

BARBER - M24 0144311

G6637662

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0144311 **M2400144350**

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

G6637662

UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTI
UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTI
UPC



SERIAL NO.



M-24
BARBER - M24 0144314 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66637662

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		4-4-07	RTZ
420	ASSEMBLE ACTION		4-4-07	RTZ
430	ASSEMBLE TO STOCK		4-4-07	TRW
440	PROOF		4-4-07	TRW
460	CHECK HEADSPACE		4-4-07	TRW
470	DIS-ASSEMBLE ACTION	INSPECTED APR 09 2007	4-5-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>ARD</u>	4-9-07	A.P.D.
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		4-9-07	C.W.
510	DRILL AND TAP SIGHT HOLES		4-5-07	SD
520	GOFF BLAST BBL / REC		4/9/07	RG
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		4-13-07	W
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		4/20/07	A.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4/20/07	A.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4/20/07	A.P.D.
	D) OIL FIRING PIN ASSEMBLY		4/21/07	A.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/25/07	nm

F004 REV 5/2006

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BARBER - M24 0144314

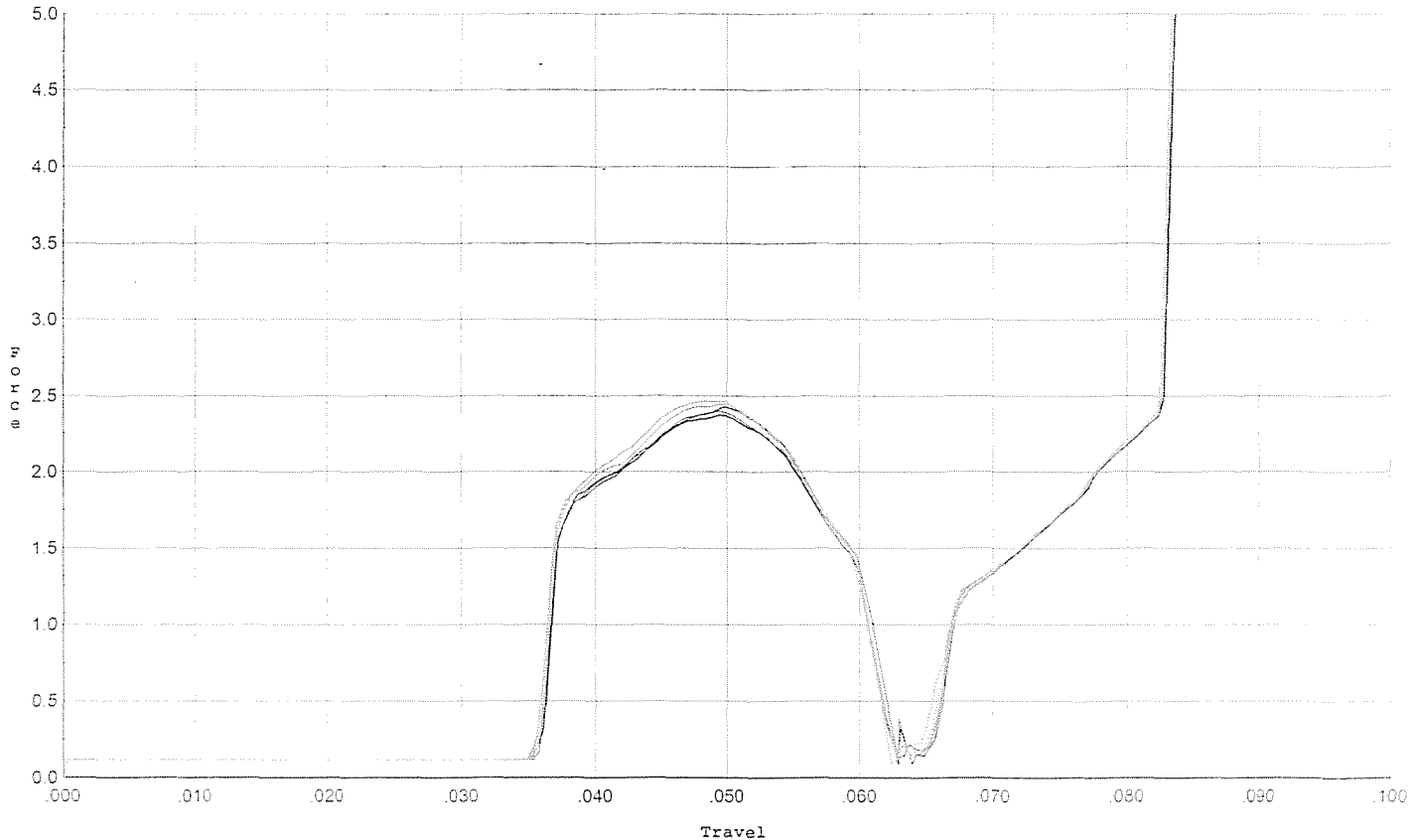
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	BARBER - M24 0144315 F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>8.5</u> <u>8.5</u> <u>8.75</u>	4-25-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.0</u> <u>2.5</u> <u>2.75</u>	4-25-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		4/25/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.025⁵</u> <u>.025</u> <u>.025⁵</u>	4-25-07	TRW
	J) ASSEMBLE STOCK		4/21/07	PA
	K) ASSEMBLE SWIVEL STUDS		4/25/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/25/07	non
	M) IRON SIGHT ALIGNMENT		4/25/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/25/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	4/24/07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-24-07	SD
670	FINAL INSPECTION A) HEADSPACE		4/25/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.15</u> <u>2.15</u> <u>2.19</u> <u>2.18</u> <u>2.21</u>	4-25-07	TRW
	C) FUNCTION		4/25/07	non
690	PACK		4/26/07	PA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/19/07

