

G-6680278

BARBER - M24 0174387

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



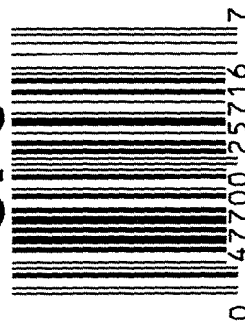
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6680278

UPC



CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0174387 M2400174426

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 0174389 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6680278

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9/12/07	SPD
420	ASSEMBLE ACTION		9-11-07	SD
430	ASSEMBLE TO STOCK		9-11-07	SD
440	PROOF	MAGNA FLUX	9/11/07	mm
460	CHECK HEADSPACE	SEP 2007	9/11/07	mm
470	DIS-ASSEMBLE ACTION		9-11-07	SD
480	MAGNAFLUX BBL ACTION	OPERATOR: JB	9-14-07	JB
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-14-07	CW
510	DRILL AND TAP SIGHT HOLES		9-13-07	SD
520	GOFF BLAST BBL / REC		9-14-07	Zy
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/18/07	JB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-19-07	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-19-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-19-07	SD
	D) OIL FIRING PIN ASSEMBLY		9/20/07	SPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	10/10/07	mm
F004 REV 5/2006				

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0174389~~ 174428

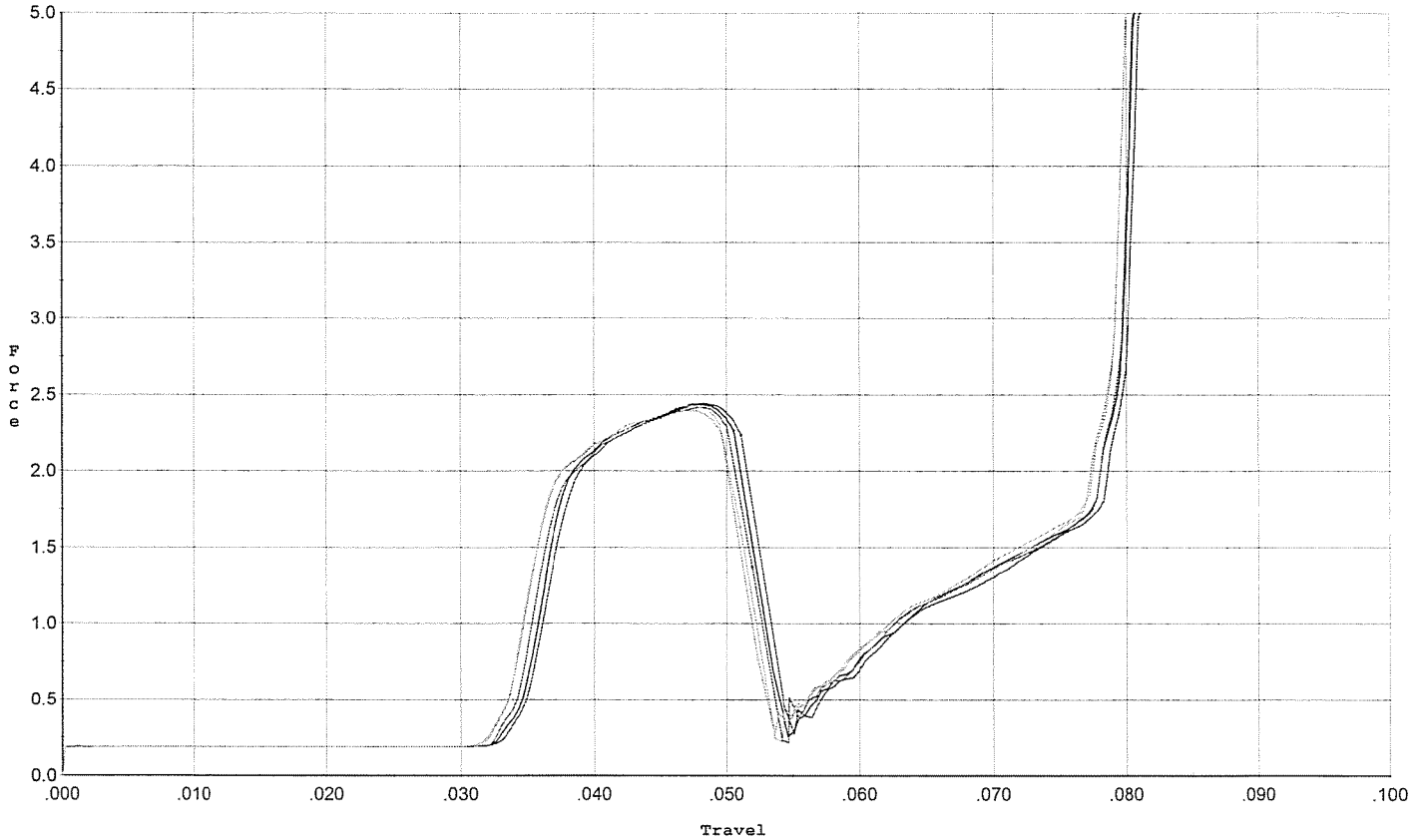
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.50</u> <u>6.25</u> <u>5.50</u>	9/24/07	mm
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.25</u> <u>4.75</u> <u>4.75</u>	9/24/07	mm
	H) TRIGGER PULL TEST AND RETAINABILITY		9/24/07	mm
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.022</u> <u>.023</u>	9/24/07	mm
	J) ASSEMBLE STOCK		9/20/07	DA
	K) ASSEMBLE SWIVEL STUDS		9/24/07	mm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10/10/07	mm
	M) IRON SIGHT ALIGNMENT		10/10/07	mm
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10/10/07	mm
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9/21/07	mm
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-21-07	SD
670	FINAL INSPECTION A) HEADSPACE		9/24/07	mm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.81</u> <u>2.79</u> <u>2.70</u> <u>2.60</u> <u>2.60</u>	9-24-07	DA
	C) FUNCTION		9/24/07	mm
690	PACK		10/11/07	DA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 9/19/07

