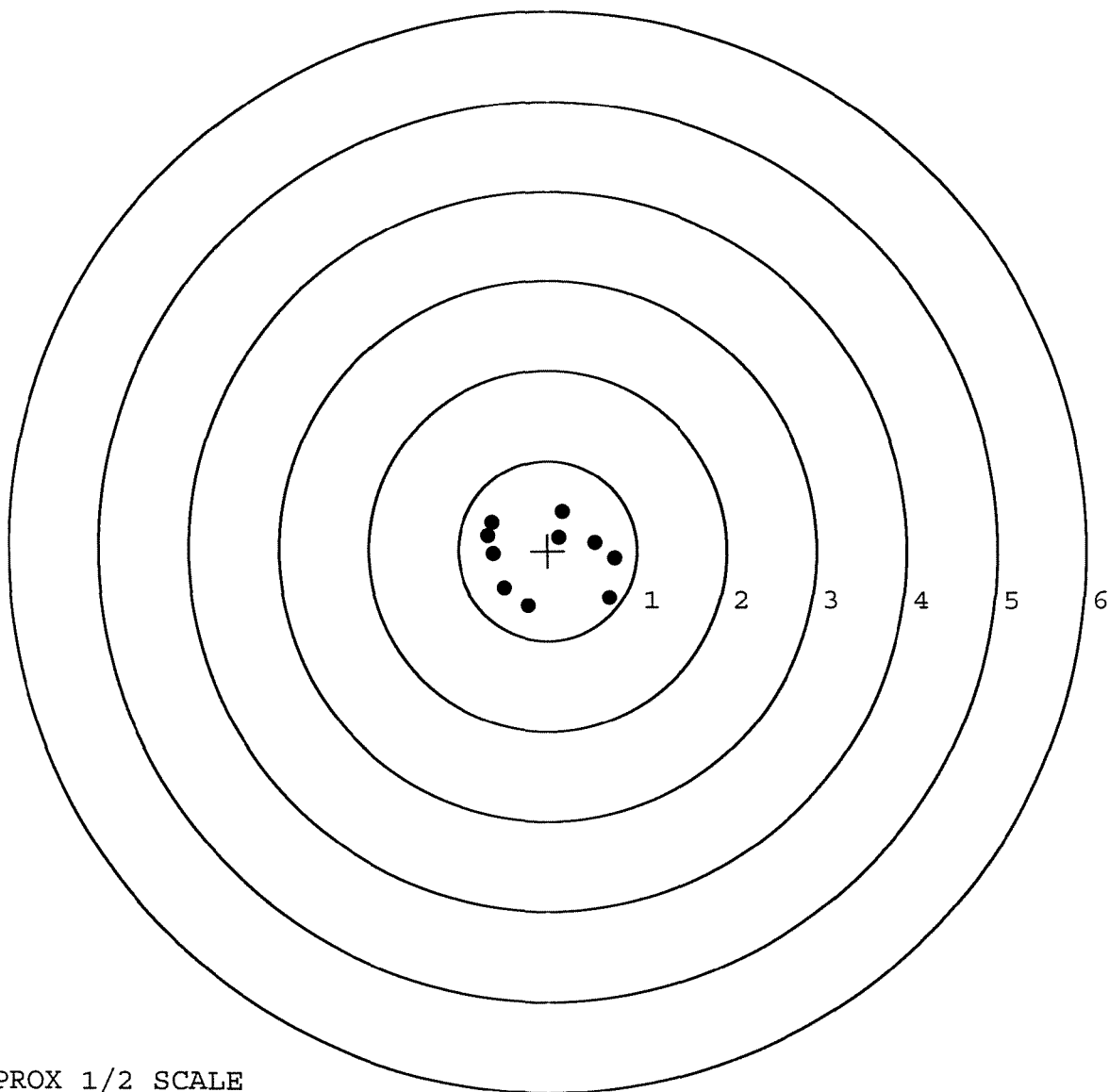
BARBER - M24 0177580

SERIAL NUMBER: G6693308. __0
TARGET NUMBER: 5
FILE DATE: 10/19/2007
FILE TIME: 13:10

X CENTROID: -0.035
Y CENTROID: -0.056
POA TO CENTROID: 0.066
HORZ SPREAD: 1.418
VERT SPREAD: 1.055
GROUP SPREAD: 1.563
MIN RADIUS: 0.259
MAX RADIUS: 0.871
MEAN RADIUS: 0.615

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

POINT#	X	Y
1:	0.695	-0.531
2:	0.748	-0.092
3:	0.531	0.089
4:	0.165	0.436
5:	0.123	0.149
6:	-0.622	0.310
7:	-0.612	-0.046
8:	-0.214	-0.619
9:	-0.492	-0.421
10:	-0.670	0.165



TARGET APPROX 1/2 SCALE