

BARBER - M24 0178807

91866999

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

BARBER - M24 0178807 M2400478846

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

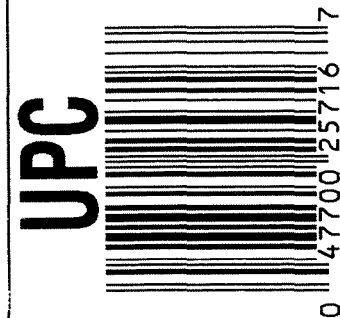
- INSTRUCTION BOOK 3518

BM FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6699816



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6699816

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-4-08	RT
420	ASSEMBLE ACTION		3-4-08	RT
430	ASSEMBLE TO STOCK		3-4-08	TRW
440	PROOF	MAGNA-FLUX	3-4-08	TRW
460	CHECK HEADSPACE		3-4-08	TRW
470	DIS-ASSEMBLE ACTION		3-5-08	TRW
480	MAGNAFLUX BBL ACTION	OPERATOR <u>mmg</u>	3/6/08	mmg
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-5-08	CW
510	DRILL AND TAP SIGHT HOLES		3-5-08	TRW
520	GOFF BLAST BBL / REC		3-7-08	DC
530 & 540	APPLY COATINGS (BARREL ACTION)		3-19-08	LT
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3-20-08	FM
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-20-08	FM
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-20-08	FM
	D) OIL FIRING PIN ASSEMBLY		3-25-08	RT
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

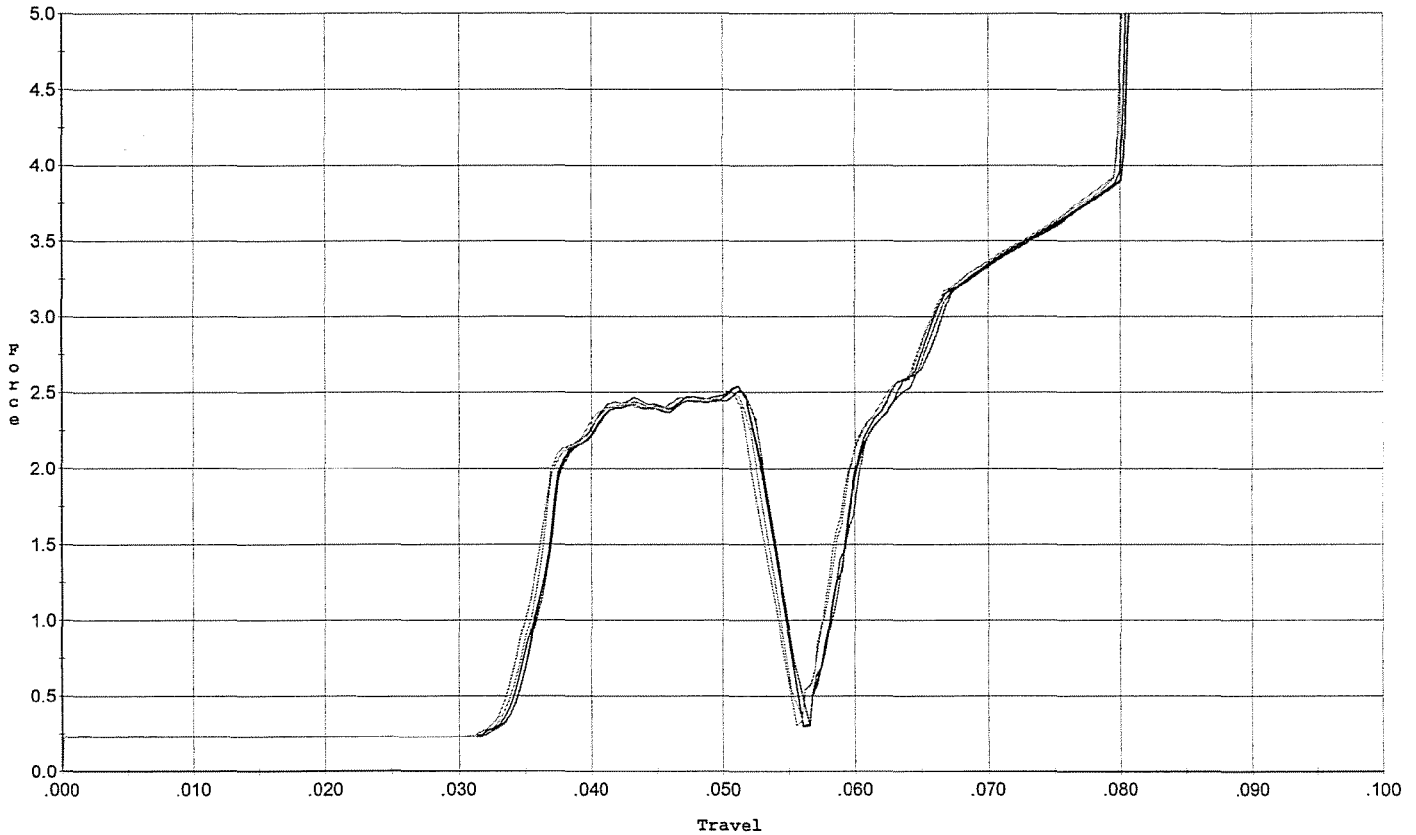
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>6.0</u> <u>6.0</u>	4-1-08	Fm
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.5</u> <u>4.0</u> <u>4.0</u>	4-1-08	Fm
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.022</u> <u>.022</u>	4-1-08	Fm
	J) ASSEMBLE STOCK		3-25-08	RP
	K) ASSEMBLE SWIVEL STUDS		4-1-08	Fm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4-9-08	L.P.D.
	M) IRON SIGHT ALIGNMENT		4-9-08	L.P.D.
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4-9-08	L.P.D.
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	3-27-08	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		3-27-08	RP
670	FINAL INSPECTION A) HEADSPACE		4-9-08	RTL
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.34</u> <u>2.31</u> <u>2.33</u> <u>2.37</u> <u>2.14</u>	4-9-08	RTL
	C) FUNCTION		4-9-08	RTL
690	PACK		4/15/08	Fm