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



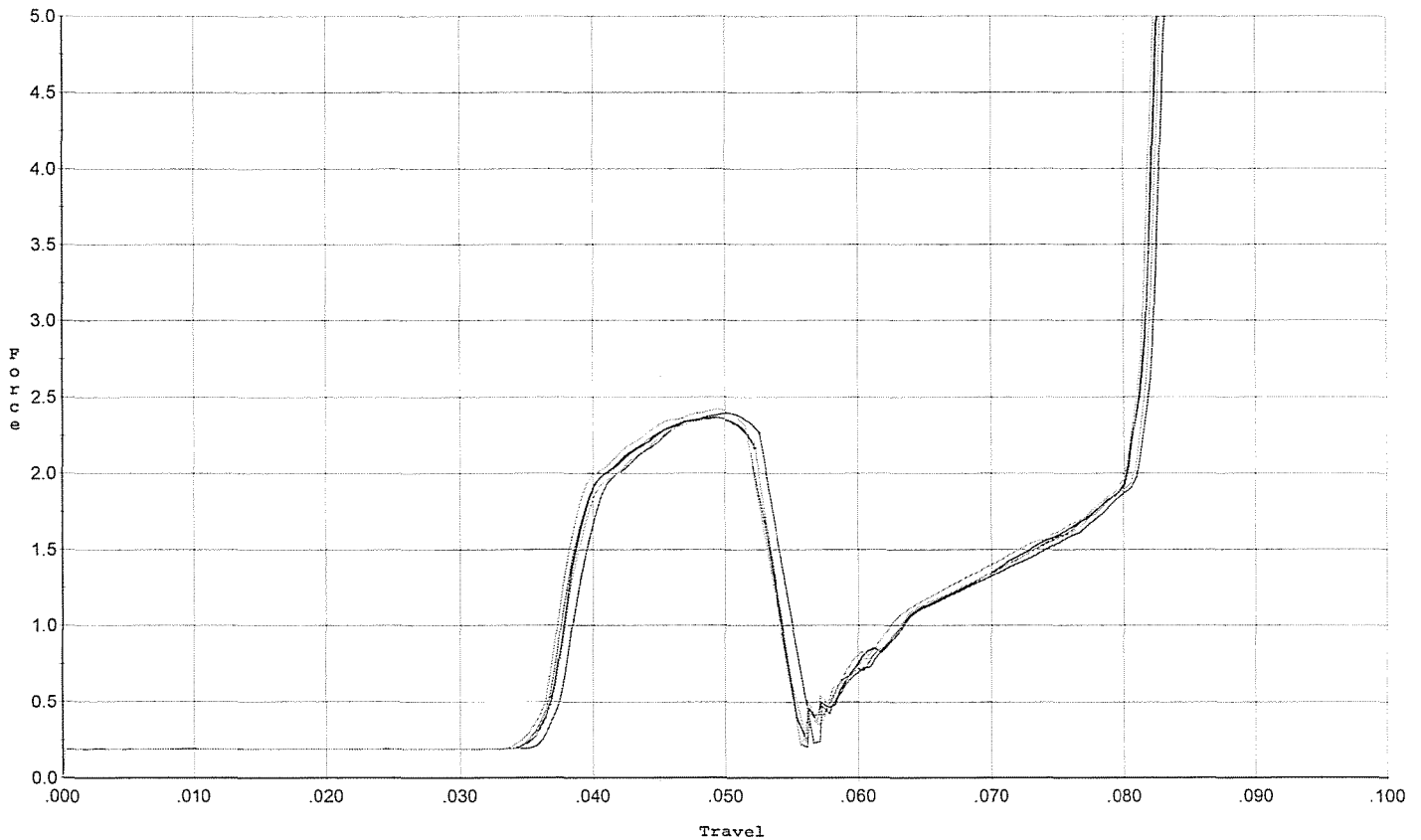
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.445	0.051	0.034	0.035	0.042		Set Trigger
2	2.439	0.051	0.034	0.035	0.042		Set Trigger
3	2.418	0.052	0.033	0.035	0.043		Set Trigger
4	2.428	0.051	0.033	0.035	0.043		Set Trigger
5	2.397	0.050	0.033	0.035	0.041		Set Trigger

AVG 2.42

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/19/07

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



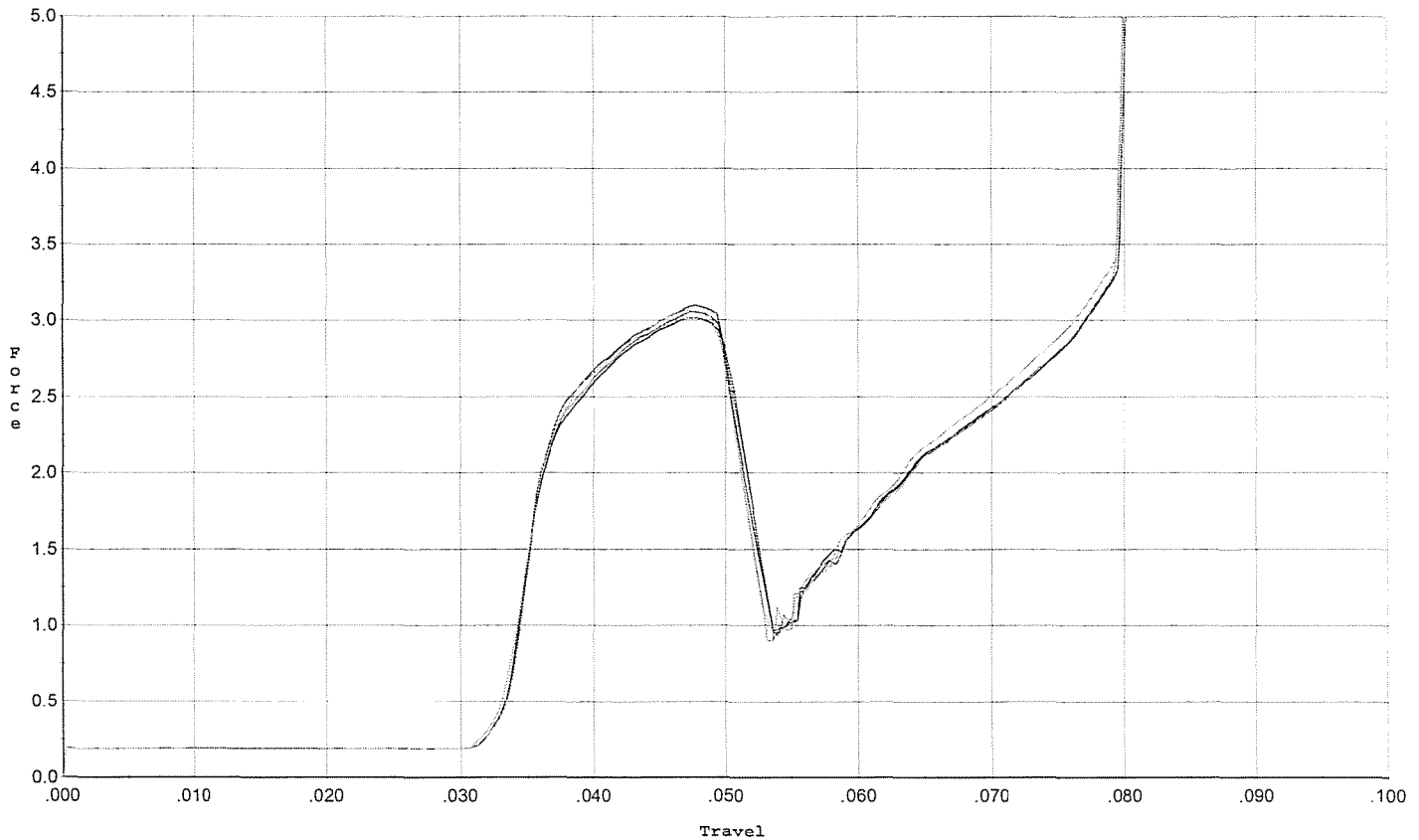
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.398	0.053	0.037	0.037	0.040		Set Trigger
2	2.366	0.052	0.036	0.036	0.040		Set Trigger
3	2.366	0.053	0.036	0.036	0.041		Set Trigger
4	2.363	0.052	0.036	0.036	0.040		Set Trigger
5	2.423	0.053	0.035	0.036	0.042		Set Trigger

