

BARBER - M24 0175738

G 6691398

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0175777

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

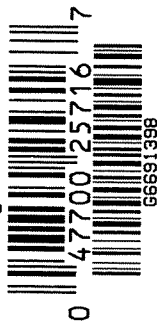
- INSTRUCTION BOOK 3518

BM FORM

proof of purchase



owner registration sticker



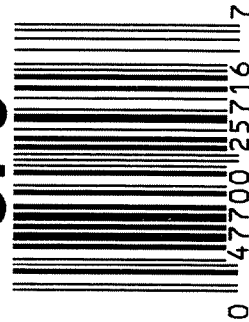
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6691398

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.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6691398

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-24-07	RJL
420	ASSEMBLE ACTION		9-24-07	RJL
430	ASSEMBLE TO STOCK		9-24-07	SD
440	PROOF		9/24/07	men
460	CHECK HEADSPACE		9/24/07	men
470	DIS-ASSEMBLE ACTION		9-24-07	SD
480	MAGNAFLUX BBL ACTION		9/25/07	unus
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-25-07	CW
510	DRILL AND TAP SIGHT HOLES		9-25-07	FM
520	GOFF BLAST BBL / REC		9-25-07	LS
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/28/07	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10-2-07	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-2-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-2-07	SD
	D) OIL FIRING PIN ASSEMBLY		10/3/07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE		10/2/07	men

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.5</u> <u>5.5</u> <u>5.5</u>	10-5-07	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.5</u> <u>4.5</u> <u>5.0</u>	10-5-07	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		10/12/07	mm
	I) FIRING PIN INDENT .020 MIN	<u>1023</u> <u>1023</u> <u>1022.5</u>	10-5-07	DA
	J) ASSEMBLE STOCK		10/3/07	RPD
	K) ASSEMBLE SWIVEL STUDS		10-5-07	DA
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10/12/07	mm
	M) IRON SIGHT ALIGNMENT		10/12/07	mm
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10/12/07	mm
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	10-4-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10-4-07	BWD
670	FINAL INSPECTION A) HEADSPACE		10/12/07	mm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.67</u> <u>2.39</u> <u>2.60</u> <u>2.69</u> <u>2.59</u>	10-5-07	DA
	C) FUNCTION		10/12/07	mm
690	PACK		10/13/07	DA

F004 REV 5/2006

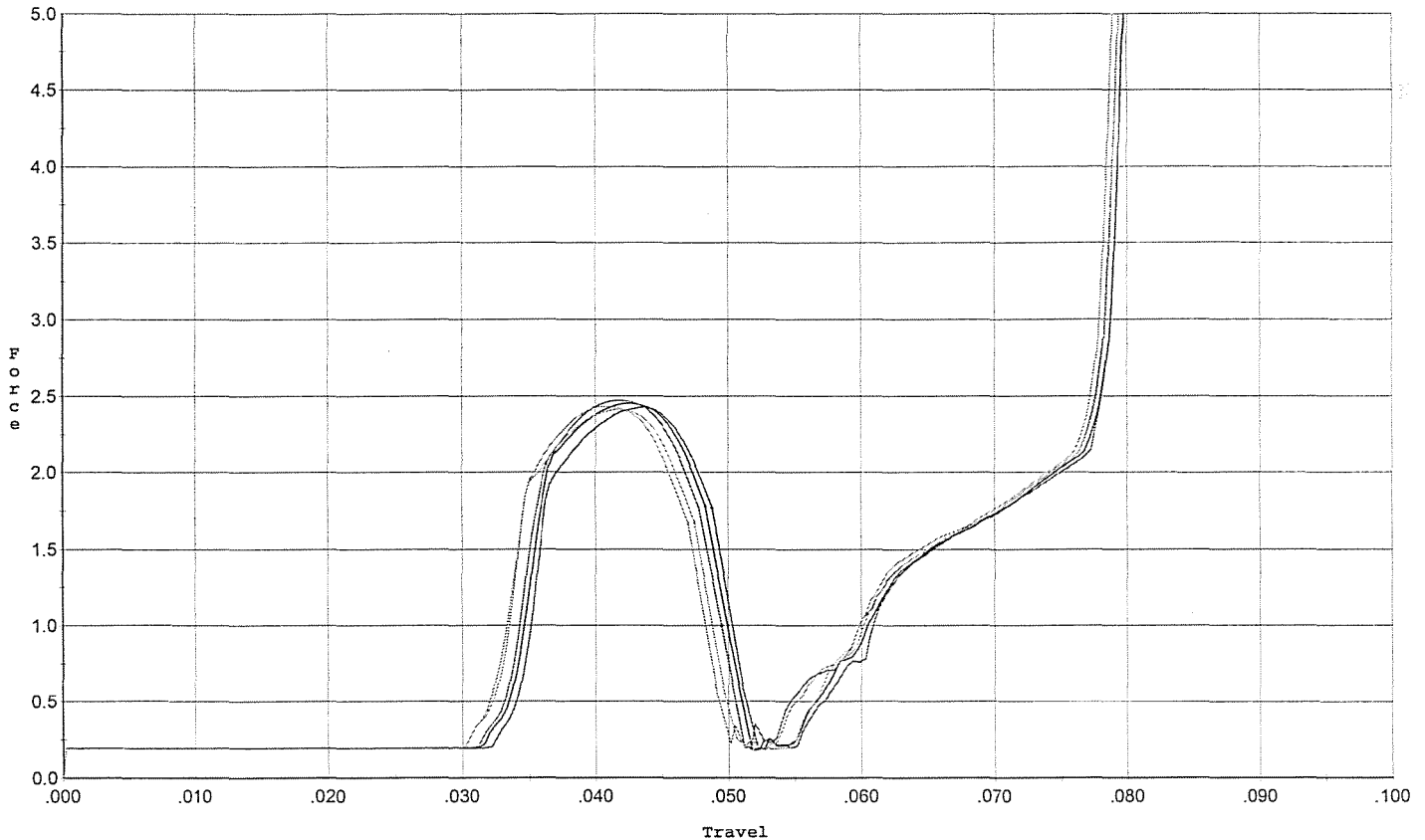
CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0175781