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



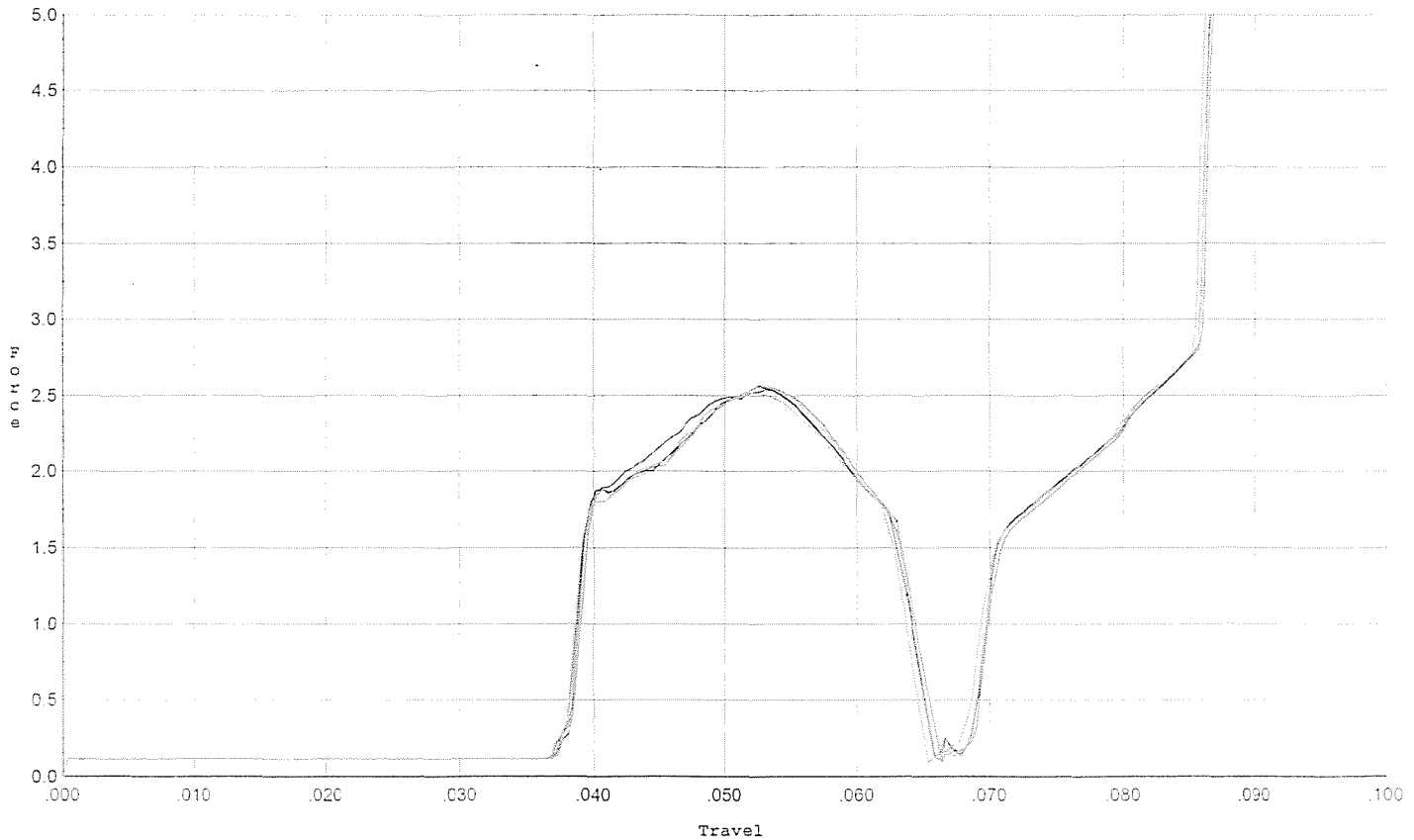
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.428	0.061	0.036	0.031	0.053		Set Trigger
2	2.376	0.060	0.036	0.031	0.052		Set Trigger
3	2.403	0.060	0.035	0.031	0.053		Set Trigger
4	2.466	0.060	0.036	0.031	0.054		Set Trigger
5	2.446	0.060	0.036	0.031	0.054		Set Trigger

Avg 2.42

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/19/07

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



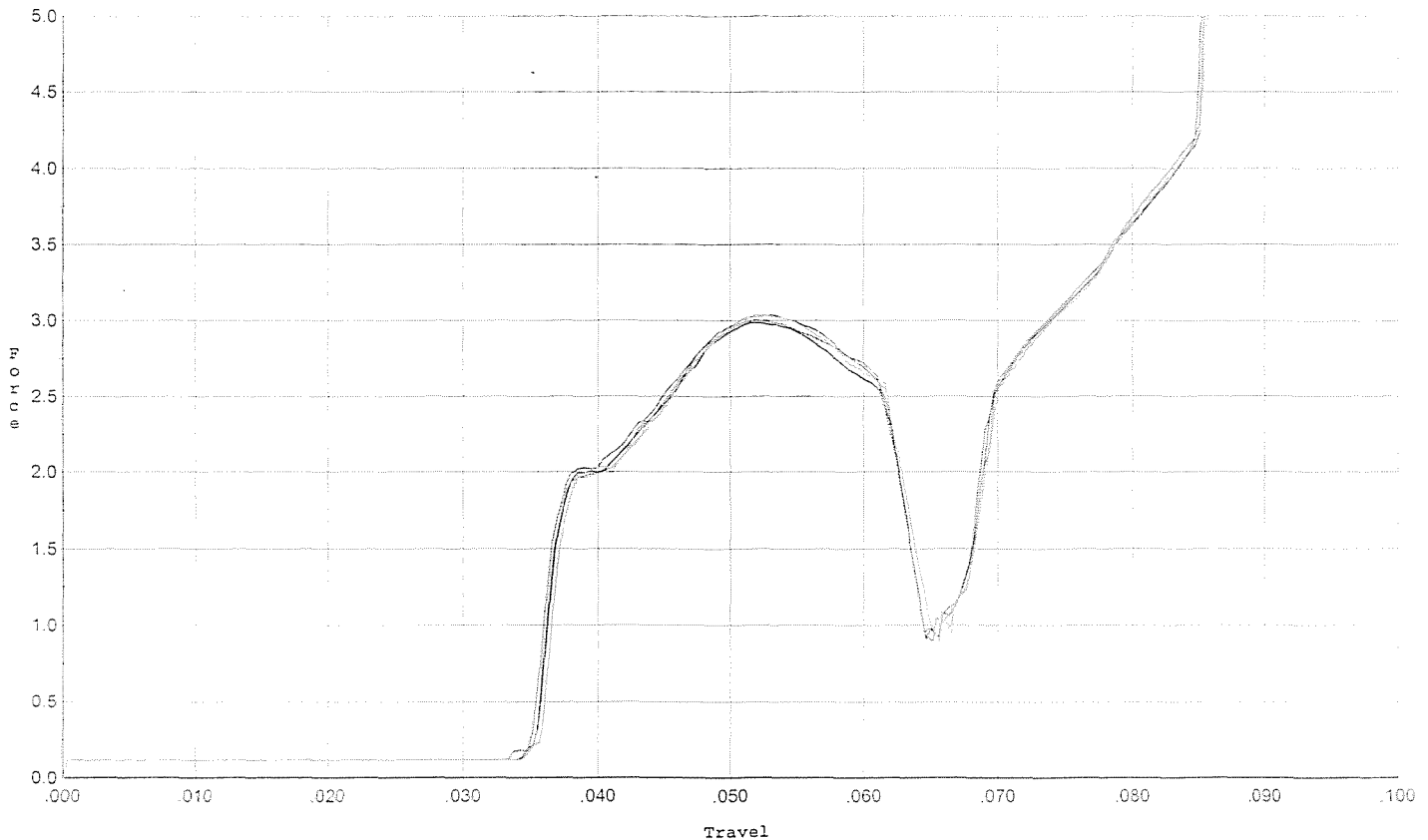
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.541	0.063	0.037	0.031	0.058		Set Trigger
2	2.560	0.064	0.037	0.031	0.058		Set Trigger
3	2.568	0.063	0.038	0.031	0.057		Set Trigger
4	2.560	0.063	0.038	0.031	0.057		Set Trigger
5	2.522	0.063	0.037	0.031	0.056		Set Trigger