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R, Putch 1/11/08

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



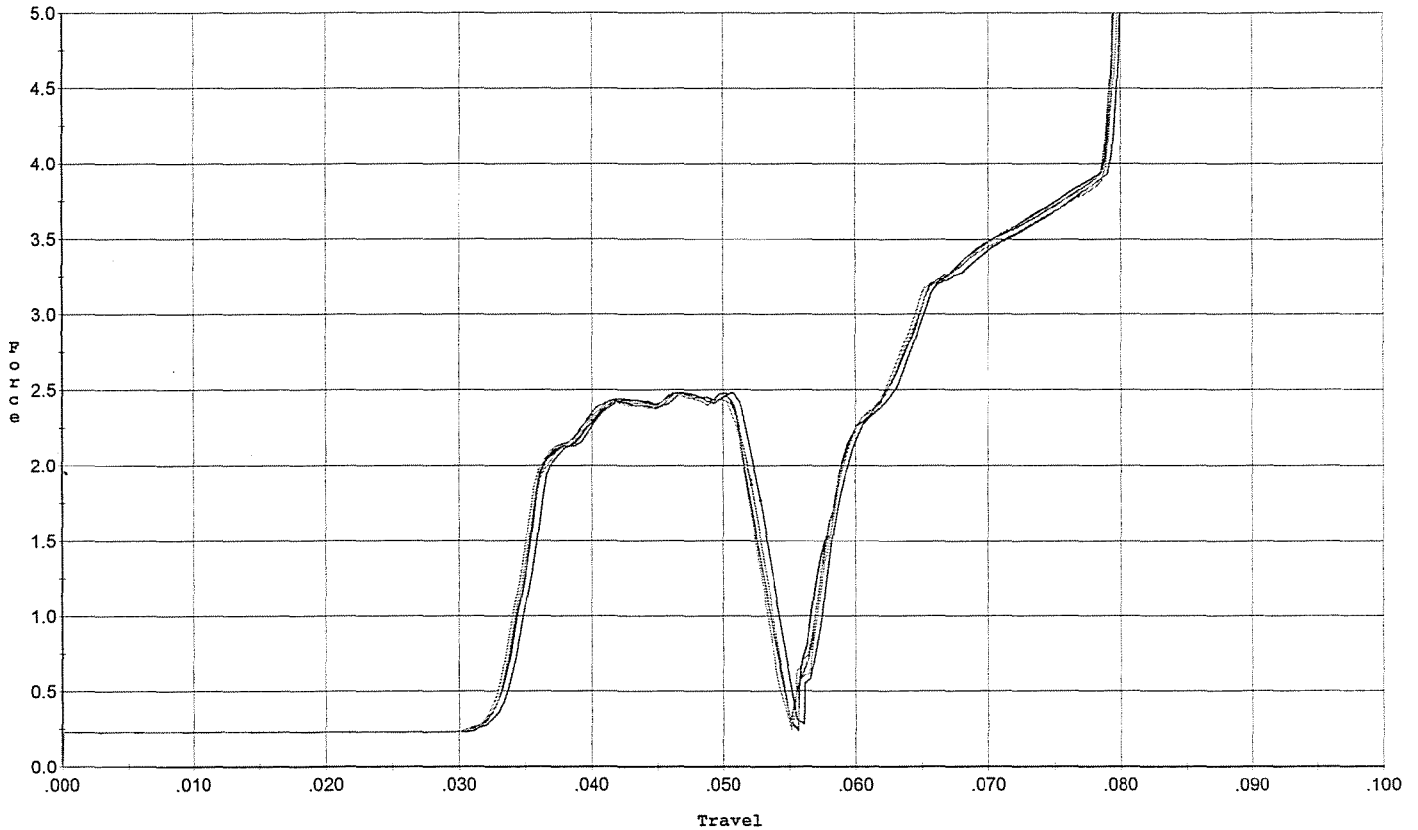
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.542	0.053	0.034	0.034	0.049		Set Trigger
2	2.542	0.053	0.034	0.033	0.049		Set Trigger
3	2.509	0.052	0.034	0.034	0.048		Set Trigger
4	2.507	0.052	0.033	0.034	0.048		Set Trigger
5	2.511	0.051	0.033	0.034	0.048		Set Trigger

Avg 2.52

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R, Putch 1/11/08

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



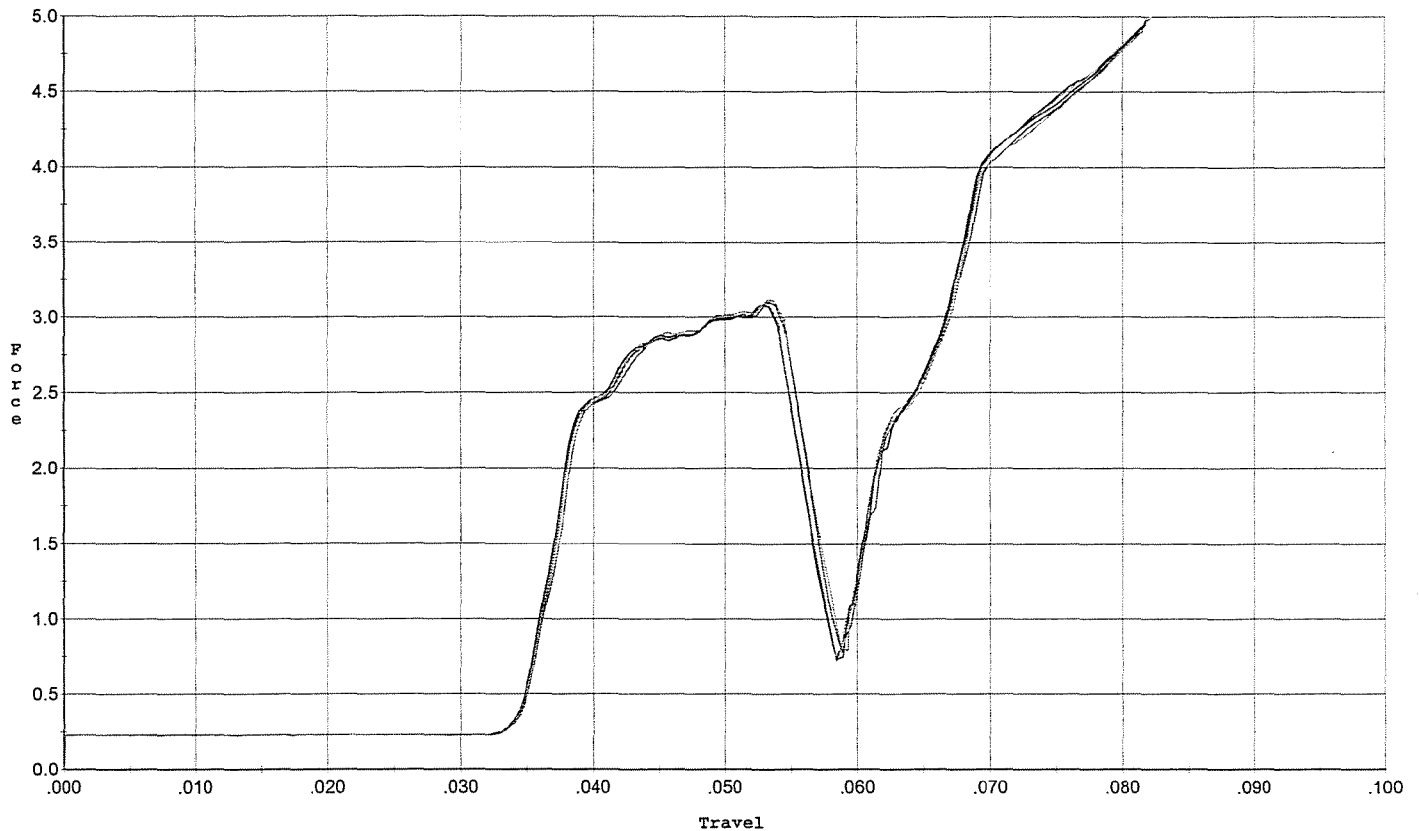
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.481	0.053	0.033	0.033	0.049		Set Trigger
2	2.479	0.052	0.033	0.033	0.049		Set Trigger
3	2.479	0.051	0.033	0.034	0.048		Set Trigger
4	2.475	0.051	0.032	0.033	0.048		Set Trigger
5	2.472	0.052	0.033	0.034	0.049		Set Trigger