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 9/18/07

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



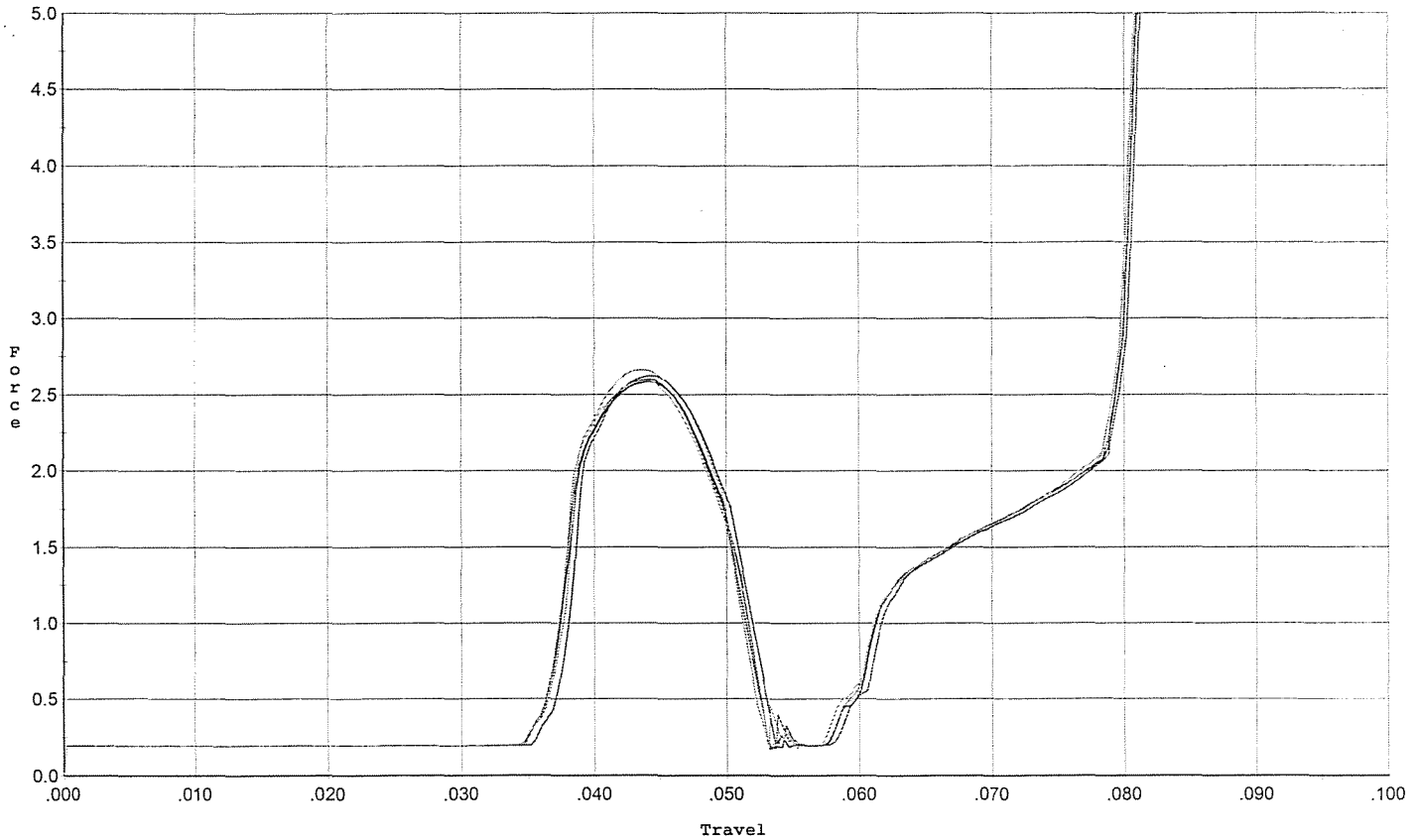
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.426	0.049	0.033	0.036	0.038		Set Trigger
2	2.454	0.048	0.032	0.036	0.038		Set Trigger
3	2.472	0.049	0.032	0.035	0.039		Set Trigger
4	2.412	0.047	0.031	0.036	0.038		Set Trigger
5	2.434	0.047	0.031	0.036	0.037		Set Trigger

Avg 2.44

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/18/07

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



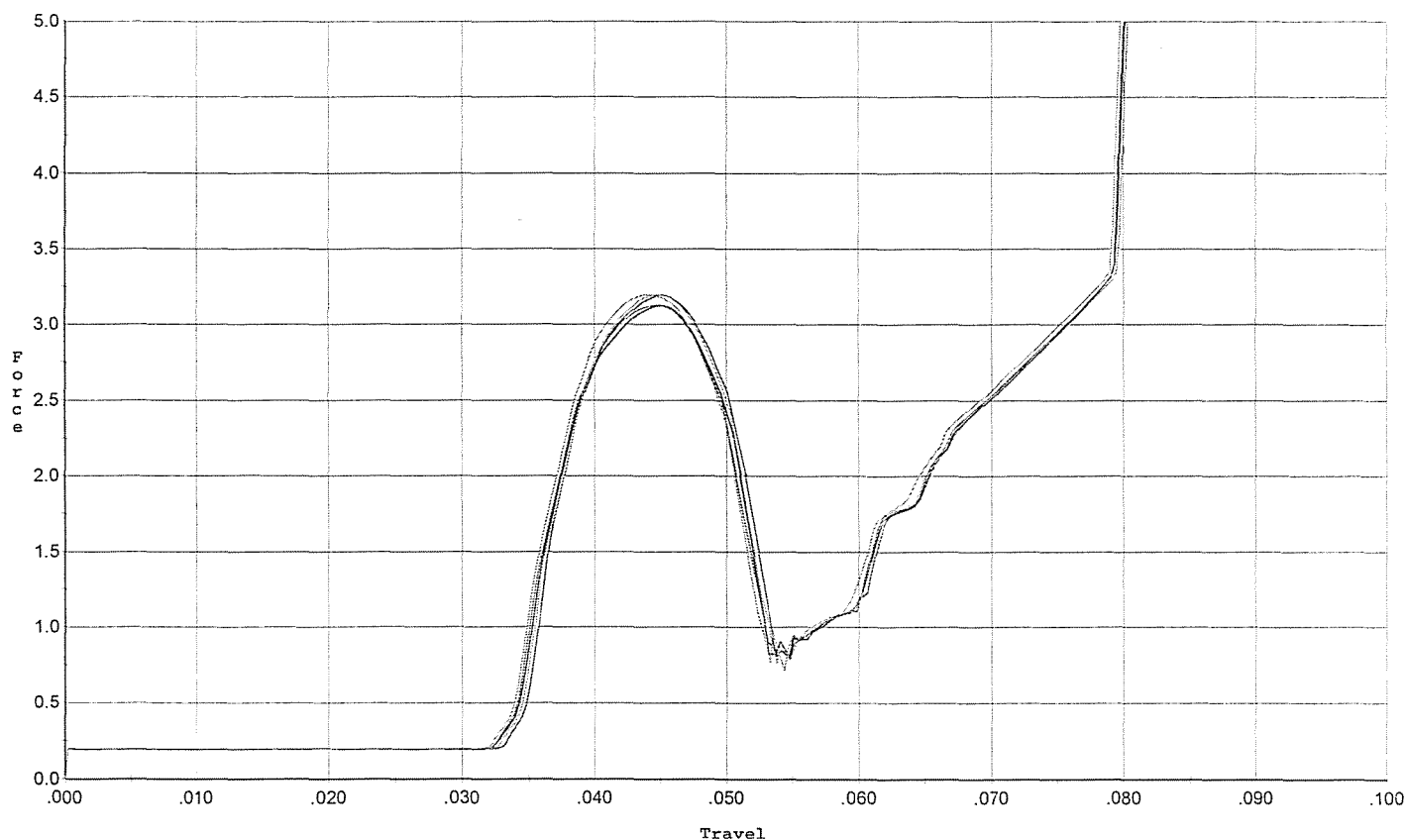
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.622	0.050	0.036	0.037	0.037		Set Trigger
2	2.585	0.051	0.035	0.037	0.038		Set Trigger
3	2.598	0.050	0.035	0.037	0.037		Set Trigger
4	2.660	0.051	0.035	0.037	0.039		Set Trigger
5	2.589	0.050	0.035	0.037	0.037		Set Trigger

