

BARBER - M24 0171509

6645324

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



BM FORM

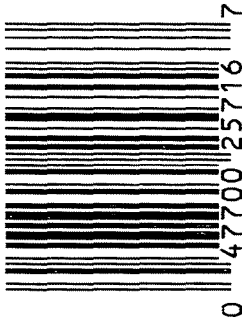
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6645324

UPC



BARBER - M24 0171511

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 0171511 **M2400171550**

M-24
BARBER - M24 0171512 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6645324

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE			
420	ASSEMBLE ACTION		8-6-07	SD
430	ASSEMBLE TO STOCK		8/7/07	nm
440	PROOF	MAGNA - FLUX	8/7/07	nm
460	CHECK HEADSPACE	AUG 7 2007	8/7/07	nm
470	DIS-ASSEMBLE ACTION		8-9-07	SD
480	MAGNAFLUX BBL ACTION	OPERATOR <u>Sms</u>	8/13/07	Sms
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-13-07	CW
510	DRILL AND TAP SIGHT HOLES		8-10-07	TRW
520	GOFF BLAST BBL / REC		8/13/07	(Lg)
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/23/07	FB
560	RE-ASSEMBLE ACTION		8-23-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-23-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-23-07	SD
	D) OIL FIRING PIN ASSEMBLY		8/24/07	SPJ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

F004 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0171512~~ 0171551

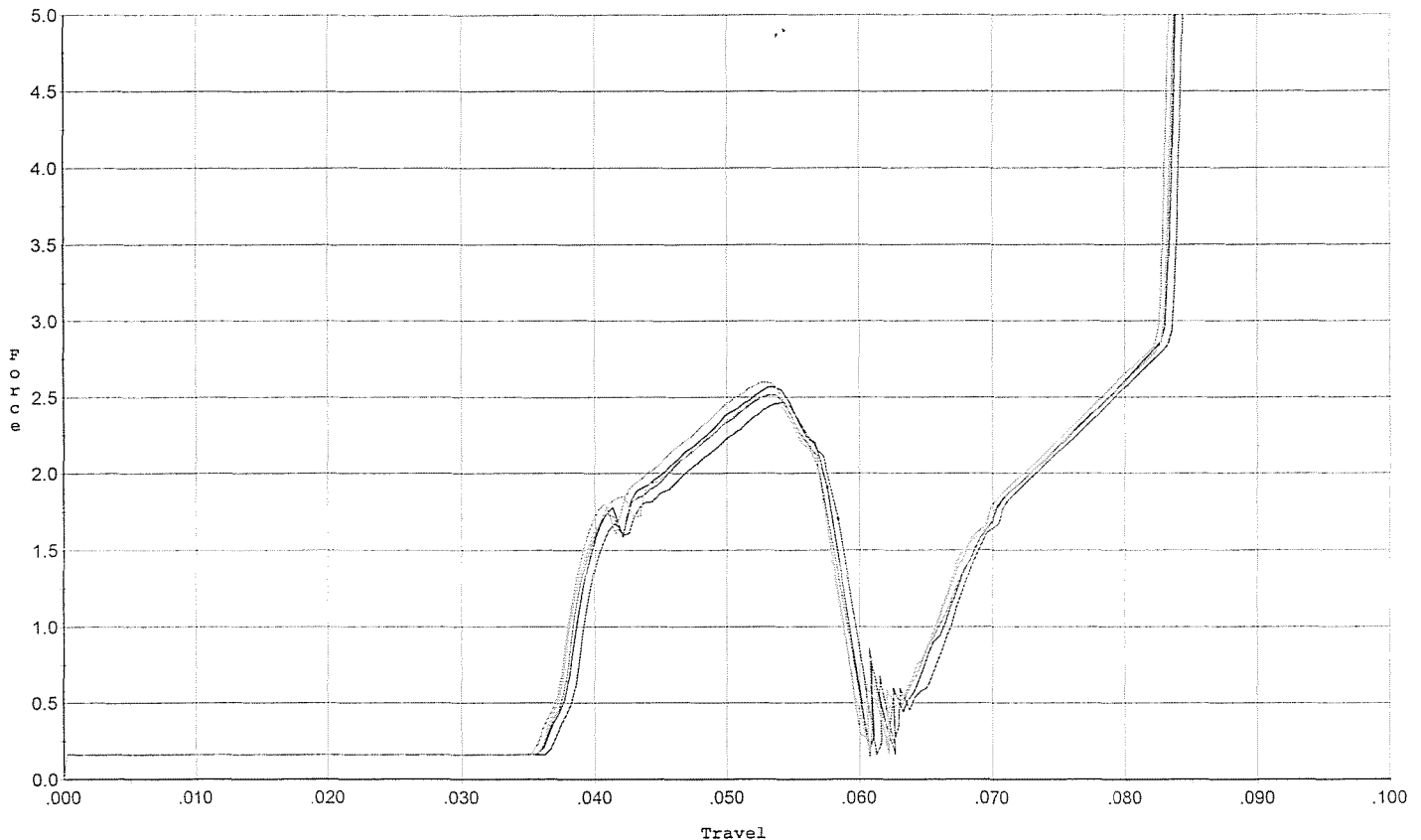
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.4</u> <u>5.8</u> <u>5.4</u>	8/28/07	RP
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.8</u> <u>3.8</u> <u>3.6</u>	8/28/07	RP
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.024</u>	8/28/07	RP
	J) ASSEMBLE STOCK		8/24/07	RP
	K) ASSEMBLE SWIVEL STUDS		8/28/07	RP
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		8-29-07	RTZ
	M) IRON SIGHT ALIGNMENT		8-29-07	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8-29-07	RTZ
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	8/21/07	man
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		8/27/07	SD
670	FINAL INSPECTION A) HEADSPACE		8/29/07	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.40</u> <u>2.66</u> <u>2.74</u> <u>2.80</u> <u>2.85</u>	8/28/07	RP
	C) FUNCTION			
690	PACK		8/29/07	DA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/15/07