Avg 2.47

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R, Putch 1/11/08

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



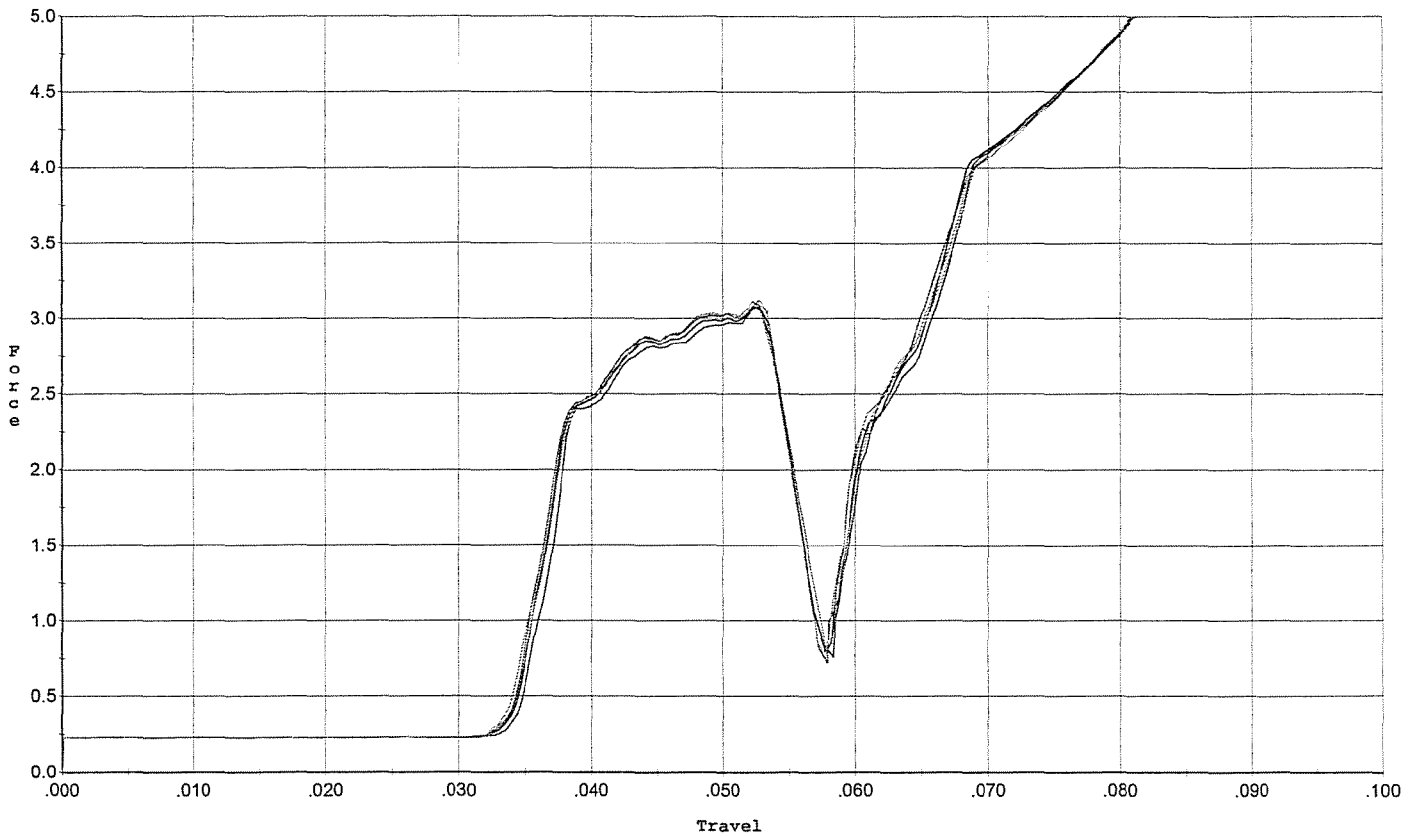
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.082	0.054	0.034	0.033	0.059		Set Trigger
2	3.088	0.054	0.034	0.033	0.059		Set Trigger
3	3.105	0.055	0.035	0.032	0.060		Set Trigger
4	3.088	0.054	0.034	0.033	0.059		Set Trigger
5	3.117	0.054	0.035	0.033	0.060		Set Trigger

Avg 3.09

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R, Putch 1/11/08

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



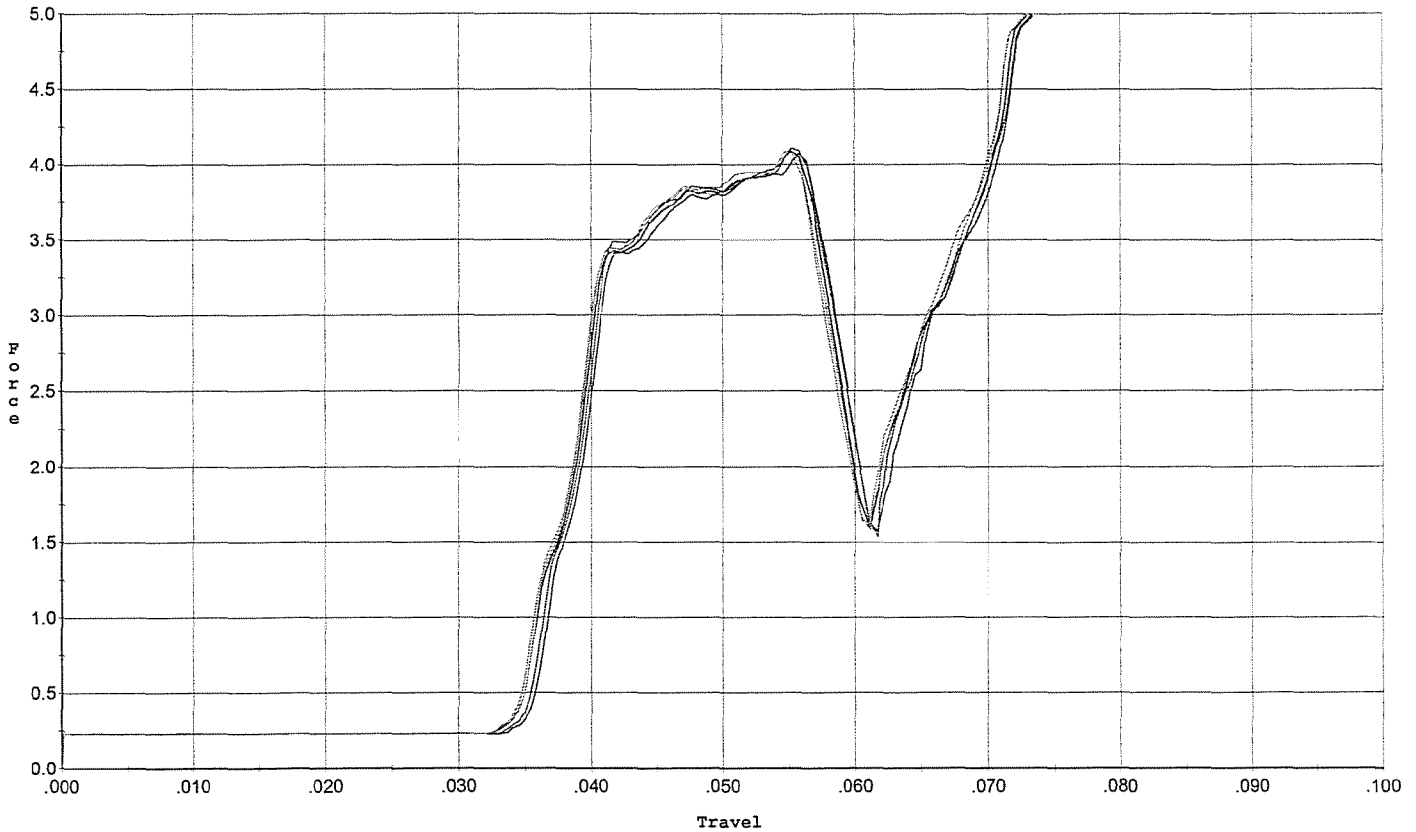
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.079	0.054	0.034	0.033	0.058		Set Trigger
2	3.080	0.054	0.034	0.032	0.059		Set Trigger
3	3.112	0.054	0.034	0.032	0.060		Set Trigger
4	3.120	0.053	0.034	0.032	0.059		Set Trigger
5	3.112	0.054	0.034	0.032	0.060		Set Trigger