Avg 2.38

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/19/07

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



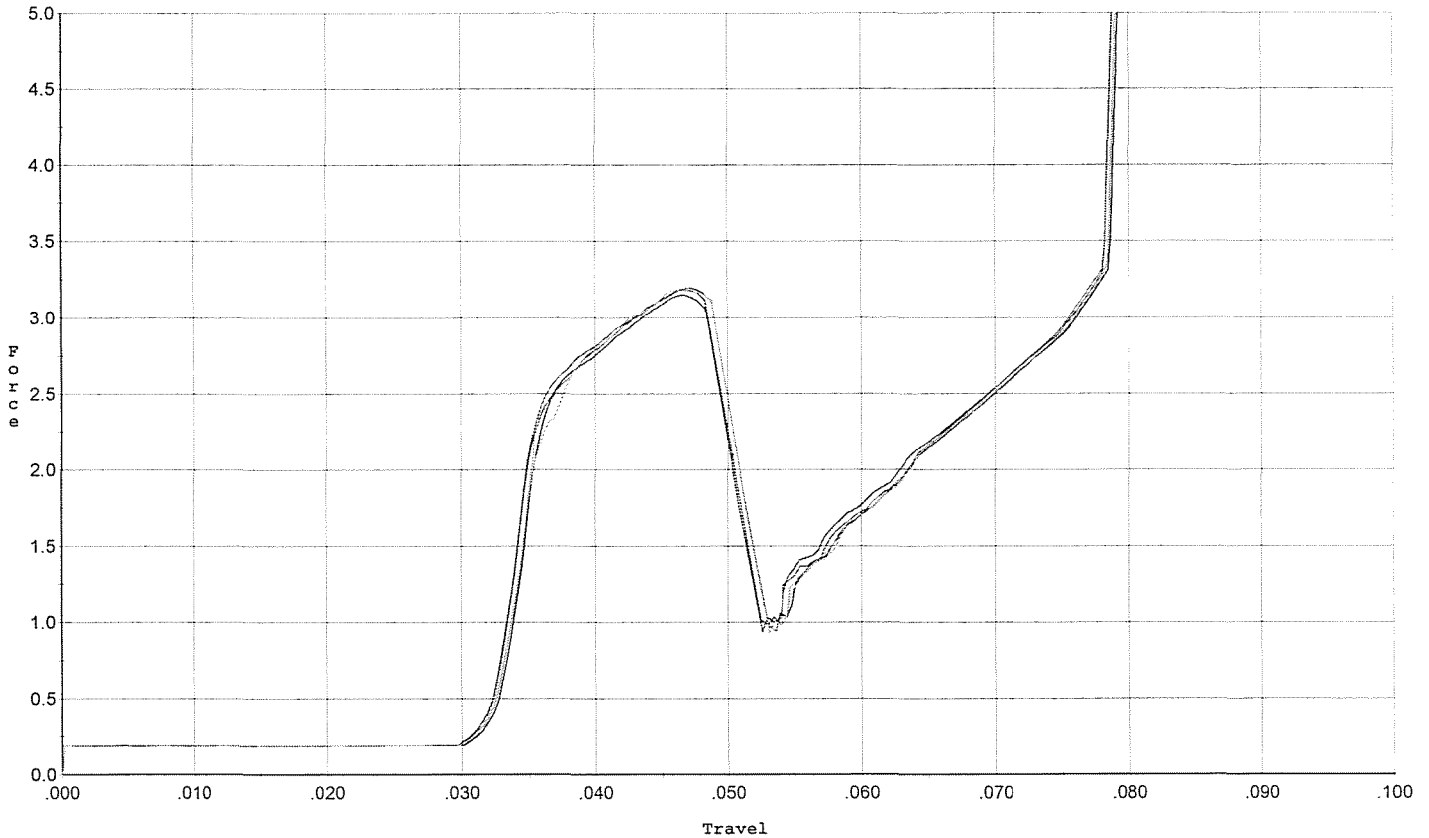
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.101	0.051	0.032	0.034	0.052		Set Trigger
2	3.016	0.050	0.033	0.034	0.049		Set Trigger
3	3.057	0.051	0.032	0.034	0.052		Set Trigger
4	3.017	0.050	0.033	0.034	0.050		Set Trigger
5	3.065	0.050	0.033	0.034	0.050		Set Trigger

Avg 3.05

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/19/07

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



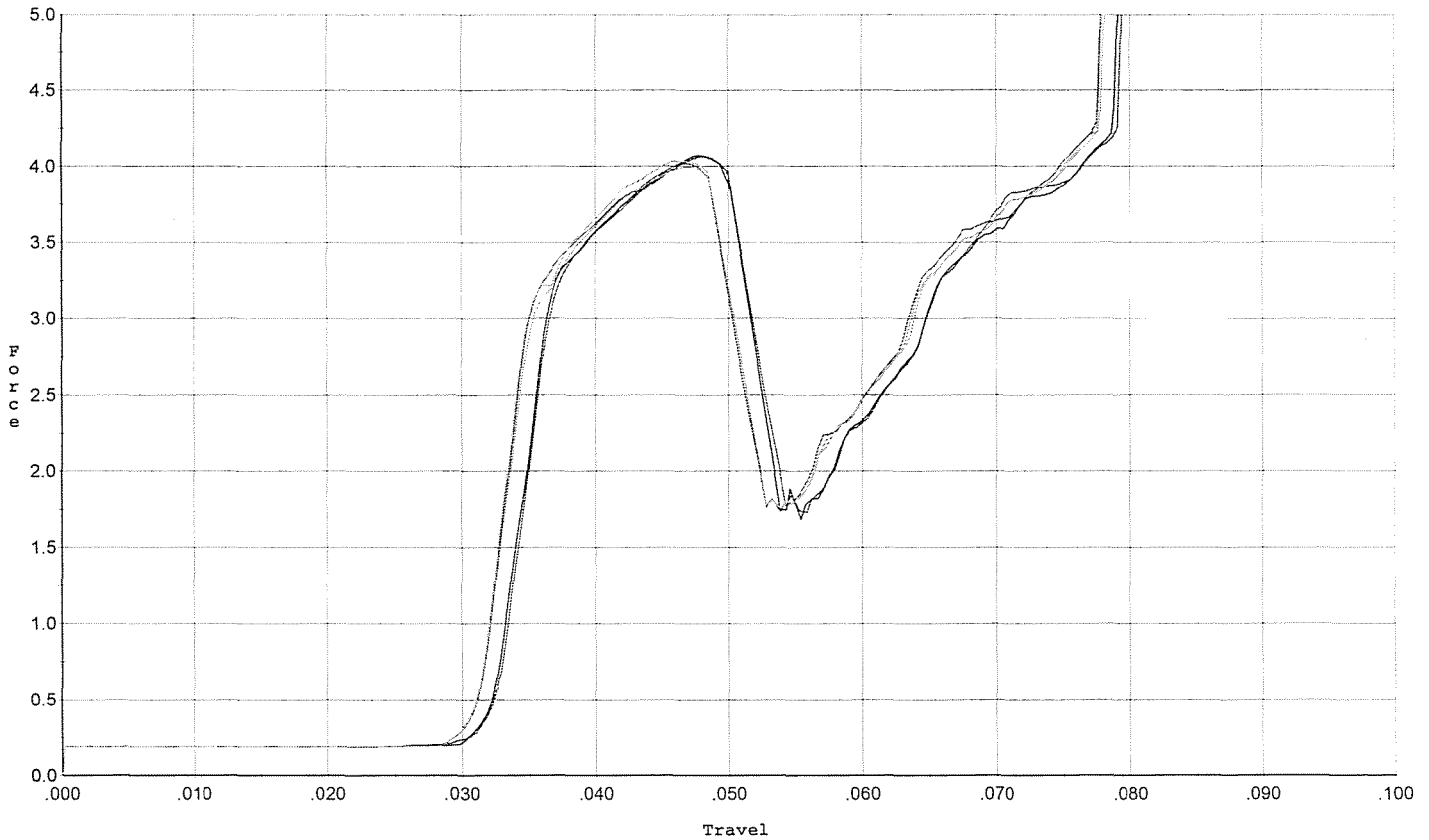
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.149	0.048	0.032	0.034	0.050		Set Trigger
2	3.195	0.049	0.032	0.034	0.051		Set Trigger
3	3.181	0.050	0.032	0.033	0.054		Set Trigger
4	3.180	0.049	0.032	0.034	0.051		Set Trigger
5	3.191	0.049	0.032	0.034	0.052		Set Trigger

AVG 3.17

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 9/19/07

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



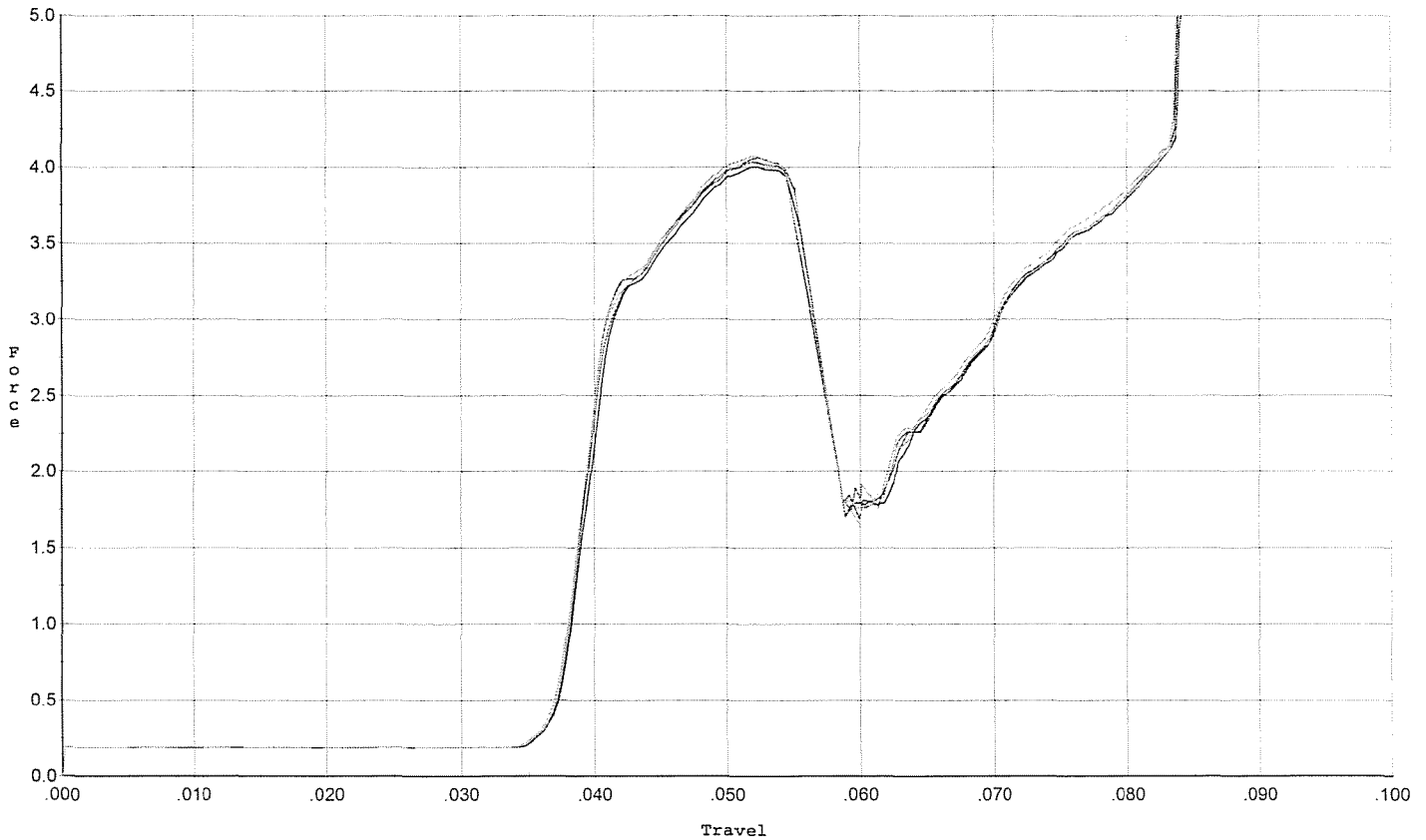
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.063	0.050	0.031	0.032	0.069		Set Trigger
2	4.071	0.050	0.032	0.032	0.069		Set Trigger
3	4.018	0.049	0.030	0.032	0.067		Set Trigger
4	4.034	0.051	0.030	0.031	0.071		Set Trigger
5	3.996	0.050	0.030	0.032	0.070		Set Trigger

AVG 4.03

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/19/07

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



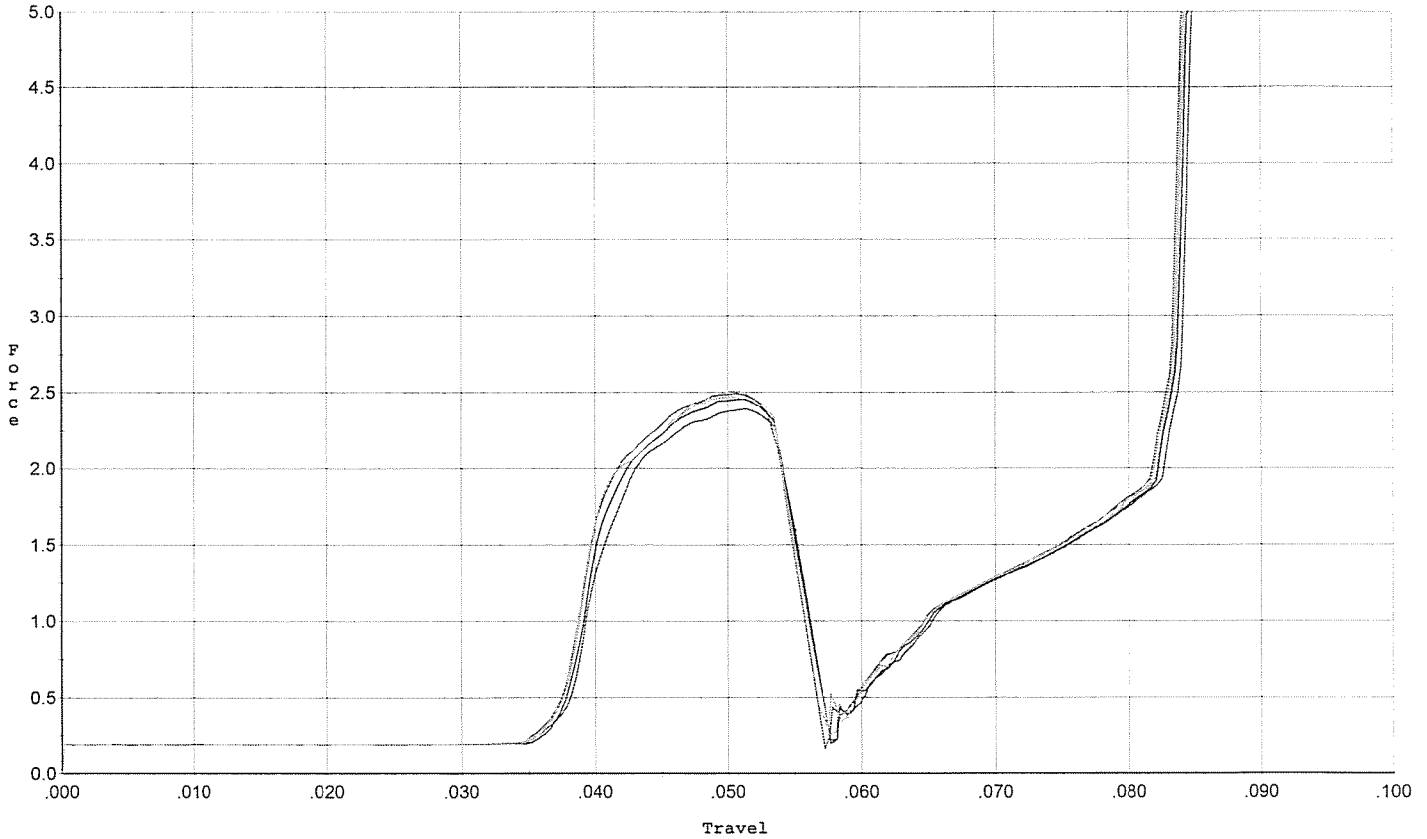
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.035	0.054	0.037	0.033	0.069		Set Trigger
2	4.005	0.055	0.037	0.033	0.070		Set Trigger
3	4.065	0.055	0.037	0.033	0.071		Set Trigger
4	4.038	0.056	0.036	0.032	0.073		Set Trigger
5	4.076	0.055	0.037	0.033	0.072		Set Trigger

Avg 4.04

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/19/07

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



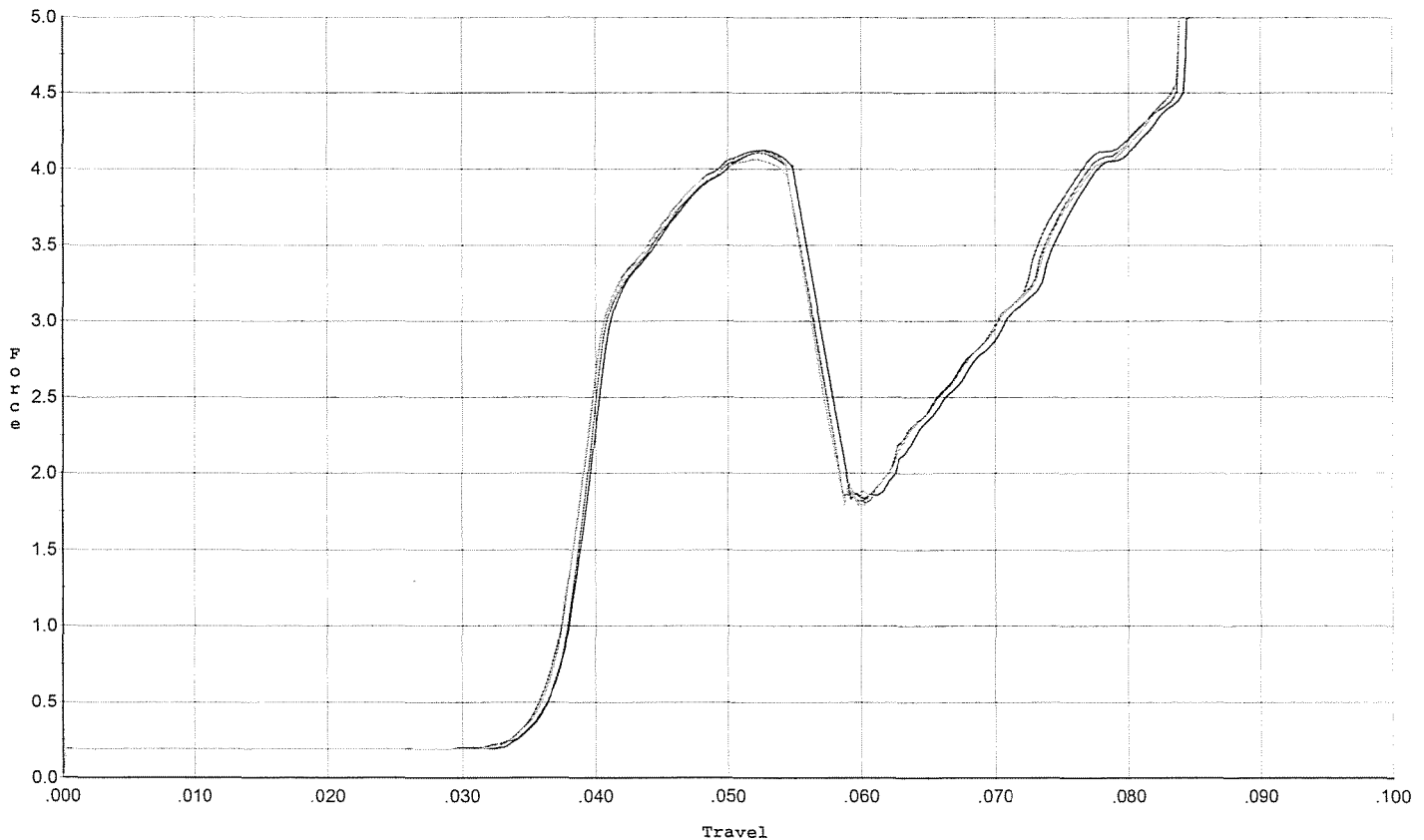
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.395	0.055	0.038	0.037	0.042		Set Trigger
2	2.454	0.055	0.037	0.036	0.043		Set Trigger
3	2.491	0.054	0.037	0.036	0.043		Set Trigger
4	2.507	0.053	0.037	0.037	0.042		Set Trigger
5	2.472	0.054	0.037	0.036	0.042		Set Trigger

Avg 2.46

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/19/07

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	4.109	0.056	0.036	0.032	0.074		Set Trigger
2	4.125	0.055	0.036	0.033	0.072		Set Trigger
3	4.126	0.054	0.035	0.033	0.072		Set Trigger
4	4.115	0.054	0.036	0.033	0.072		Set Trigger
5	4.063	0.054	0.036	0.033	0.071		Set Trigger

AVG 4.10

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6680278.___0
FILE DATE AND TIME: 09/24/2007 05:25

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

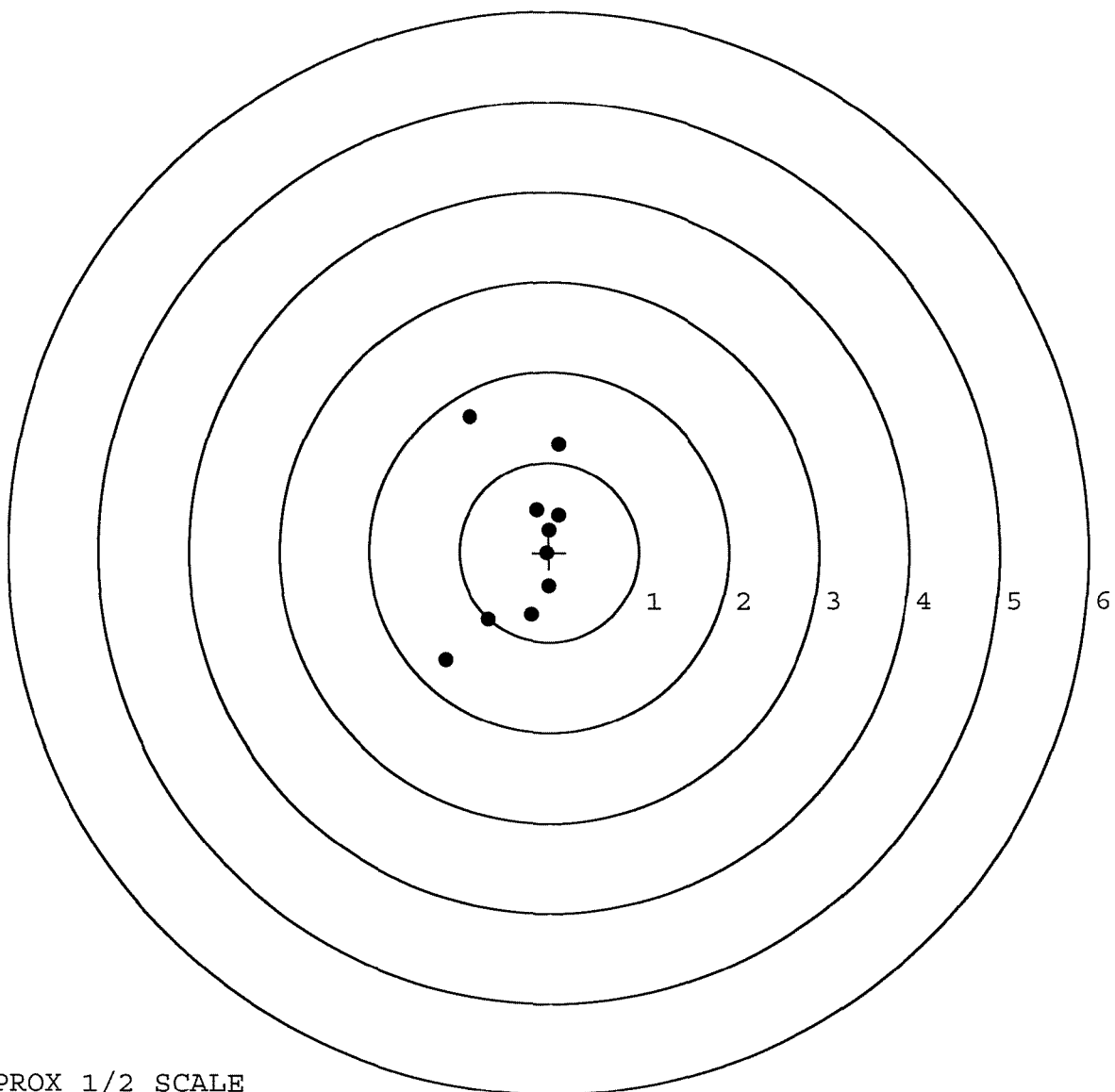
The Average X Centroid of the Five Target Set:	-0.046
The Average Y Centroid of the Five Target Set:	0.038
The Average Point of Impact of the Five Target Set:	0.059
The Average Mean Radius of the Five Target Set:	0.882
The Distance from POA to Centroid Target #1:	0.298
The Distance from Centroid Target #2 to Centroid Target #1:	0.093
The Distance from Centroid Target #3 to Centroid Target #1:	0.439
The Distance from Centroid Target #4 to Centroid Target #1:	0.378
The Distance from Centroid Target #5 to Centroid Target #1:	0.331

BARBER - M24 0174400

SERIAL NUMBER: G6680278. 0
TARGET NUMBER: 1
FILE DATE: 09/24/2007
FILE TIME: 05:25

	POINT#	X	Y
	1:	-1.154	-1.202
	2:	-0.680	-0.758
	3:	-0.194	-0.702
	4:	-0.011	-0.378
	5:	-0.029	-0.007
	6:	-0.003	0.247
	7:	0.107	0.415
	8:	-0.140	0.476
	9:	0.117	1.206
	10:	-0.884	1.503

X CENTROID: -0.287
Y CENTROID: 0.080
POA TO CENTROID: 0.298
HORZ SPREAD: 1.271
VERT SPREAD: 2.705
GROUP SPREAD: 2.723
MIN RADIUS: 0.272
MAX RADIUS: 1.548
MEAN RADIUS: 0.808
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8



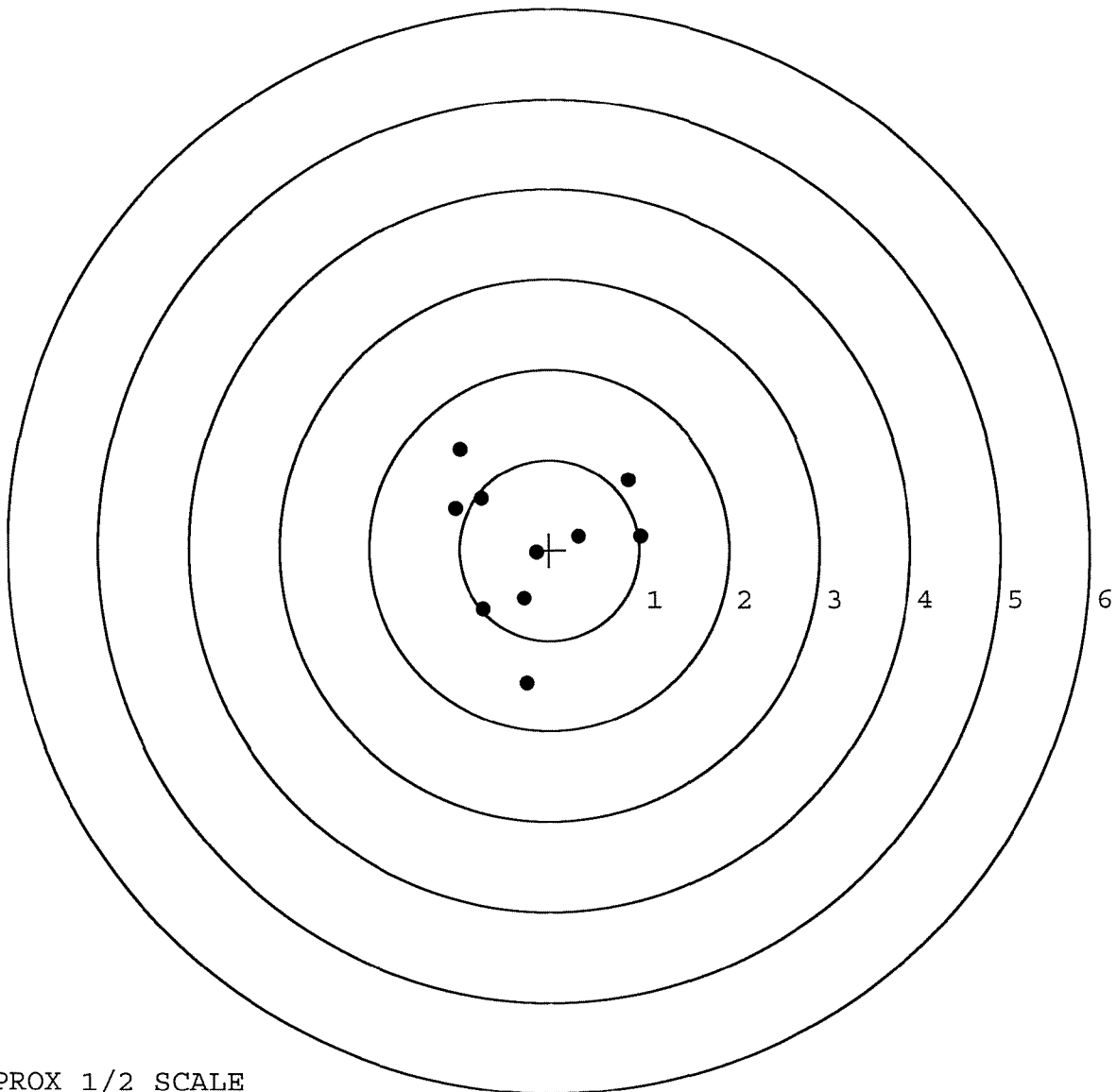
TARGET APPROX 1/2 SCALE

BARBER - M24 0174401

SERIAL NUMBER: G6680278. 0
TARGET NUMBER: 2
FILE DATE: 09/24/2007
FILE TIME: 05:25

	POINT#	X	Y
	1:	-0.987	1.119
	2:	-0.752	0.570
	3:	-1.043	0.458
	4:	-0.739	-0.659
	5:	-0.284	-0.535
	6:	-0.145	-0.028
	7:	0.329	0.148
	8:	0.881	0.773
	9:	1.016	0.153
	10:	-0.256	-1.479

X CENTROID: -0.198
Y CENTROID: 0.052
POA TO CENTROID: 0.205
HORZ SPREAD: 2.059
VERT SPREAD: 2.598
GROUP SPREAD: 2.699
MIN RADIUS: 0.096
MAX RADIUS: 1.532
MEAN RADIUS: 0.919
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

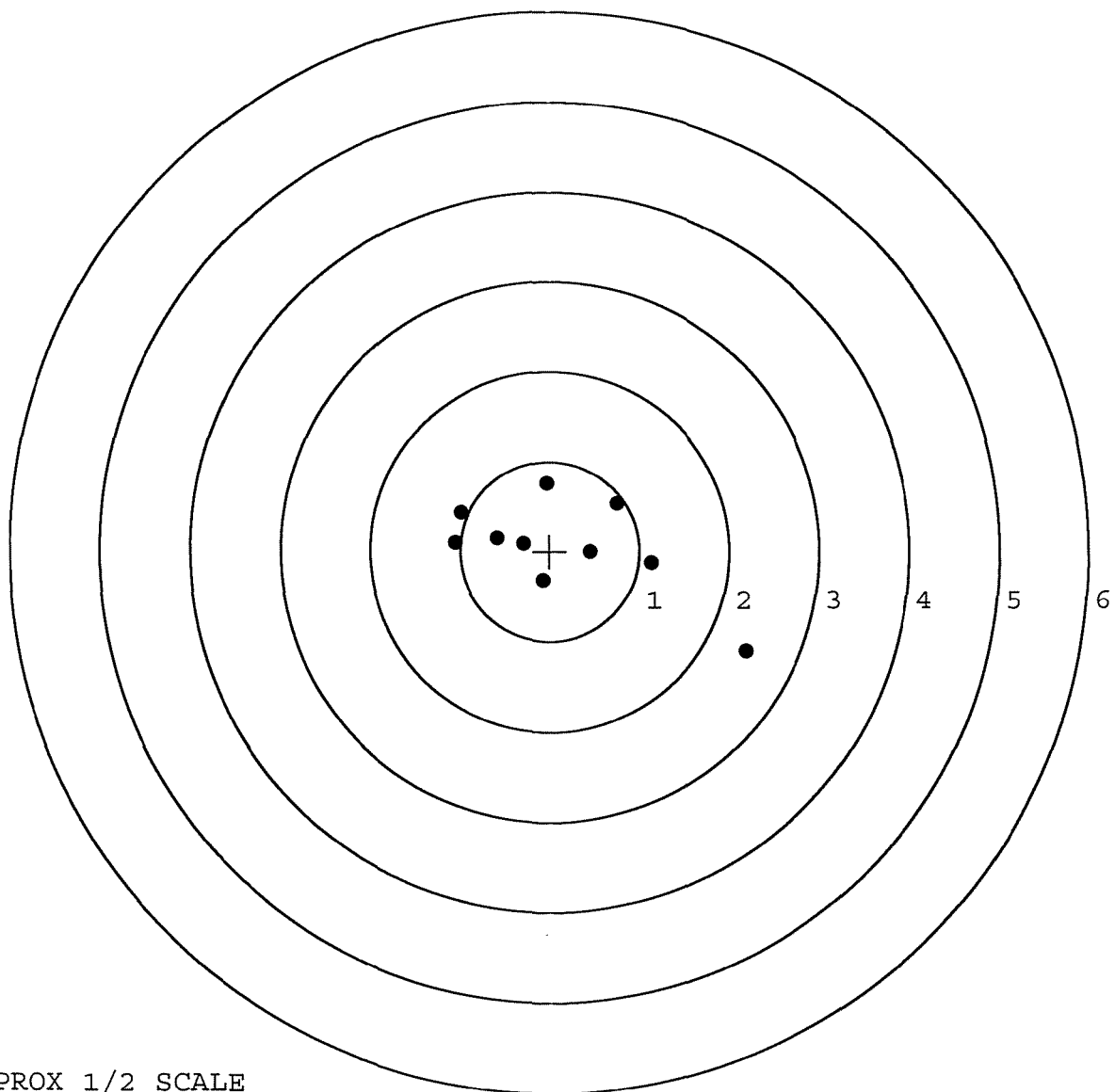
BARBER - M24 0174402

SERIAL NUMBER: G6680278. 0
TARGET NUMBER: 3
FILE DATE: 09/24/2007
FILE TIME: 05:25

X CENTROID: 0.151
Y CENTROID: 0.045
POA TO CENTROID: 0.157
HORZ SPREAD: 3.241
VERT SPREAD: 1.871
GROUP SPREAD: 3.528
MIN RADIUS: 0.310
MAX RADIUS: 2.342
MEAN RADIUS: 0.918

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.028	0.756
2:	0.754	0.528
3:	1.131	-0.137
4:	0.456	-0.007
5:	-0.074	-0.330
6:	-0.293	0.084
7:	-0.581	0.143
8:	-0.988	0.427
9:	-1.056	0.098
10:	2.185	-1.115



TARGET APPROX 1/2 SCALE

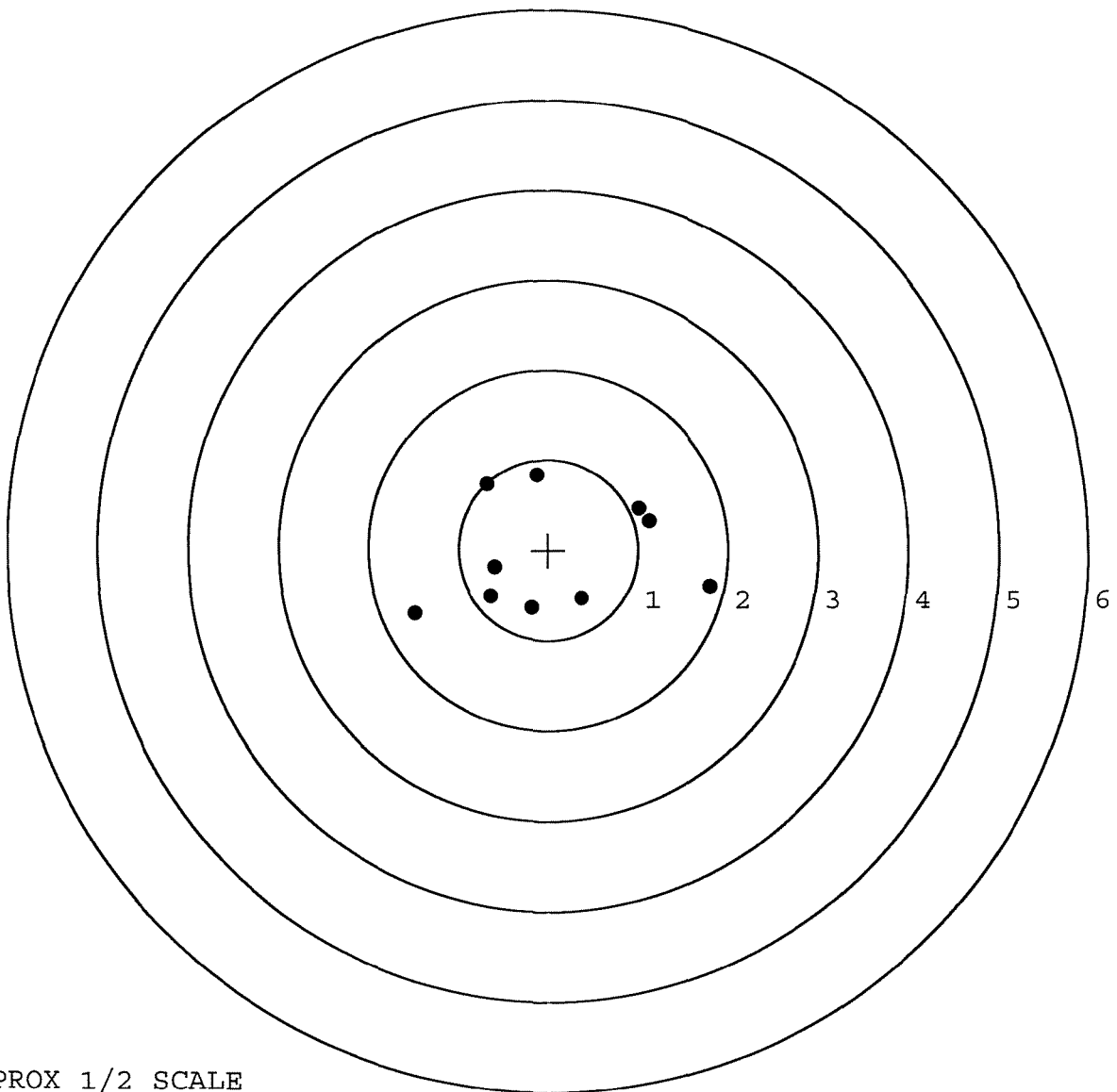
BARBER - M24 0174403

SERIAL NUMBER: G6680278. 0
TARGET NUMBER: 4
FILE DATE: 09/24/2007
FILE TIME: 05:25

X CENTROID: 0.061
Y CENTROID: -0.066
POA TO CENTROID: 0.090
HORZ SPREAD: 3.277
VERT SPREAD: 1.533
GROUP SPREAD: 3.291
MIN RADIUS: 0.568
MAX RADIUS: 1.768
MEAN RADIUS: 1.033

IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-1.480	-0.701
2:	-0.594	-0.194
3:	-0.637	-0.514
4:	-0.183	-0.642
5:	0.377	-0.538
6:	-0.122	0.832
7:	-0.675	0.726
8:	1.007	0.458
9:	1.124	0.315
10:	1.797	-0.403

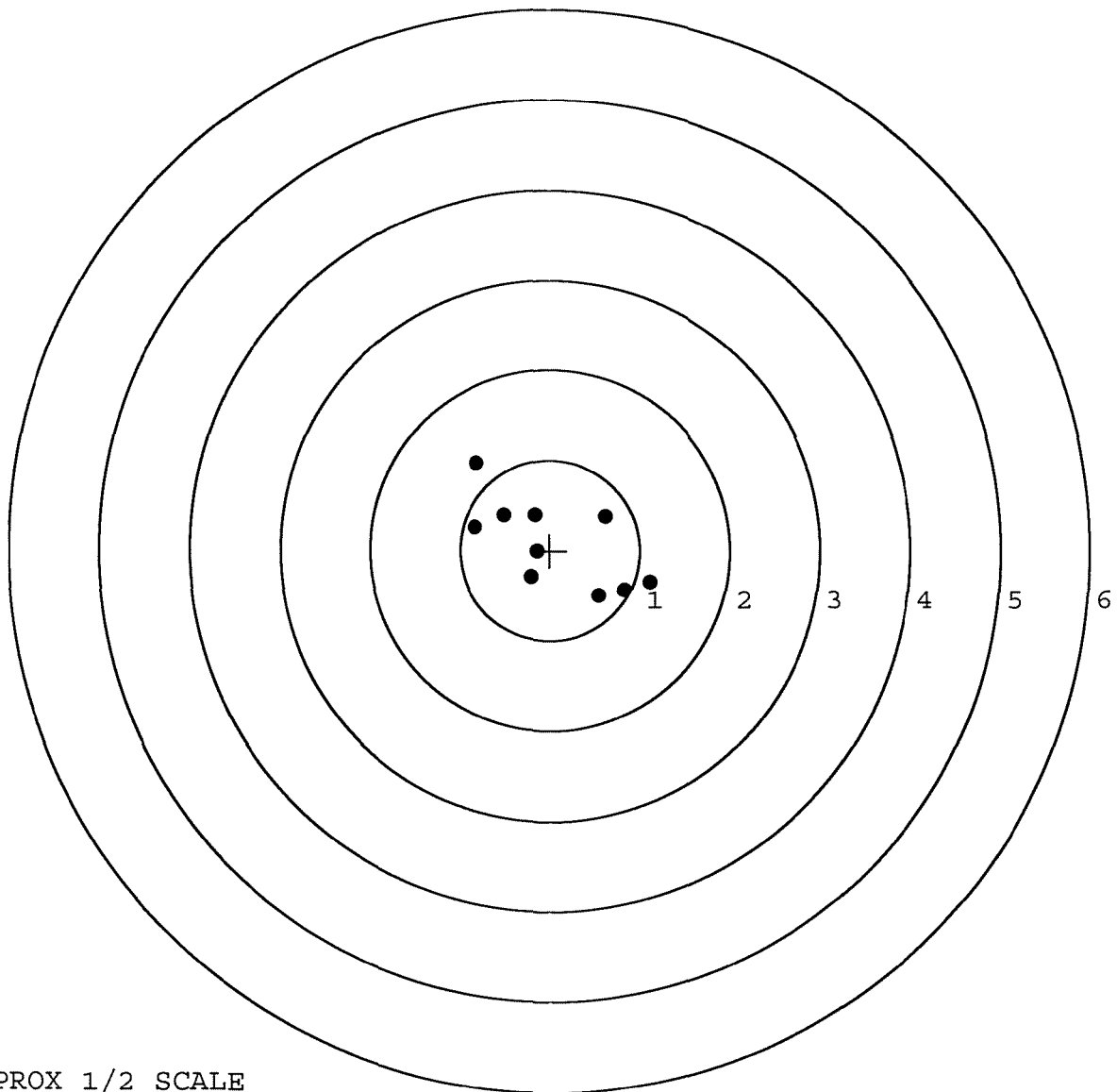


TARGET APPROX 1/2 SCALE

BARBER - M24 0174404

SERIAL NUMBER: G6680278. __0
TARGET NUMBER: 5
FILE DATE: 09/24/2007
FILE TIME: 05:25

	POINT#	X	Y
	1:	-0.818	0.961
	2:	-0.165	0.397
	3:	-0.511	0.393
	4:	-0.836	0.257
X CENTROID:	5:	-0.141	-0.007
Y CENTROID:	6:	-0.207	-0.294
POA TO CENTROID:	7:	0.623	0.374
HORZ SPREAD:	8:	1.108	-0.360
VERT SPREAD:	9:	0.828	-0.441
GROUP SPREAD:	10:	0.553	-0.505
MIN RADIUS:			
MAX RADIUS:			
MEAN RADIUS:			
# IN 1 IN DIAMETER:			3
# IN 2 IN DIAMETER:			8
# in 3 IN DIAMETER:			10



TARGET APPROX 1/2 SCALE