Avg 2.61

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/18/07

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



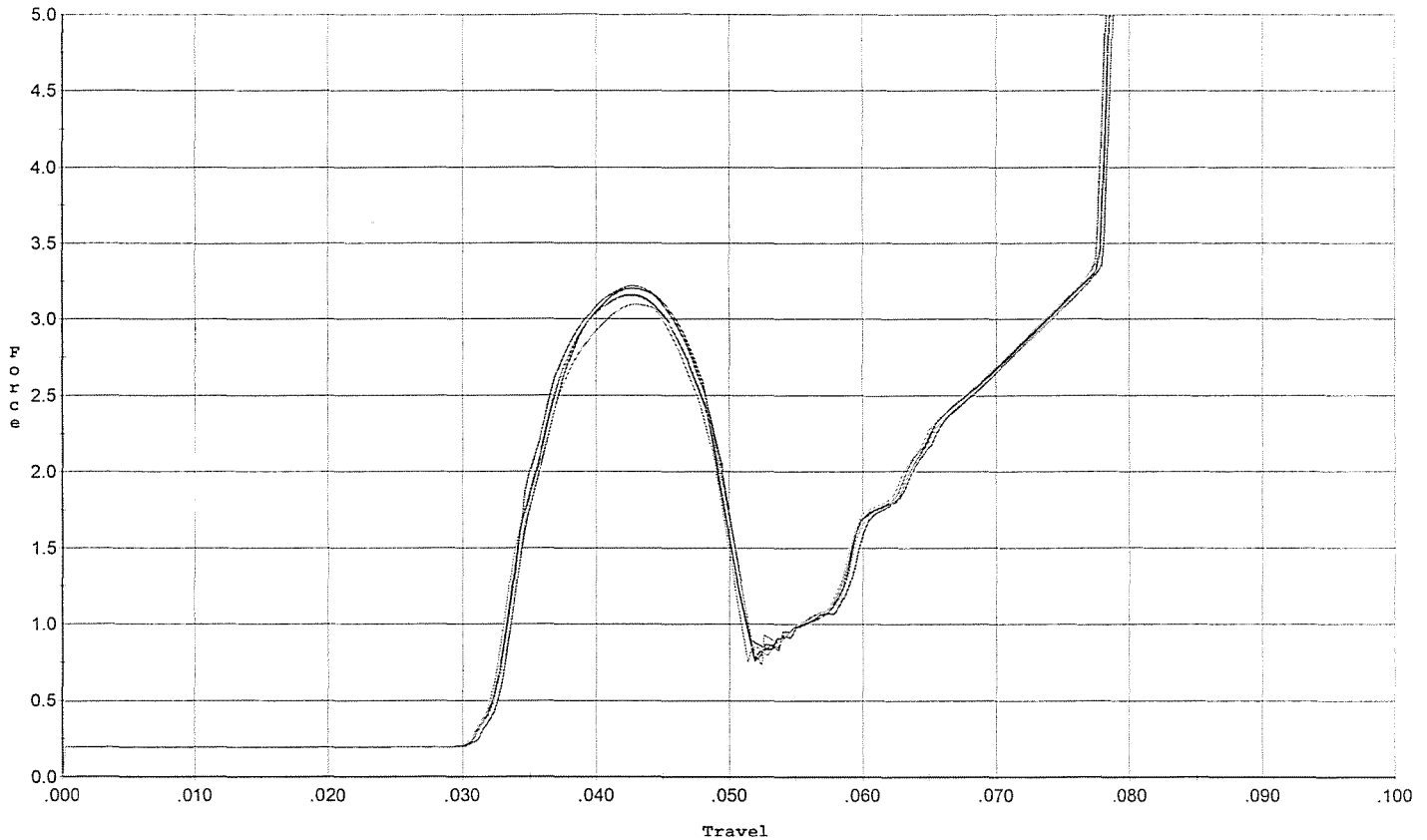
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.197	0.051	0.034	0.035	0.050		Set Trigger
2	3.128	0.051	0.034	0.035	0.049		Set Trigger
3	3.131	0.050	0.033	0.035	0.048		Set Trigger
4	3.199	0.050	0.034	0.035	0.049		Set Trigger
5	3.198	0.050	0.033	0.035	0.049		Set Trigger

Avg 3.17

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 9/18/07

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



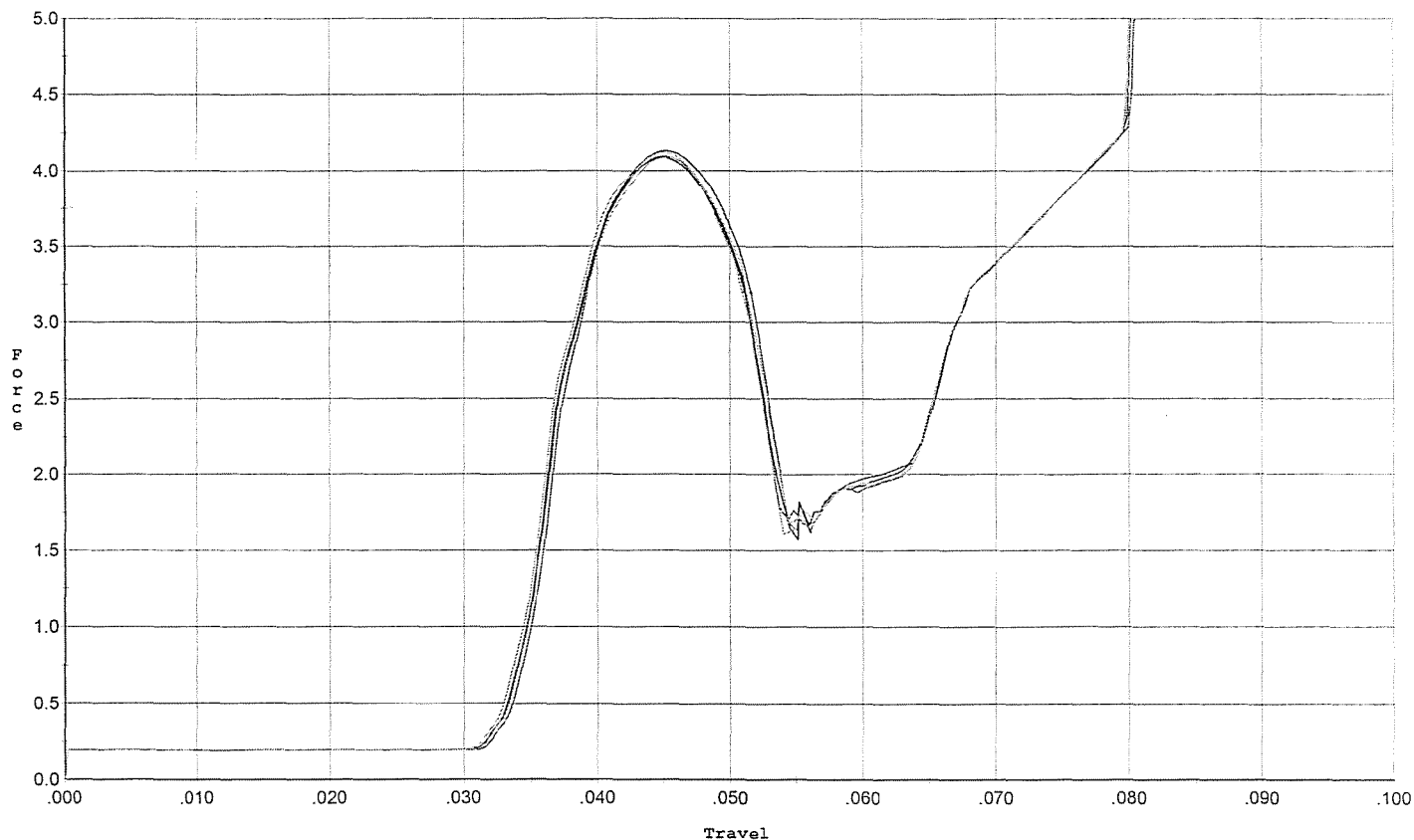
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.204	0.049	0.032	0.034	0.050		Set Trigger
2	3.161	0.048	0.031	0.034	0.049		Set Trigger
3	3.220	0.050	0.031	0.034	0.052		Set Trigger
4	3.101	0.050	0.031	0.034	0.050		Set Trigger
5	3.153	0.049	0.031	0.034	0.049		Set Trigger