Avg 3.10

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R, Putch 1/11/08

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



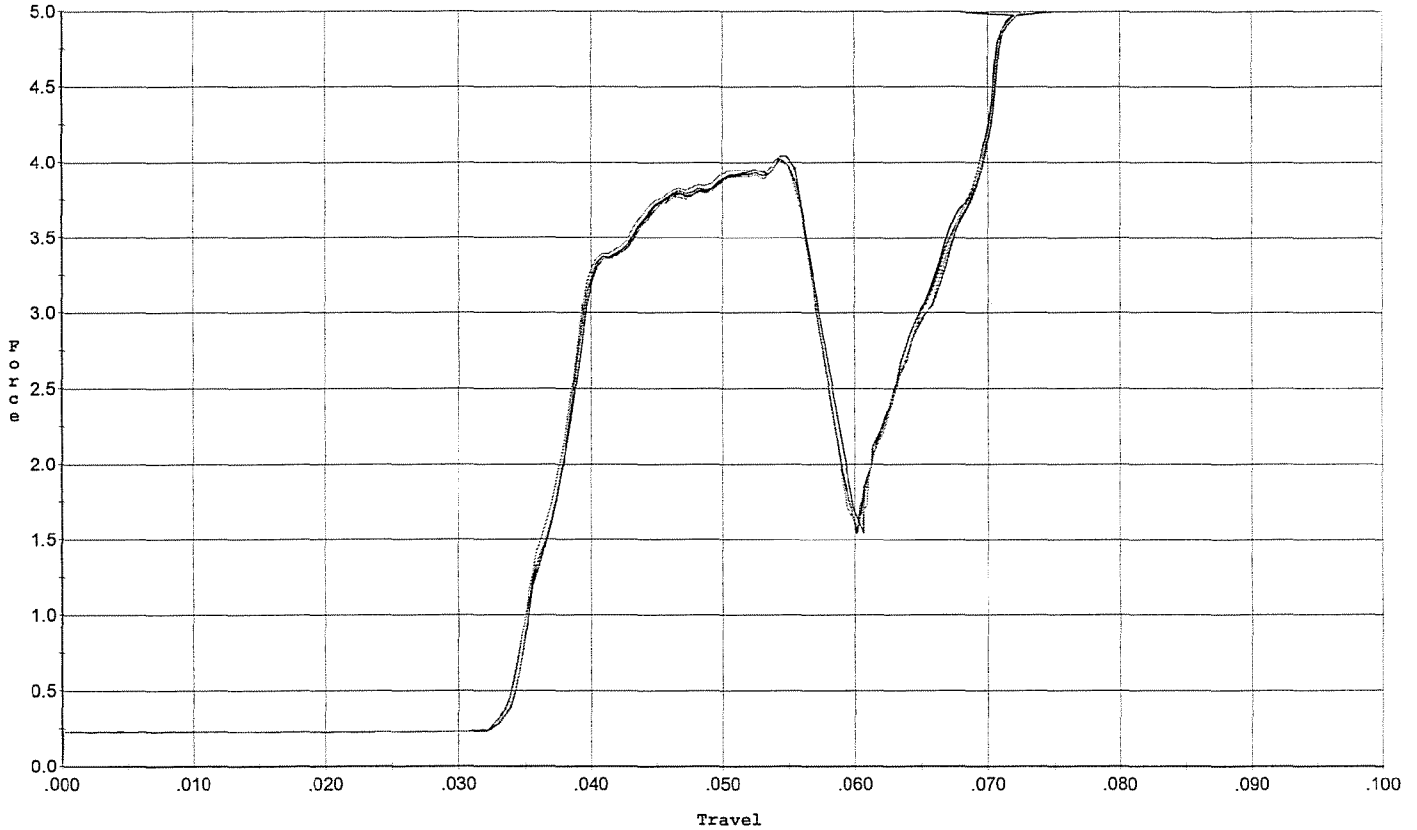
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.071	0.058	0.035	0.023	0.083		Set Trigger
2	4.086	0.057	0.034	0.023	0.082		Set Trigger
3	4.106	0.058	0.035	0.023	0.085		Set Trigger
4	4.082	0.056	0.034	0.024	0.081		Set Trigger
5	4.089	0.058	0.034	0.023	0.084		Set Trigger

Avg 4.08

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R, Putch 1/11/08

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



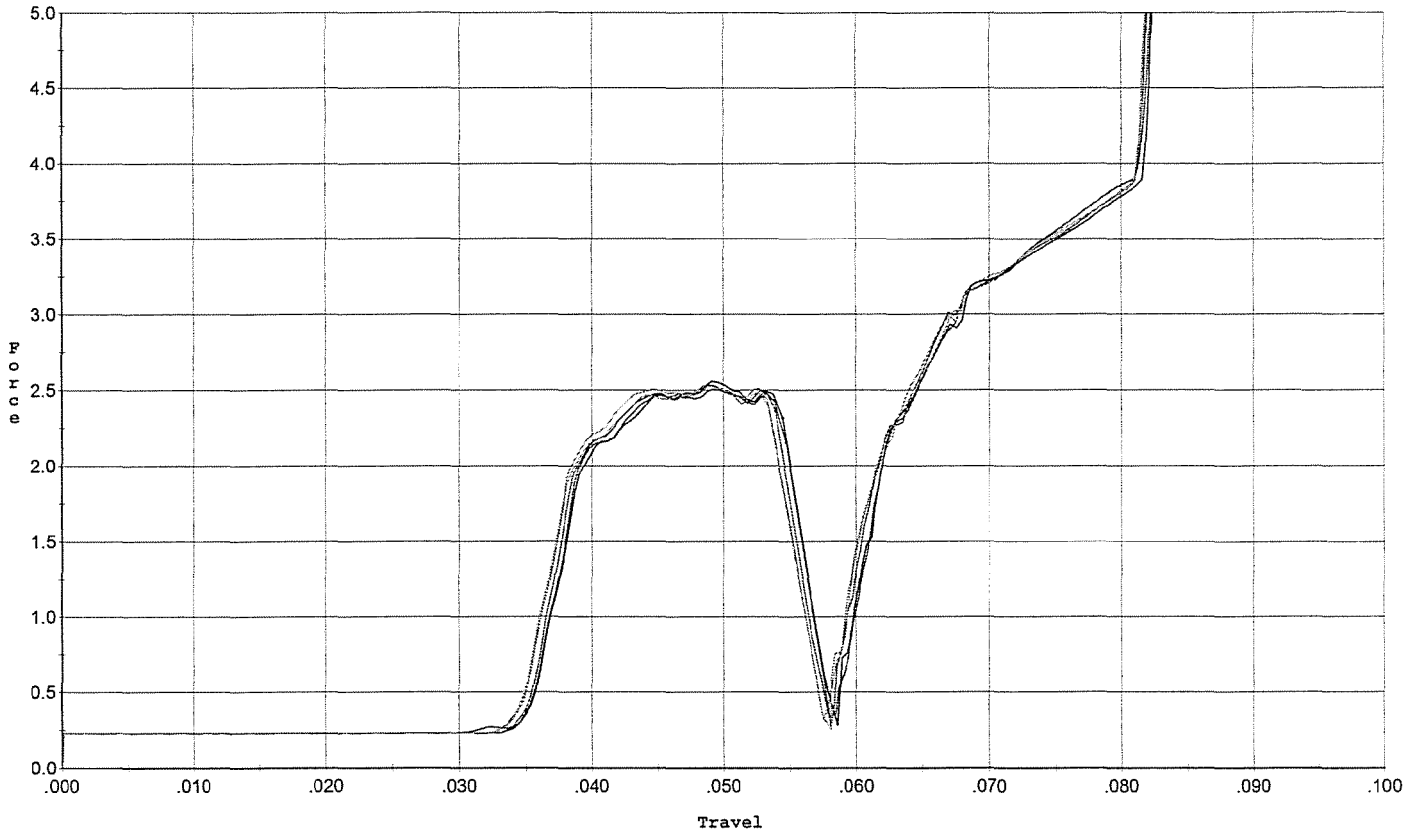
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.041	0.055	0.033	0.024	0.080		Set Trigger
2	4.018	0.056	0.034	0.024	0.081		Set Trigger
3	4.017	0.056	0.034	0.024	0.081		Set Trigger
4	4.012	0.056	0.033	0.024	0.081		Set Trigger
5	4.040	0.056	0.034	0.024	0.082		Set Trigger