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



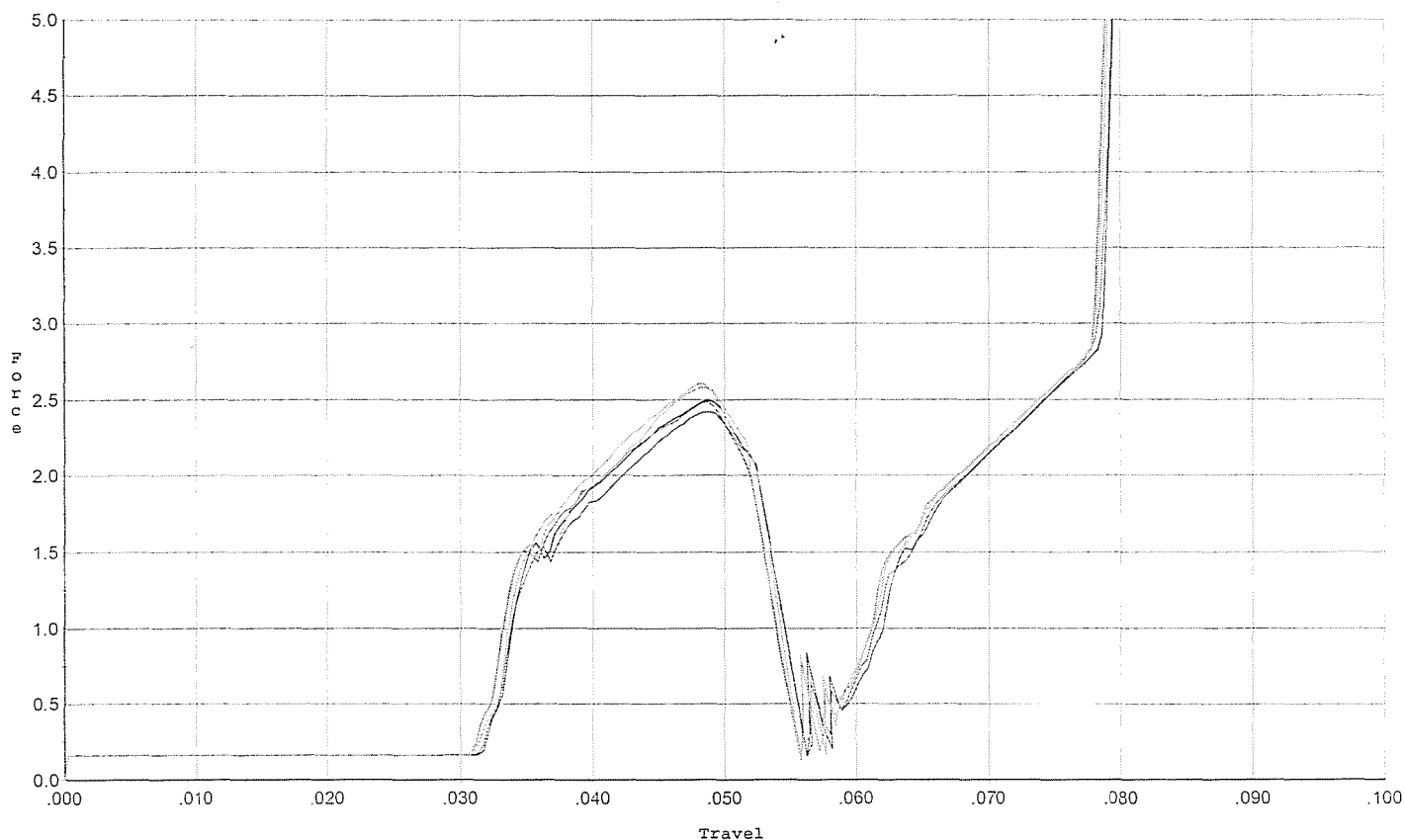
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.467	0.058	0.037	0.033	0.046		Set Trigger
2	2.565	0.058	0.037	0.033	0.048		Set Trigger
3	2.515	0.059	0.037	0.033	0.048		Set Trigger
4	2.518	0.057	0.036	0.033	0.047		Set Trigger
5	2.598	0.057	0.036	0.033	0.048		Set Trigger

Avg 2.53

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/15/07

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



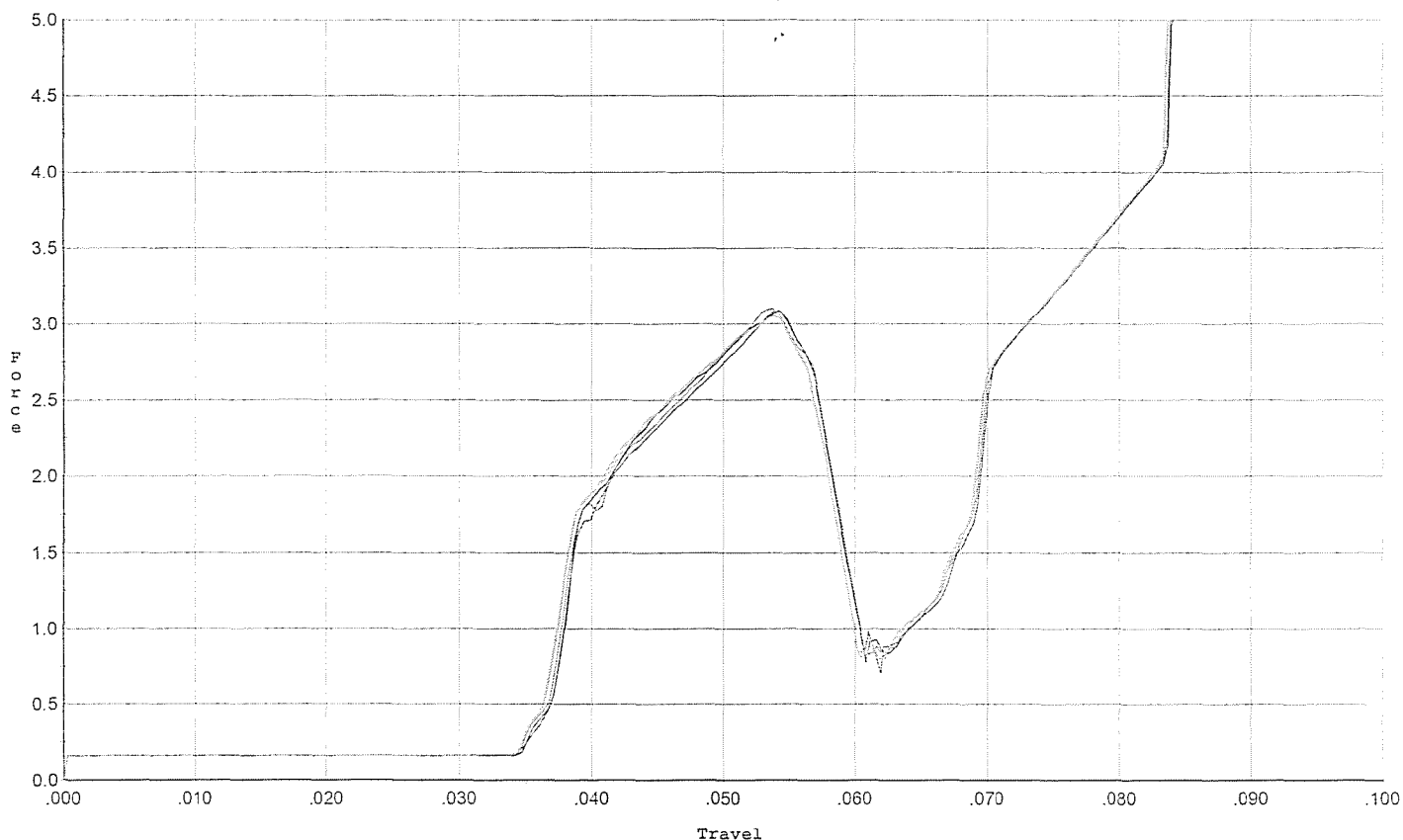
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.422	0.054	0.032	0.032	0.046		Set Trigger
2	2.497	0.054	0.032	0.032	0.047		Set Trigger
3	2.486	0.052	0.031	0.033	0.045		Set Trigger
4	2.607	0.052	0.031	0.033	0.046		Set Trigger
5	2.580	0.052	0.032	0.032	0.046		Set Trigger