AVG 3.16

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/18/07

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



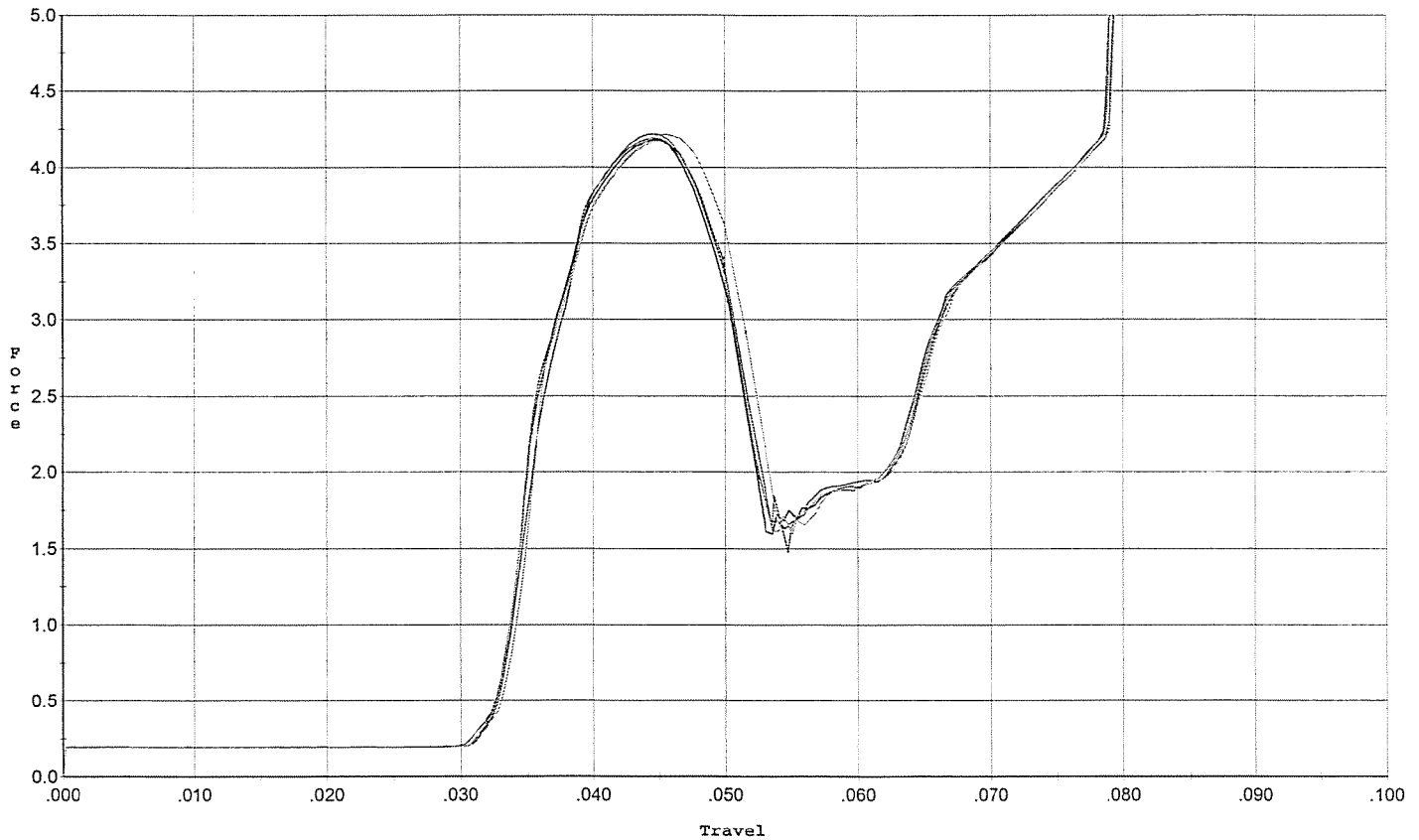
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.134	0.052	0.033	0.033	0.067		Set Trigger
2	4.092	0.051	0.032	0.033	0.066		Set Trigger
3	4.095	0.051	0.032	0.033	0.066		Set Trigger
4	4.091	0.052	0.032	0.033	0.068		Set Trigger
5	4.121	0.051	0.032	0.033	0.067		Set Trigger

Avg 4.10

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/18/07

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



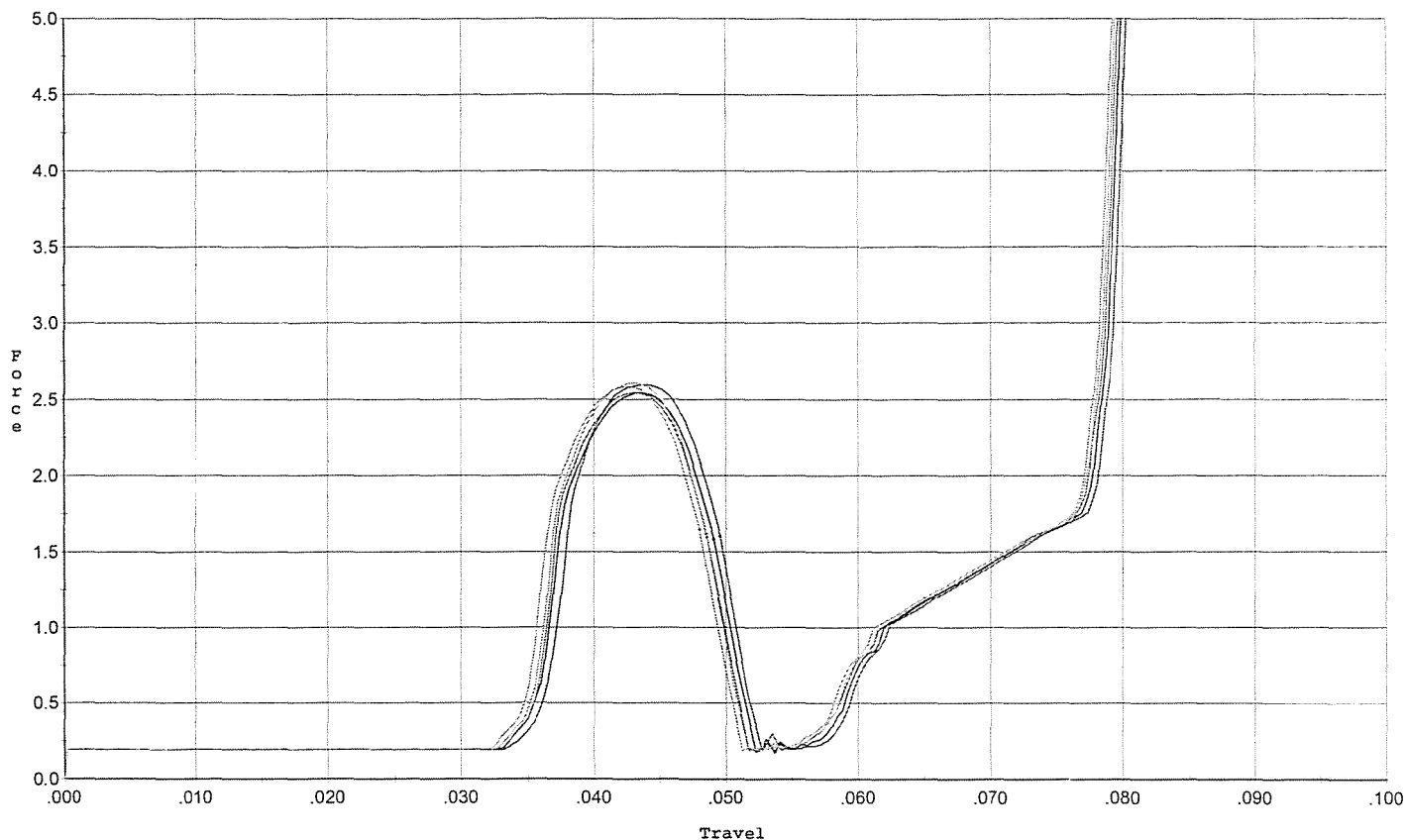
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.193	0.050	0.032	0.033	0.066		Set Trigger
2	4.180	0.050	0.032	0.033	0.067		Set Trigger
3	4.219	0.050	0.033	0.033	0.067		Set Trigger
4	4.172	0.050	0.032	0.033	0.066		Set Trigger
5	4.215	0.052	0.032	0.032	0.070		Set Trigger

