

BARBER - M24 0137831

18471979

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0137831~~ 137870

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

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



ORDER NO.

25716

BARREL LENGTH

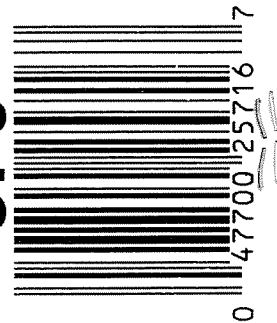
24"

CAPACITY

6

G6616381

UPC



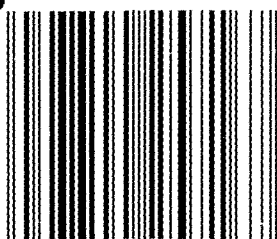
DD FORM

BARBER - M24 0137833

~~ORDER~~ 25716

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

UPC

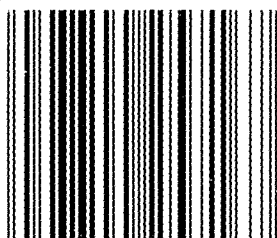


0 47700 25716 7

~~ORDER~~ 25716

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

UPC



0 47700 25716 7

SERIAL NO.



G6616381

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0137833 37872

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6616381

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		1-4-07	RTZ
420	ASSEMBLE ACTION		1-4-07	RTZ
430	ASSEMBLE TO STOCK		1-4-07	FM
440	PROOF		1-4-07	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	1-4-07	TRW
470	DIS-ASSEMBLE ACTION	JAN 08 2007	1-5-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	1-8-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		1-8-07	CW
510	DRILL AND TAP SIGHT HOLES		1-5-07	TRW
520	GOFF BLAST BBL / REC		1-8-07	RS
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		1/18/07	TB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		2-15-07	L.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		2-15-07	L.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		2-15-07	L.P.D.
	D) OIL FIRING PIN ASSEMBLY		2-15-07	L.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		3/1/07	mor

F004 REV 5/2006

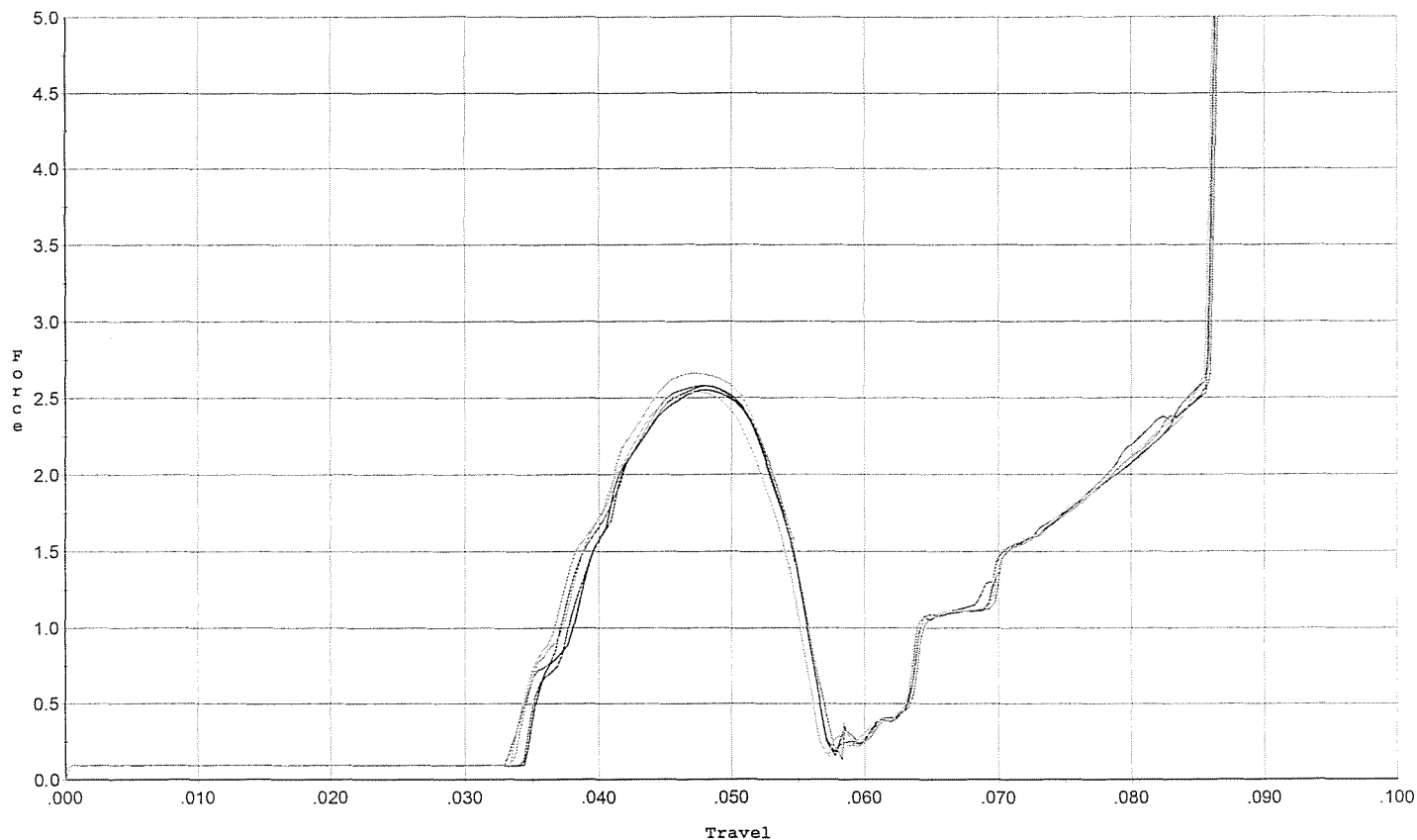
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>4⁵</u> <u>4⁵</u> <u>4⁵</u>	3/1/07	non
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2⁵</u> <u>2⁵</u> <u>2⁵</u>	3/1/07	non
	H) TRIGGER PULL TEST AND RETAINABILITY		3/1/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.024</u>	3/1/07	non
	J) ASSEMBLE STOCK		2/5/07	L.P.D.
	K) ASSEMBLE SWIVEL STUDS		3/1/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		3/9/07	non
	M) IRON SIGHT ALIGNMENT		3/9/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		3/9/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	2/22/07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		2-22-07	SD
670	FINAL INSPECTION A) HEADSPACE		3/1/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.86</u> <u>2.73</u> <u>2.41</u> <u>2.30</u> <u>2.74</u>	2-26-07	TRW
	C) FUNCTION		3/1/07	non
690	PACK		3-26-07	TRW