AVG 2.55

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 4/19/07

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



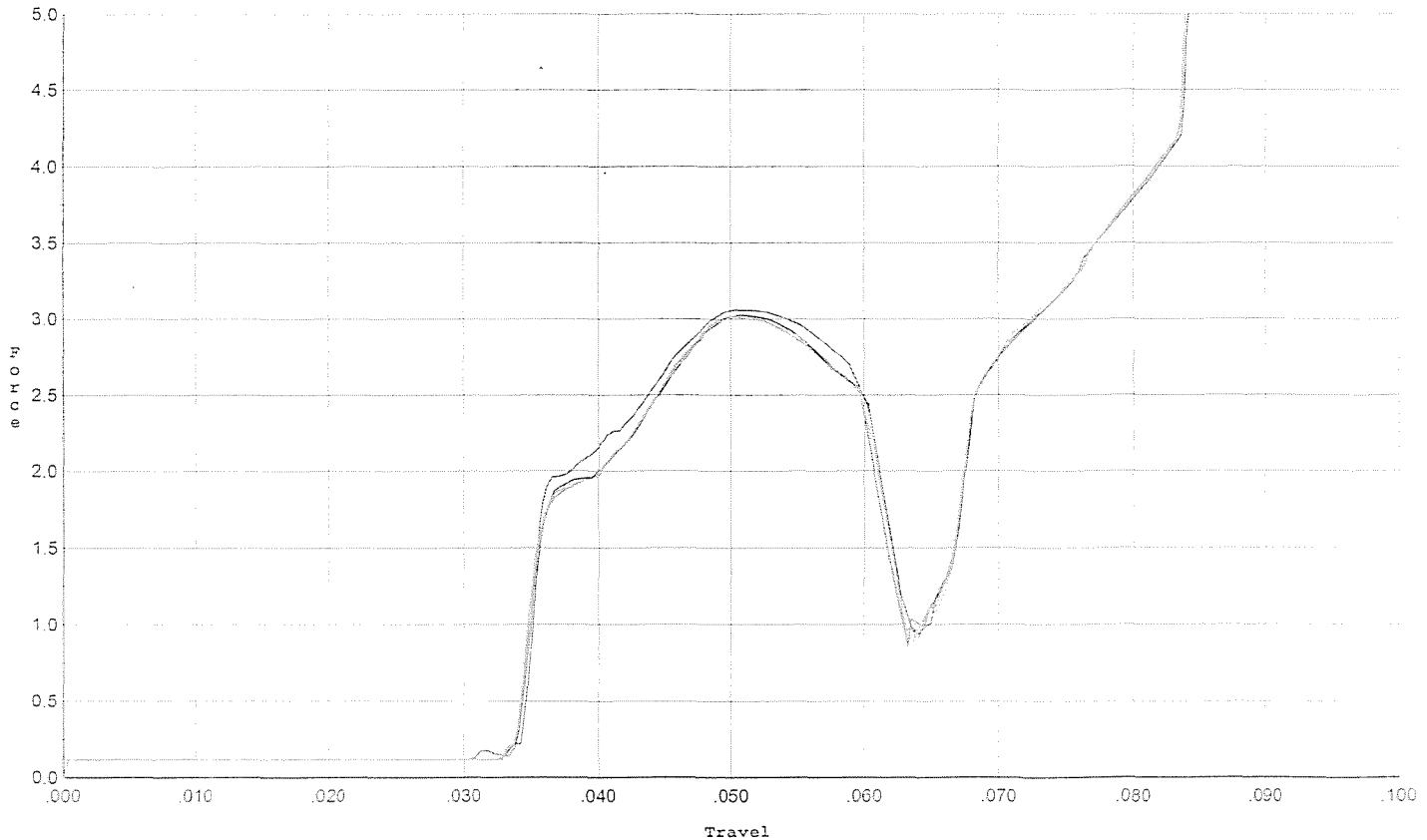
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.042	0.062	0.035	0.029	0.072		Set Trigger
2	2.985	0.062	0.035	0.029	0.071		Set Trigger
3	3.002	0.062	0.035	0.029	0.071		Set Trigger
4	3.043	0.062	0.035	0.030	0.070		Set Trigger
5	3.035	0.062	0.036	0.029	0.070		Set Trigger

AVG 3.02

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/19/07

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



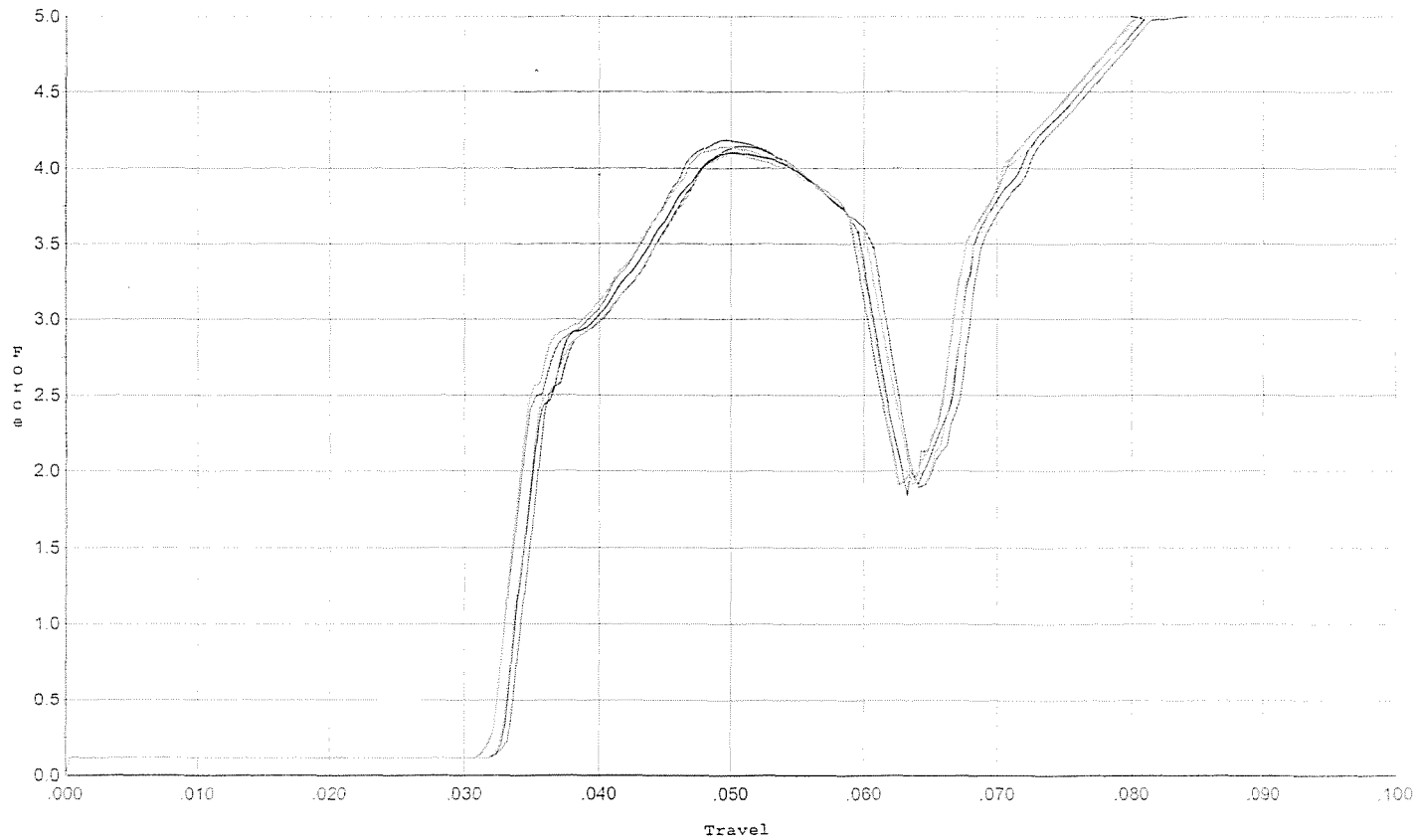
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.065	0.060	0.034	0.030	0.070		Set Trigger
2	3.025	0.060	0.033	0.030	0.069		Set Trigger
3	3.020	0.060	0.034	0.029	0.069		Set Trigger
4	3.023	0.061	0.033	0.029	0.070		Set Trigger
5	3.012	0.061	0.033	0.030	0.070		Set Trigger