Avg 2.51

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/15/07

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



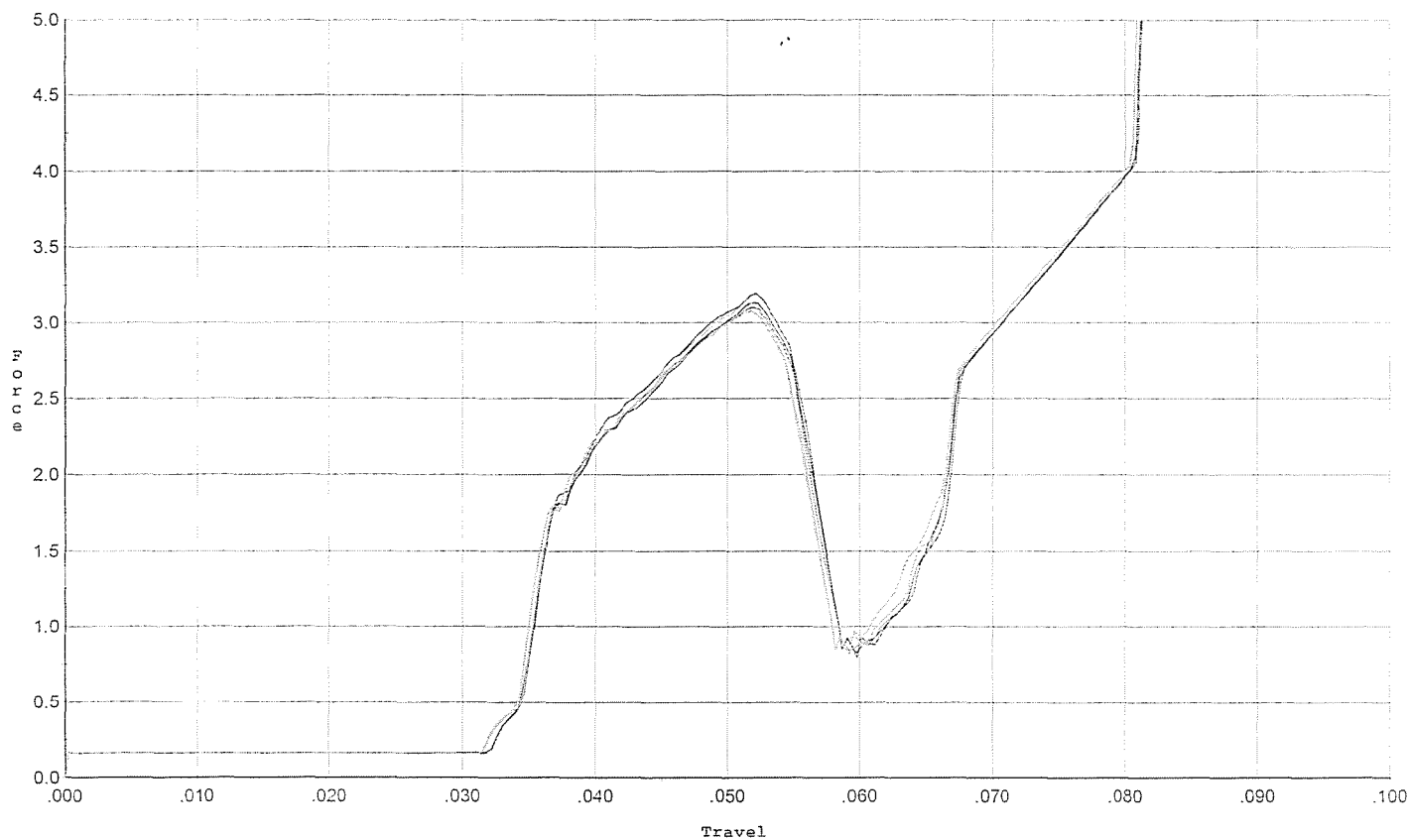
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.089	0.059	0.037	0.032	0.058		Set Trigger
2	3.082	0.057	0.035	0.032	0.057		Set Trigger
3	3.101	0.059	0.035	0.032	0.059		Set Trigger
4	3.055	0.058	0.035	0.032	0.058		Set Trigger
5	3.057	0.058	0.035	0.032	0.058		Set Trigger

AVG 3.07

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/15/07

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



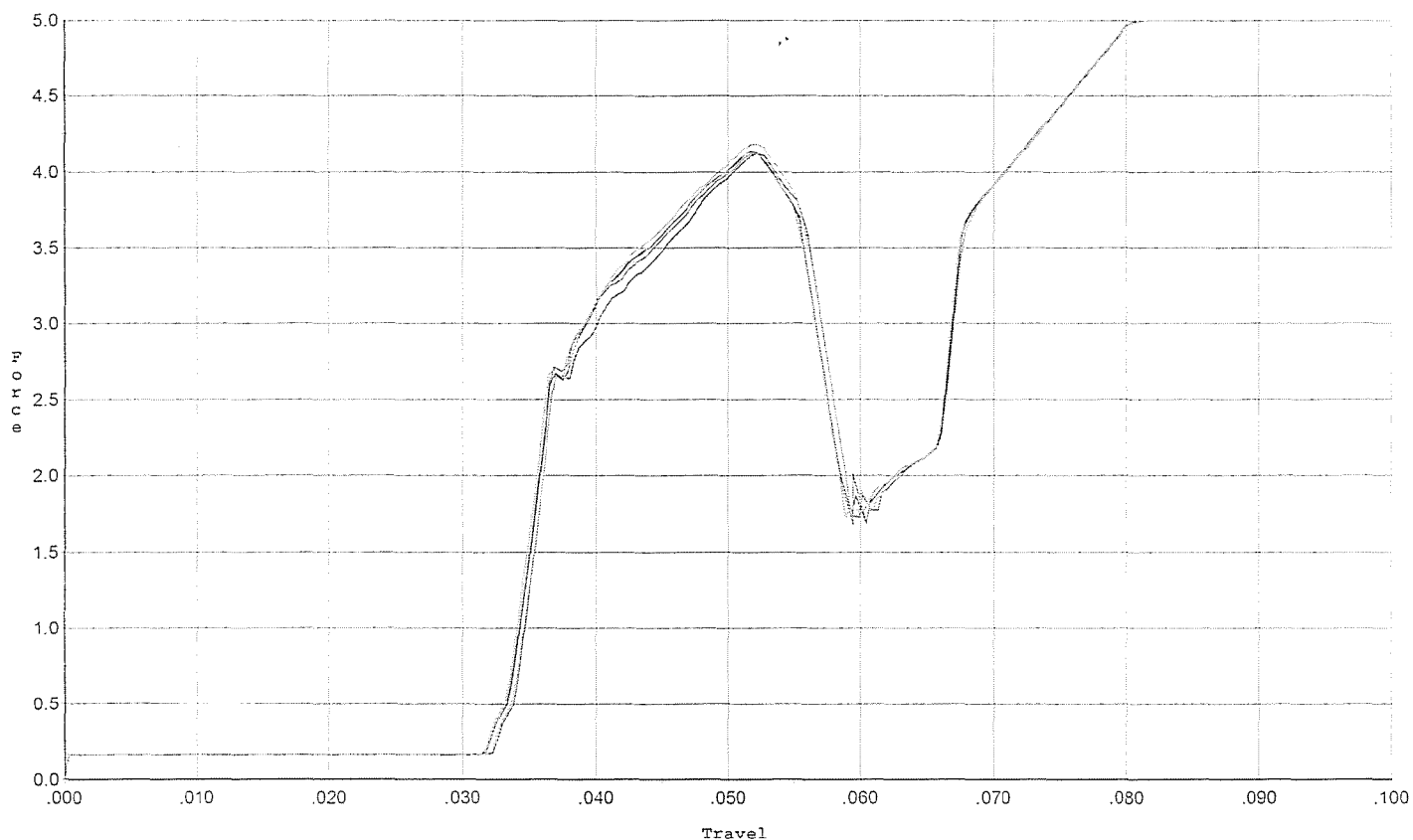
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.197	0.056	0.033	0.031	0.060		Set Trigger
2	3.134	0.056	0.033	0.031	0.060		Set Trigger
3	3.103	0.055	0.033	0.032	0.058		Set Trigger
4	3.134	0.056	0.032	0.031	0.060		Set Trigger
5	3.080	0.056	0.032	0.031	0.058		Set Trigger

