

BARBER - M24 0145870

G 463 7753

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

BARBER - M24 0145870 M2400145909

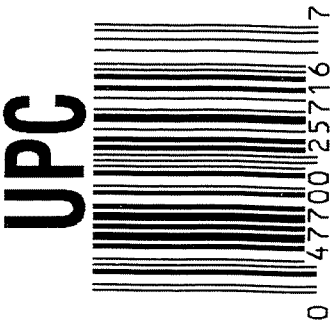
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6637753



DD FORM

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.



M-24
BARBER - M24 0145873 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6623 7753

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-5-07	RJL
420	ASSEMBLE ACTION		3-5-07	RJL
430	ASSEMBLE TO STOCK		3-5-07	RJL
440	PROOF		3-5-07	TRW
460	CHECK HEADSPACE		3-5-07	TRW
470	DIS-ASSEMBLE ACTION	INSPECTED MAR 07 2007	3-5-07	TRW
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CIP</u>	3-7-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-7-07	CW
510	DRILL AND TAP SIGHT HOLES		3-6-07	TRW
520	GOFF BLAST BBL / REC		3-7-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-13-07	WJ
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3/20/07	APD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3/20/07	APD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3/20/07	APD
	D) OIL FIRING PIN ASSEMBLY		3/20/07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		3/21/07	WJ

F004 REV 5/2006

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BARBER - M24 0145873 **M2400145912**

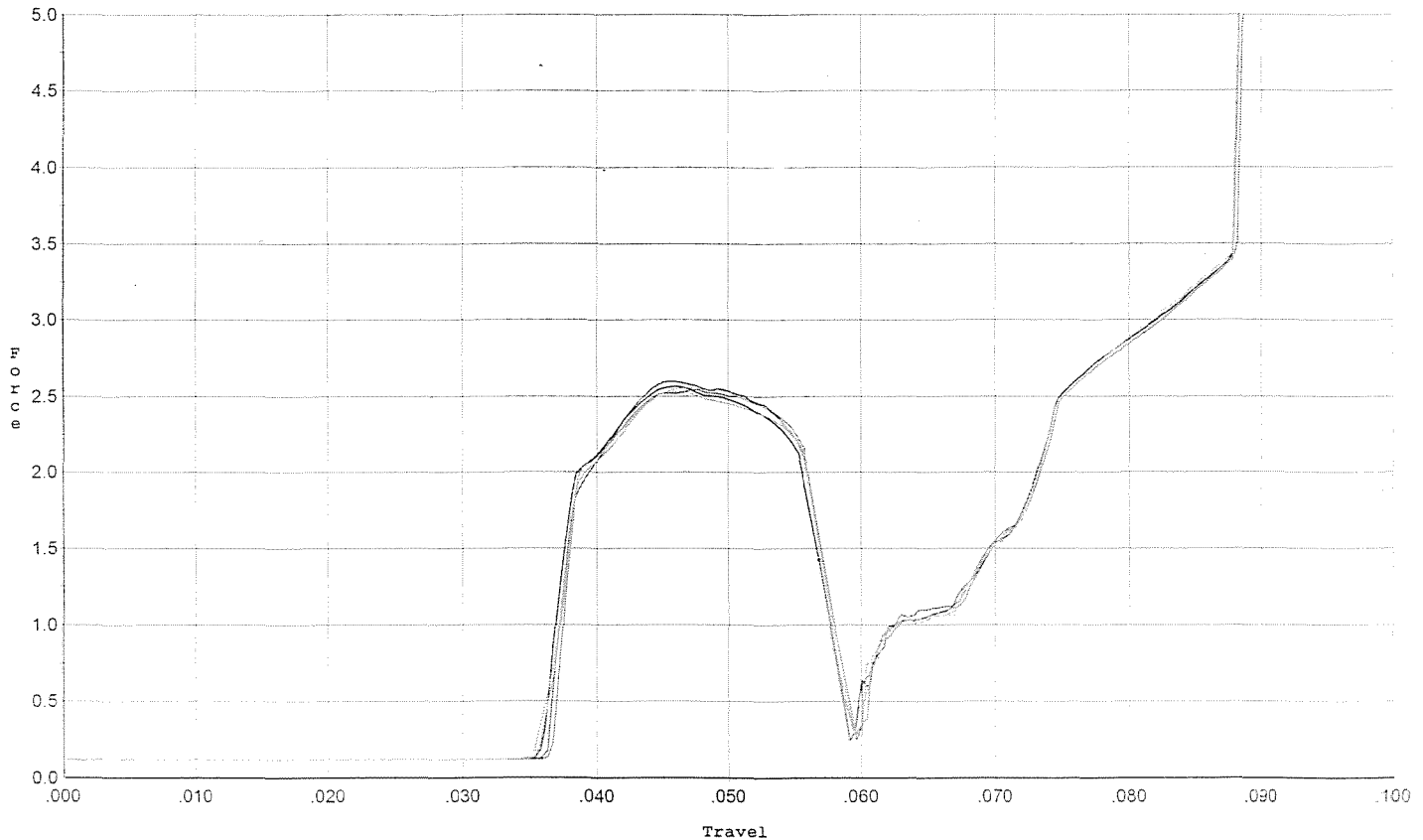
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	BARBER - M24 0145874 F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	7.25 7.5 7.0	3/21/07	non
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	4.5 4.5 4.25	3-21-07	non
	H) TRIGGER PULL TEST AND RETAINABILITY		3-21-07	non
	I) FIRING PIN INDENT .020 MIN	.024 .024 .024	3-21-07	non
	J) ASSEMBLE STOCK		3/20/07	APD
	K) ASSEMBLE SWIVEL STUDS		3/21/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/5/07	non
	M) IRON SIGHT ALIGNMENT		4/5/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/5/07	non
640 & 650	FUNCTION TEST AND TARGET	PASS PASS FAIL FAIL	3-21-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		3-21-07	Fm
670	FINAL INSPECTION A) HEADSPACE		3-21-07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.24 2.28 2.83 2.35 2.40	3-21-07	non
	C) FUNCTION		3-21-07	non
690	PACK		4/10/07	RA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/06/07