Avg 4.02

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R, Putch 1/11/08

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



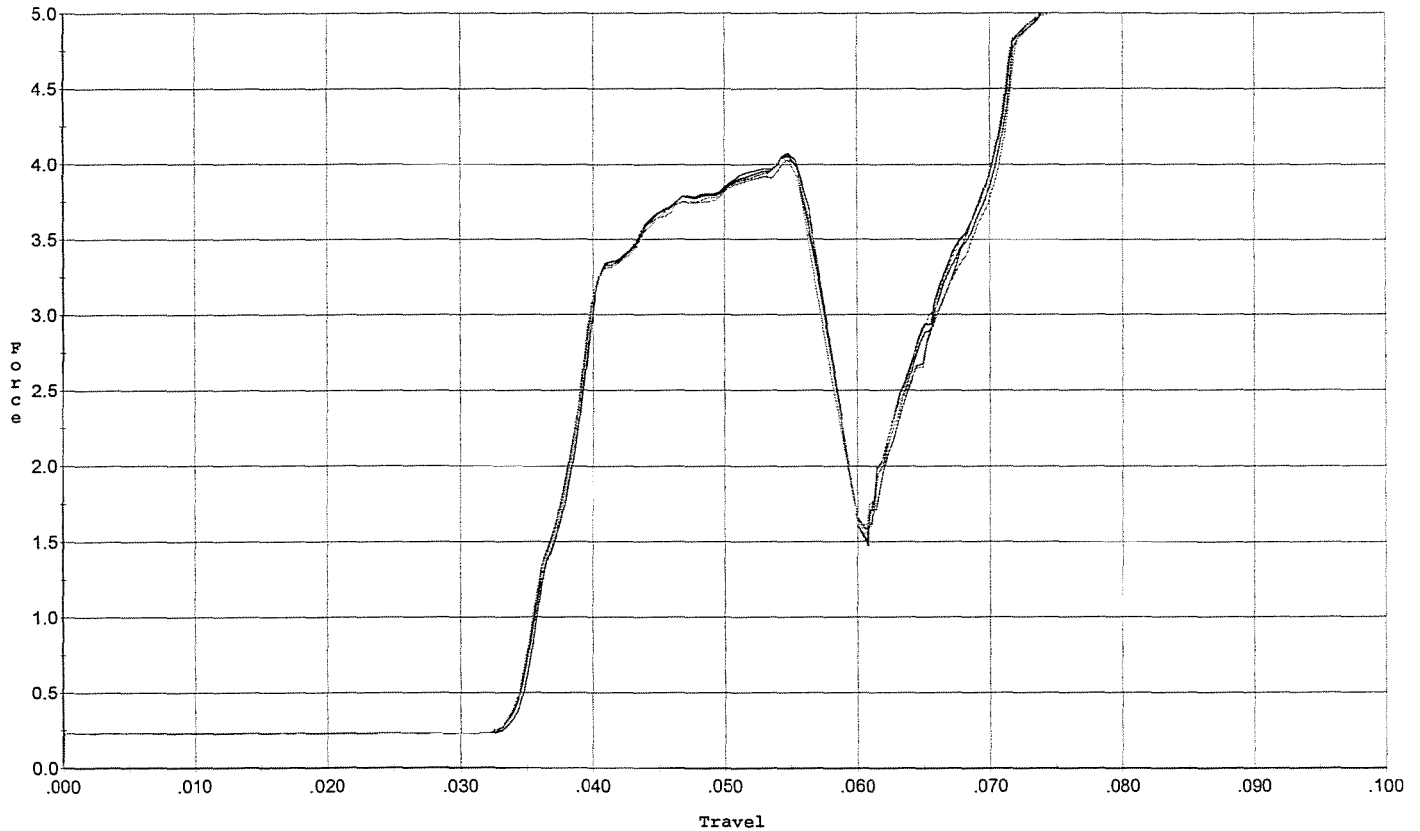
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.507	0.055	0.035	0.034	0.051		Set Trigger
2	2.558	0.054	0.035	0.034	0.051		Set Trigger
3	2.531	0.054	0.035	0.034	0.050		Set Trigger
4	2.535	0.055	0.035	0.034	0.052		Set Trigger
5	2.528	0.055	0.035	0.034	0.052		Set Trigger

Avg 2.53

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R, Putch 1/11/08

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	4.072	0.056	0.034	0.025	0.081		Set Trigger
2	4.059	0.057	0.034	0.026	0.082		Set Trigger
3	4.051	0.057	0.034	0.026	0.083		Set Trigger
4	4.040	0.056	0.034	0.026	0.079		Set Trigger
5	4.030	0.057	0.033	0.026	0.082		Set Trigger