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/17/07

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



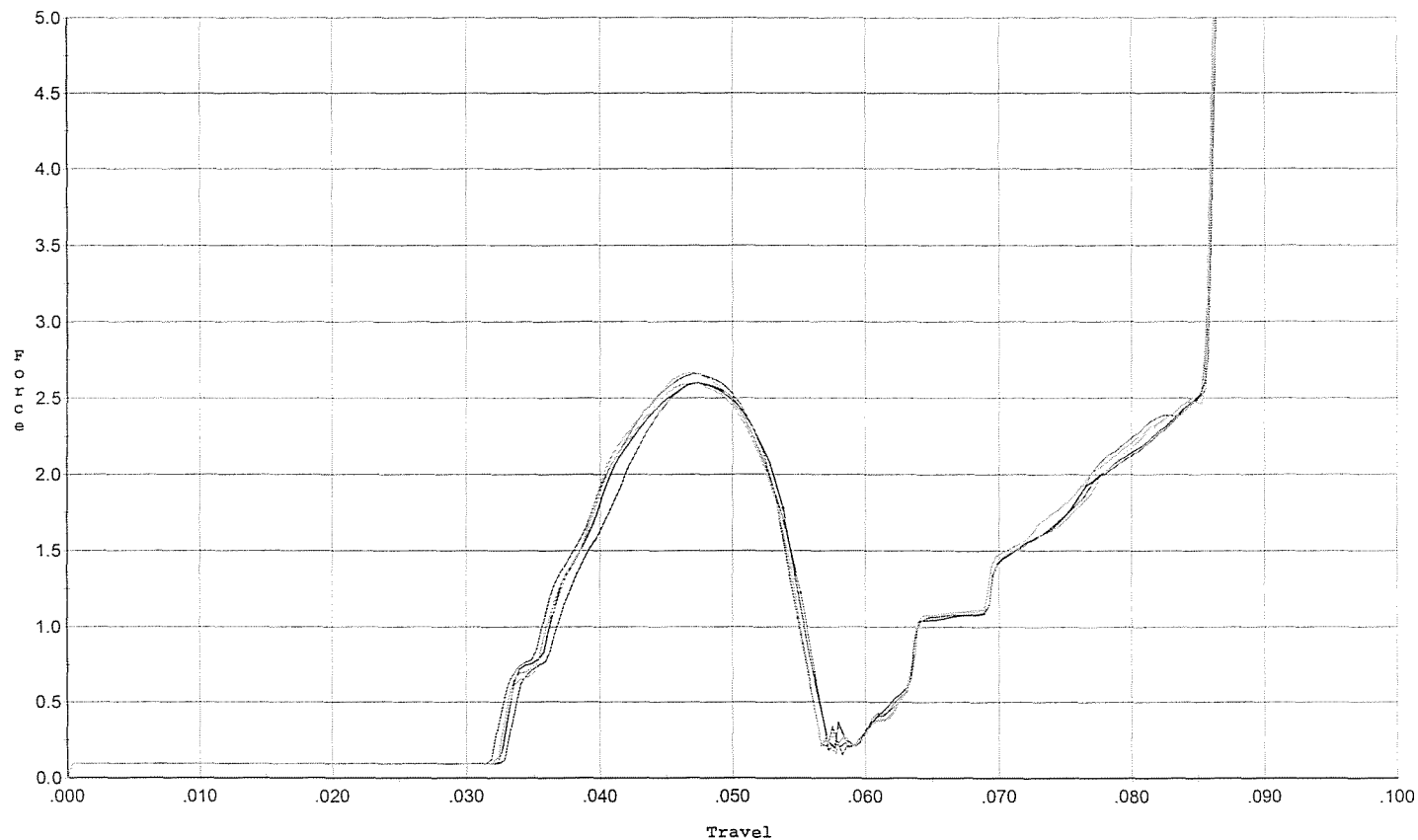
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.579	0.055	0.035	0.038	0.042		Set Trigger
2	2.553	0.055	0.035	0.038	0.041		Set Trigger
3	2.580	0.055	0.033	0.037	0.043		Set Trigger
4	2.537	0.054	0.034	0.038	0.042		Set Trigger
5	2.662	0.055	0.034	0.037	0.044		Set Trigger

AUG 2.58

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/17/07

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



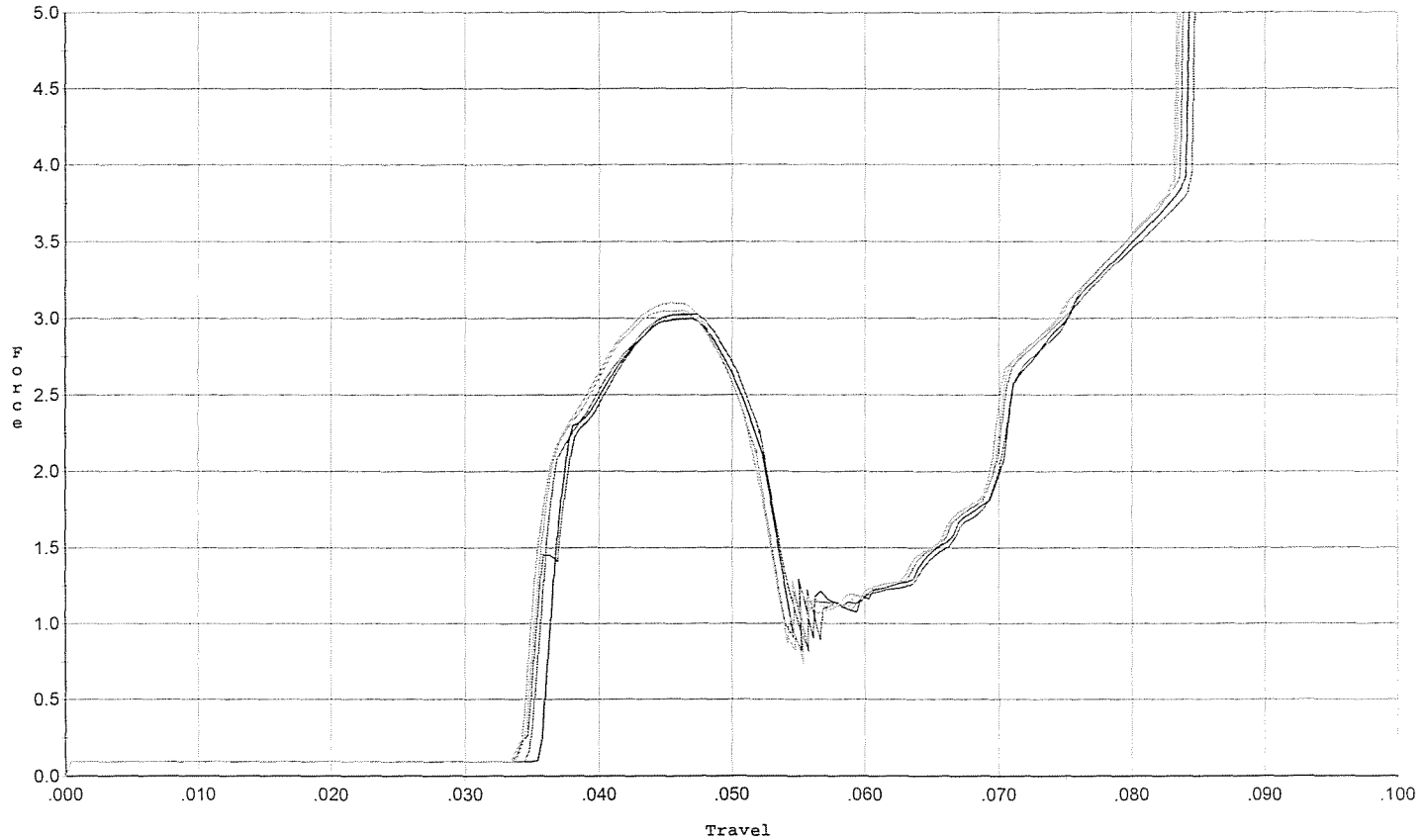
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.595	0.055	0.033	0.037	0.043		Set Trigger
2	2.597	0.054	0.033	0.037	0.044		Set Trigger
3	2.656	0.055	0.032	0.037	0.046		Set Trigger
4	2.666	0.054	0.033	0.037	0.045		Set Trigger
5	2.599	0.054	0.033	0.037	0.044		Set Trigger