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



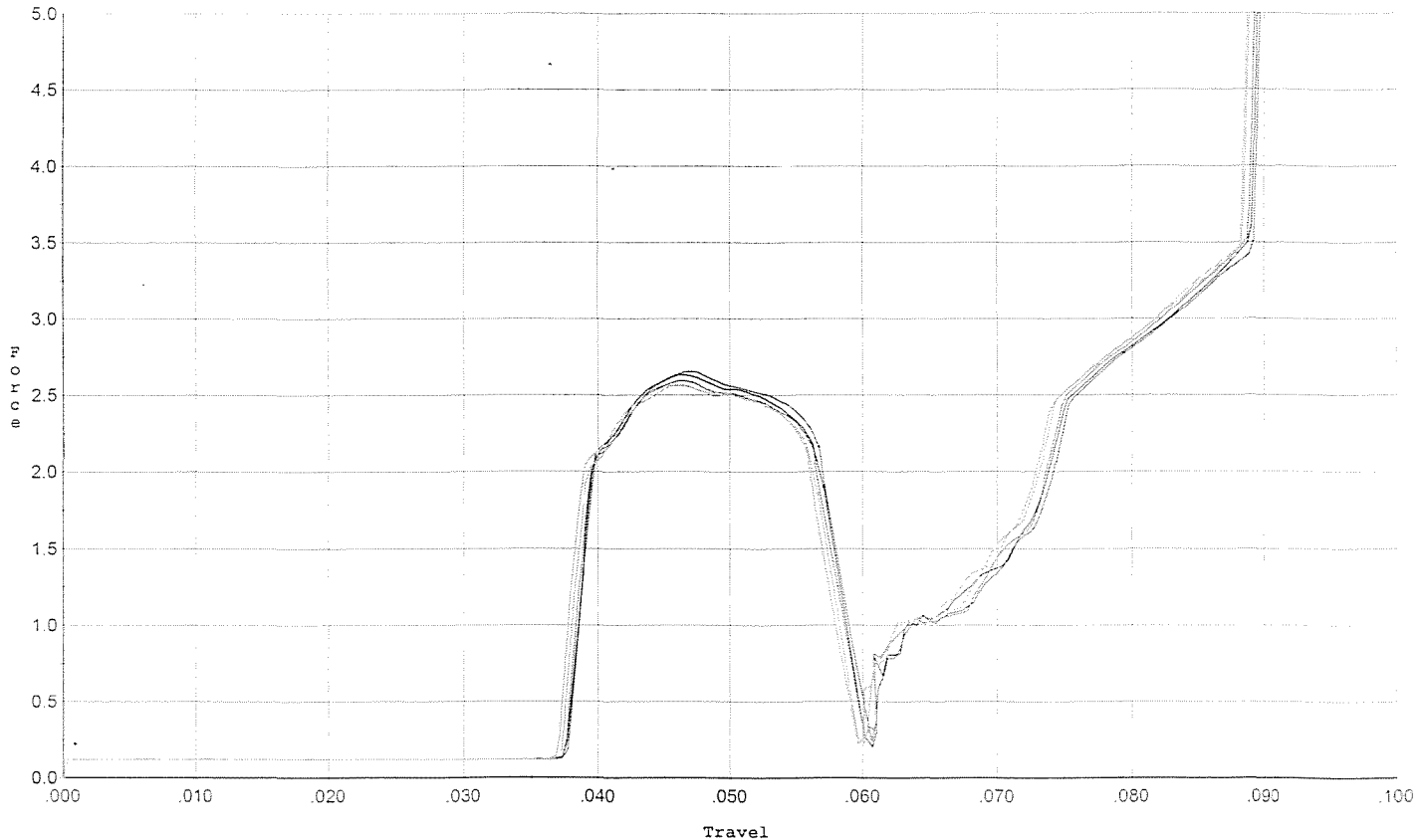
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.599	0.056	0.036	0.037	0.050		Set Trigger
2	2.566	0.057	0.036	0.037	0.050		Set Trigger
3	2.544	0.056	0.037	0.037	0.049		Set Trigger
4	2.530	0.056	0.036	0.037	0.049		Set Trigger
5	2.558	0.056	0.036	0.037	0.049		Set Trigger

AVG 2.55

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/06/07

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



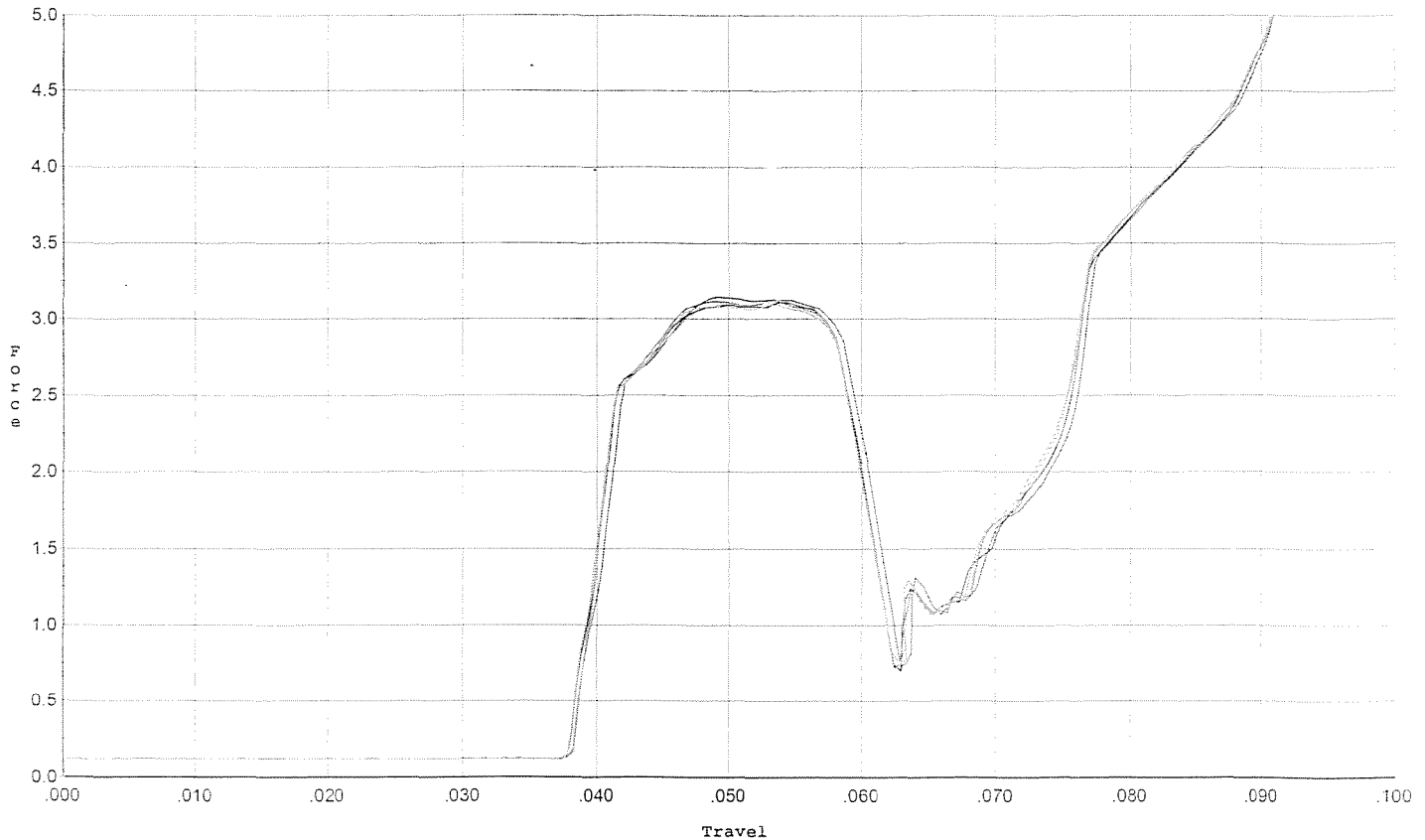
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.654	0.057	0.038	0.038	0.050		Set Trigger
2	2.634	0.057	0.038	0.038	0.050		Set Trigger
3	2.593	0.058	0.038	0.038	0.050		Set Trigger
4	2.564	0.057	0.037	0.038	0.049		Set Trigger
5	2.567	0.056	0.037	0.038	0.049		Set Trigger