Avg 4.19

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/18/07

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



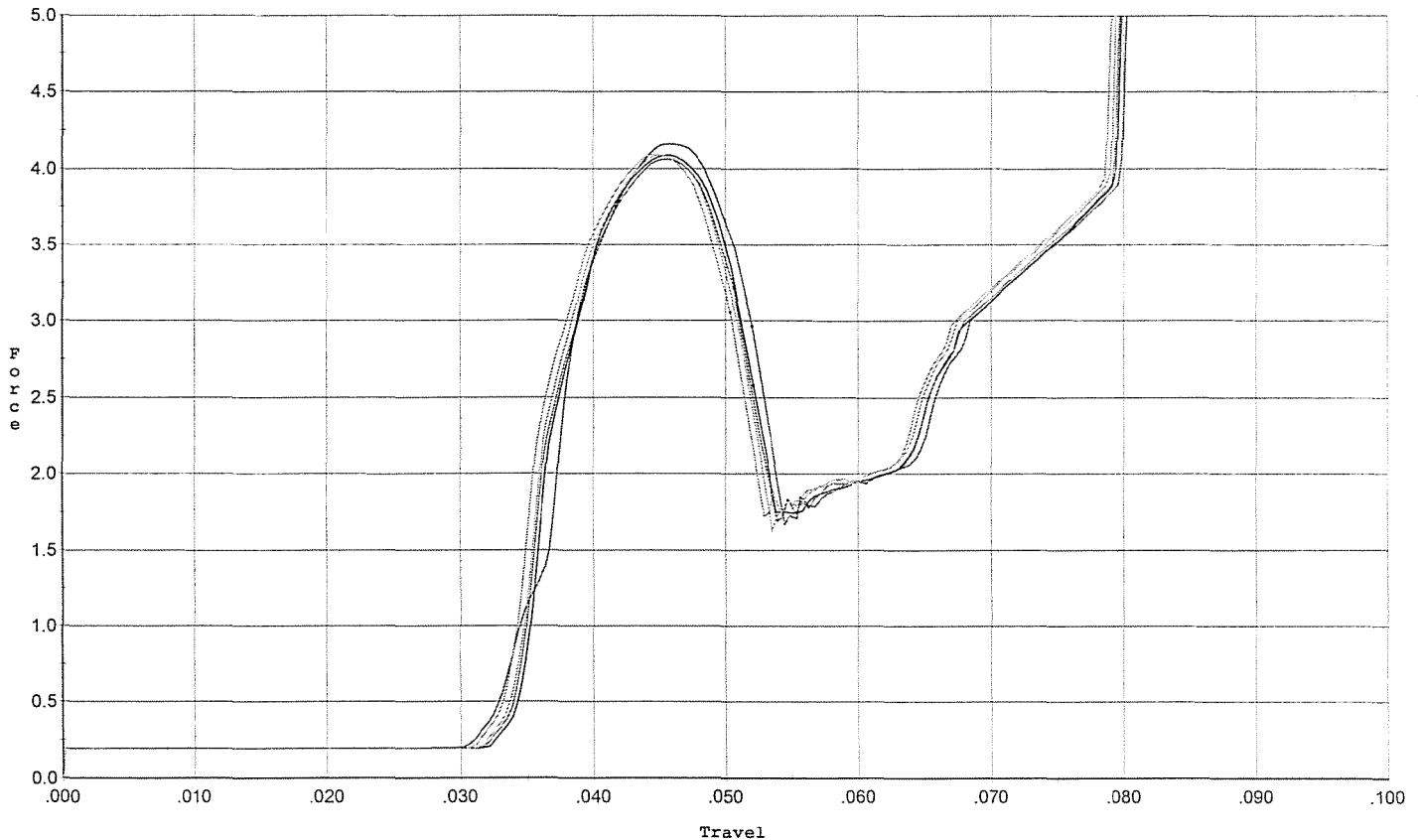
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.595	0.050	0.036	0.037	0.036		Set Trigger
2	2.544	0.049	0.035	0.037	0.036		Set Trigger
3	2.546	0.049	0.035	0.037	0.035		Set Trigger
4	2.607	0.049	0.035	0.037	0.036		Set Trigger
5	2.586	0.048	0.034	0.036	0.036		Set Trigger

Avg 2.57

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/18/07

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	0.052	0.033	0.033	0.067		Set Trigger
2	4.090	0.052	0.034	0.033	0.065		Set Trigger
3	4.062	0.051	0.034	0.033	0.063		Set Trigger
4	4.087	0.051	0.033	0.033	0.065		Set Trigger
5	4.089	0.050	0.033	0.033	0.064		Set Trigger

Avg 4.09

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6691398.___0
FILE DATE AND TIME: 10/05/2007 10:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

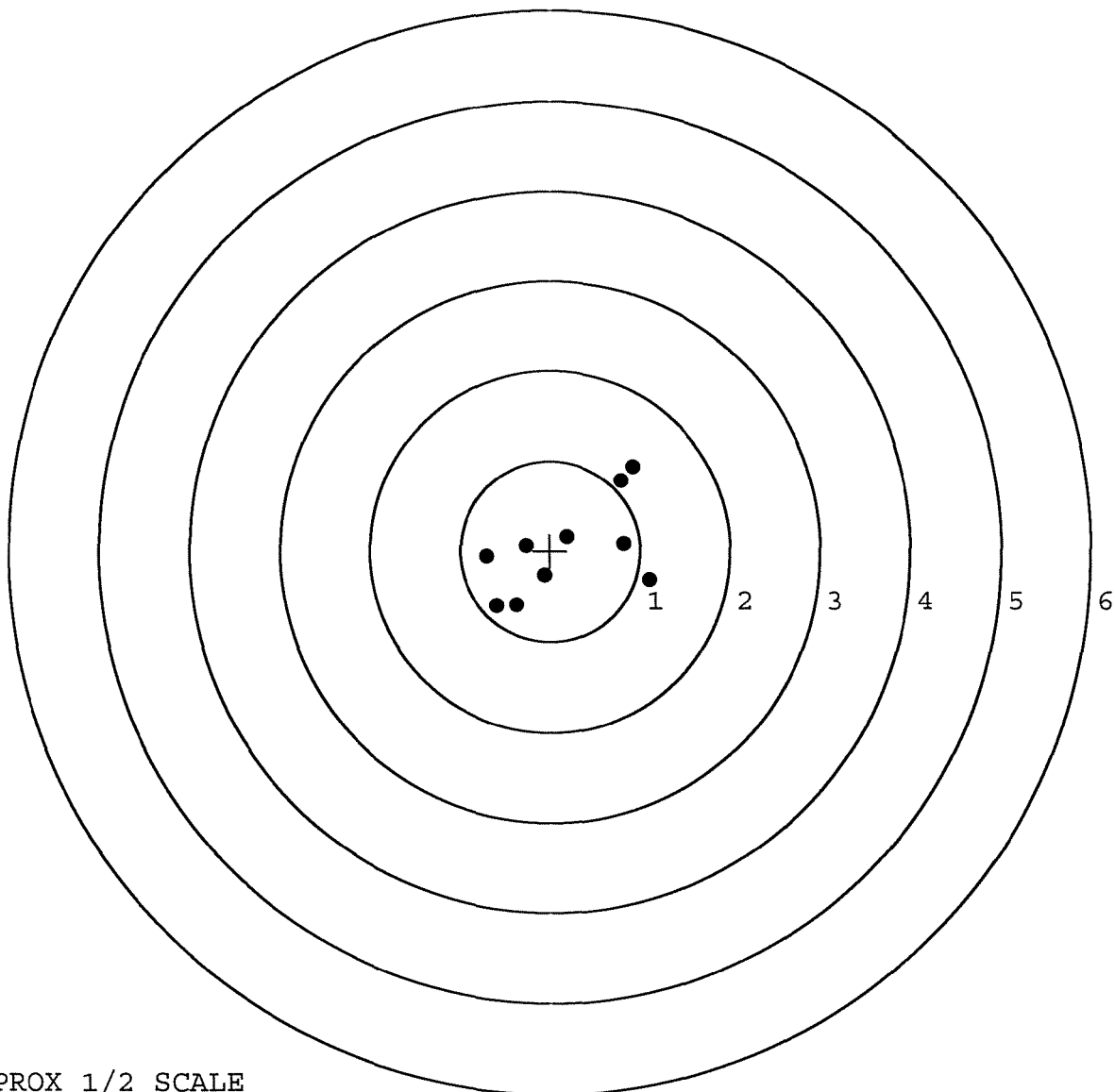
The Average X Centroid of the Five Target Set:	-0.057
The Average Y Centroid of the Five Target Set:	0.027
The Average Point of Impact of the Five Target Set:	0.063
The Average Mean Radius of the Five Target Set:	0.671
The Distance from POA to Centroid Target #1:	0.182
The Distance from Centroid Target #2 to Centroid Target #1:	0.457
The Distance from Centroid Target #3 to Centroid Target #1:	0.176
The Distance from Centroid Target #4 to Centroid Target #1:	0.365
The Distance from Centroid Target #5 to Centroid Target #1:	0.261

BARBER - M24 0175752

SERIAL NUMBER: G6691398. __0
TARGET NUMBER: 1
FILE DATE: 10/05/2007
FILE TIME: 10:32

POINT#	X	Y
1:	1.103	-0.325
2:	0.815	0.081
3:	0.925	0.939
4:	0.791	0.781
5:	0.182	0.156
6:	-0.060	-0.278
7:	-0.266	0.054
8:	-0.706	-0.063
9:	-0.374	-0.602
10:	-0.594	-0.608

X CENTROID: 0.182
Y CENTROID: 0.013
POA TO CENTROID: 0.182
HORZ SPREAD: 1.809
VERT SPREAD: 1.547
GROUP SPREAD: 2.168
MIN RADIUS: 0.143
MAX RADIUS: 1.187
MEAN RADIUS: 0.747
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



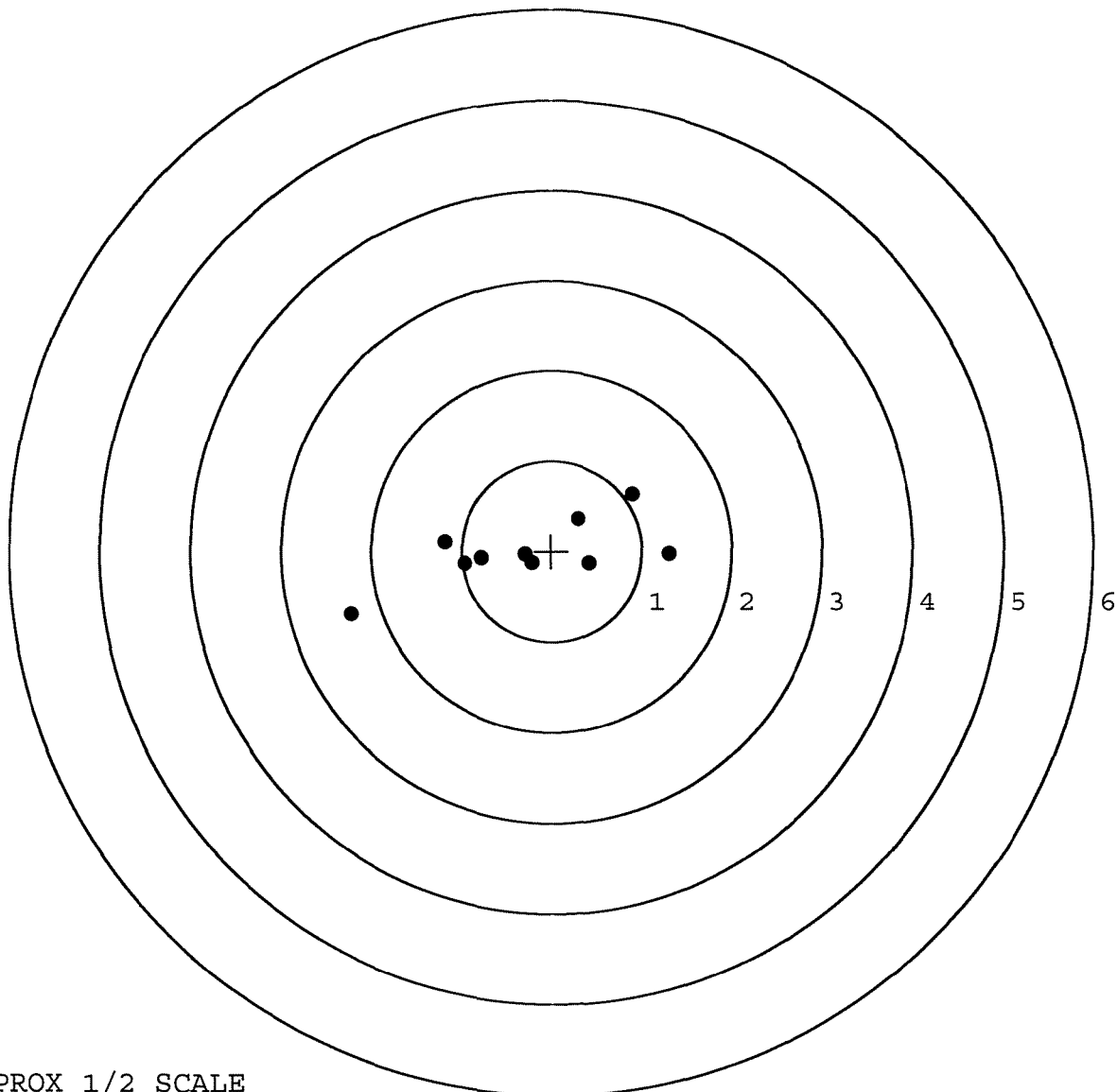
TARGET APPROX 1/2 SCALE

BARBER - M24 0175753

SERIAL NUMBER: G6691398. __0
TARGET NUMBER: 2
FILE DATE: 10/05/2007
FILE TIME: 10:32

POINT#	X	Y
1:	1.305	-0.031
2:	0.895	0.630
3:	0.296	0.355
4:	0.422	-0.133
5:	-0.216	-0.131
6:	-0.292	-0.034
7:	-0.776	-0.079
8:	-0.966	-0.143
9:	-1.188	0.095
10:	-2.228	-0.702

X CENTROID: -0.275
Y CENTROID: -0.017
POA TO CENTROID: 0.275
HORZ SPREAD: 3.533
VERT SPREAD: 1.332
GROUP SPREAD: 3.596
MIN RADIUS: 0.024
MAX RADIUS: 2.070
MEAN RADIUS: 0.865
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8



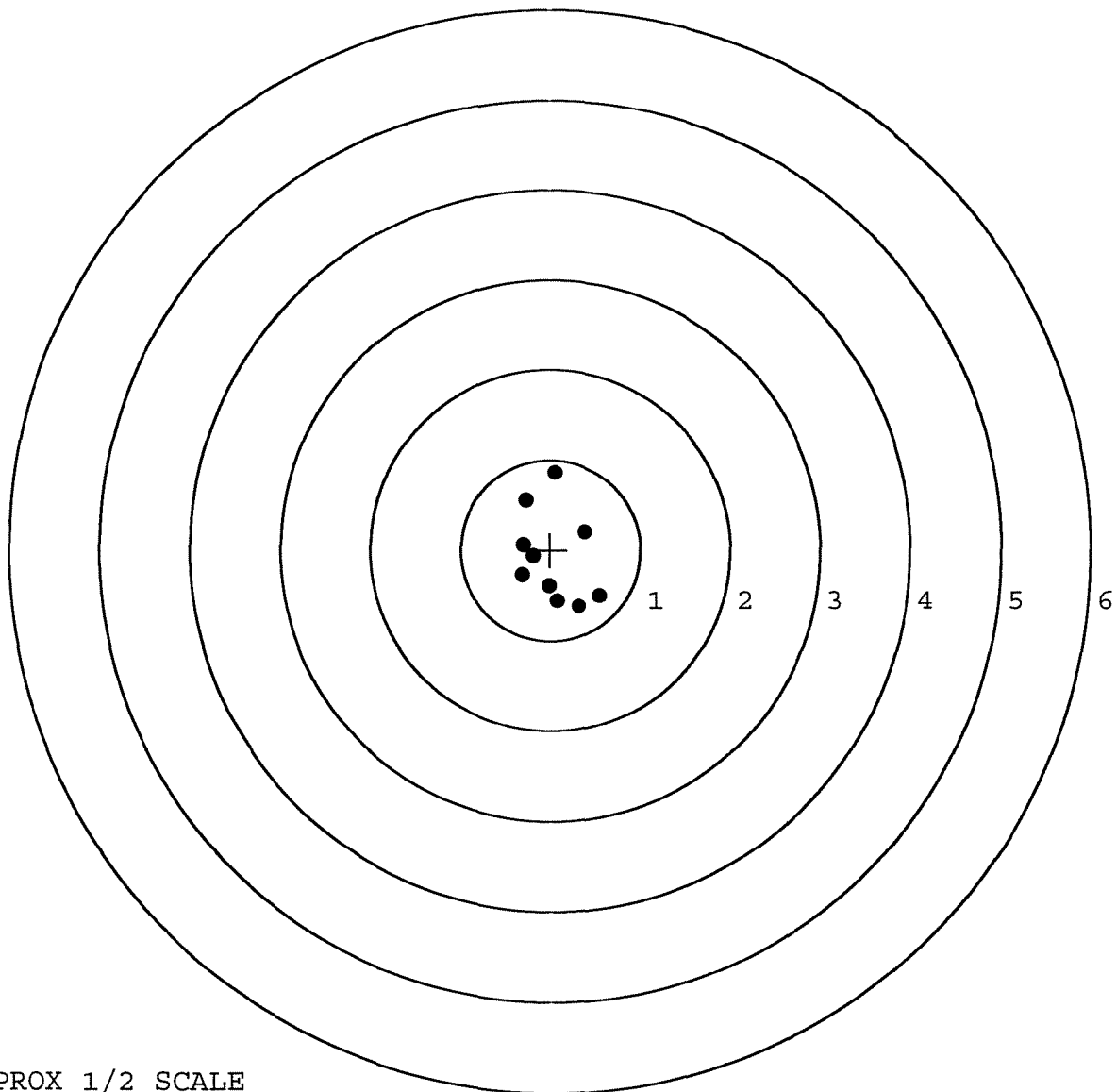
TARGET APPROX 1/2 SCALE

BARBER - M24 0175754

SERIAL NUMBER: G6691398. __0
TARGET NUMBER: 3
FILE DATE: 10/05/2007
FILE TIME: 10:32

	POINT#	X	Y
	1:	0.060	0.856
	2:	-0.267	0.552
	3:	0.386	0.205
	4:	0.547	-0.502
	5:	0.320	-0.625
	6:	0.077	-0.564
	7:	-0.017	-0.396
	8:	-0.309	-0.278
	9:	-0.189	-0.070
	10:	-0.299	0.057

X CENTROID: 0.031
Y CENTROID: -0.076
POA TO CENTROID: 0.083
HORZ SPREAD: 0.856
VERT SPREAD: 1.481
GROUP SPREAD: 1.504
MIN RADIUS: 0.220
MAX RADIUS: 0.933
MEAN RADIUS: 0.515
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