Aug 2.62

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/17/07

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



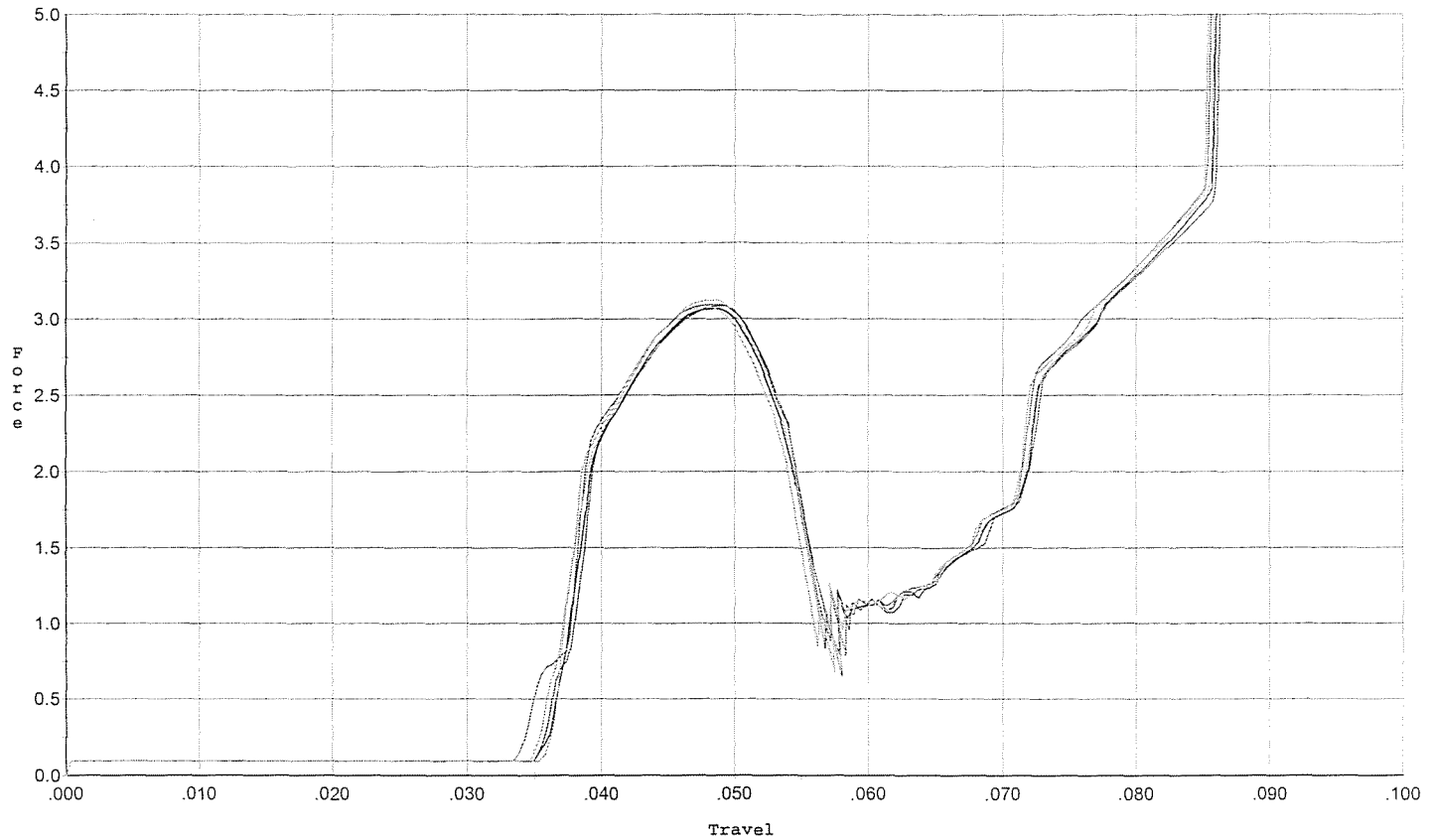
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.025	0.052	0.034	0.037	0.048		Set Trigger
2	3.000	0.052	0.036	0.037	0.046		Set Trigger
3	3.031	0.052	0.035	0.036	0.047		Set Trigger
4	3.052	0.052	0.034	0.036	0.048		Set Trigger
5	3.104	0.052	0.034	0.036	0.049		Set Trigger

Avg 3.10

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/17/07

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



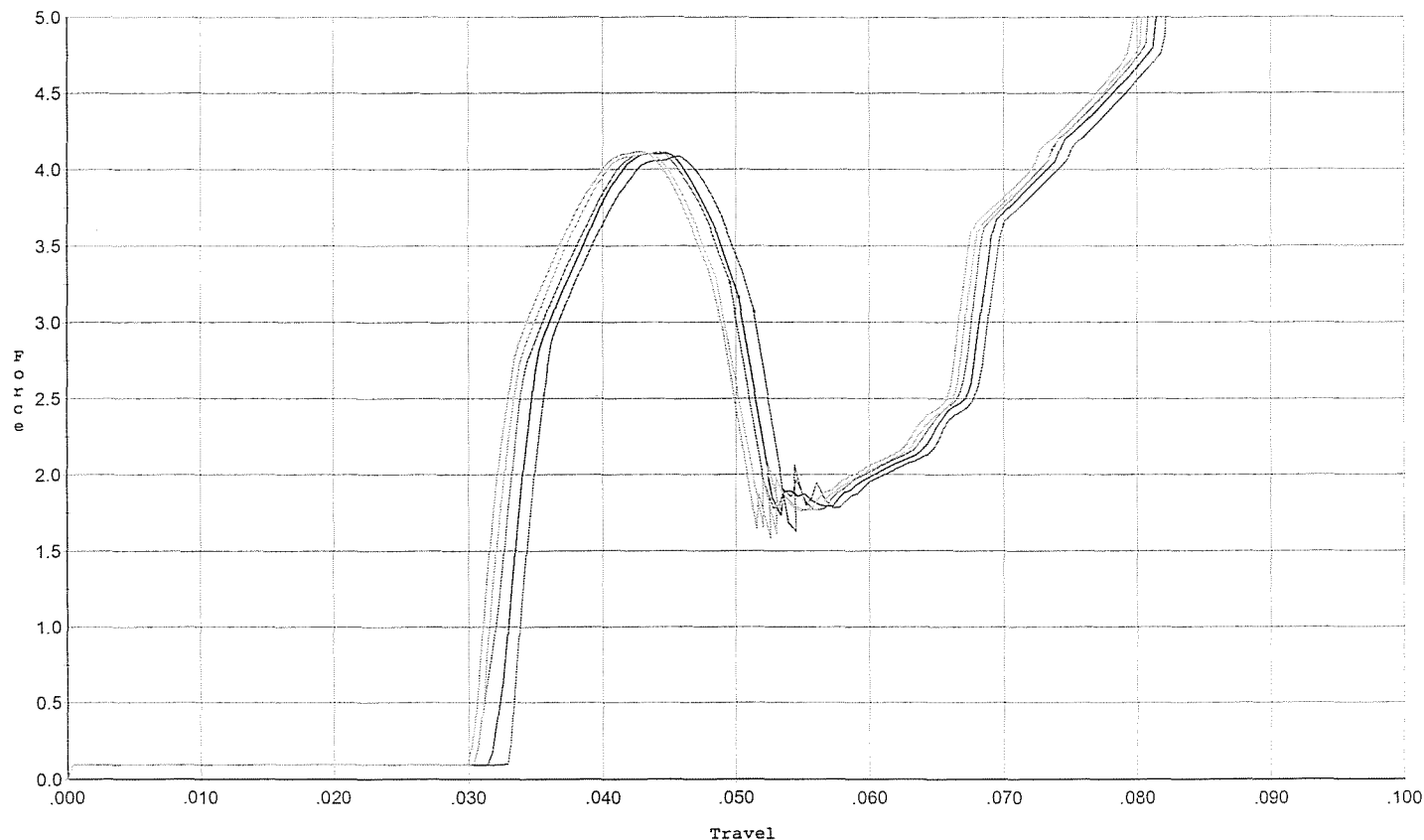
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.086	0.054	0.035	0.037	0.049		Set Trigger
2	3.067	0.055	0.035	0.037	0.049		Set Trigger
3	3.096	0.054	0.034	0.036	0.051		Set Trigger
4	3.128	0.054	0.036	0.037	0.050		Set Trigger
5	3.076	0.054	0.035	0.037	0.049		Set Trigger

Aug 3.09

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/17/07

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



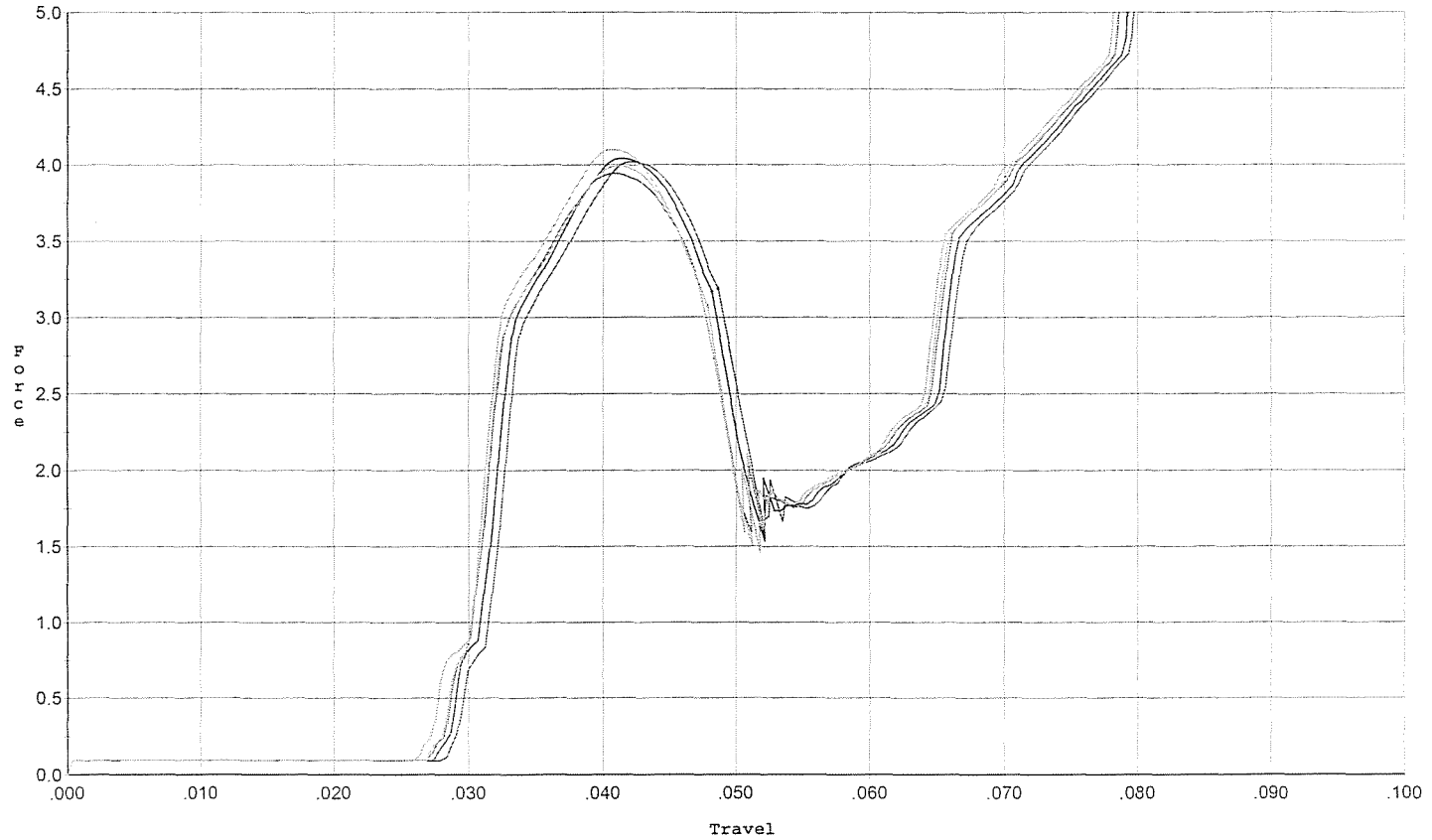
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.083	0.051	0.033	0.034	0.066		Set Trigger
2	4.109	0.050	0.032	0.034	0.066		Set Trigger
3	4.115	0.050	0.031	0.033	0.066		Set Trigger
4	4.101	0.050	0.031	0.033	0.067		Set Trigger
5	4.117	0.049	0.030	0.033	0.067		Set Trigger

Aug 4.10

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/17/07

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



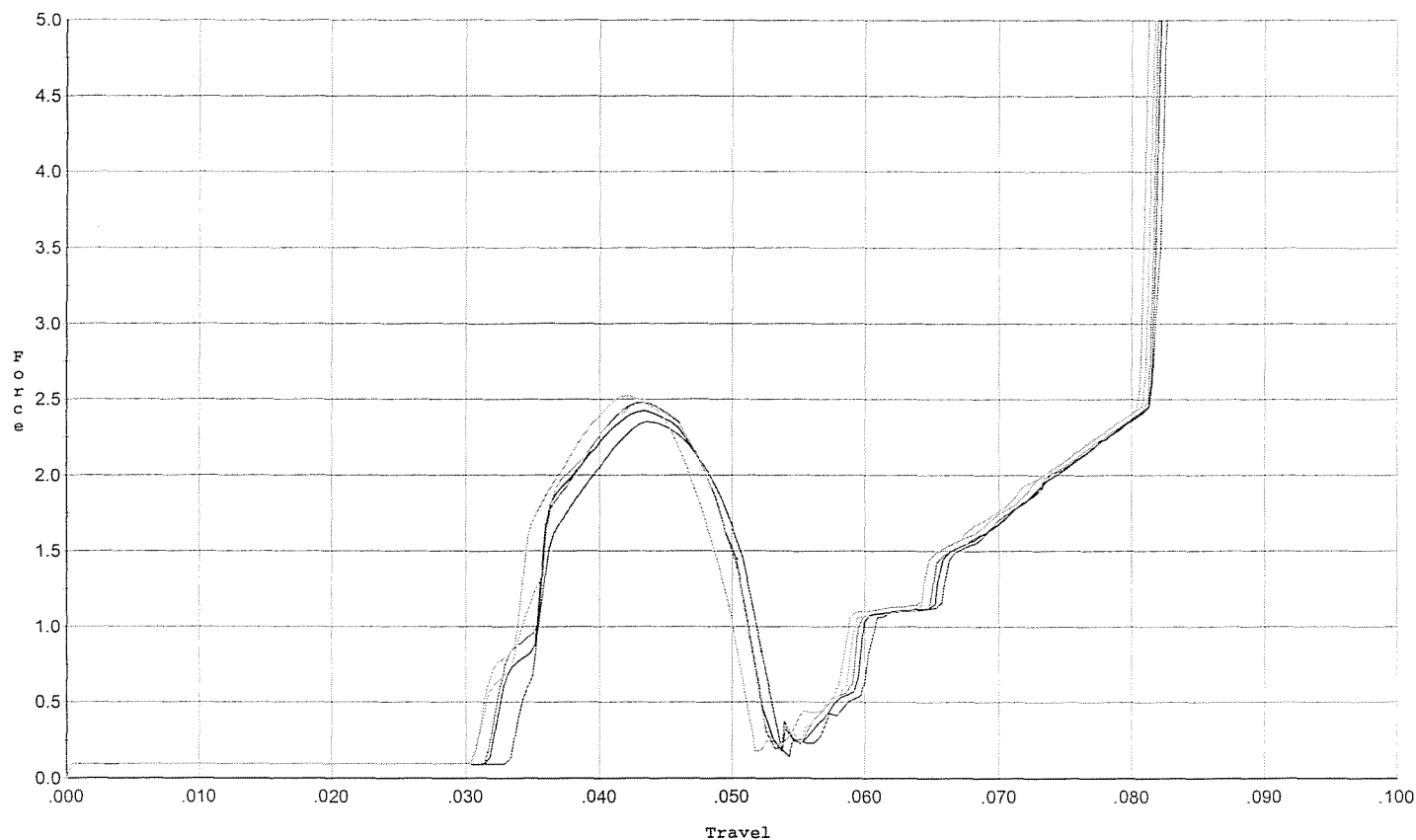
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.018	0.049	0.029	0.033	0.065		Set Trigger
2	4.041	0.048	0.028	0.032	0.065		Set Trigger
3	3.945	0.048	0.028	0.032	0.065		Set Trigger
4	3.991	0.048	0.027	0.032	0.065		Set Trigger
5	4.099	0.048	0.027	0.032	0.068		Set Trigger