Avg 2.60

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/06/07

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



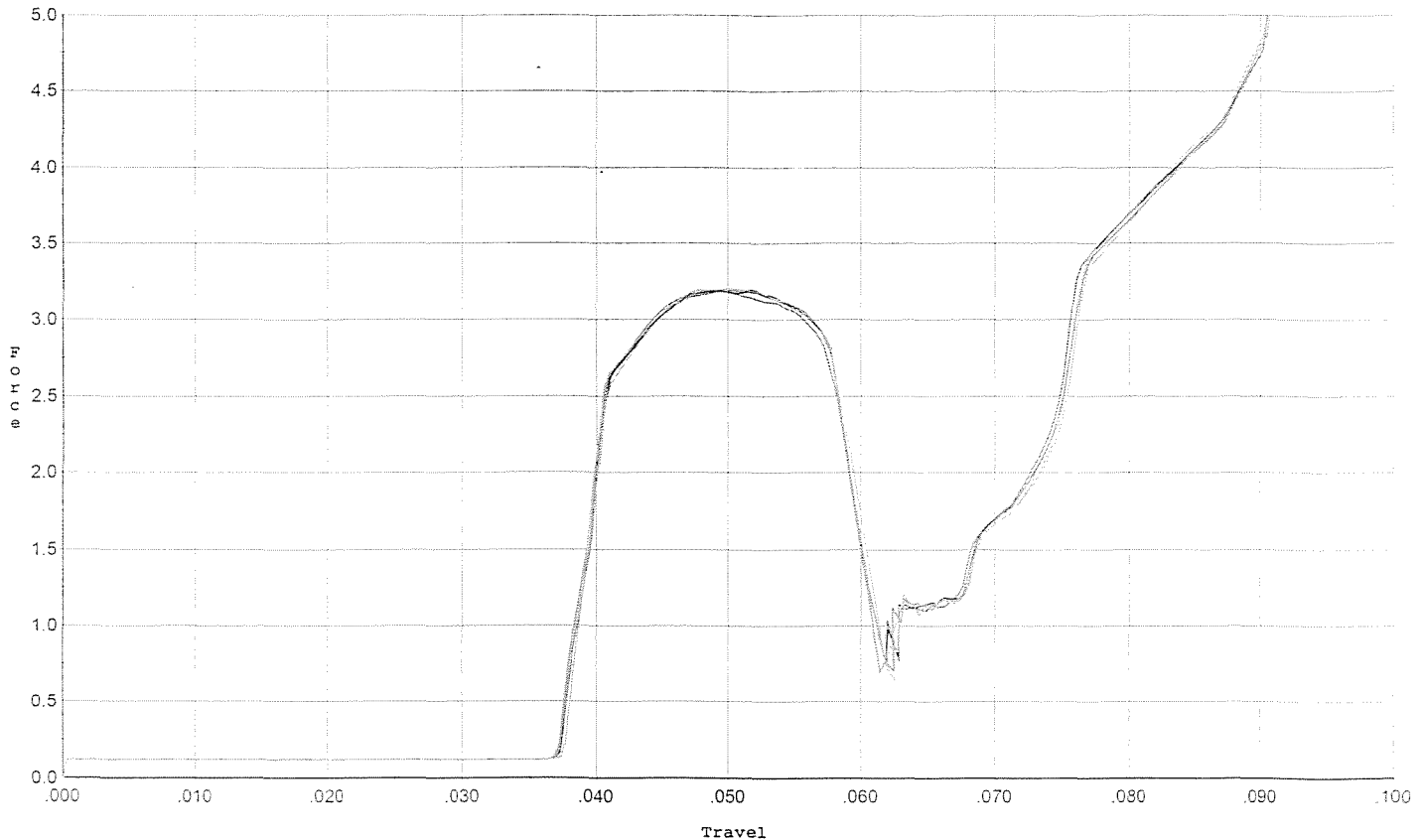
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.147	0.060	0.038	0.037	0.064		Set Trigger
2	3.111	0.060	0.038	0.037	0.063		Set Trigger
3	3.119	0.060	0.038	0.037	0.063		Set Trigger
4	3.099	0.058	0.038	0.038	0.061		Set Trigger
5	3.125	0.058	0.038	0.038	0.061		Set Trigger

AVG 3.12

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/06/07

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



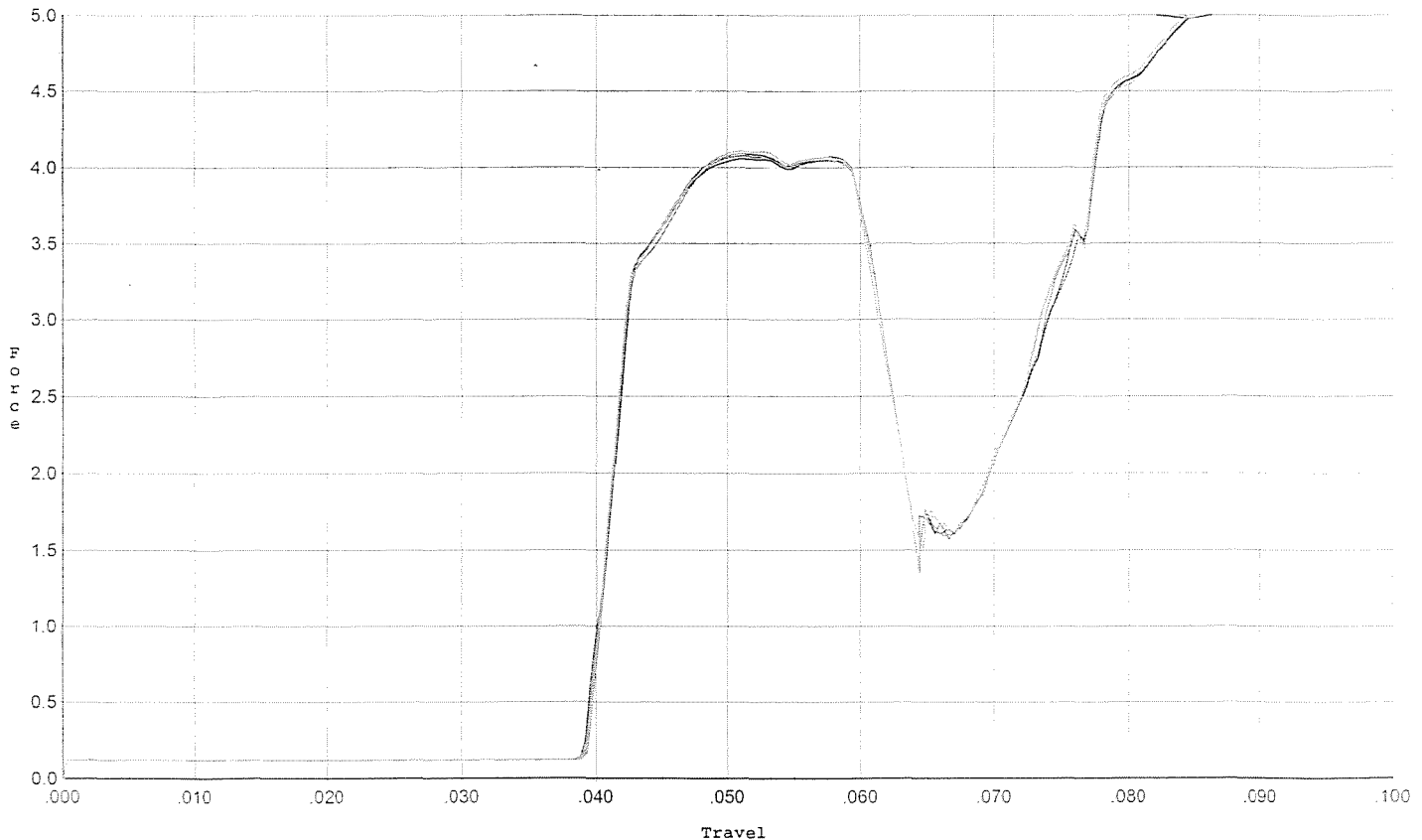
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.199	0.058	0.037	0.037	0.063		Set Trigger
2	3.199	0.058	0.038	0.038	0.063		Set Trigger
3	3.188	0.058	0.037	0.038	0.063		Set Trigger
4	3.201	0.059	0.037	0.037	0.065		Set Trigger
5	3.204	0.058	0.038	0.038	0.063		Set Trigger

Avg 3.19

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/06/07

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



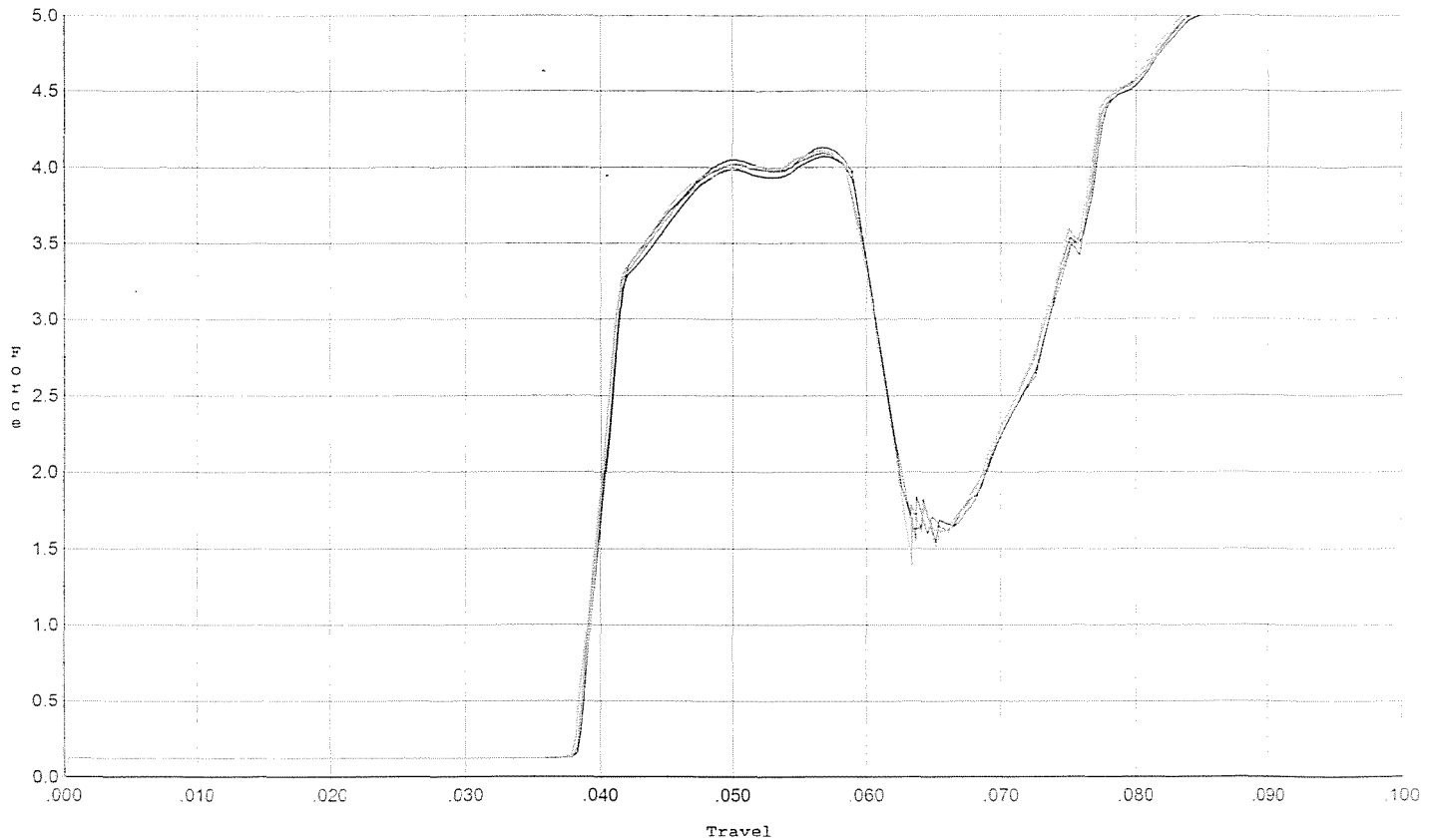
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.096	0.061	0.040	0.036	0.084		Set Trigger
2	4.057	0.061	0.039	0.035	0.084		Set Trigger
3	4.079	0.061	0.039	0.035	0.084		Set Trigger
4	4.091	0.061	0.039	0.035	0.084		Set Trigger
5	4.107	0.059	0.039	0.036	0.082		Set Trigger

Avg 4.08

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/06/07

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



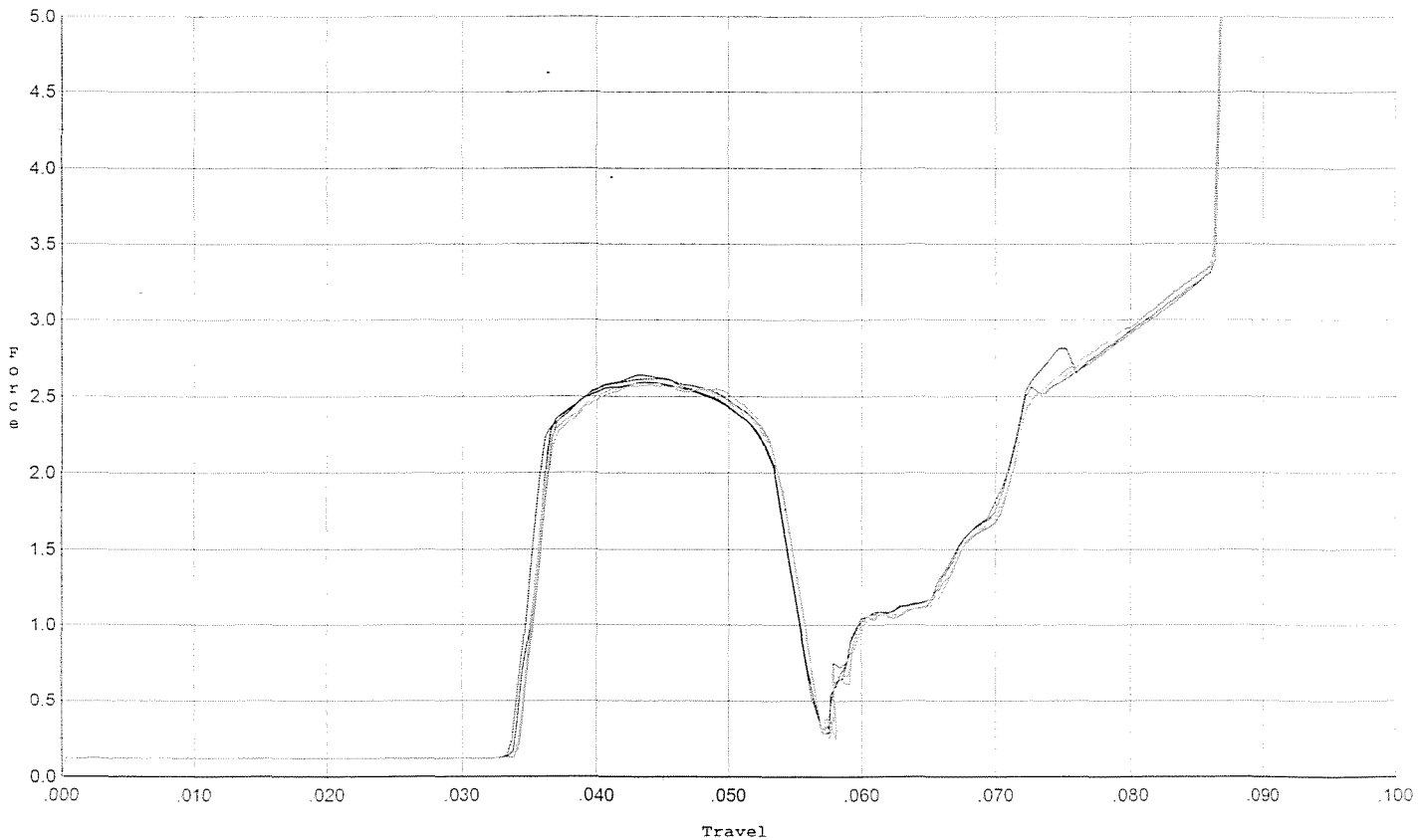
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.131	0.059	0.038	0.036	0.082		Set Trigger
2	4.072	0.059	0.039	0.036	0.082		Set Trigger
3	4.093	0.060	0.038	0.036	0.083		Set Trigger
4	4.106	0.060	0.038	0.035	0.084		Set Trigger
5	4.111	0.060	0.038	0.035	0.083		Set Trigger

AVG 4.10

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/06/07

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



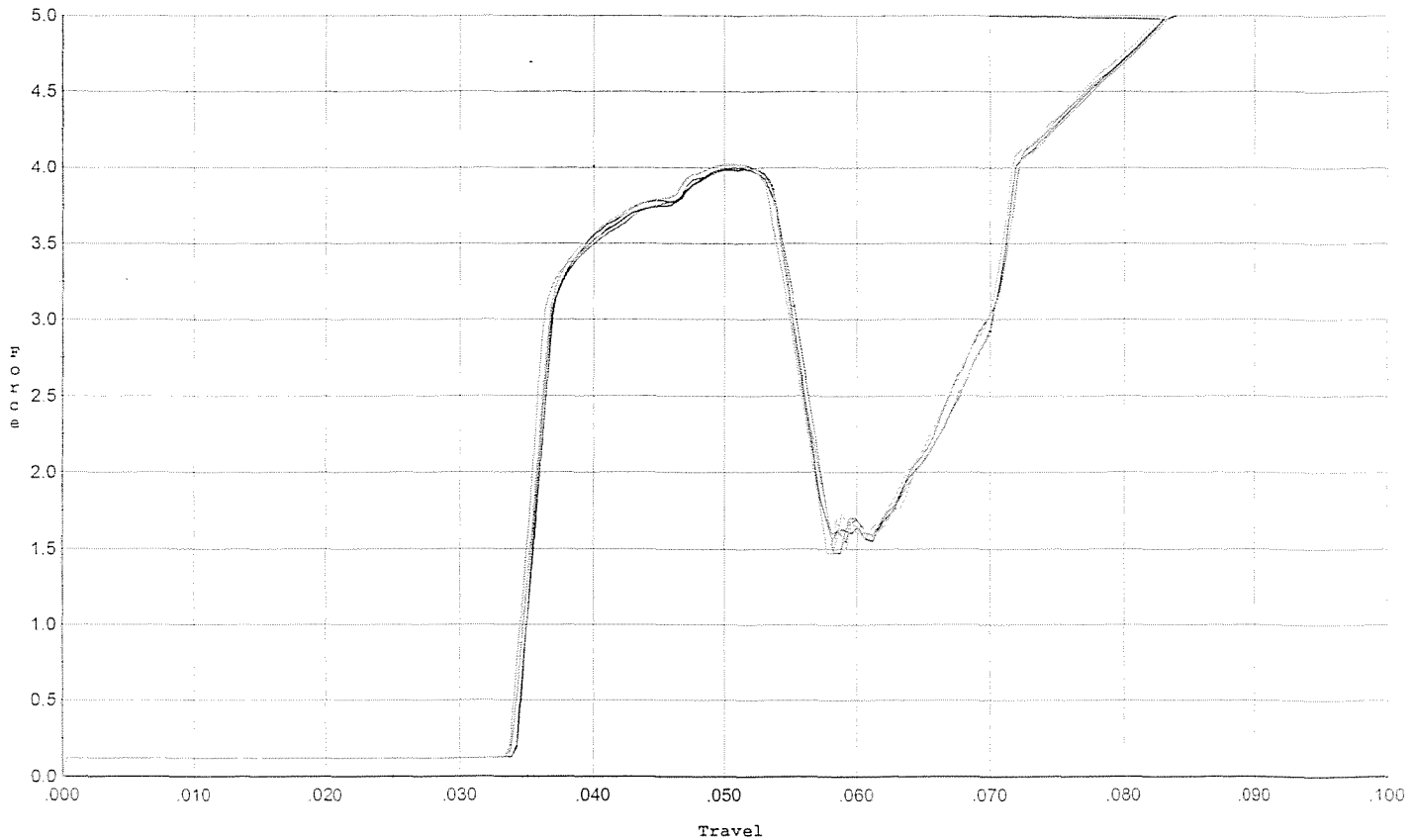
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.639	0.053	0.034	0.036	0.051		Set Trigger
2	2.591	0.053	0.034	0.037	0.050		Set Trigger
3	2.613	0.054	0.034	0.036	0.051		Set Trigger
4	2.588	0.054	0.034	0.036	0.050		Set Trigger
5	2.573	0.054	0.034	0.036	0.051		Set Trigger

Avg 2.60

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/06/07

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	4.001	0.054	0.034	0.035	0.076		Set Trigger
2	3.992	0.054	0.034	0.035	0.075		Set Trigger
3	4.011	0.055	0.034	0.035	0.078		Set Trigger
4	4.028	0.054	0.034	0.035	0.077		Set Trigger
5	4.018	0.055	0.034	0.035	0.078		Set Trigger

AVG 4.01

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637753.___0
FILE DATE AND TIME: 03/21/2007 11:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

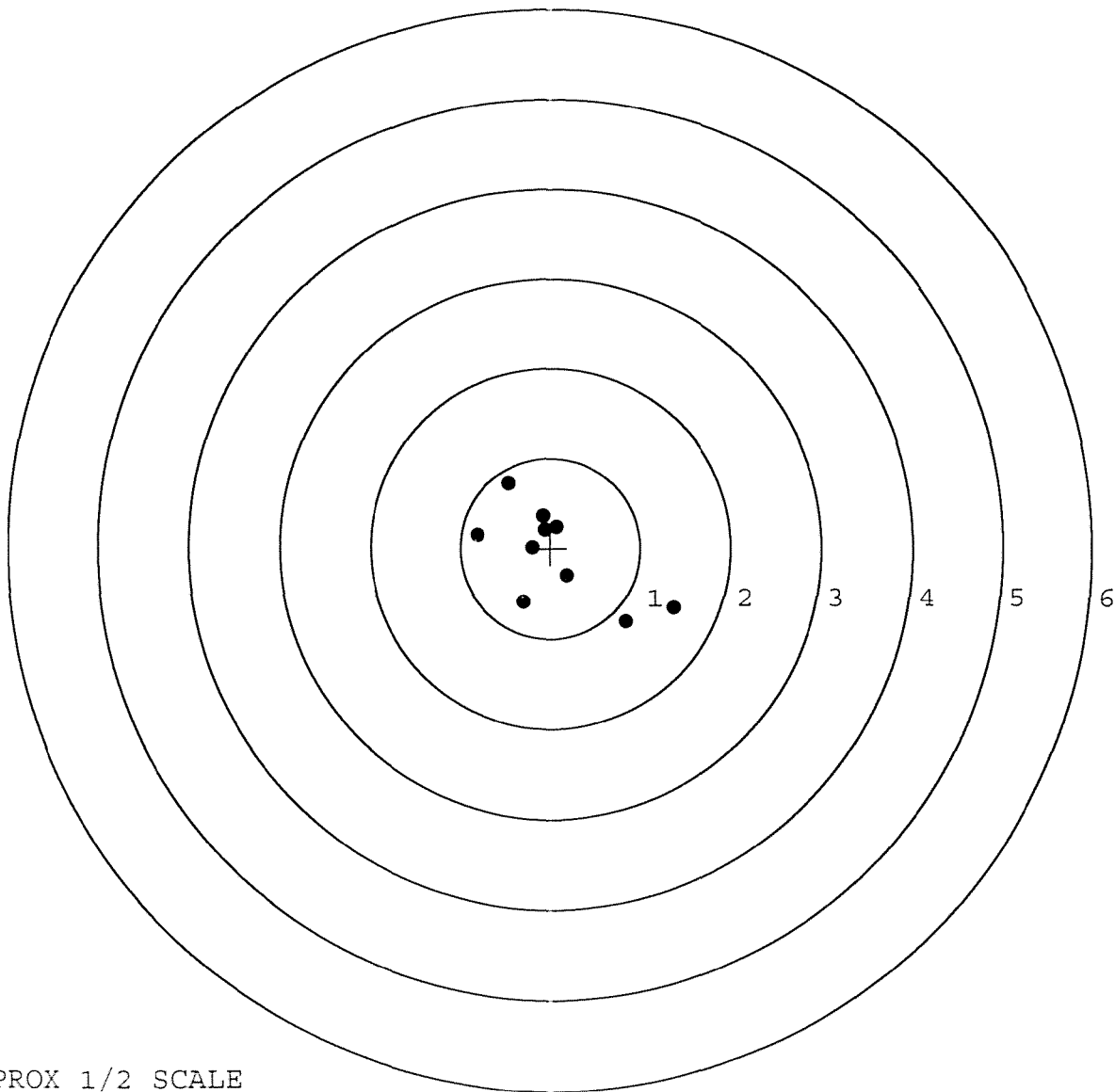
The Average X Centroid of the Five Target Set:	0.078
The Average Y Centroid of the Five Target Set:	-0.108
The Average Point of Impact of the Five Target Set:	0.133
The Average Mean Radius of the Five Target Set:	0.737
The Distance from POA to Centroid Target #1:	0.091
The Distance from Centroid Target #2 to Centroid Target #1:	0.275
The Distance from Centroid Target #3 to Centroid Target #1:	0.154
The Distance from Centroid Target #4 to Centroid Target #1:	0.258
The Distance from Centroid Target #5 to Centroid Target #1:	0.093

BARBER - M24 0145884

SERIAL NUMBER: G6637753. __0
TARGET NUMBER: 1
FILE DATE: 03/21/2007
FILE TIME: 11:35

X CENTROID: 0.056
Y CENTROID: -0.072
POA TO CENTROID: 0.091
HORZ SPREAD: 2.180
VERT SPREAD: 1.535
GROUP SPREAD: 2.324
MIN RADIUS: 0.265
MAX RADIUS: 1.441
MEAN RADIUS: 0.658
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.369	-0.664
2:	0.846	-0.815
3:	0.185	-0.303
4:	-0.295	-0.595
5:	-0.811	0.142
6:	-0.462	0.720
7:	0.073	0.229
8:	-0.084	0.359
9:	-0.203	0.007
10:	-0.061	0.205



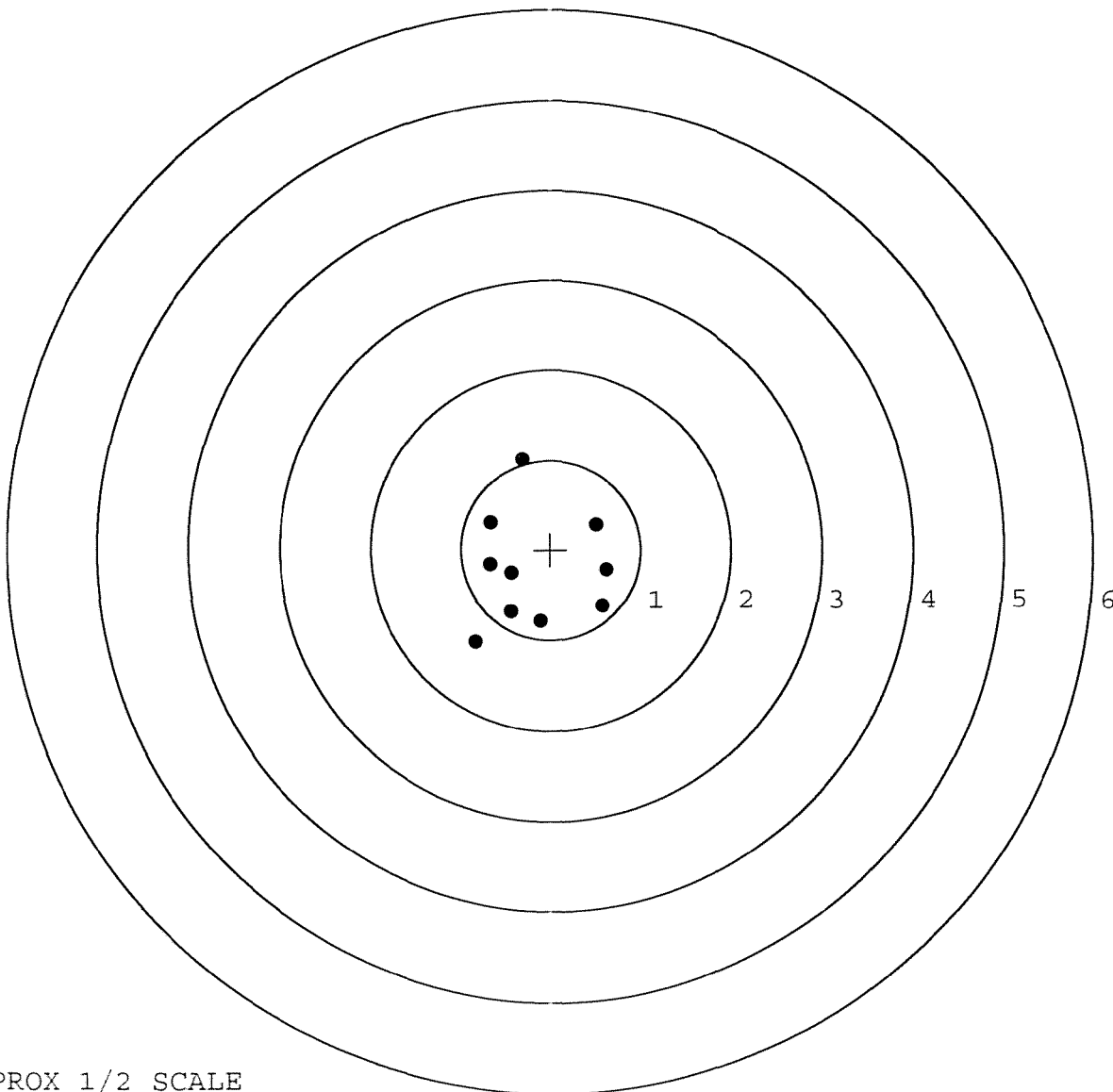
TARGET APPROX 1/2 SCALE

BARBER - M24 0145885

SERIAL NUMBER: G6637753. __0
TARGET NUMBER: 2
FILE DATE: 03/21/2007
FILE TIME: 11:35

X CENTROID: -0.176
Y CENTROID: -0.220
POA TO CENTROID: 0.282
HORZ SPREAD: 1.466
VERT SPREAD: 2.038
GROUP SPREAD: 2.106
MIN RADIUS: 0.264
MAX RADIUS: 1.237
MEAN RADIUS: 0.740
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.581	-0.625
2:	0.626	-0.226
3:	0.508	0.285
4:	-0.310	1.009
5:	-0.669	0.306
6:	-0.675	-0.172
7:	-0.436	-0.266
8:	-0.436	-0.689
9:	-0.108	-0.798
10:	-0.840	-1.029



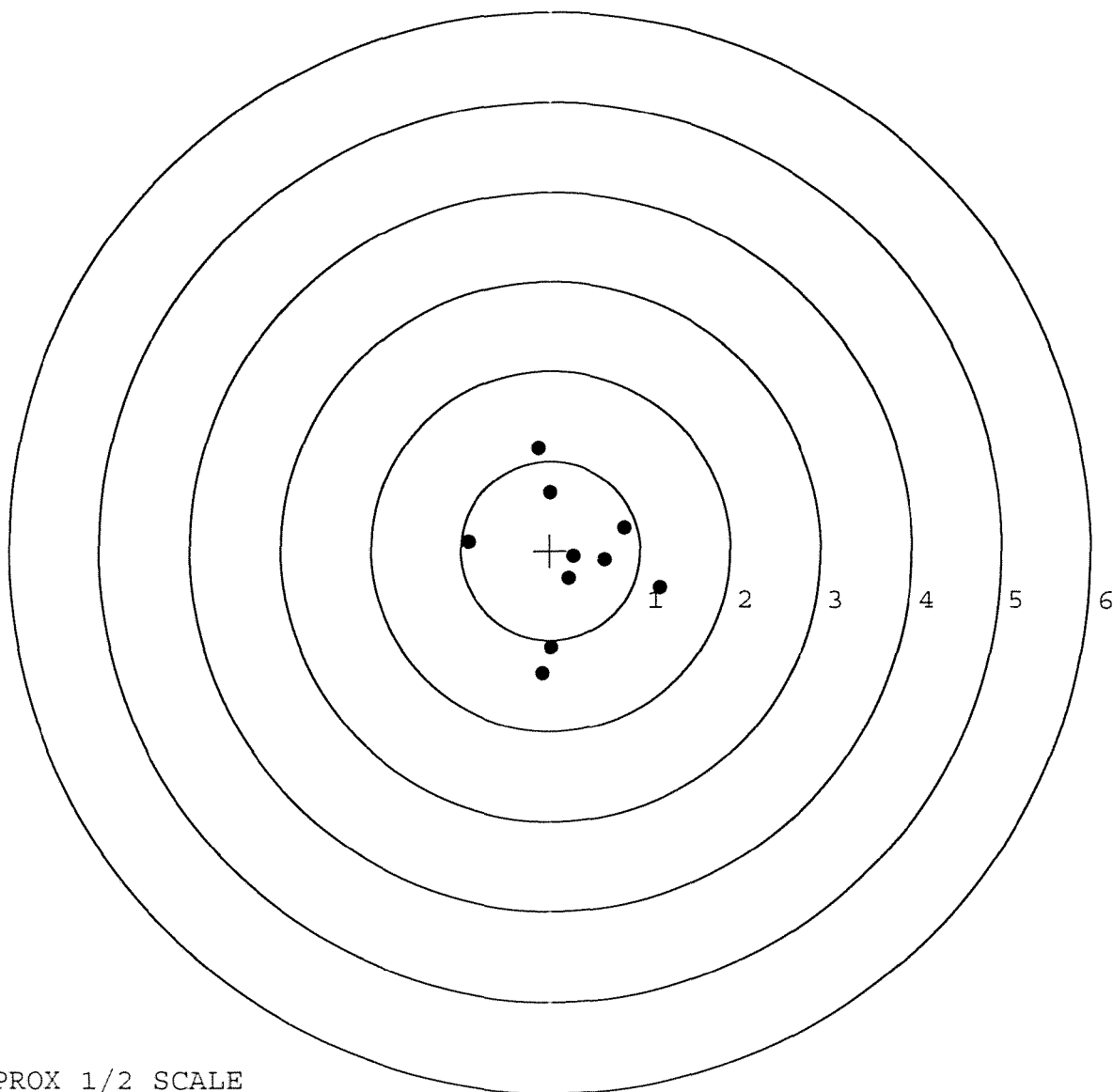
TARGET APPROX 1/2 SCALE

BARBER - M24 0145886

SERIAL NUMBER: G6637753. __0
TARGET NUMBER: 3
FILE DATE: 03/21/2007
FILE TIME: 11:35

X CENTROID: 0.200
Y CENTROID: -0.125
POA TO CENTROID: 0.236
HORZ SPREAD: 2.133
VERT SPREAD: 2.523
GROUP SPREAD: 2.523
MIN RADIUS: 0.087
MAX RADIUS: 1.310
MEAN RADIUS: 0.799
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.215	-0.415
2:	0.822	0.255
3:	0.613	-0.105
4:	0.266	-0.067
5:	0.213	-0.319
6:	0.007	-1.088
7:	-0.092	-1.380
8:	-0.918	0.088
9:	0.005	0.642
10:	-0.129	1.143



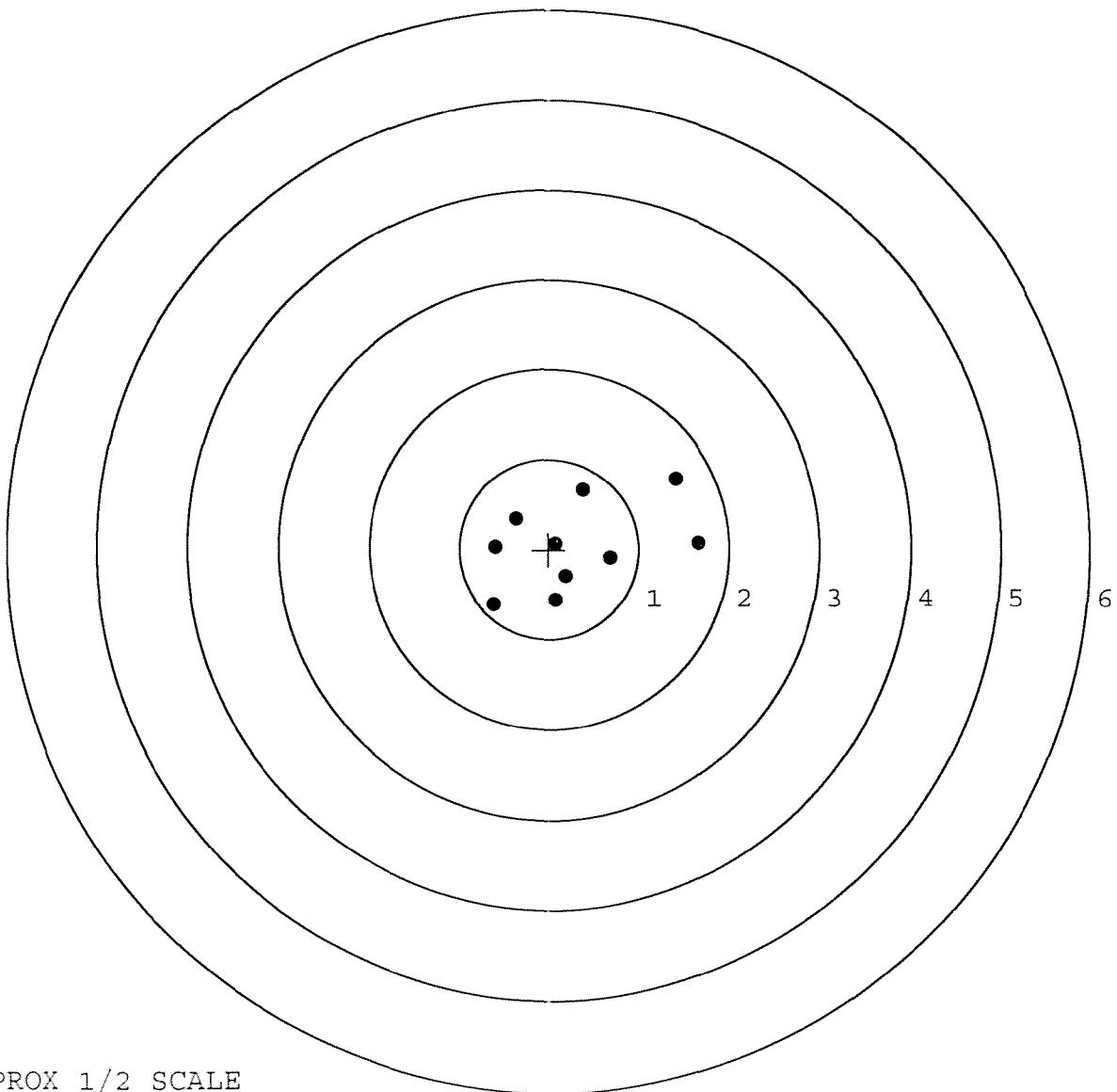
TARGET APPROX 1/2 SCALE

BARBER - M24 0145887

SERIAL NUMBER: G6637753. __0
TARGET NUMBER: 4
FILE DATE: 03/21/2007
FILE TIME: 11:35

X CENTROID: 0.291
Y CENTROID: 0.033
POA TO CENTROID: 0.293
HORZ SPREAD: 2.265
VERT SPREAD: 1.397
GROUP SPREAD: 2.369
MIN RADIUS: 0.215
MAX RADIUS: 1.363
MEAN RADIUS: 0.768
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.654	0.070
2:	1.412	0.774
3:	0.386	0.661
4:	-0.361	0.334
5:	-0.597	0.021
6:	0.079	0.066
7:	-0.611	-0.623
8:	0.075	-0.567
9:	0.193	-0.304
10:	0.681	-0.098



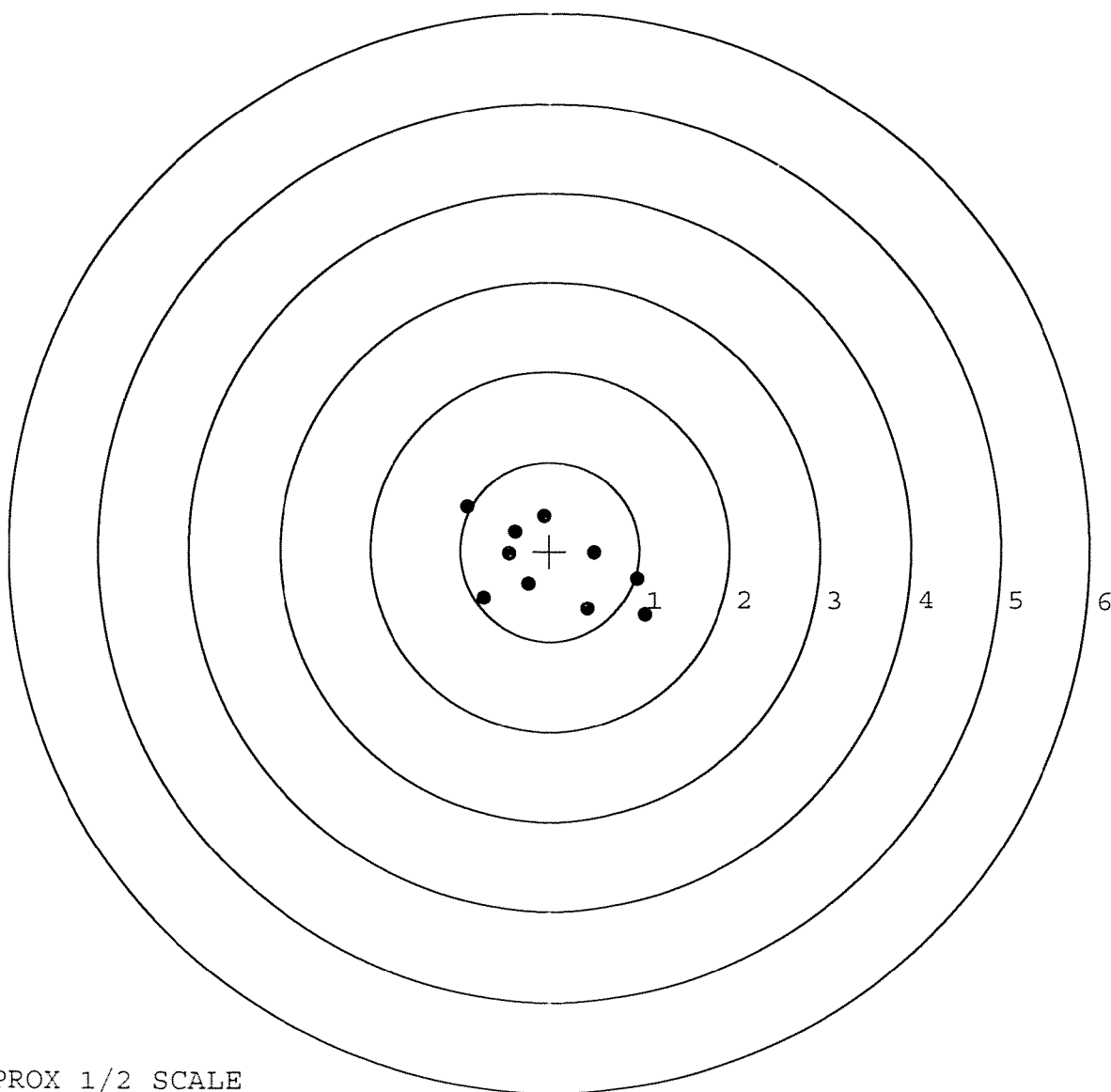
TARGET APPROX 1/2 SCALE

BARBER - M24 0145888

SERIAL NUMBER: G6637753. __0
TARGET NUMBER: 5
FILE DATE: 03/21/2007
FILE TIME: 11:35

X CENTROID: 0.017
Y CENTROID: -0.156
POA TO CENTROID: 0.157
HORZ SPREAD: 1.985
VERT SPREAD: 1.198
GROUP SPREAD: 2.318
MIN RADIUS: 0.330
MAX RADIUS: 1.185
MEAN RADIUS: 0.718
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.063	-0.714
2:	0.976	-0.318
3:	0.494	-0.021
4:	0.423	-0.648
5:	-0.236	-0.369
6:	-0.447	-0.039
7:	-0.735	-0.538
8:	-0.922	0.484
9:	-0.385	0.207
10:	-0.063	0.391



TARGET APPROX 1/2 SCALE