Avg 3.13

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/15/07

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



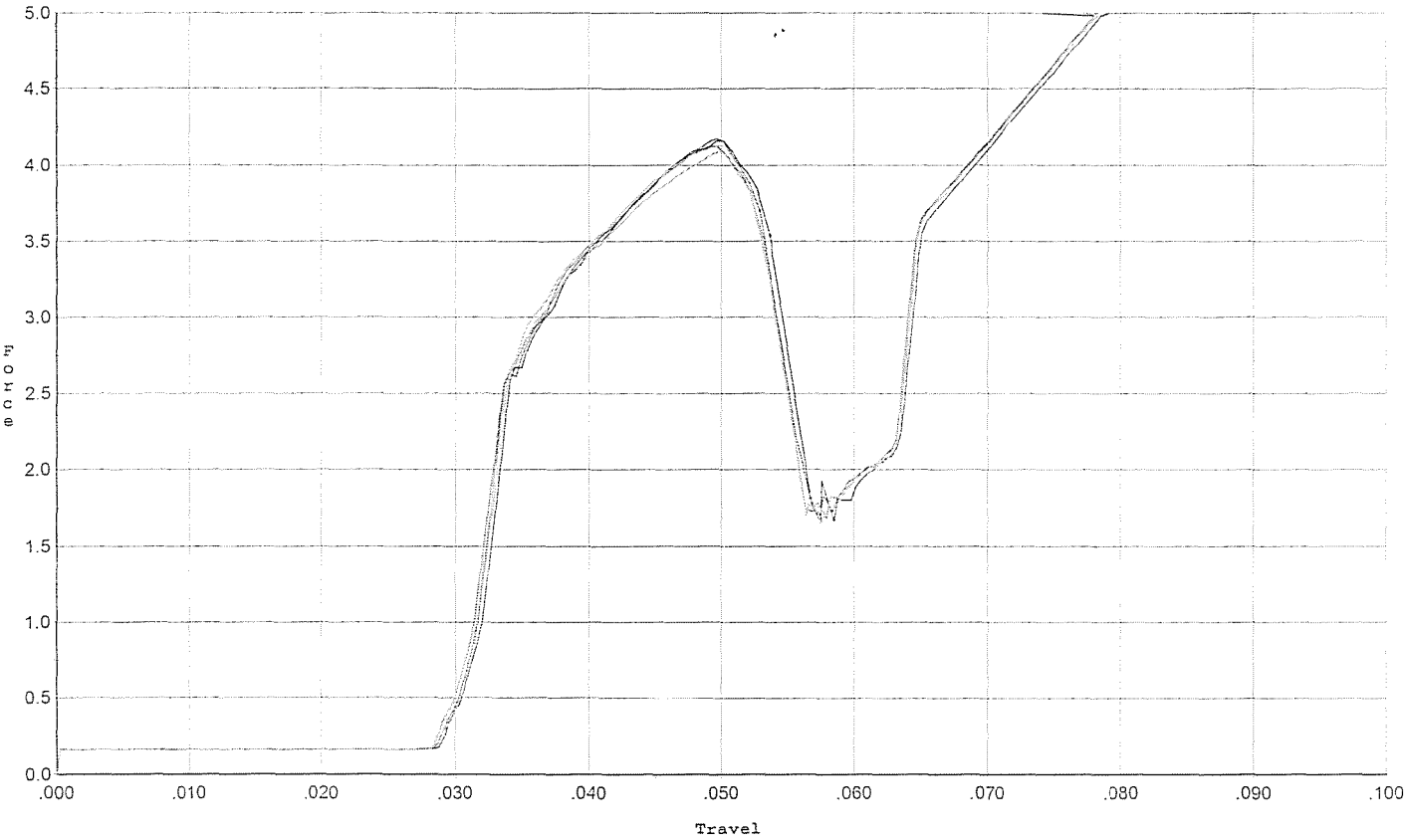
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.123	0.056	0.033	0.029	0.081		Set Trigger
2	4.135	0.055	0.032	0.029	0.081		Set Trigger
3	4.124	0.055	0.032	0.029	0.081		Set Trigger
4	4.183	0.056	0.033	0.029	0.083		Set Trigger
5	4.131	0.056	0.032	0.029	0.082		Set Trigger

AVG 4.13

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/15/07

Model: M24
Serial No: Form #F005
Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



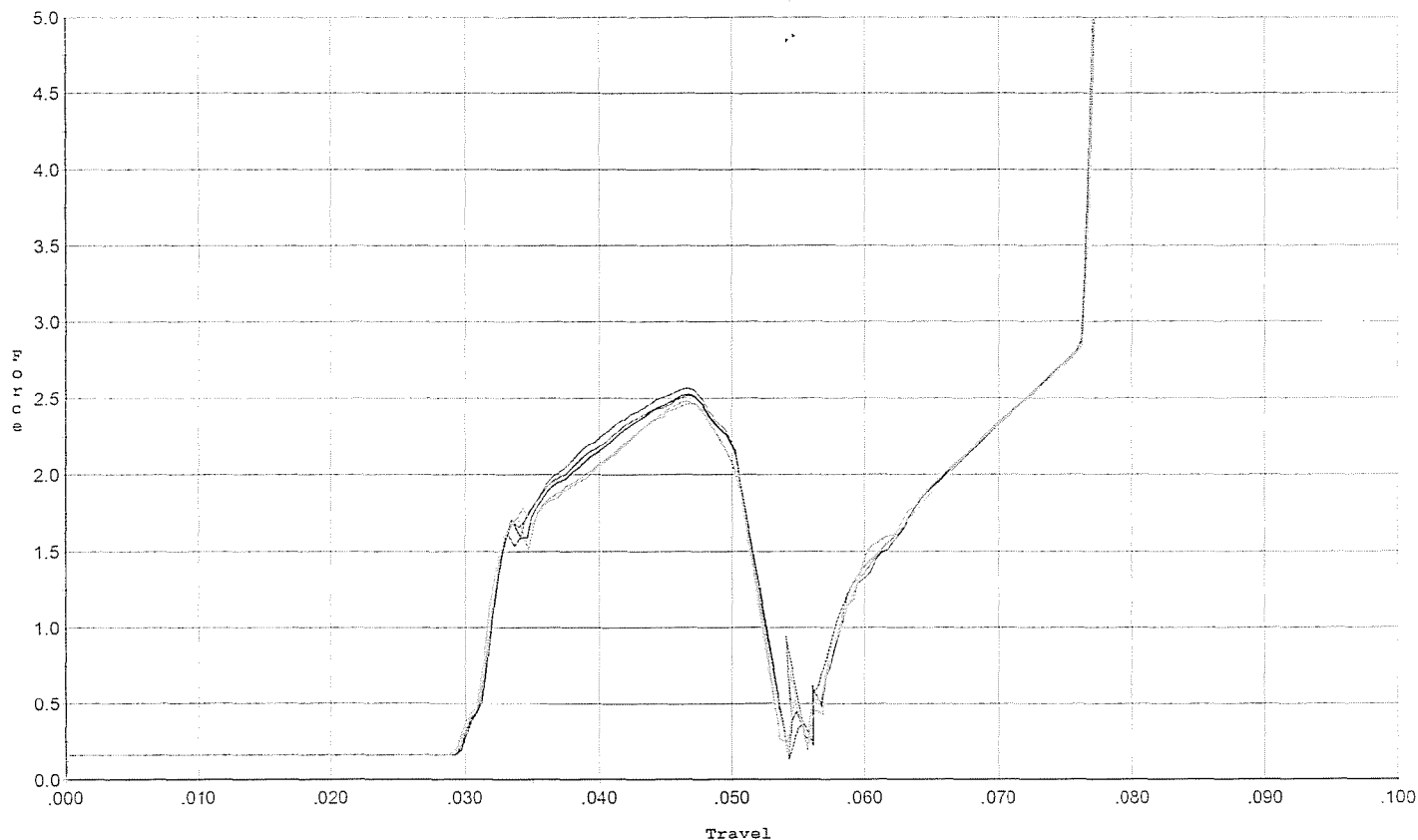
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.174	0.053	0.029	0.029	0.082		Set Trigger
2	4.163	0.054	0.029	0.029	0.083		Set Trigger
3	4.128	0.053	0.029	0.029	0.083		Set Trigger
4	4.130	0.053	0.029	0.029	0.083		Set Trigger
5	4.090	0.053	0.029	0.029	0.081		Set Trigger