AVG 4.01

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/17/07

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



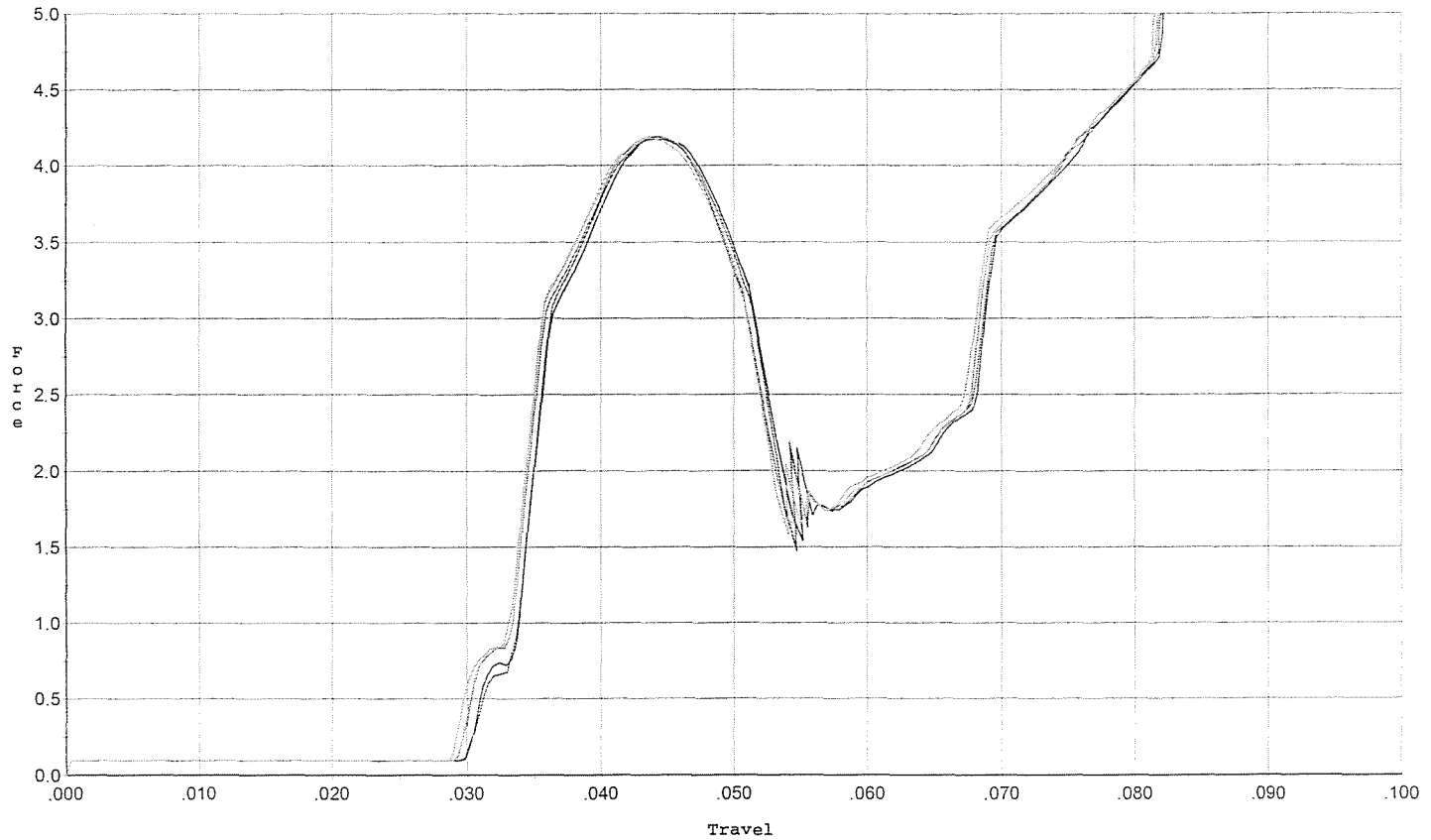
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.350	0.052	0.034	0.037	0.037		Set Trigger
2	2.423	0.050	0.032	0.037	0.037		Set Trigger
3	2.479	0.050	0.032	0.036	0.038		Set Trigger
4	2.475	0.050	0.031	0.036	0.038		Set Trigger
5	2.523	0.050	0.031	0.037	0.038		Set Trigger

Aug 2.45

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/17/07

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	4.171	0.051	0.030	0.034	0.068		Set Trigger
2	4.185	0.051	0.030	0.034	0.068		Set Trigger
3	4.191	0.051	0.030	0.034	0.068		Set Trigger
4	4.196	0.051	0.030	0.034	0.069		Set Trigger
5	4.180	0.051	0.029	0.034	0.069		Set Trigger

Aug 4.18

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6616381.___0
FILE DATE AND TIME: 02/22/2007 23:05