AVG 4.05

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6699816.__0

FILE DATE AND TIME: 03/28/2008 06:06

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

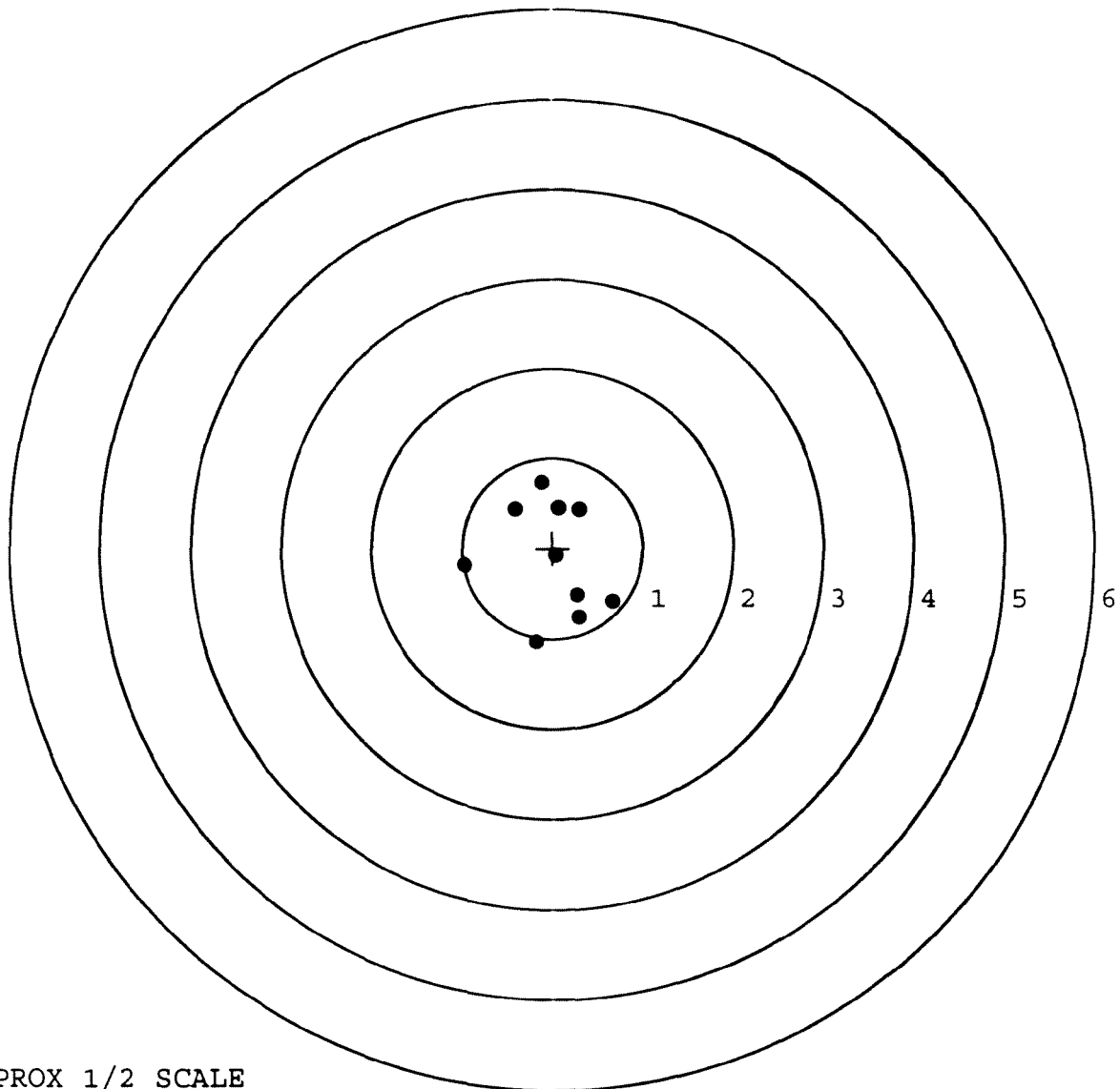
The Average X Centroid of the Five Target Set:	-0.028
The Average Y Centroid of the Five Target Set:	-0.033
The Average Point of Impact of the Five Target Set:	0.044
The Average Mean Radius of the Five Target Set:	0.767
The Distance from POA to Centroid Target #1:	0.114
The Distance from Centroid Target #2 to Centroid Target #1:	0.143
The Distance from Centroid Target #3 to Centroid Target #1:	0.079
The Distance from Centroid Target #4 to Centroid Target #1:	0.071
The Distance from Centroid Target #5 to Centroid Target #1:	0.267

BARBER - M24 0178820

SERIAL NUMBER: G6699816. __0
TARGET NUMBER: 1
FILE DATE: 03/28/2008
FILE TIME: 06:06

POINT#	X	Y
1:	-0.181	-1.042
2:	0.038	-0.085
3:	-0.971	-0.191
4:	-0.411	0.435
5:	0.305	0.434
6:	0.073	0.447
7:	-0.115	0.729
8:	0.673	-0.587
9:	0.274	-0.514
10:	0.300	-0.763

X CENTROID: -0.002
Y CENTROID: -0.114
POA TO CENTROID: 0.114
HORZ SPREAD: 1.644
VERT SPREAD: 1.771
GROUP SPREAD: 1.691
MIN RADIUS: 0.049
MAX RADIUS: 0.973
MEAN RADIUS: 0.672
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



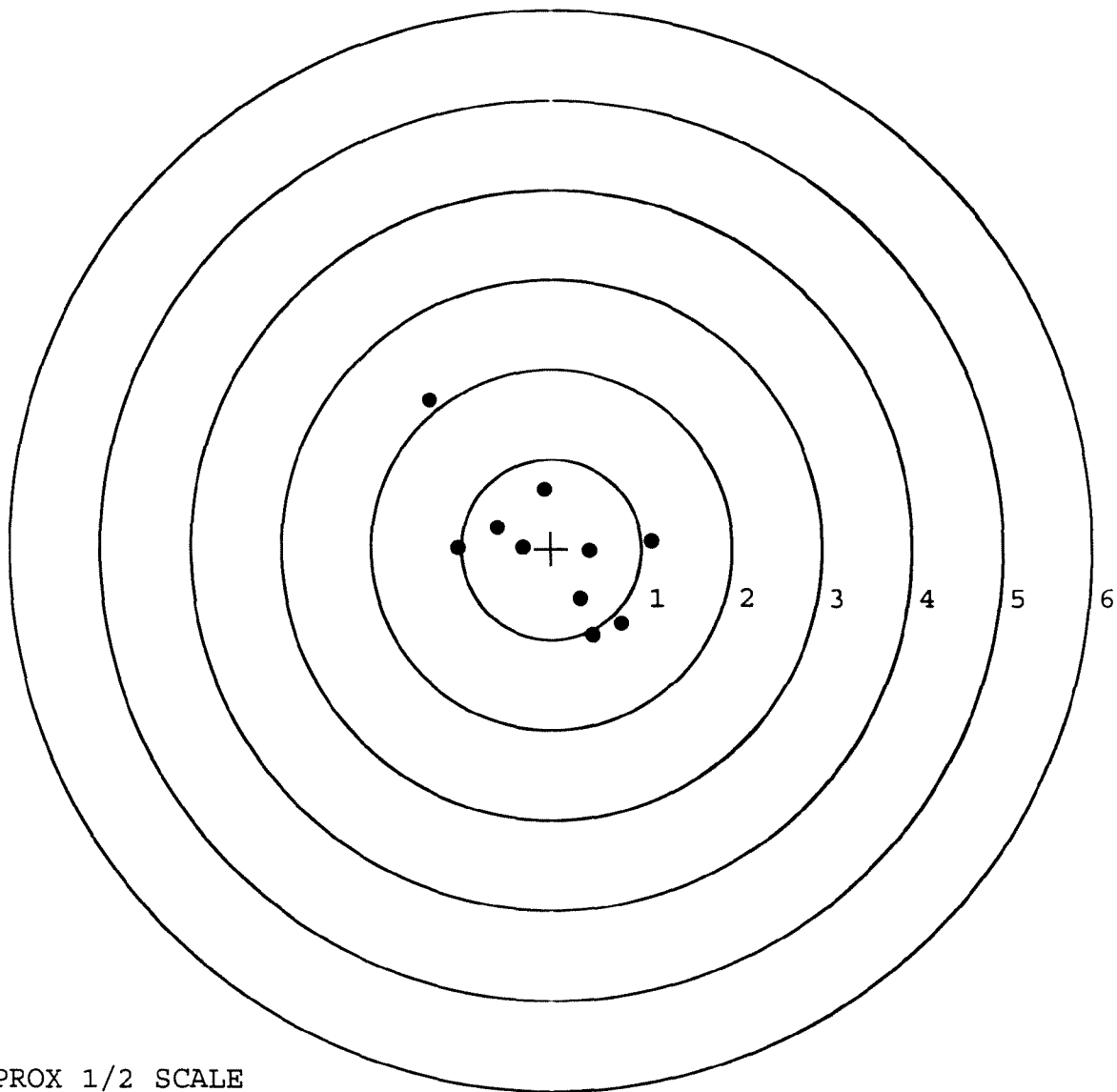
TARGET APPROX 1/2 SCALE

BARBER - M24 0178821

SERIAL NUMBER: G6699816. __0
TARGET NUMBER: 2
FILE DATE: 03/28/2008
FILE TIME: 06:06

POINT#	X	Y
1:	1.107	0.082
2:	0.775	-0.830
3:	0.459	-0.958
4:	0.317	-0.561
5:	0.423	-0.030
6:	-0.074	0.655
7:	-0.317	0.018
8:	-0.595	0.230
9:	-1.037	0.009
10:	-1.347	1.651