AVG 3.02

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/19/07

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



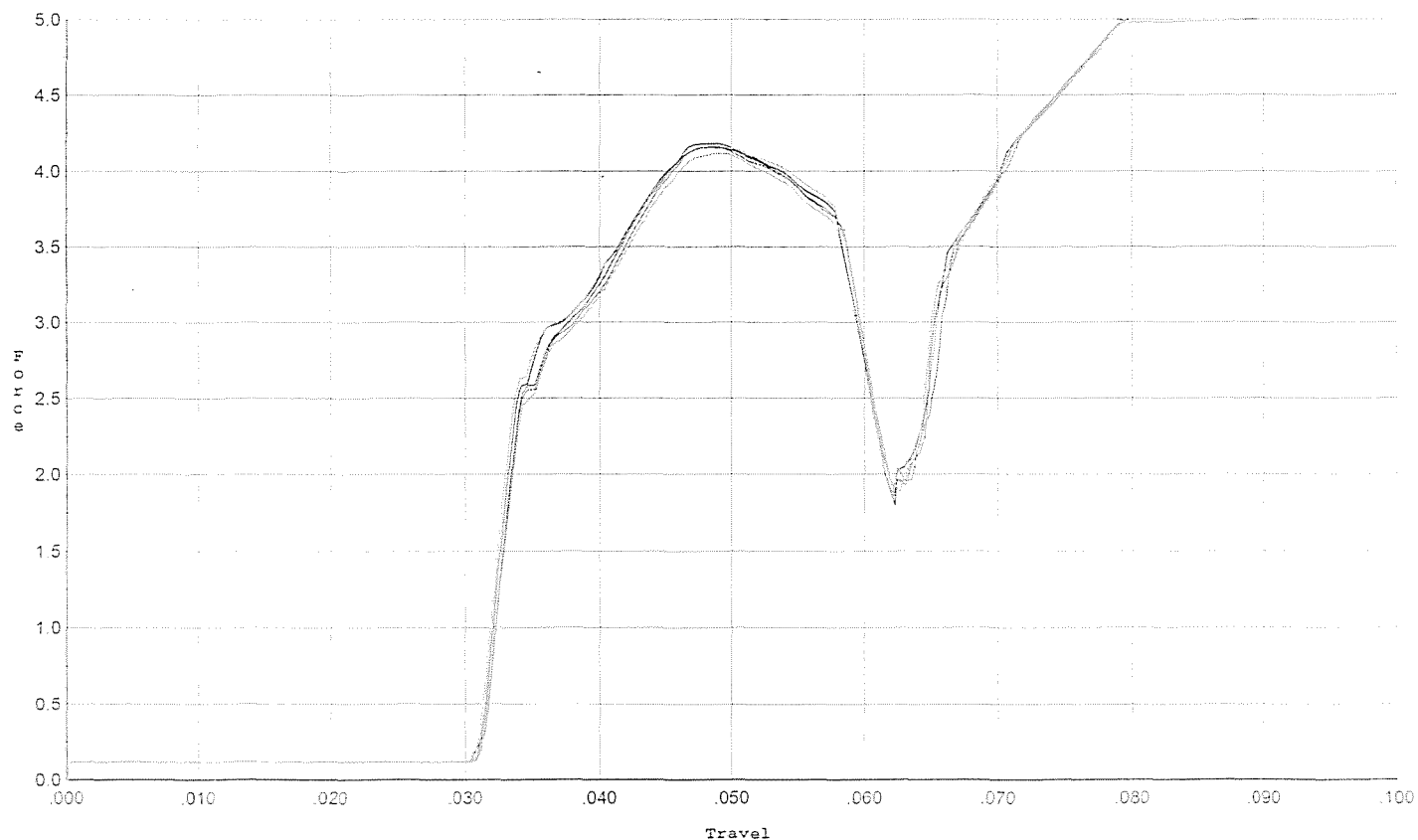
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.145	0.061	0.033	0.027	0.098		Set Trigger
2	4.104	0.060	0.033	0.028	0.096		Set Trigger
3	4.185	0.059	0.032	0.028	0.097		Set Trigger
4	4.141	0.060	0.032	0.027	0.100		Set Trigger
5	4.096	0.060	0.033	0.027	0.097		Set Trigger

Avg 4.13

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/19/07

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



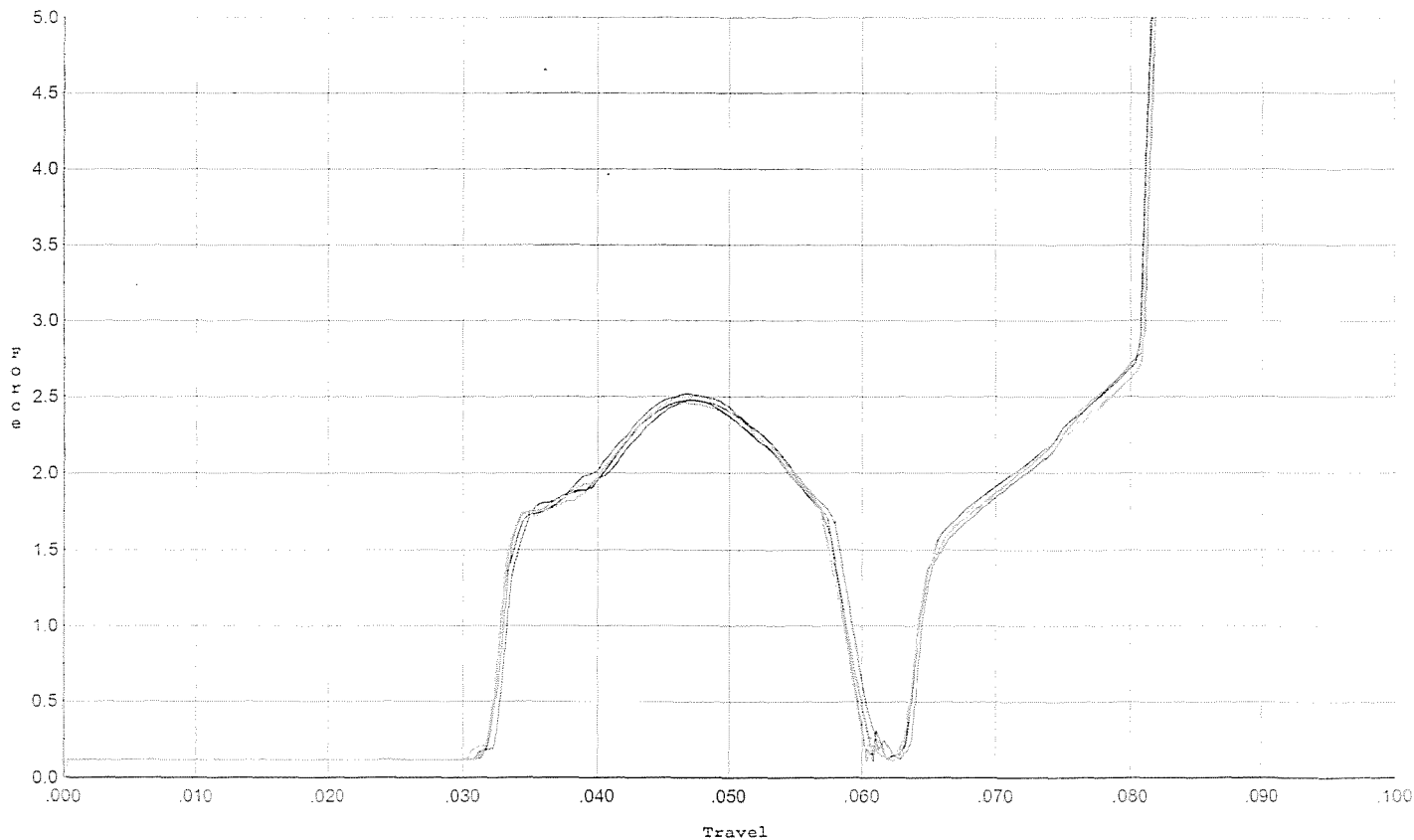
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.182	0.059	0.031	0.027	0.099		Set Trigger
2	4.156	0.059	0.031	0.027	0.101		Set Trigger
3	4.159	0.059	0.031	0.027	0.098		Set Trigger
4	4.119	0.059	0.031	0.028	0.097		Set Trigger
5	4.168	0.059	0.031	0.027	0.100		Set Trigger

Avg 4.15

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 4/19/07

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



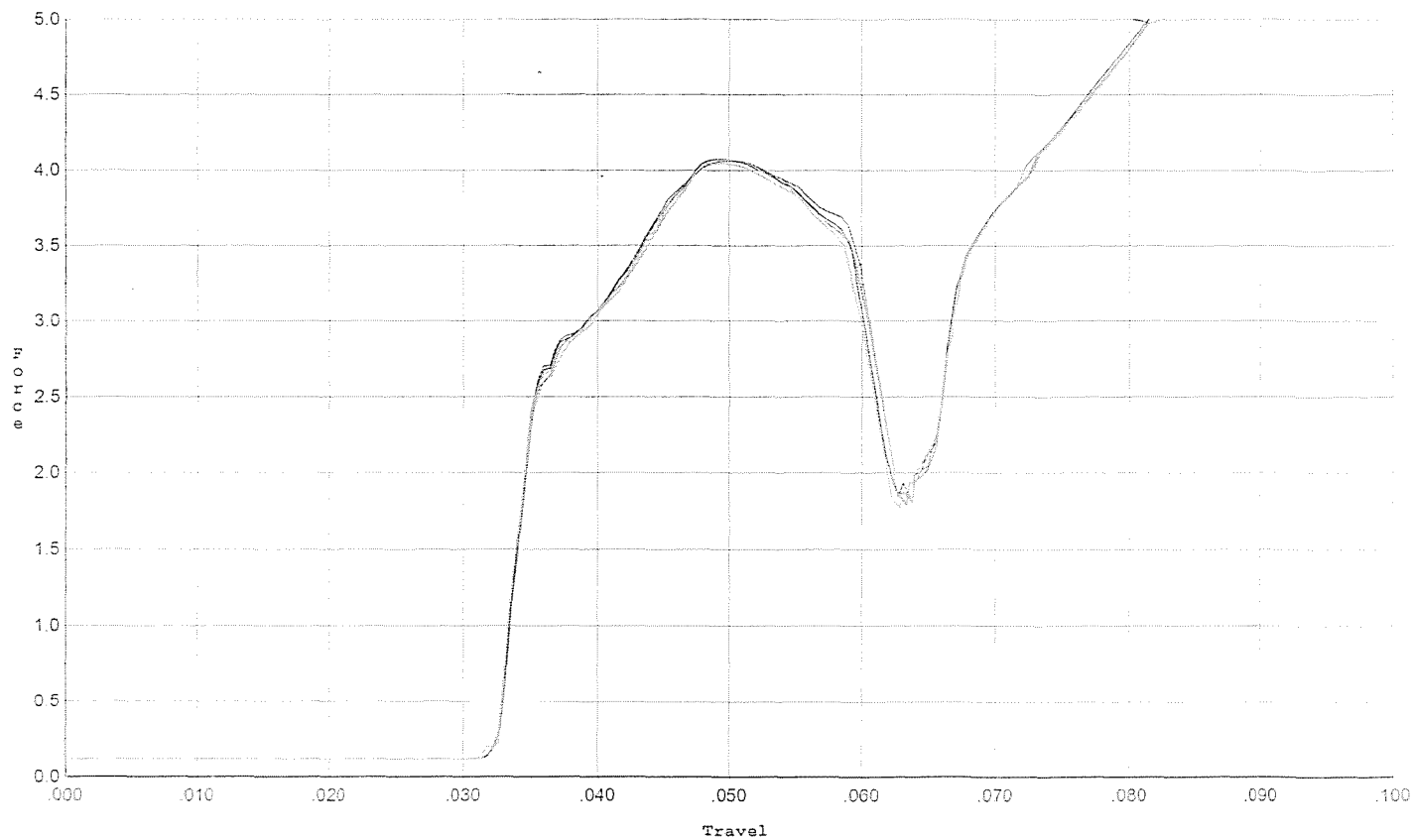
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.476	0.058	0.032	0.031	0.056		Set Trigger
2	2.474	0.058	0.032	0.031	0.056		Set Trigger
3	2.519	0.057	0.032	0.031	0.056		Set Trigger
4	2.503	0.058	0.031	0.031	0.056		Set Trigger
5	2.464	0.058	0.032	0.031	0.056		Set Trigger

Avg 2.48

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 4/19/07

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	4.070	0.060	0.033	0.028	0.097		Set Trigger
2	4.073	0.059	0.033	0.028	0.095		Set Trigger
3	4.065	0.060	0.032	0.028	0.097		Set Trigger
4	4.069	0.060	0.032	0.028	0.096		Set Trigger
5	4.046	0.060	0.032	0.028	0.096		Set Trigger

Avg 4.06

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637662.___0
FILE DATE AND TIME: 04/24/2007 20:41

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

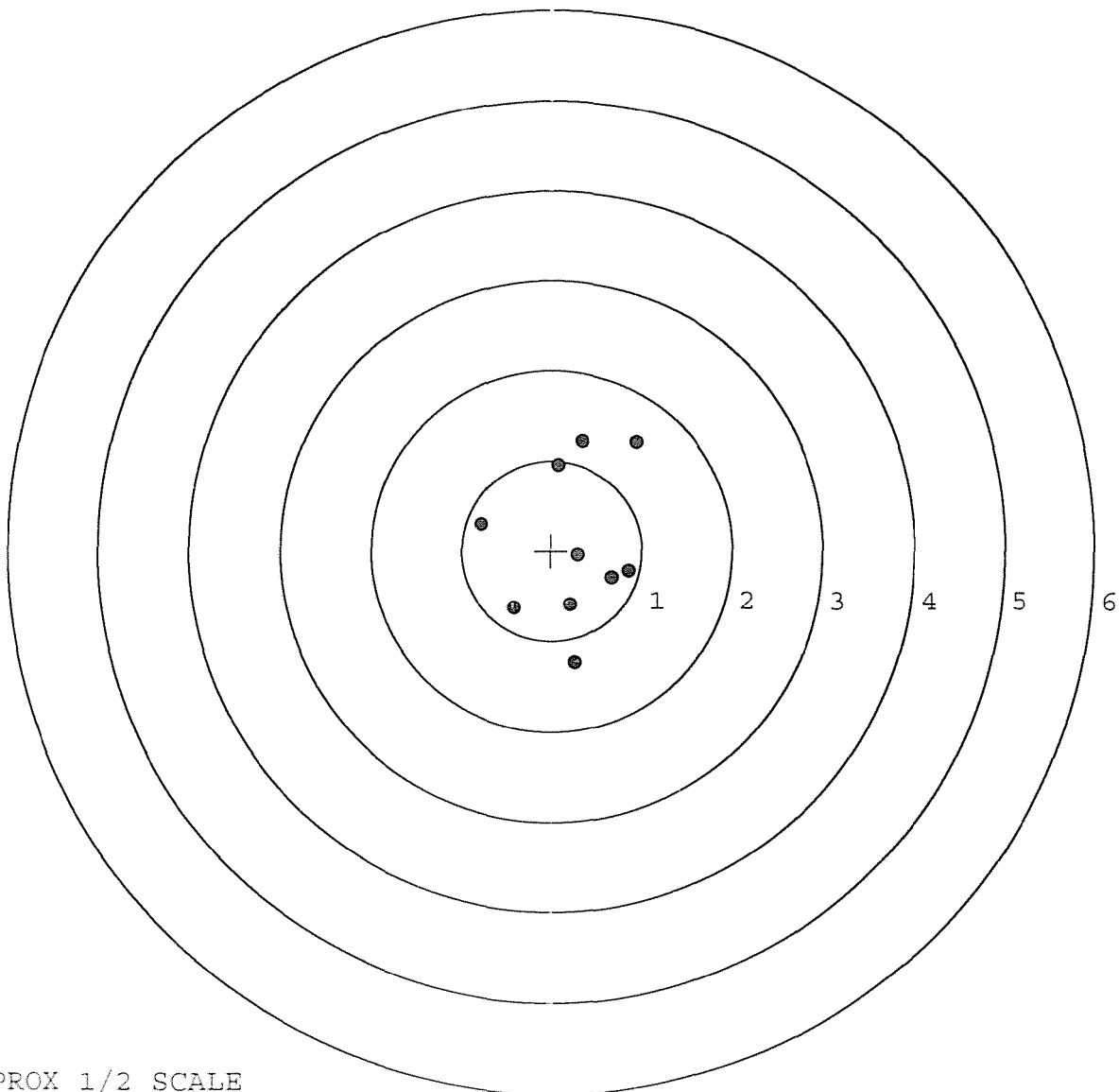
The Average X Centroid of the Five Target Set:	0.113
The Average Y Centroid of the Five Target Set:	0.037
The Average Point of Impact of the Five Target Set:	0.119
The Average Mean Radius of the Five Target Set:	0.844
The Distance from POA to Centroid Target #1:	0.252
The Distance from Centroid Target #2 to Centroid Target #1:	0.260
The Distance from Centroid Target #3 to Centroid Target #1:	0.525
The Distance from Centroid Target #4 to Centroid Target #1:	0.291
The Distance from Centroid Target #5 to Centroid Target #1:	0.292

BARBER - M24 0144325

SERIAL NUMBER: G6637662. 0
TARGET NUMBER: 1
FILE DATE: 04/24/2007
FILE TIME: 20:41

X CENTROID: 0.245
Y CENTROID: 0.062
POA TO CENTROID: 0.252
HORZ SPREAD: 1.723
VERT SPREAD: 2.465
GROUP SPREAD: 2.550
MIN RADIUS: 0.121
MAX RADIUS: 1.344
MEAN RADIUS: 0.875
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.082	0.951
2:	0.341	1.219
3:	0.938	1.213
4:	0.856	-0.224
5:	0.667	-0.296
6:	0.295	-0.048
7:	0.208	-0.606
8:	0.261	-1.246
9:	-0.416	-0.638
10:	-0.785	0.292



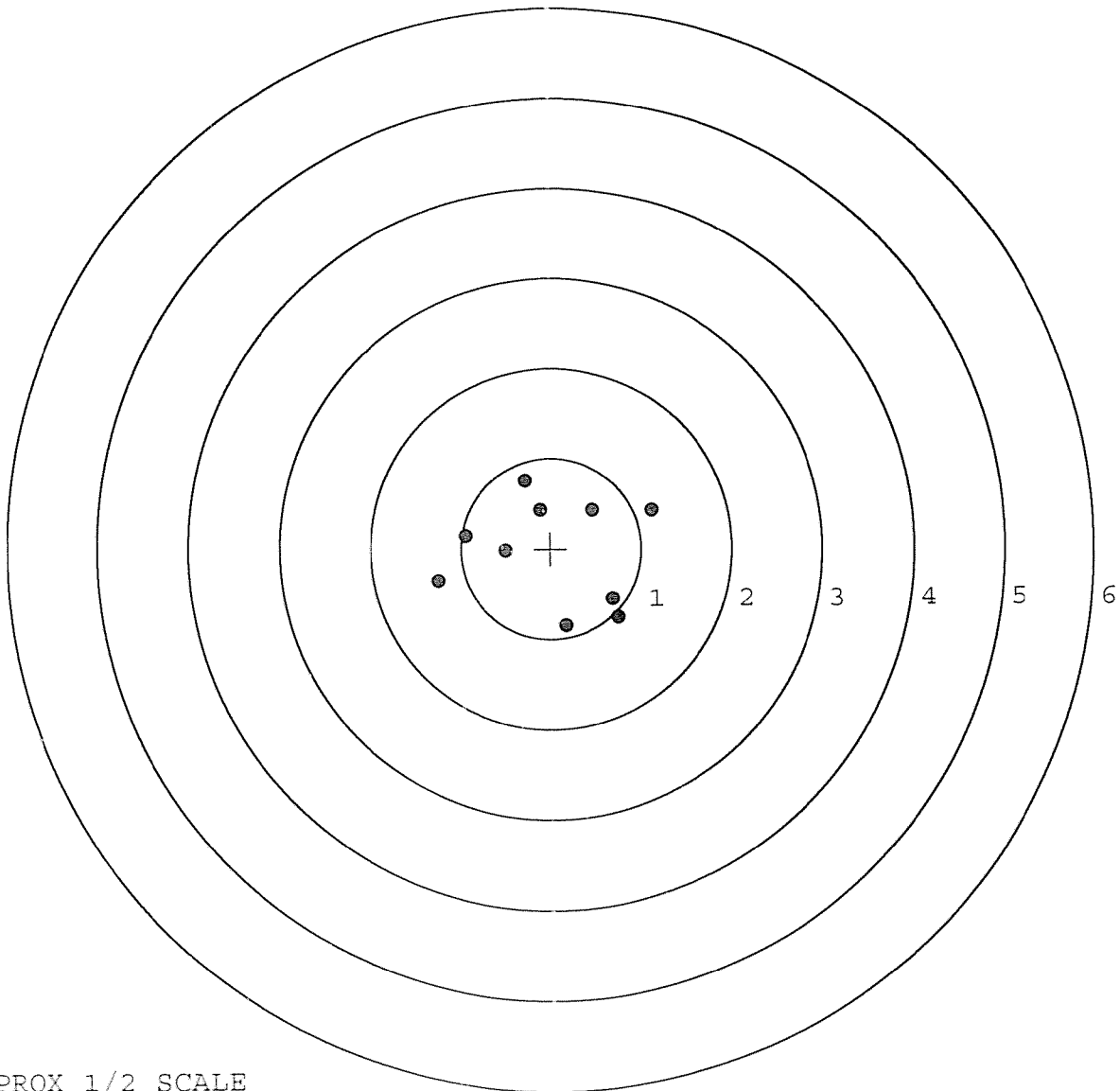
TARGET APPROX 1/2 SCALE

BARBER - M24 0144326

SERIAL NUMBER: G6637662. __0
TARGET NUMBER: 2
FILE DATE: 04/24/2007
FILE TIME: 20:41

X CENTROID: 0.006
Y CENTROID: -0.041
POA TO CENTROID: 0.041
HORZ SPREAD: 2.377
VERT SPREAD: 1.611
GROUP SPREAD: 2.500
MIN RADIUS: 0.480
MAX RADIUS: 1.305
MEAN RADIUS: 0.868
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.281	0.753
2:	-0.120	0.422
3:	0.463	0.422
4:	1.118	0.415
5:	0.742	-0.766
6:	0.681	-0.555
7:	0.168	-0.858
8:	-0.501	-0.024
9:	-0.951	0.144
10:	-1.259	-0.360



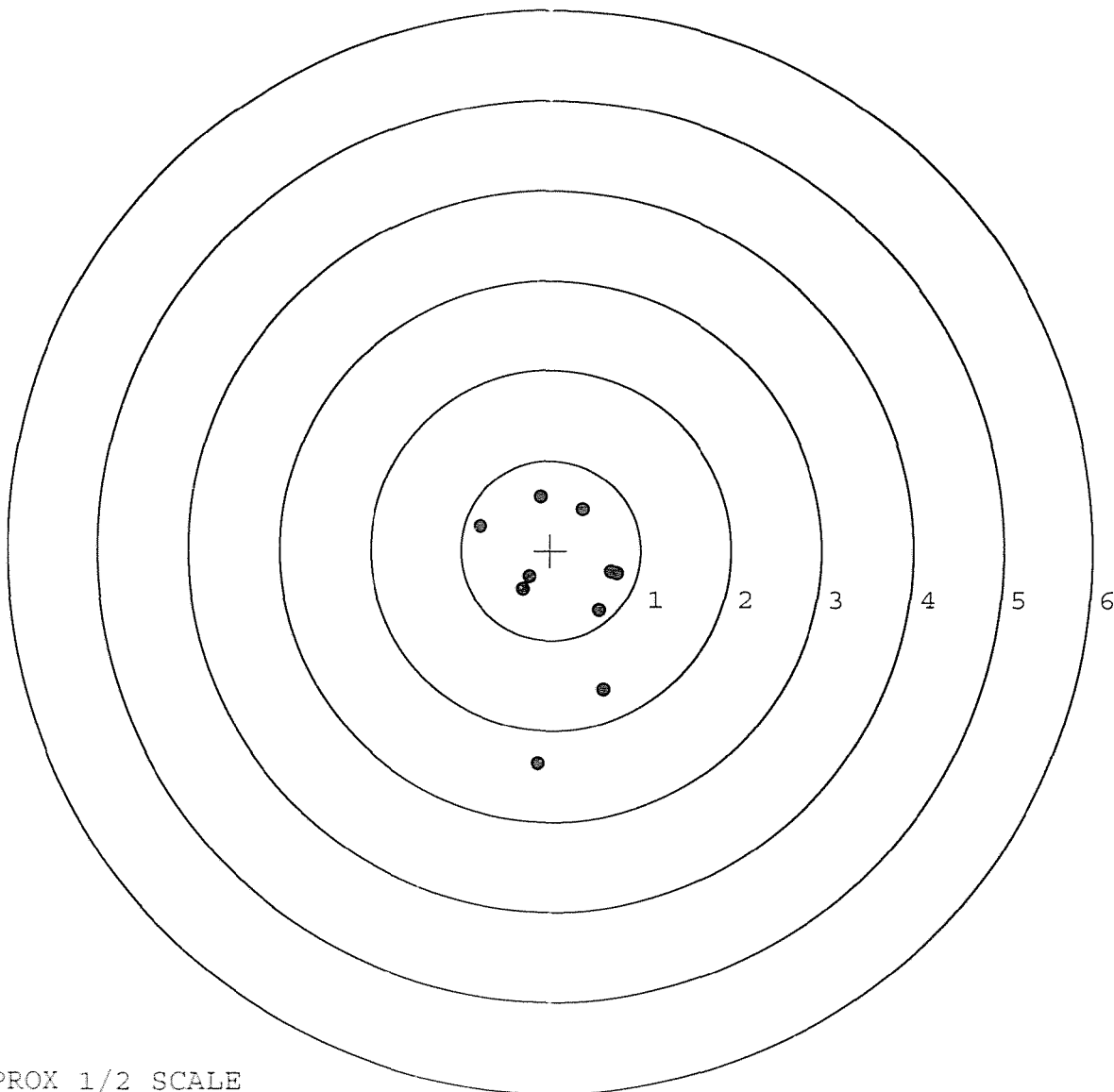
TARGET APPROX 1/2 SCALE

BARBER - M24 0144327

SERIAL NUMBER: G6637662. __0
TARGET NUMBER: 3
FILE DATE: 04/24/2007
FILE TIME: 20:41

X CENTROID: 0.131
Y CENTROID: -0.451
POA TO CENTROID: 0.469
HORZ SPREAD: 1.518
VERT SPREAD: 2.954
GROUP SPREAD: 2.954
MIN RADIUS: 0.401
MAX RADIUS: 1.935
MEAN RADIUS: 0.881
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.109	0.587
2:	0.357	0.459
3:	0.734	-0.256
4:	0.543	-0.670
5:	0.591	-1.548
6:	-0.139	-2.367
7:	-0.311	-0.439
8:	-0.240	-0.299
9:	-0.784	0.262
10:	0.672	-0.235



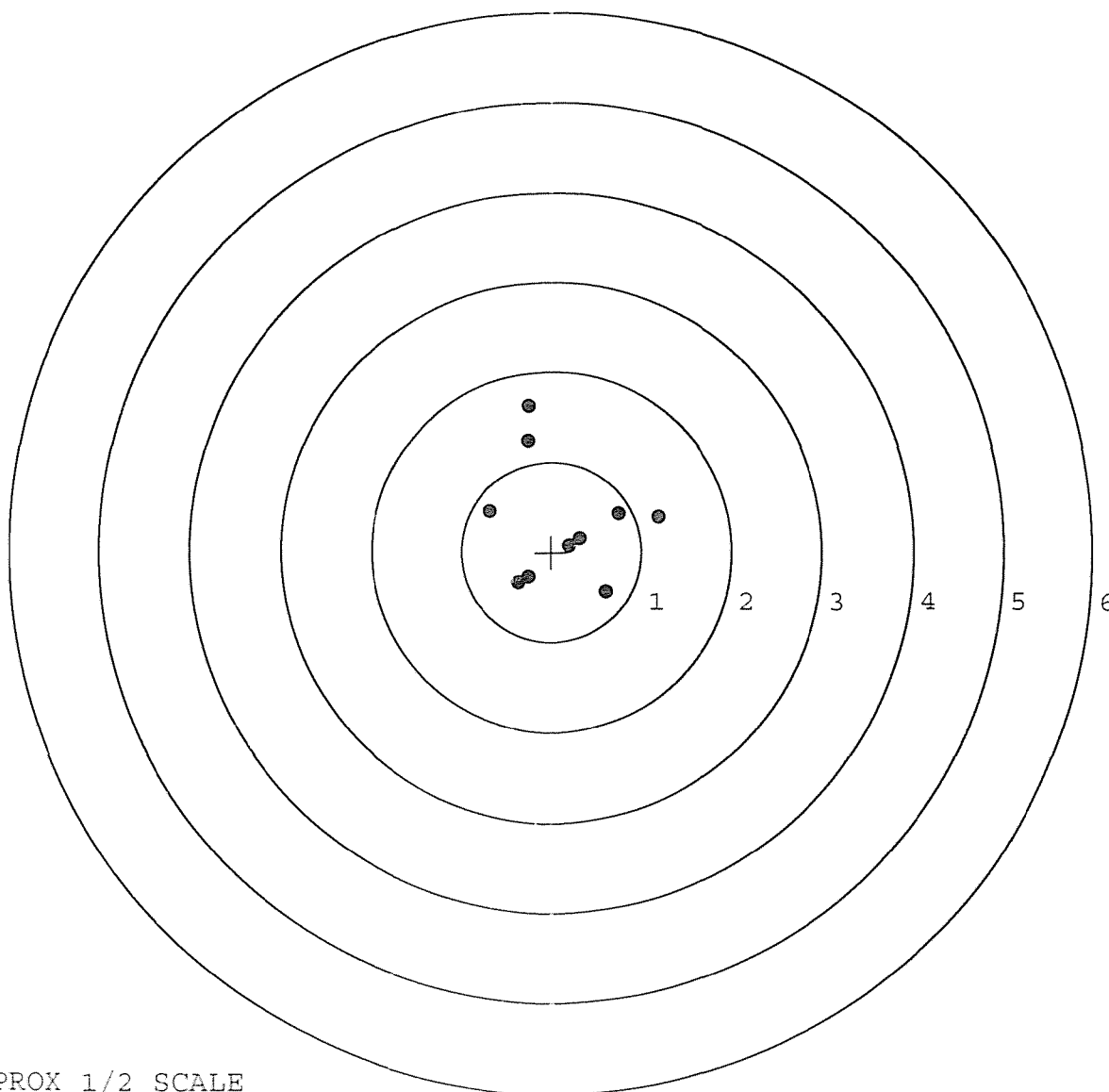
TARGET APPROX 1/2 SCALE

BARBER - M24 0144328

SERIAL NUMBER: G6637662. __0
TARGET NUMBER: 4
FILE DATE: 04/24/2007
FILE TIME: 20:41

X CENTROID: 0.123
Y CENTROID: 0.326
POA TO CENTROID: 0.349
HORZ SPREAD: 1.870
VERT SPREAD: 2.061
GROUP SPREAD: 2.234
MIN RADIUS: 0.265
MAX RADIUS: 1.342
MEAN RADIUS: 0.783
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.681	0.448
2:	-0.372	-0.342
3:	-0.255	-0.274
4:	0.196	0.068
5:	0.318	0.147
6:	0.748	0.422
7:	1.189	0.389
8:	0.607	-0.447
9:	-0.263	1.238
10:	-0.256	1.614



TARGET APPROX 1/2 SCALE

BARBER - M24 0144329

SERIAL NUMBER: G6637662. __0

TARGET NUMBER: 5

FILE DATE: 04/24/2007

FILE TIME: 20:41

X CENTROID: 0.060

Y CENTROID: 0.287

POA TO CENTROID: 0.294

HORZ SPREAD: 1.632

VERT SPREAD: 2.365

GROUP SPREAD: 2.535

MIN RADIUS: 0.113

MAX RADIUS: 1.527

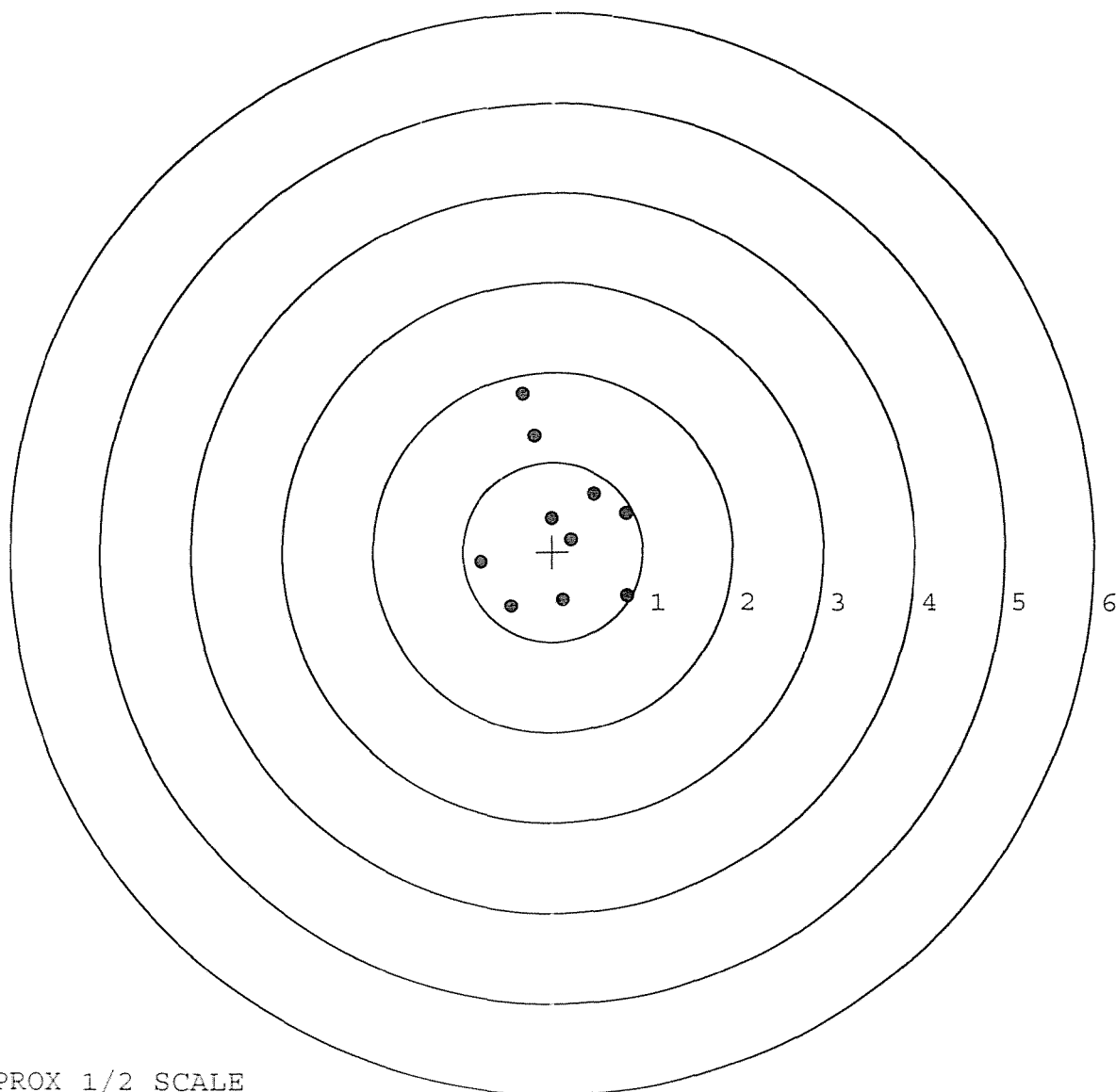
MEAN RADIUS: 0.811

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.340	1.761
2:	-0.208	1.297
3:	0.463	0.642
4:	0.817	0.430
5:	0.201	0.127
6:	-0.020	0.367
7:	-0.799	-0.124
8:	-0.466	-0.604
9:	0.115	-0.536
10:	0.833	-0.486



TARGET APPROX 1/2 SCALE