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

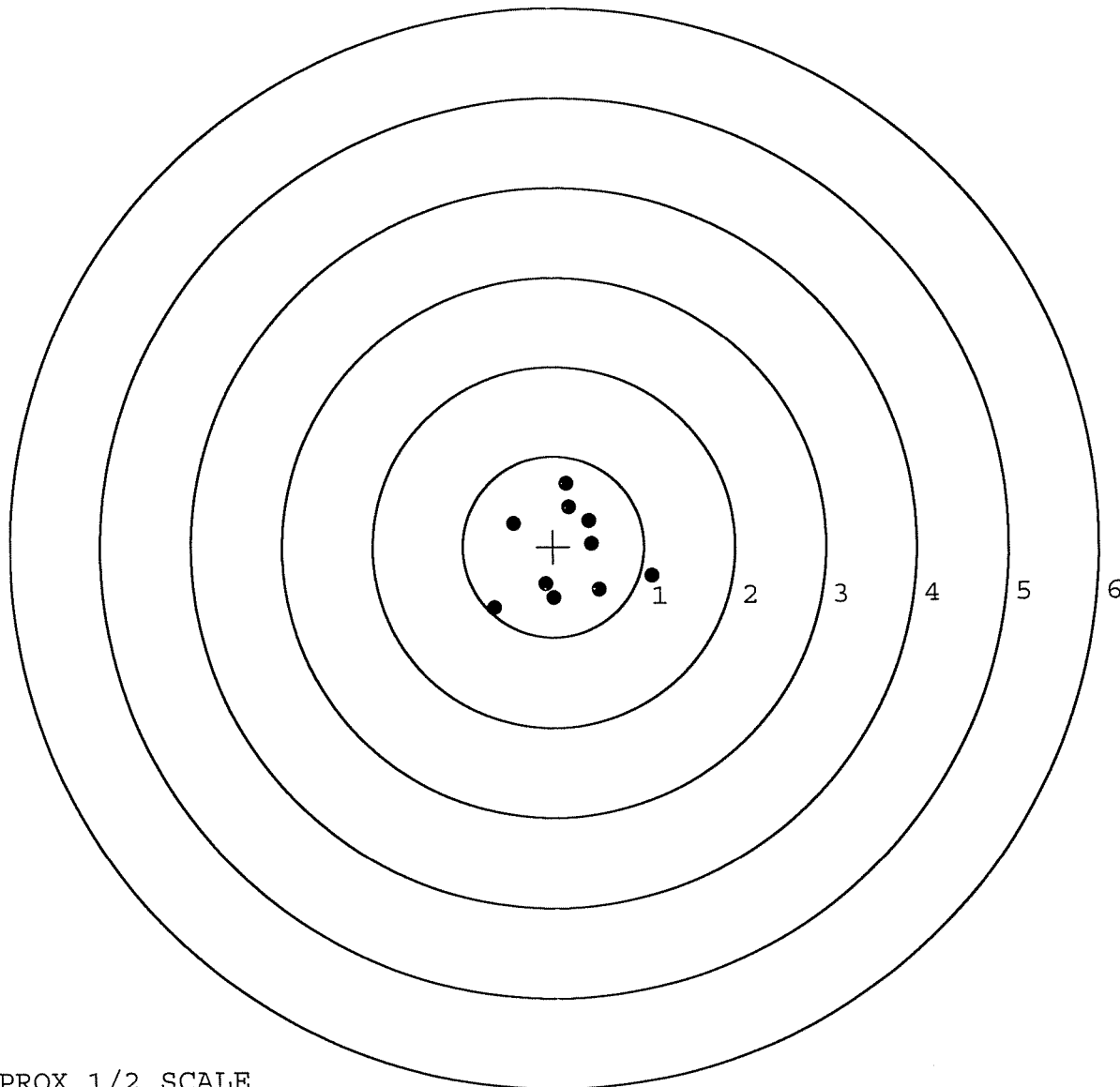
The Average X Centroid of the Five Target Set:	0.029
The Average Y Centroid of the Five Target Set:	0.106
The Average Point of Impact of the Five Target Set:	0.110
The Average Mean Radius of the Five Target Set:	0.601
The Distance from POA to Centroid Target #1:	0.173
The Distance from Centroid Target #2 to Centroid Target #1:	0.229
The Distance from Centroid Target #3 to Centroid Target #1:	0.383
The Distance from Centroid Target #4 to Centroid Target #1:	0.398
The Distance from Centroid Target #5 to Centroid Target #1:	0.160

BARBER - M24 0137845

SERIAL NUMBER: G6616381. __0
 TARGET NUMBER: 1
 FILE DATE: 02/22/2007
 FILE TIME: 23:05

X CENTROID: 0.155
 Y CENTROID: -0.078
 POA TO CENTROID: 0.173
 HORZ SPREAD: 1.741
 VERT SPREAD: 1.371
 GROUP SPREAD: 1.774
 MIN RADIUS: 0.292
 MAX RADIUS: 1.011
 MEAN RADIUS: 0.613
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

PCINT#	X	Y
1:	0.148	0.694
2:	0.177	0.439
3:	0.399	0.283
4:	0.425	0.032
5:	1.081	-0.337
6:	0.501	-0.482
7:	0.004	-0.571
8:	-0.088	-0.414
9:	-0.660	-0.677
10:	-0.440	0.256



TARGET APPROX 1/2 SCALE

BARBER - M24 0137846

SERIAL NUMBER: G6616381. __0

TARGET NUMBER: 2

FILE DATE: 02/22/2007

FILE TIME: 23:05

X CENTROID: -0.009

Y CENTROID: 0.082

POA TO CENTROID: 0.082

HORZ SPREAD: 0.816

VERT SPREAD: 1.847

GROUP SPREAD: 1.942

MIN RADIUS: 0.284

MAX RADIUS: 1.103

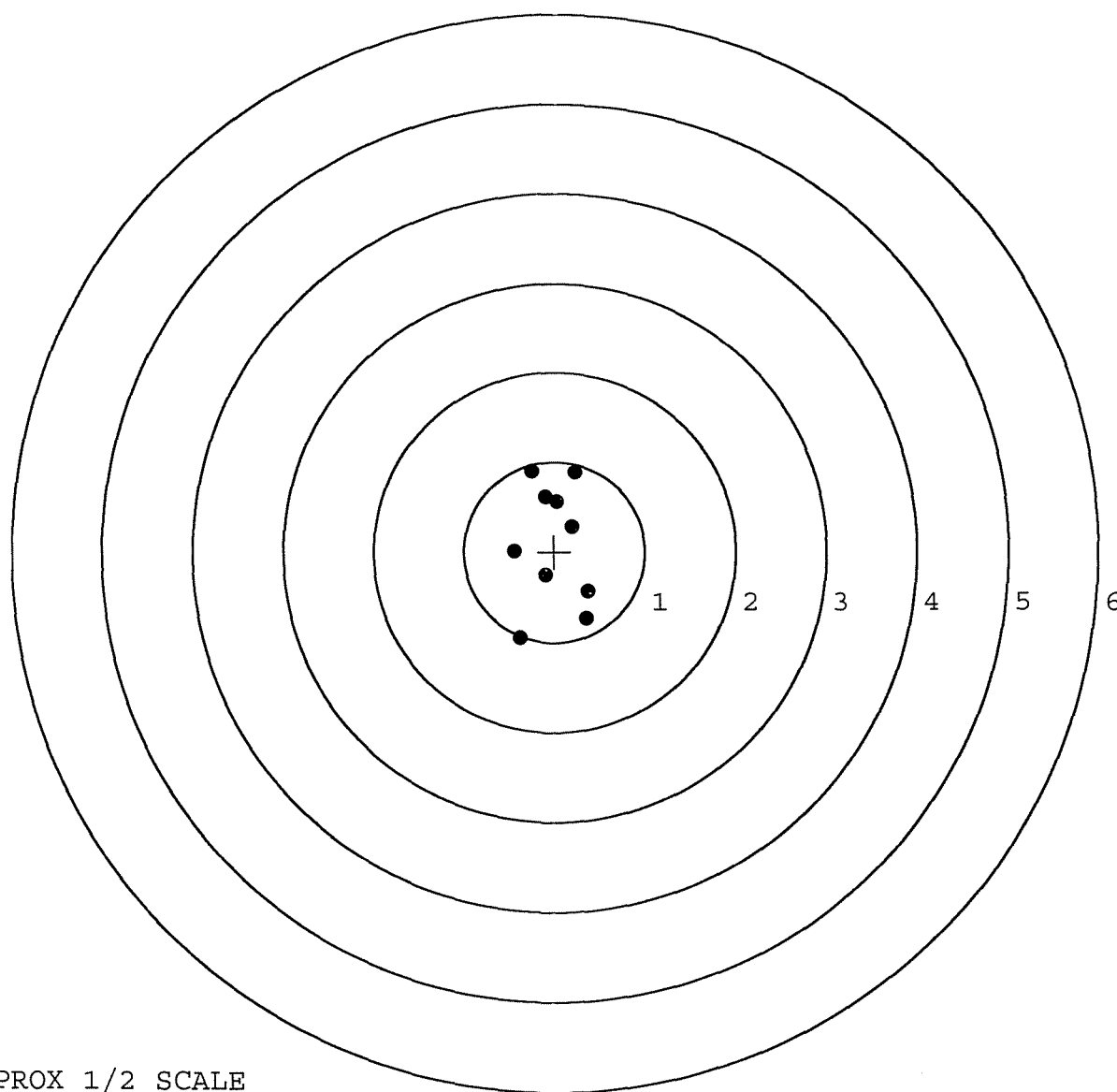
MEAN RADIUS: 0.642

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.374	-0.437
2:	0.354	-0.738
3:	-0.378	-0.958
4:	-0.100	-0.262
5:	-0.442	-0.006
6:	0.196	0.278
7:	0.031	0.554
8:	-0.105	0.610
9:	-0.255	0.889
10:	0.231	0.886



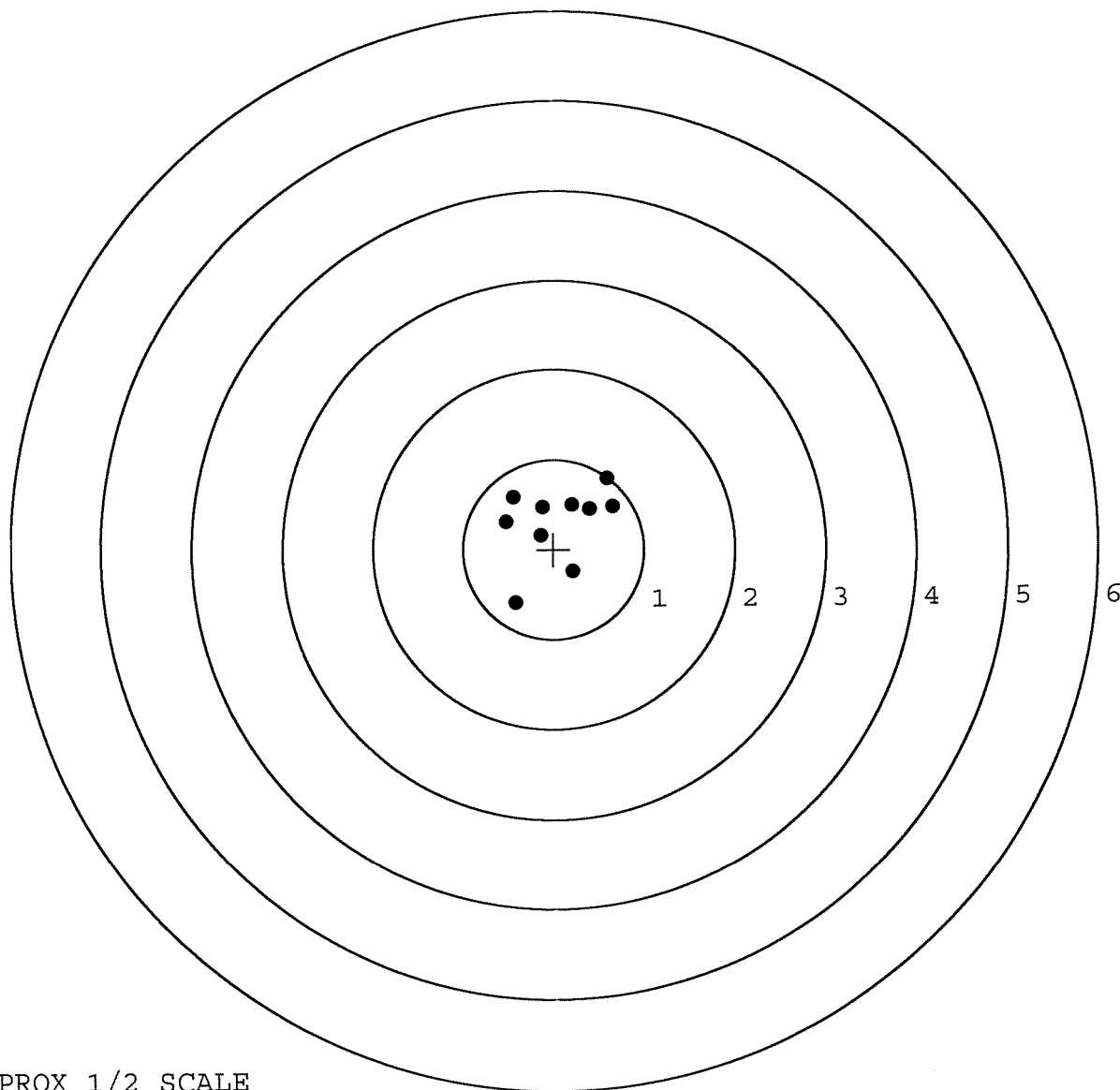
TARGET APPROX 1/2 SCALE

BARBER - M24 0137847

SERIAL NUMBER: G6616381. __0
 TARGET NUMBER: 3
 FILE DATE: 02/22/2007
 FILE TIME: 23:05

X CENTROID: 0.043
 Y CENTROID: 0.288
 POA TO CENTROID: 0.292
 HORZ SPREAD: 1.183
 VERT SPREAD: 1.386
 GROUP SPREAD: 1.719
 MIN RADIUS: 0.225
 MAX RADIUS: 1.001
 MEAN RADIUS: 0.522
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.217	-0.249
2:	-0.423	-0.597
3:	0.594	0.789
4:	0.659	0.477
5:	0.406	0.451
6:	0.207	0.495
7:	-0.126	0.467
8:	-0.140	0.158
9:	-0.524	0.311
10:	-0.440	0.582



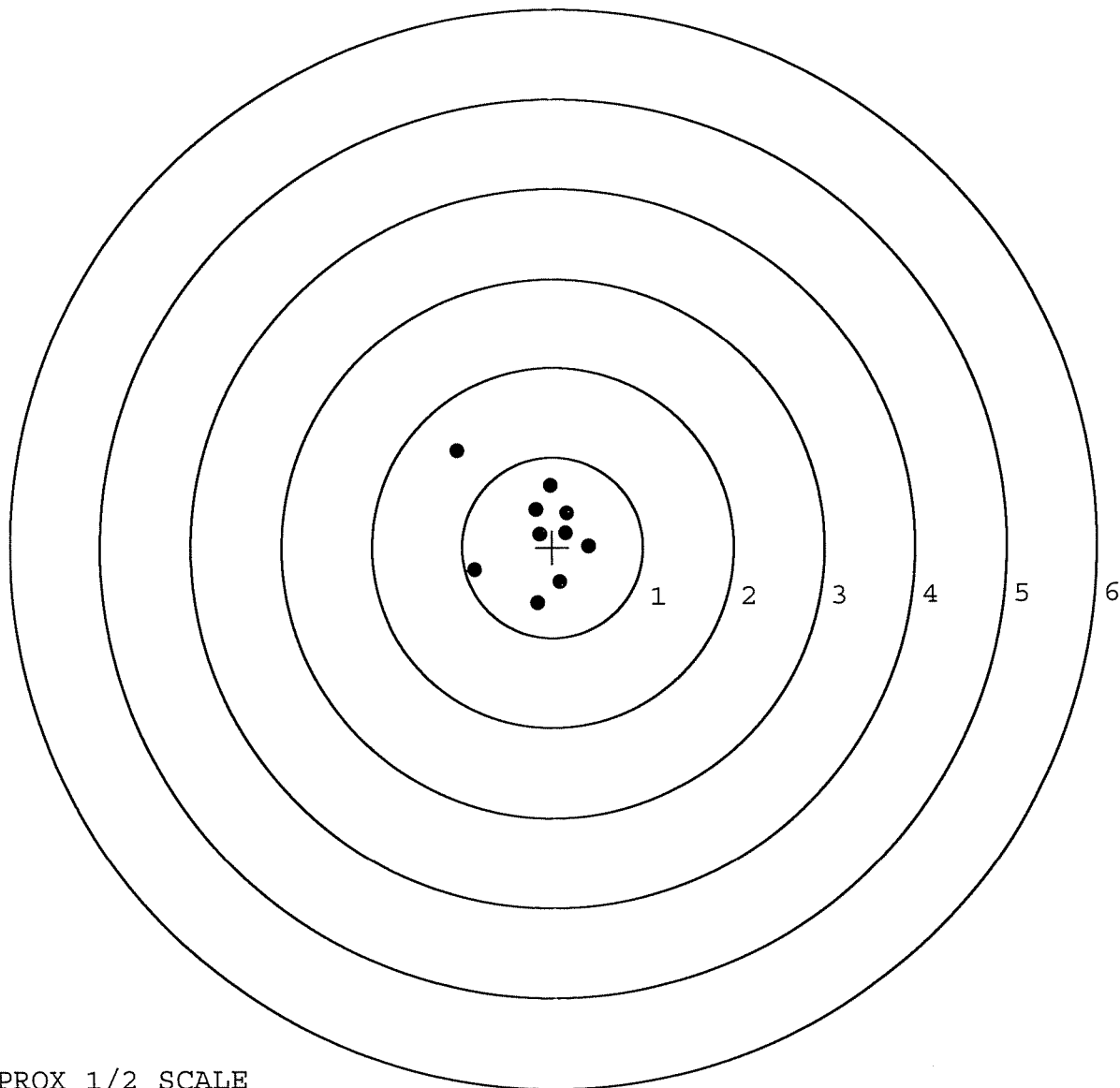
TARGET APPROX 1/2 SCALE

BARBER - M24 0137848

SERIAL NUMBER: G6616381. __0
 TARGET NUMBER: 4
 FILE DATE: 02/22/2007
 FILE TIME: 23:05

X CENTROID: -0.164
 Y CENTROID: 0.160
 POA TO CENTROID: 0.229
 HORZ SPREAD: 1.453
 VERT SPREAD: 1.702
 GROUP SPREAD: 1.916
 MIN RADIUS: 0.024
 MAX RADIUS: 1.278
 MEAN RADIUS: 0.559
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.053	1.078
2:	-0.861	-0.253
3:	-0.173	-0.624
4:	0.081	-0.391
5:	0.400	0.012
6:	0.148	0.157
7:	-0.146	0.145
8:	0.165	0.374
9:	-0.183	0.415
10:	-0.022	0.686



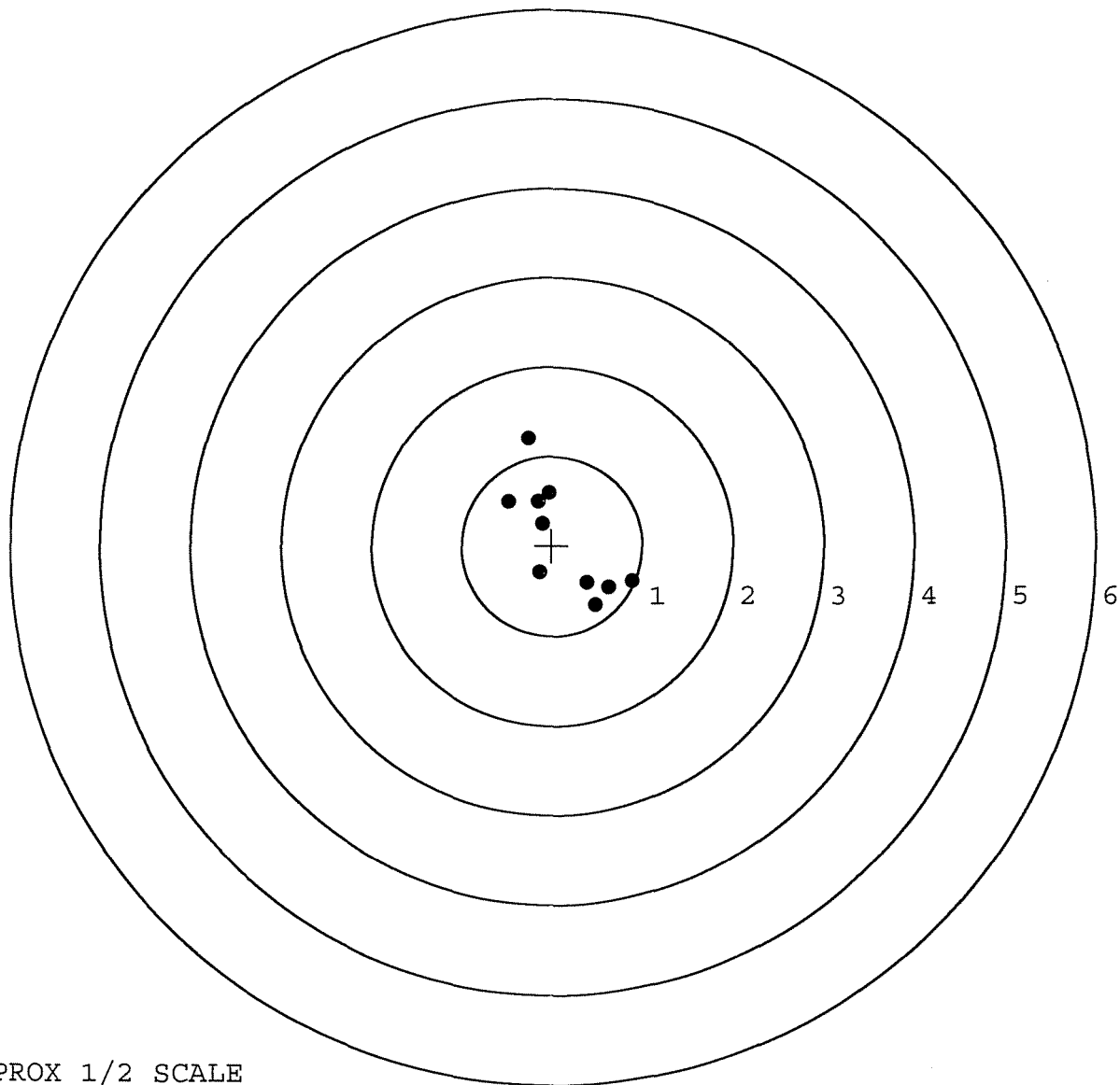
TARGET APPROX 1/2 SCALE

BARBER - M24 0137849

SERIAL NUMBER: G6616381. __0
 TARGET NUMBER: 5
 FILE DATE: 02/22/2007
 FILE TIME: 23:05

X CENTROID: 0.120
 Y CENTROID: 0.079
 POA TO CENTROID: 0.144
 HORZ SPREAD: 1.368
 VERT SPREAD: 1.856
 GROUP SPREAD: 2.004
 MIN RADIUS: 0.282
 MAX RADIUS: 1.185
 MEAN RADIUS: 0.671
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.269	1.198
2:	-0.134	-0.300
3:	0.387	-0.409
4:	0.486	-0.658
5:	0.887	-0.398
6:	-0.109	0.243
7:	-0.038	0.591
8:	-0.157	0.490
9:	-0.481	0.491
10:	0.632	-0.460



TARGET APPROX 1/2 SCALE