Avg 4.13

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/15/07

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



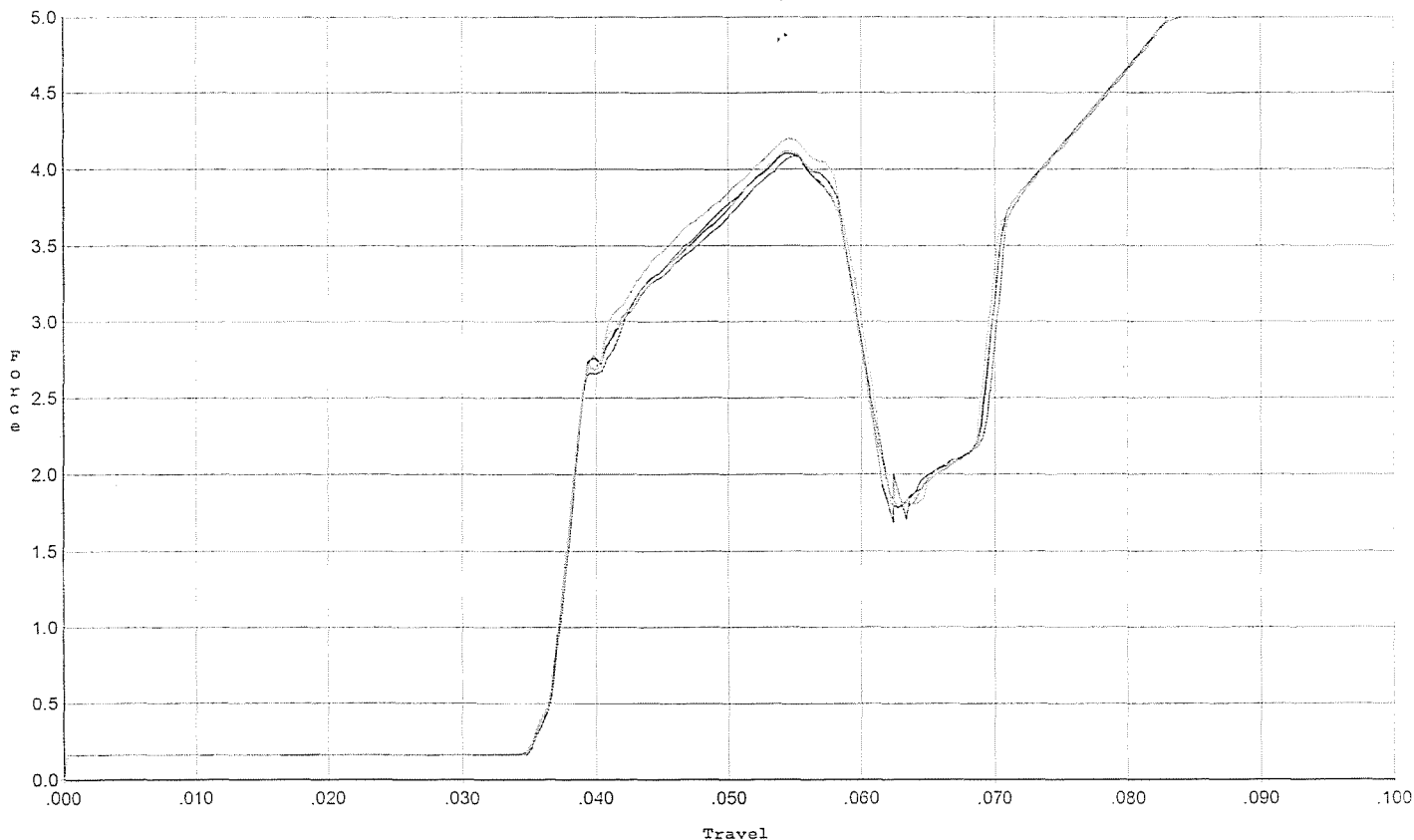
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.518	0.050	0.030	0.032	0.046		Set Trigger
2	2.524	0.052	0.030	0.032	0.048		Set Trigger
3	2.565	0.050	0.030	0.032	0.047		Set Trigger
4	2.464	0.050	0.030	0.032	0.045		Set Trigger
5	2.476	0.051	0.030	0.032	0.046		Set Trigger

Avg 2.50

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 8/15/07

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	4.117	0.058	0.035	0.029	0.082		Set Trigger
2	4.103	0.058	0.036	0.029	0.082		Set Trigger
3	4.082	0.058	0.036	0.029	0.081		Set Trigger
4	4.115	0.058	0.035	0.029	0.082		Set Trigger
5	4.203	0.060	0.036	0.029	0.086		Set Trigger

AVG 4.12

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6645324.___0
FILE DATE AND TIME: 08/28/2007 00:54

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

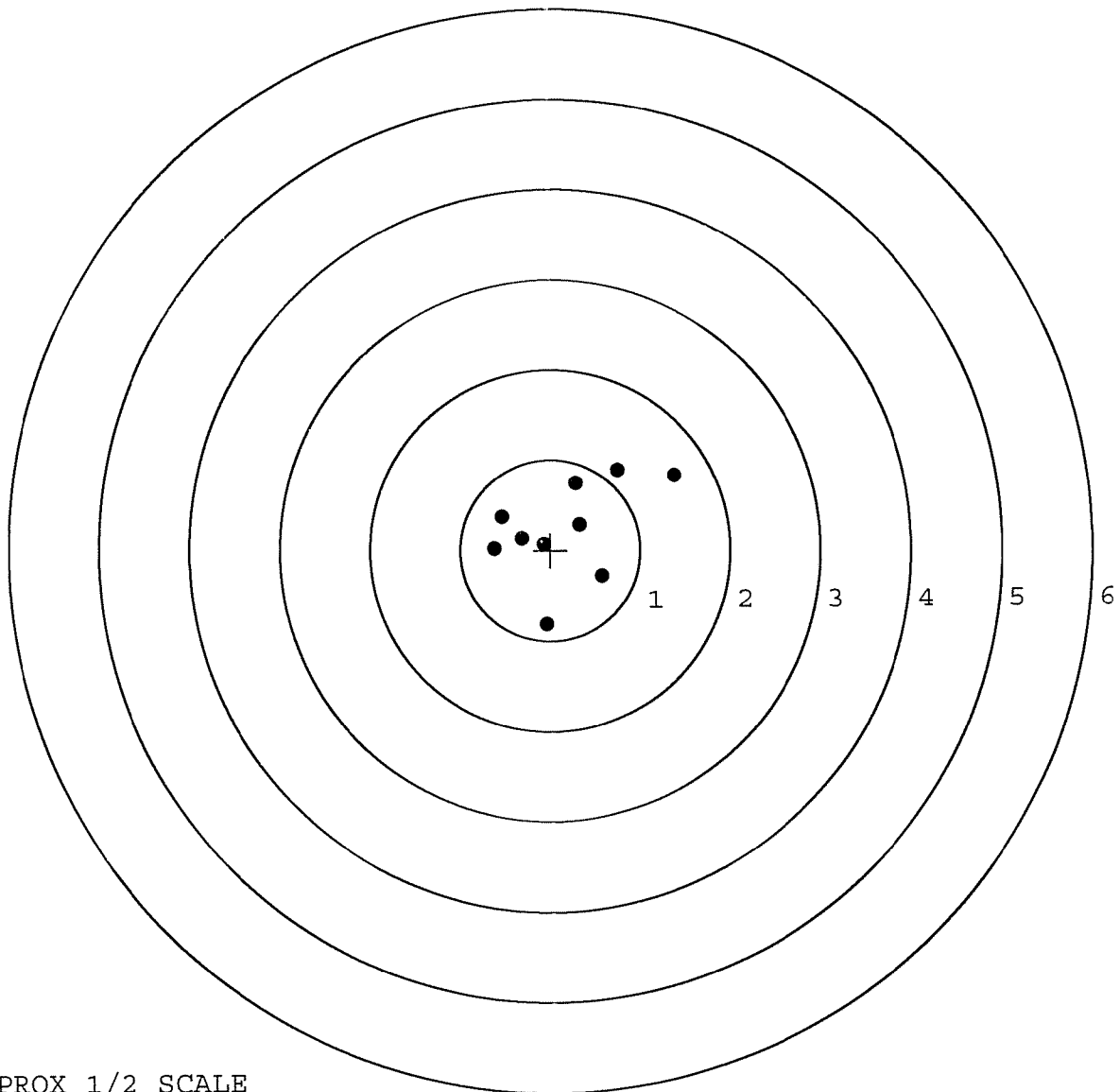
The Average X Centroid of the Five Target Set:	0.034
The Average Y Centroid of the Five Target Set:	0.096
The Average Point of Impact of the Five Target Set:	0.102
The Average Mean Radius of the Five Target Set:	0.665
The Distance from POA to Centroid Target #1:	0.279
The Distance from Centroid Target #2 to Centroid Target #1:	0.097
The Distance from Centroid Target #3 to Centroid Target #1:	0.123
The Distance from Centroid Target #4 to Centroid Target #1:	0.575
The Distance from Centroid Target #5 to Centroid Target #1:	0.574

BARBER - M24 0171523

SERIAL NUMBER: G6645324. __0
TARGET NUMBER: 1
FILE DATE: 08/28/2007
FILE TIME: 00:54

POINT#	X	Y
1:	1.381	0.820
2:	0.756	0.875
3:	0.579	-0.287
4:	-0.053	-0.826
5:	0.288	0.740
6:	-0.536	0.372
7:	-0.624	0.022
8:	-0.314	0.130
9:	-0.074	0.065
10:	0.327	0.274

X CENTROID: 0.173
Y CENTROID: 0.218
POA TO CENTROID: 0.279
HORZ SPREAD: 2.005
VERT SPREAD: 1.701
GROUP SPREAD: 2.183
MIN RADIUS: 0.164
MAX RADIUS: 1.349
MEAN RADIUS: 0.697
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



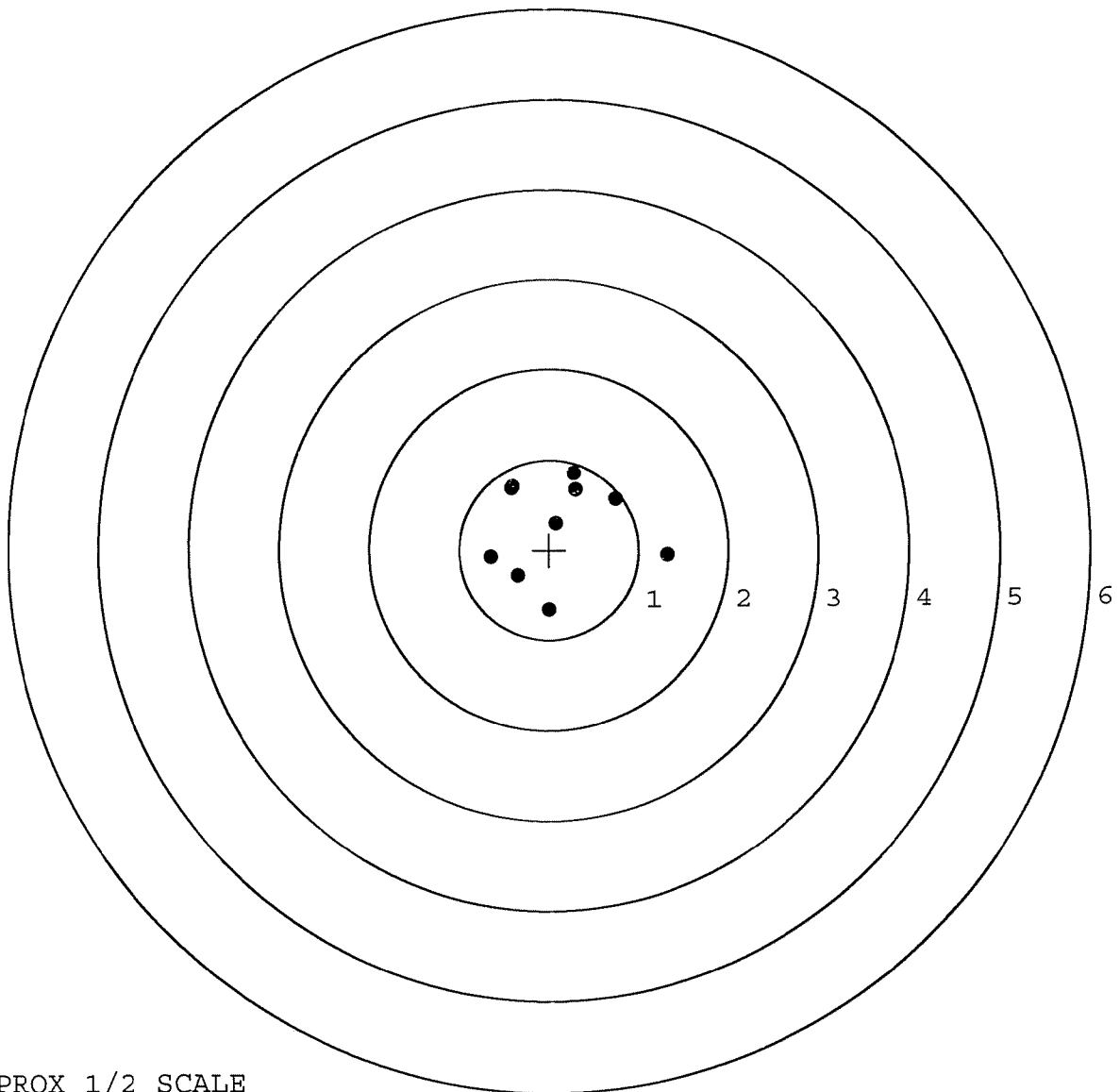
TARGET APPROX 1/2 SCALE

BARBER - M24 0171524

SERIAL NUMBER: G6645324. __0
TARGET NUMBER: 2
FILE DATE: 08/28/2007
FILE TIME: 00:54

X CENTROID: 0.090
Y CENTROID: 0.269
POA TO CENTROID: 0.284
HORZ SPREAD: 1.967
VERT SPREAD: 1.518
GROUP SPREAD: 1.967
MIN RADIUS: 0.032
MAX RADIUS: 1.272
MEAN RADIUS: 0.688
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.418	0.690
2:	0.282	0.847
3:	0.306	0.671
4:	0.751	0.565
5:	1.318	-0.061
6:	0.075	0.298
7:	-0.649	-0.074
8:	-0.348	-0.282
9:	-0.013	-0.671
10:	-0.403	-0.710



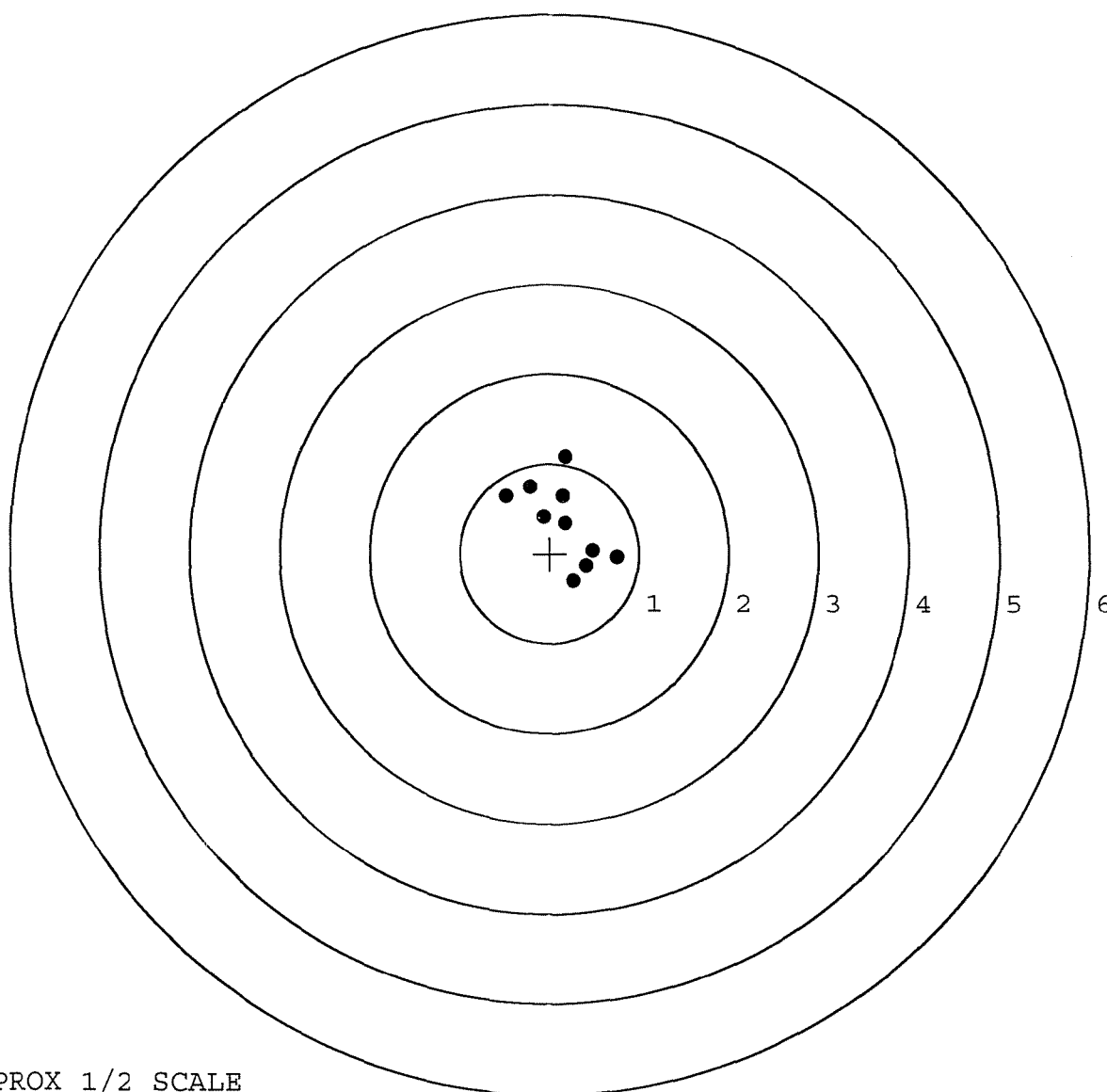
TARGET APPROX 1/2 SCALE

BARBER - M24 0171525

SERIAL NUMBER: G6645324. __0
TARGET NUMBER: 3
FILE DATE: 08/28/2007
FILE TIME: 00:54

X CENTROID: 0.164
Y CENTROID: 0.341
POA TO CENTROID: 0.378
HORZ SPREAD: 1.252
VERT SPREAD: 1.377
GROUP SPREAD: 1.380
MIN RADIUS: 0.016
MAX RADIUS: 0.733
MEAN RADIUS: 0.491
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.493	0.644
2:	-0.221	0.741
3:	-0.069	0.407
4:	0.180	0.340
5:	0.141	0.643
6:	0.178	1.074
7:	0.484	0.038
8:	0.759	-0.039
9:	0.408	-0.135
10:	0.269	-0.303



TARGET APPROX 1/2 SCALE

BARBER - M24 0171526

SERIAL NUMBER: G6645324.____0

TARGET NUMBER: 4

FILE DATE: 08/28/2007

FILE TIME: 00:54

X CENTROID: -0.360

Y CENTROID: 0.002

POA TO CENTROID: 0.360

HORZ SPREAD: 1.554

VERT SPREAD: 1.348

GROUP SPREAD: 1.581

MIN RADIUS: 0.115

MAX RADIUS: 0.881

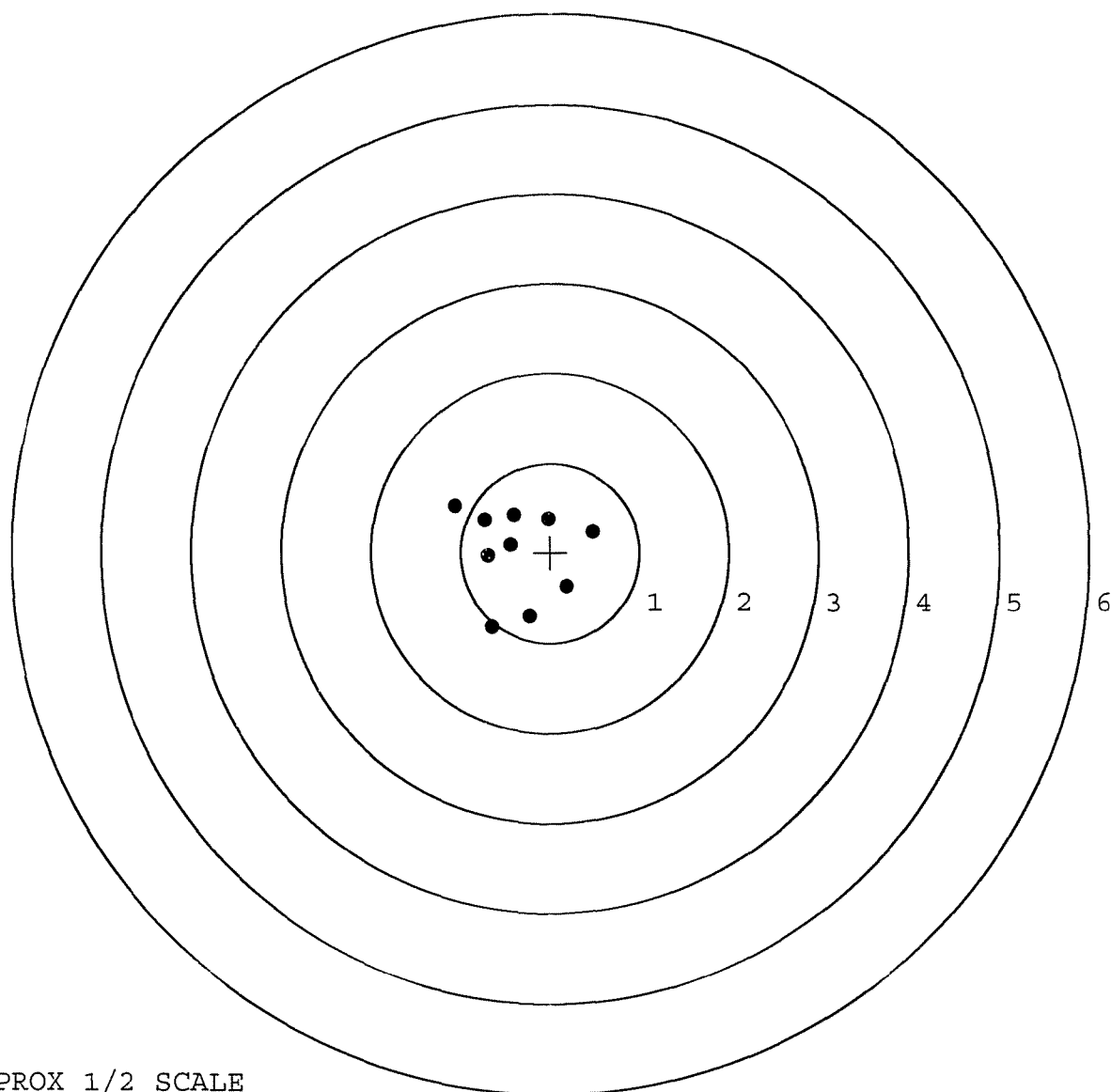
MEAN RADIUS: 0.591

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.651	-0.828
2:	-0.228	-0.712
3:	0.180	-0.383
4:	0.482	0.229
5:	-0.031	0.378
6:	-0.441	0.084
7:	-0.695	-0.045
8:	-0.734	0.365
9:	-0.407	0.415
10:	-1.072	0.520



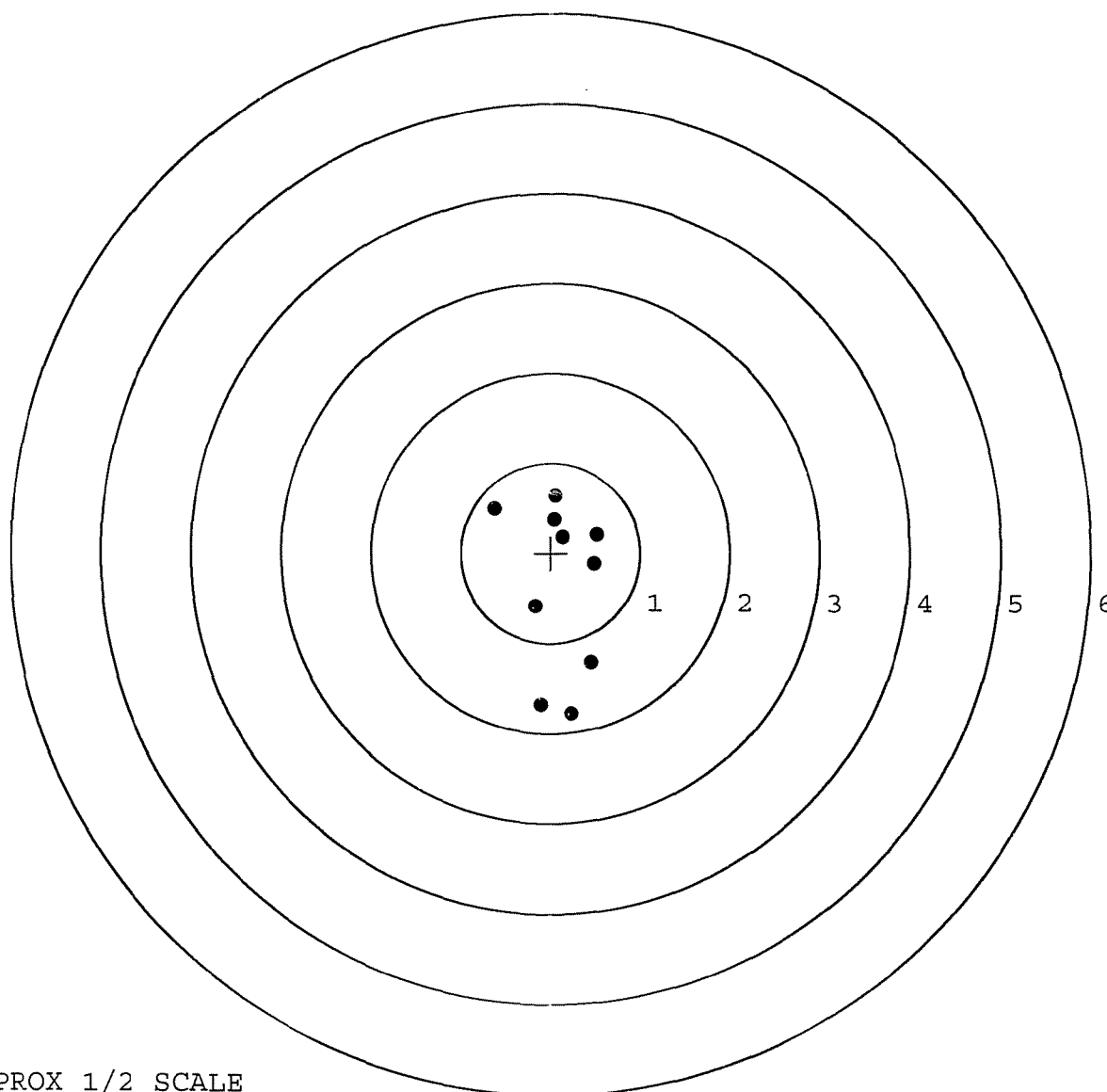
TARGET APPROX 1/2 SCALE

BARBER - M24 0171527

SERIAL NUMBER: G6645324. 0
TARGET NUMBER: 5
FILE DATE: 08/28/2007
FILE TIME: 00:54

X CENTROID: 0.102
Y CENTROID: -0.351
POA TO CENTROID: 0.366
HORZ SPREAD: 1.156
VERT SPREAD: 2.422
GROUP SPREAD: 2.431
MIN RADIUS: 0.363
MAX RADIUS: 1.437
MEAN RADIUS: 0.860
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.109	-1.684
2:	0.237	-1.782
3:	0.458	-1.218
4:	-0.172	-0.589
5:	-0.631	0.489
6:	0.525	0.205
7:	0.489	-0.122
8:	0.134	0.174
9:	0.040	0.373
10:	0.053	0.640



TARGET APPROX 1/2 SCALE