X CENTROID: -0.029
Y CENTROID: 0.027
POA TO CENTROID: 0.039
HORZ SPREAD: 2.454
VERT SPREAD: 2.609
GROUP SPREAD: 3.265
MIN RADIUS: 0.288
MAX RADIUS: 2.092
MEAN RADIUS: 0.917
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9



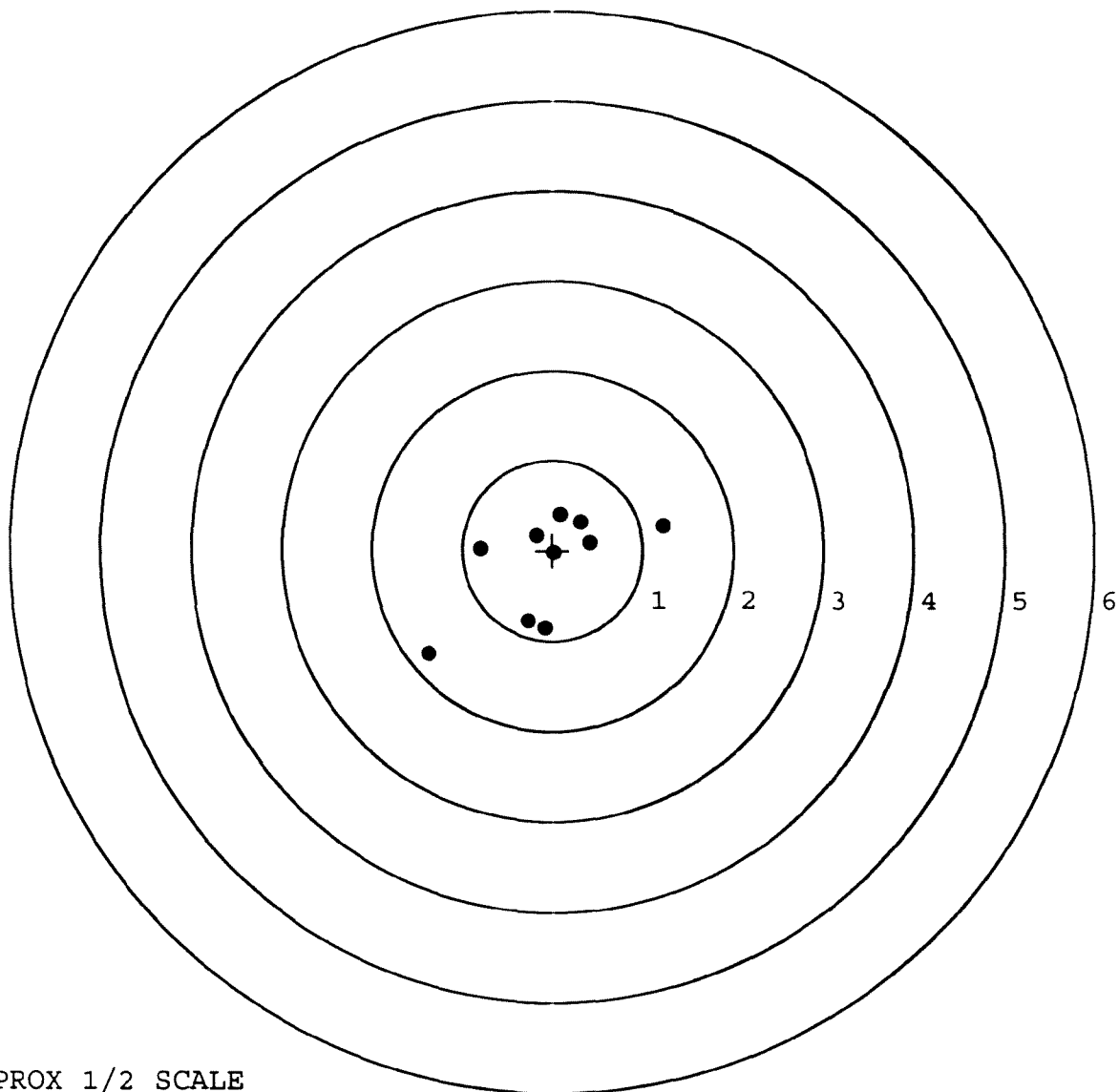
TARGET APPROX 1/2 SCALE

BARBER - M24 0178822

SERIAL NUMBER: G6699816. __0
TARGET NUMBER: 3
FILE DATE: 03/28/2008
FILE TIME: 06:06

POINT#	X	Y
1:	1.219	0.267
2:	-0.082	-0.864
3:	-0.270	-0.780
4:	-1.371	-1.150
5:	-0.798	0.014
6:	0.417	0.081
7:	0.309	0.307
8:	0.080	0.396
9:	-0.180	0.165
10:	0.018	-0.028

X CENTROID: -0.066
Y CENTROID: -0.159
POA TO CENTROID: 0.172
HORZ SPREAD: 2.590
VERT SPREAD: 1.546
GROUP SPREAD: 2.952
MIN RADIUS: 0.156
MAX RADIUS: 1.639
MEAN RADIUS: 0.731
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