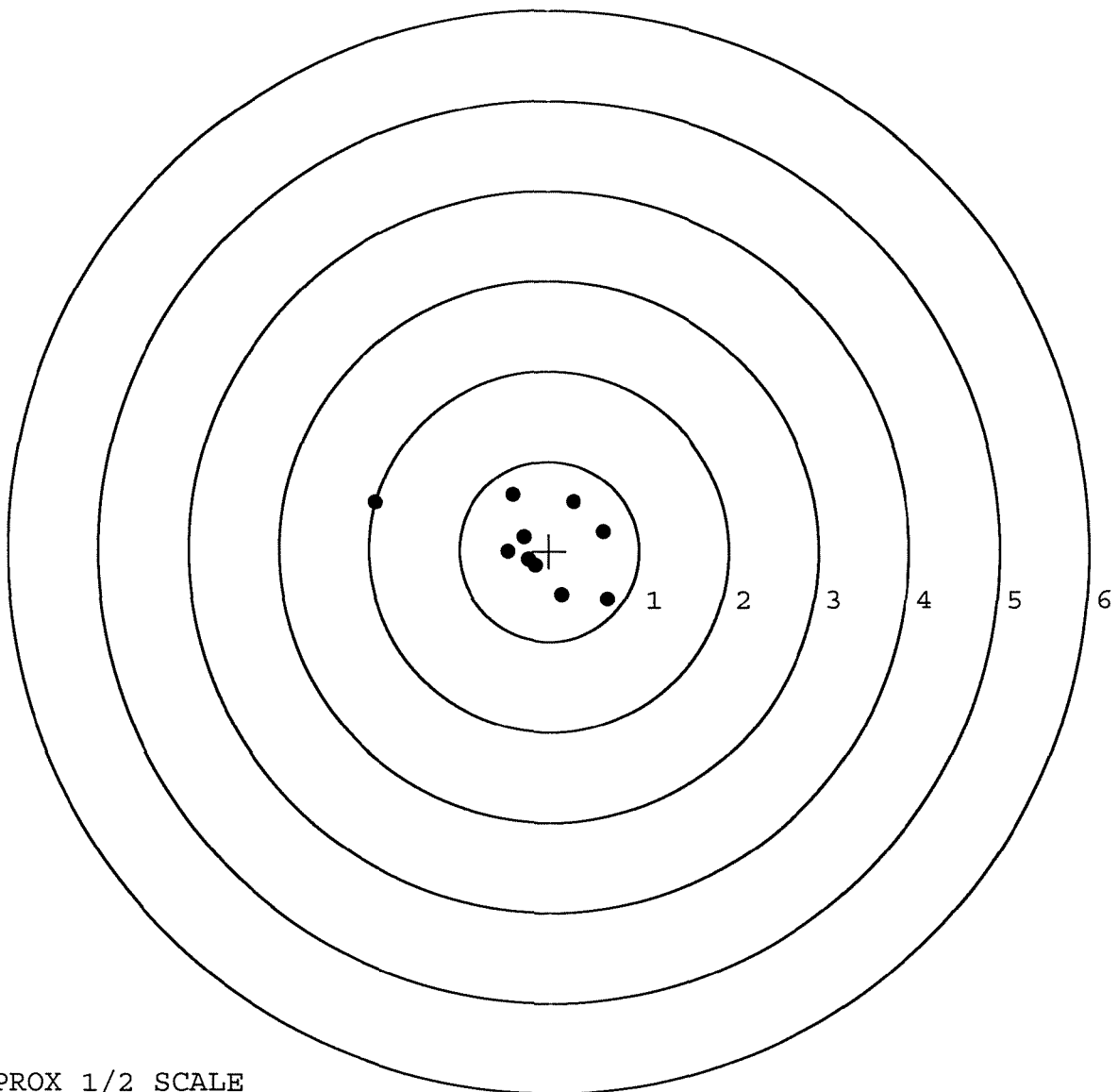
TARGET APPROX 1/2 SCALE

BARBER - M24 0175755

SERIAL NUMBER: G6691398. __0
TARGET NUMBER: 4
FILE DATE: 10/05/2007
FILE TIME: 10:32

X CENTROID: -0.178
Y CENTROID: 0.073
POA TO CENTROID: 0.192
HORZ SPREAD: 2.582
VERT SPREAD: 1.154
GROUP SPREAD: 2.794
MIN RADIUS: 0.121
MAX RADIUS: 1.813
MEAN RADIUS: 0.635
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.649	-0.540
2:	0.607	0.210
3:	0.275	0.544
4:	0.135	-0.492
5:	-0.158	-0.163
6:	-0.457	-0.019
7:	-0.274	0.147
8:	-0.396	0.614
9:	-0.229	-0.099
10:	-1.933	0.527



TARGET APPROX 1/2 SCALE

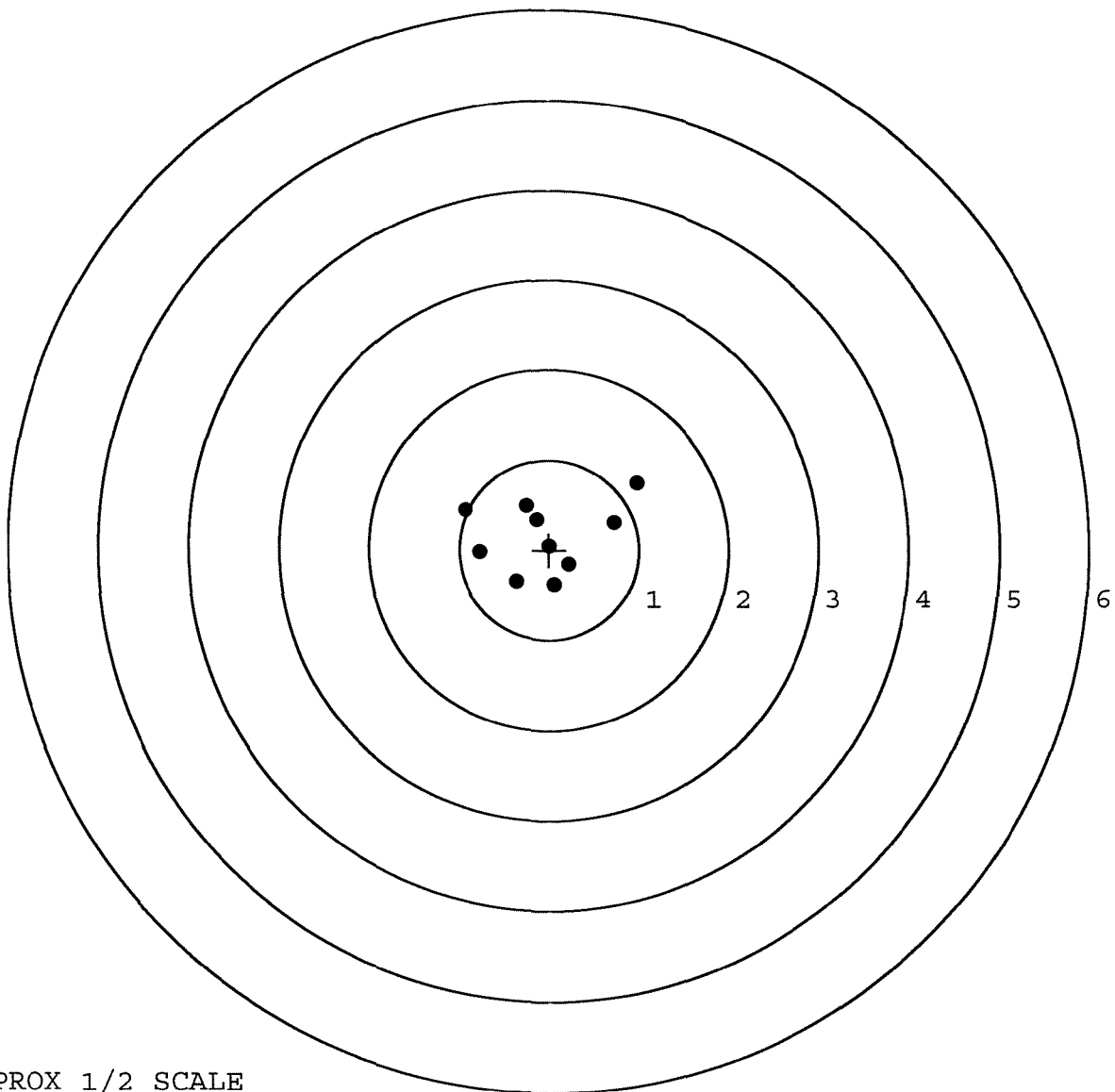
BARBER - M24 0175756

SERIAL NUMBER: G6691398. __0
TARGET NUMBER: 5
FILE DATE: 10/05/2007
FILE TIME: 10:32

X CENTROID: -0.046
Y CENTROID: 0.141
POA TO CENTROID: 0.149
HORZ SPREAD: 1.914
VERT SPREAD: 1.132
GROUP SPREAD: 1.937
MIN RADIUS: 0.108
MAX RADIUS: 1.192
MEAN RADIUS: 0.592

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.984	0.741
2:	0.727	0.300
3:	-0.251	0.489
4:	-0.139	0.334
5:	0.005	0.046
6:	0.216	-0.165
7:	0.055	-0.391
8:	-0.363	-0.359
9:	-0.768	-0.028
10:	-0.930	0.444



TARGET APPROX 1/2 SCALE