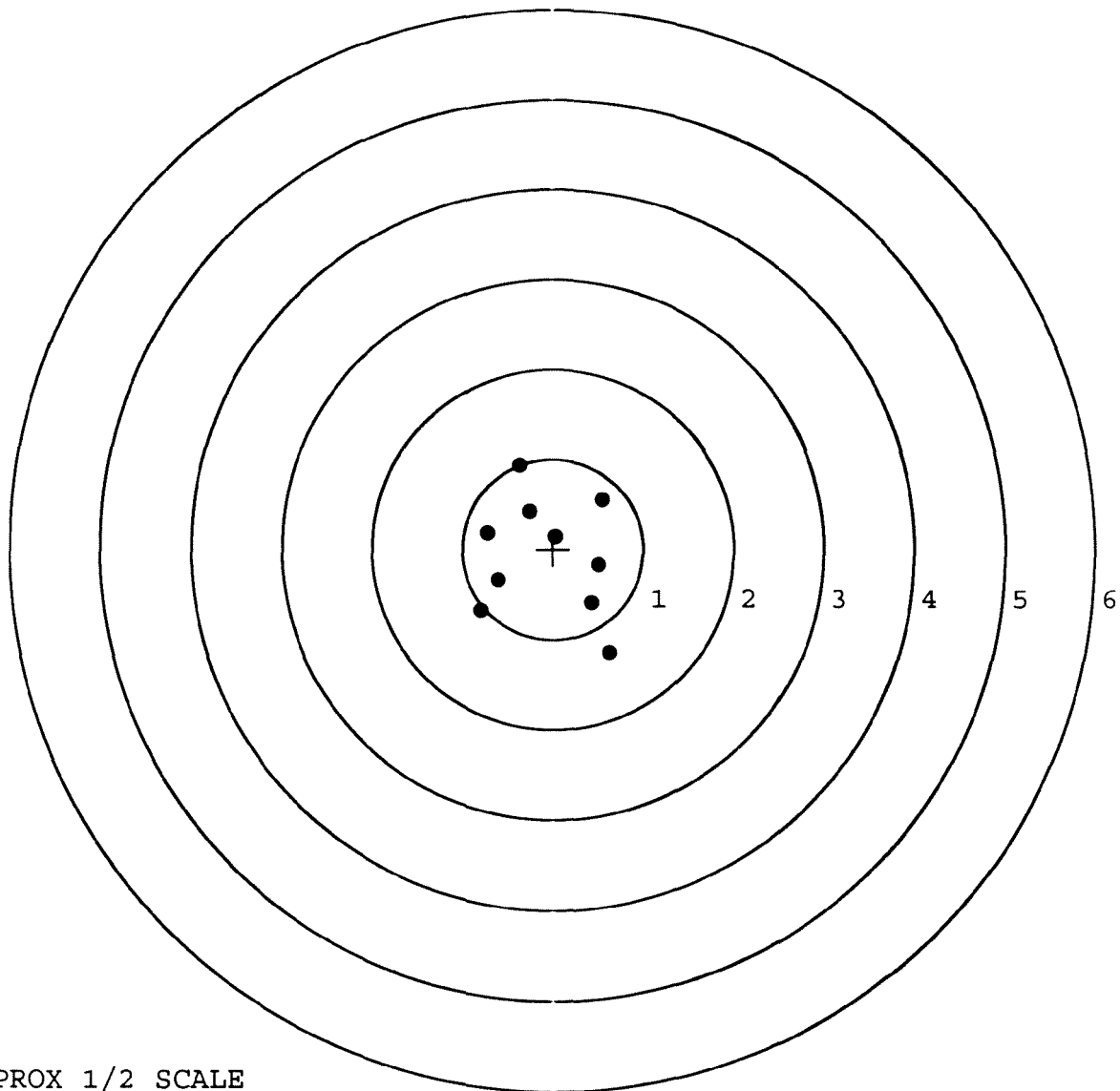
TARGET APPROX 1/2 SCALE

BARBER - M24 0178823

SERIAL NUMBER: G6699816. __0
TARGET NUMBER: 4
FILE DATE: 03/28/2008
FILE TIME: 06:06

POINT#	X	Y
1:	0.623	-1.147
2:	0.432	-0.595
3:	0.508	-0.175
4:	0.552	0.548
5:	0.032	0.134
6:	-0.259	0.419
7:	-0.363	0.929
8:	-0.725	0.178
9:	-0.605	-0.345
10:	-0.796	-0.683

X CENTROID: -0.060
Y CENTROID: -0.074
POA TO CENTROID: 0.095
HORZ SPREAD: 1.419
VERT SPREAD: 2.076
GROUP SPREAD: 2.298
MIN RADIUS: 0.227
MAX RADIUS: 1.272
MEAN RADIUS: 0.752
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



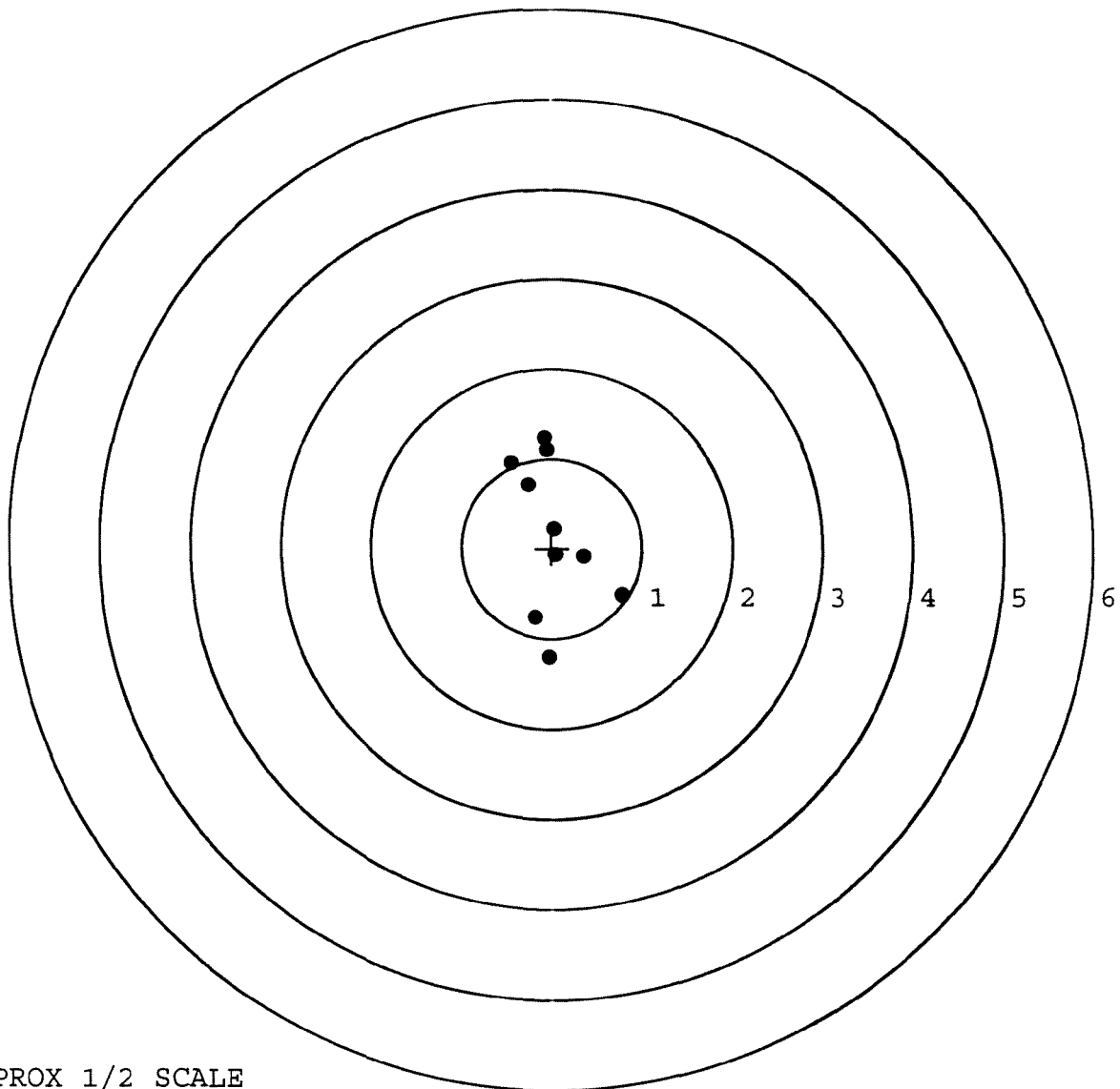
TARGET APPROX 1/2 SCALE

BARBER - M24 0178824

SERIAL NUMBER: G6699816. __0
TARGET NUMBER: 5
FILE DATE: 03/28/2008
FILE TIME: 06:06

POINT#	X	Y
1:	-0.058	1.106
2:	-0.081	1.234
3:	-0.440	0.953
4:	-0.258	0.711
5:	0.027	0.215
6:	0.046	-0.074
7:	0.360	-0.095
8:	0.776	-0.529
9:	-0.027	-1.218
10:	-0.182	-0.772

X CENTROID: 0.016
Y CENTROID: 0.153
POA TO CENTROID: 0.154
HORZ SPREAD: 1.216
VERT SPREAD: 2.452
GROUP SPREAD: 2.453
MIN RADIUS: 0.063
MAX RADIUS: 1.372
MEAN RADIUS: 0.764
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE