

BARBER - M24 0138493

6674 9759

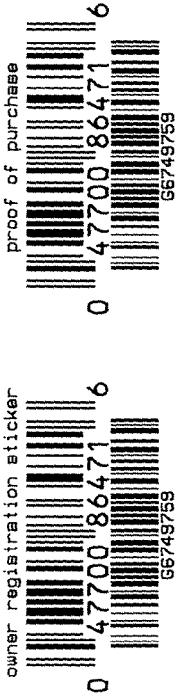
**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0138493 38532

M/24 7.62 NATO S.W.S.
BOLT ACTION CENTERFIRE RIFLE
24" BARREL WITH MARS RAIL
COMPLETE SYSTEM - LE/EXPORT

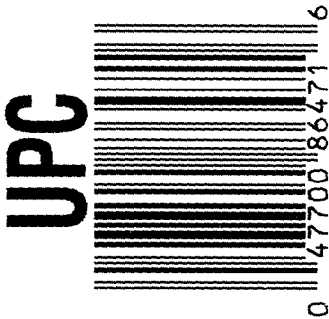
- 98606 - M-24 OPERATORS MANUAL
- 96229 - SWS SLING STRAP ASSEMBLY
- 96117 - TRS BI POD ASSB
- 96082 SCOPE RING ASSEMBLY
- 400061 SCOPE RING ASSEMBLY 306-09

BM FORM 1692



ORDER NO.	86471
BARREL LENGTH	24"
CAPACITY	6

G6749759



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL #

G 6749759

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420	ASSEMBLE ACTION		6/11/08	R.P.D.
430	ASSEMBLE TO STOCK		6/11/08	SP
440	PROOF		6-11-08	SD
460	CHECK HEADSPACE		6-11-08	SD
470	DIS-ASSEMBLE ACTION		6/11/08	R.P.D.
472	SERIALIZE BOLT HANDLE		6/12/08	R.P.D.
475	DRILL AND TAP SIGHT HOLES	MAGNA-FLUX JUN 15 2008 OPERATOR <i>lms</i>	6-13-08	TRW
480	MAGNAFLUX BBL ACTION		6/16/08	<i>lms</i>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		6/16/08	RT
520	GOFF BLAST BBL / REC		6/17/08	TL
542	APPLY COATINGS (BARREL ACTION)		6/18/08	<i>lms</i>
545	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		6-20-08	RT
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		6-20-08	RT
	C) INSPECT EJECTOR HOLE FOR CHAMFER		6-20-08	RT
	D) OIL FIRING PIN ASSEMBLY		6-23-08	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>5.5</u> <u>6</u> <u>6</u>	6/25/08	Fm
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4</u> <u>4</u> <u>3</u>	6/25/08	Fm
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.023</u>	6/25/08	Fm
	J) ASSEMBLE STOCK		6/25/08	RTV
	K) ASSEMBLE SWIVEL STUDS		6-25-08	RTZ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		6-25-08	RTZ
	M) IRON SIGHT ALIGNMENT		6-25-08	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		6-28-08	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	6-24-08	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	6-24-08	M.M.
660	INSPECT FOR LIVE AMMO			
670	FINAL INSPECTION A) HEADSPACE		6-25-08	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.25</u> <u>2.26</u> <u>2.15</u> <u>2.13</u> <u>2.07</u>	6/25/08	Fm
	C) FUNCTION		6-25-08	RTZ
690	PACK		6/27/08	Fm

F004 REV 5/2006

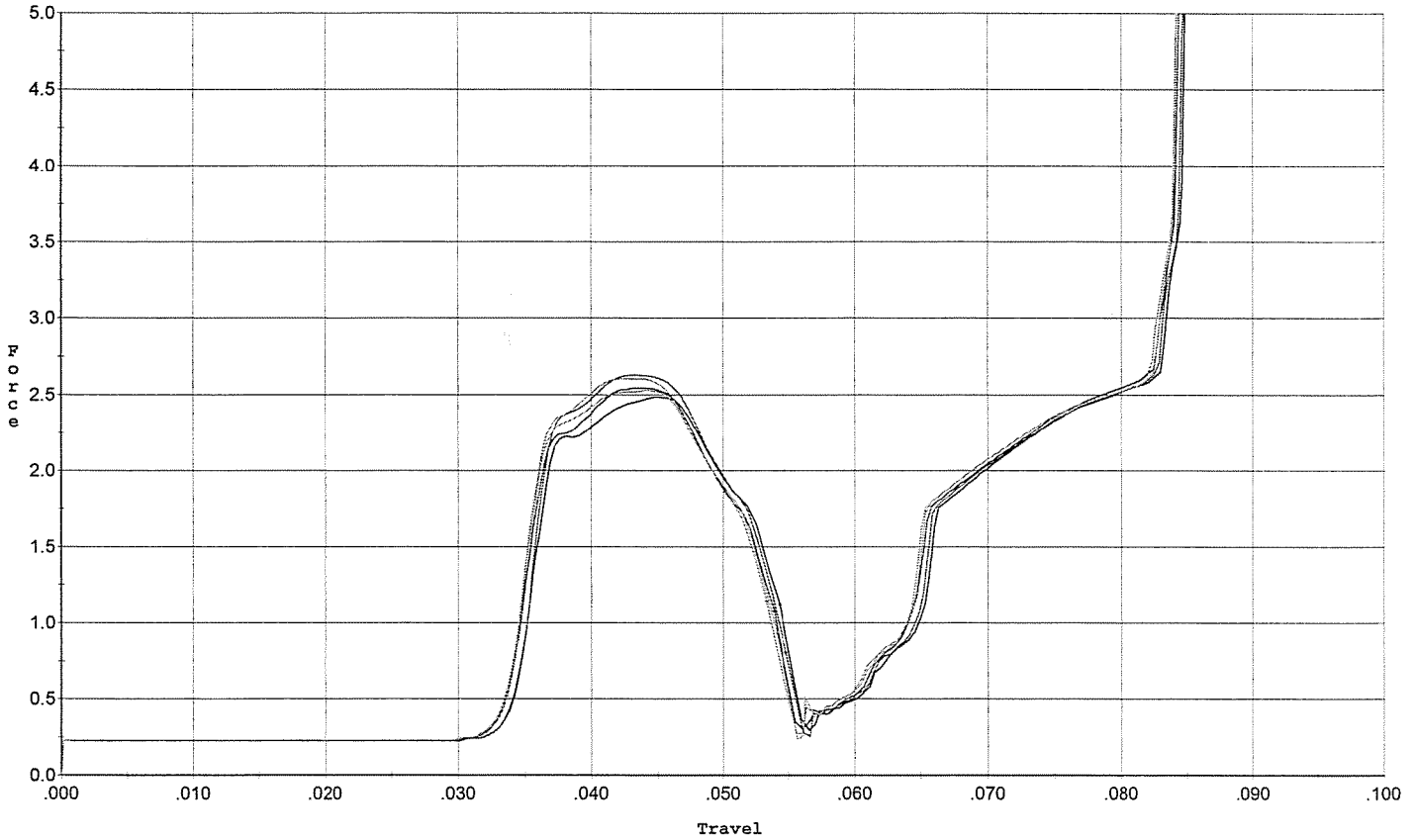
CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0438496~~ 38535

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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



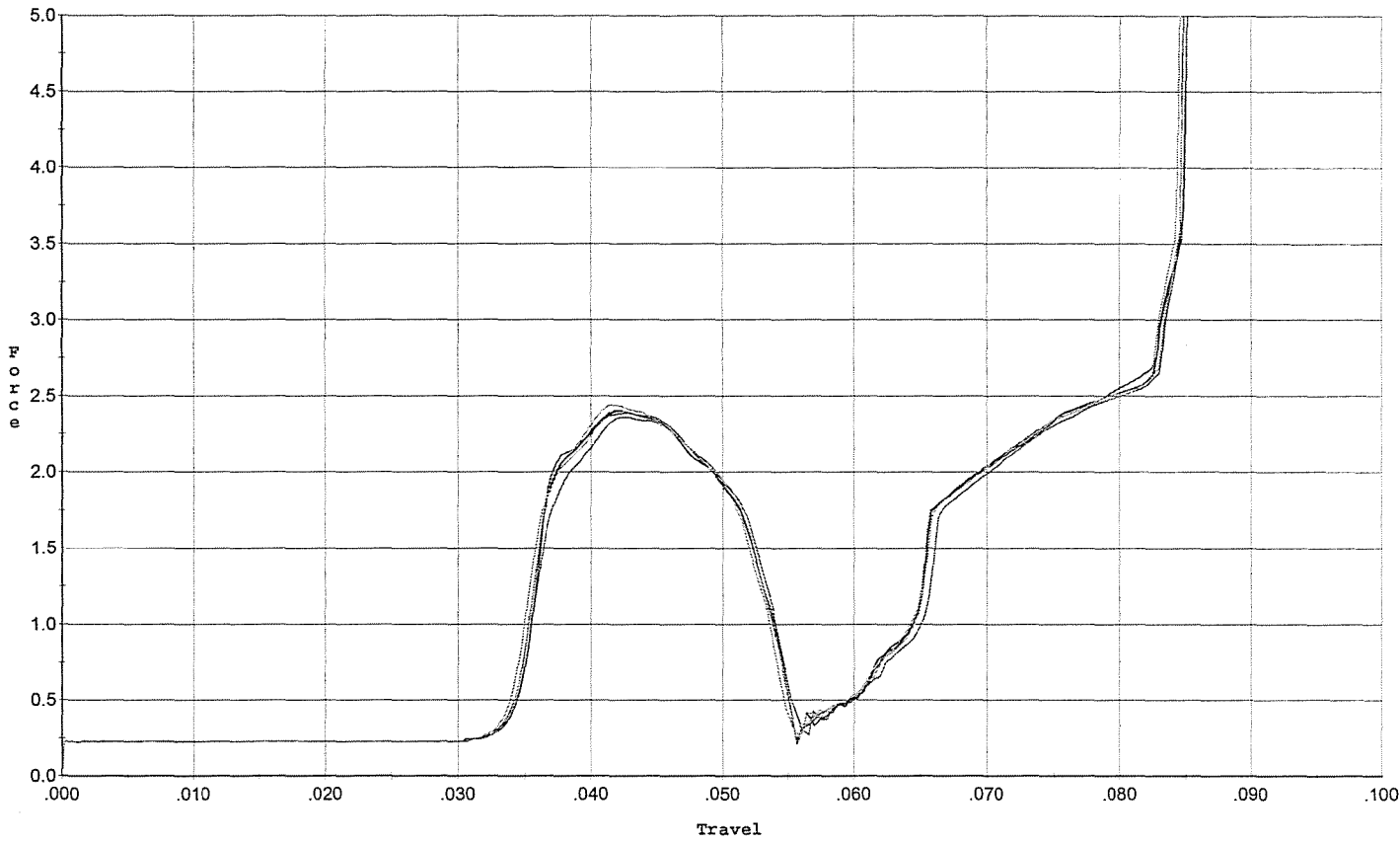
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.545	0.054	0.033	0.036	0.049		Set Trigger
2	2.485	0.054	0.034	0.036	0.049		Set Trigger
3	2.629	0.055	0.034	0.036	0.050		Set Trigger
4	2.531	0.054	0.033	0.036	0.049		Set Trigger
5	2.604	0.053	0.033	0.036	0.049		Set Trigger

AVG 2.55

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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



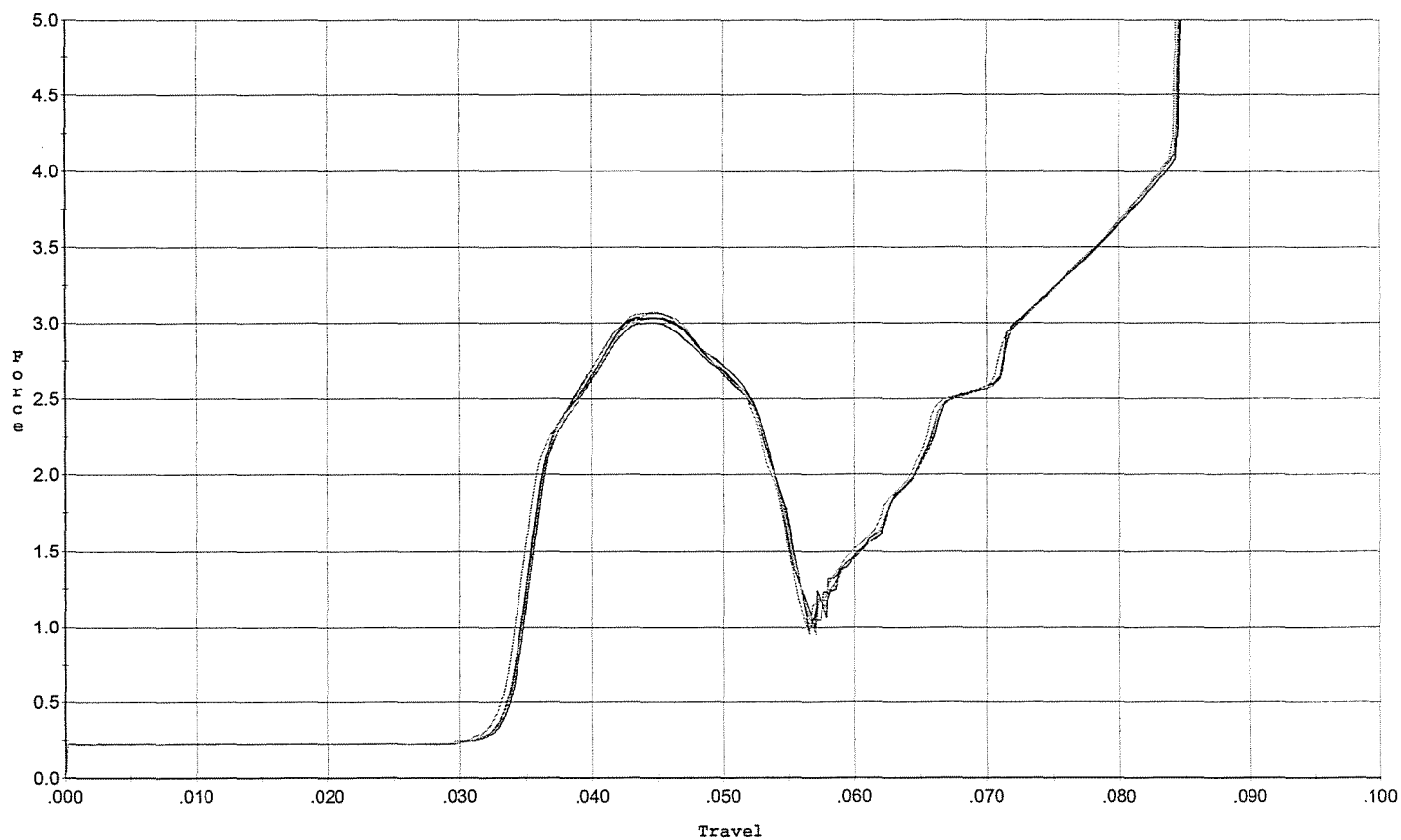
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.388	0.054	0.034	0.037	0.046		Set Trigger
2	2.404	0.054	0.034	0.036	0.046		Set Trigger
3	2.363	0.054	0.034	0.037	0.045		Set Trigger
4	2.411	0.054	0.034	0.036	0.046		Set Trigger
5	2.443	0.053	0.033	0.036	0.046		Set Trigger

Avg 2.40

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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



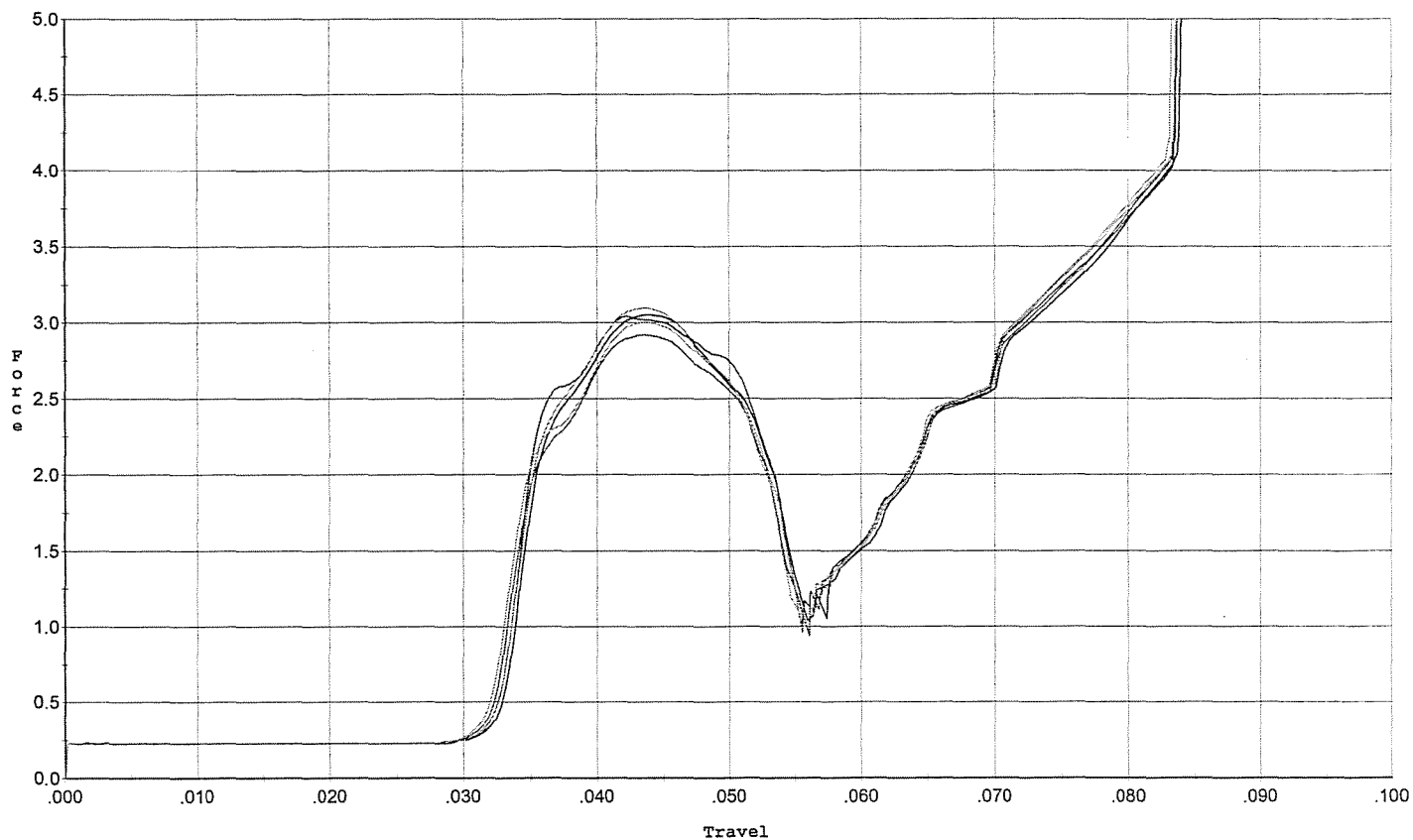
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.033	0.054	0.033	0.035	0.059		Set Trigger
2	3.035	0.055	0.033	0.035	0.060		Set Trigger
3	3.003	0.055	0.033	0.035	0.060		Set Trigger
4	3.073	0.054	0.033	0.035	0.059		Set Trigger
5	3.062	0.054	0.033	0.035	0.060		Set Trigger

Avg 3.04

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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



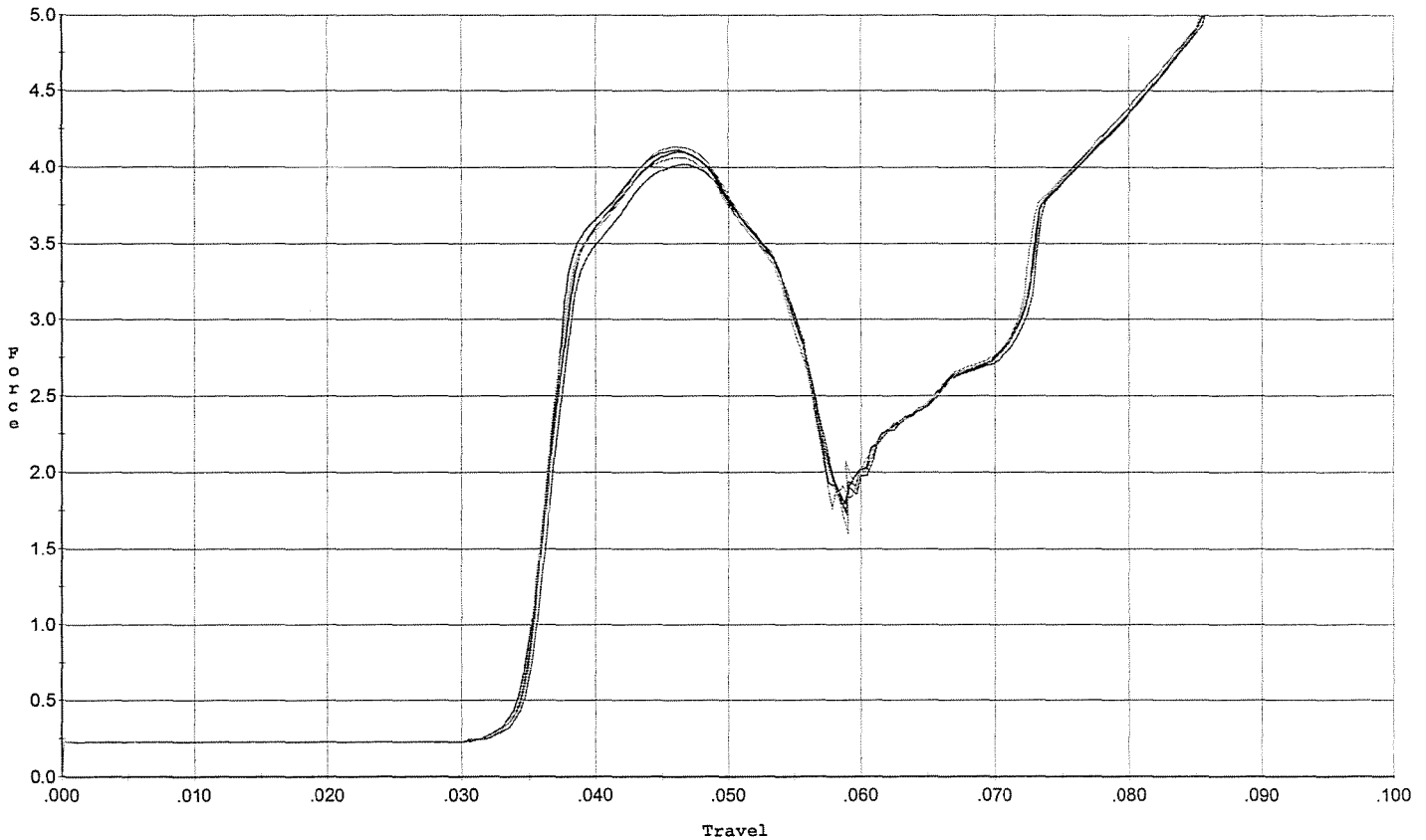
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.042	0.053	0.032	0.034	0.061		Set Trigger
2	3.052	0.053	0.033	0.035	0.059		Set Trigger
3	2.920	0.053	0.032	0.035	0.058		Set Trigger
4	3.001	0.053	0.032	0.034	0.059		Set Trigger
5	3.095	0.054	0.032	0.035	0.060		Set Trigger

Avg 3.02

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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	4.115	0.056	0.034	0.034	0.081		Set Trigger
2	4.101	0.056	0.034	0.034	0.080		Set Trigger
3	4.020	0.056	0.034	0.035	0.079		Set Trigger
4	4.064	0.056	0.034	0.034	0.081		Set Trigger
5	4.134	0.056	0.034	0.034	0.081		Set Trigger

Avg 4.08

Trigger Profile [lbs,inch]

Profile

GunType:

Make:

Note:

SWS

Rifle

Remington

R. Putch 5/30/08

Model:

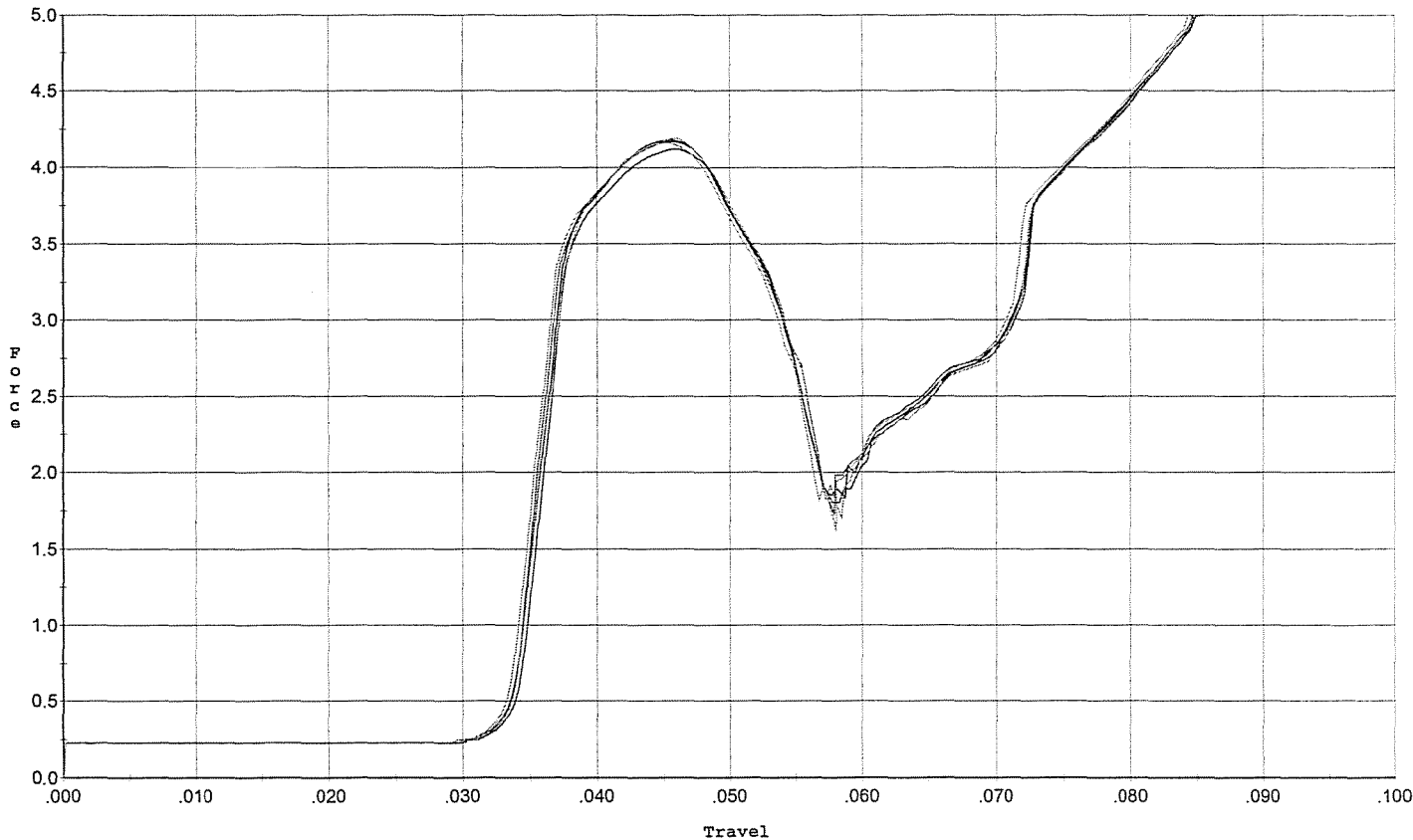
Serial No:

Trigger:

M/24

Form #F005

4.0 lbs. after 20 cycles +/- 1.0 lbs.



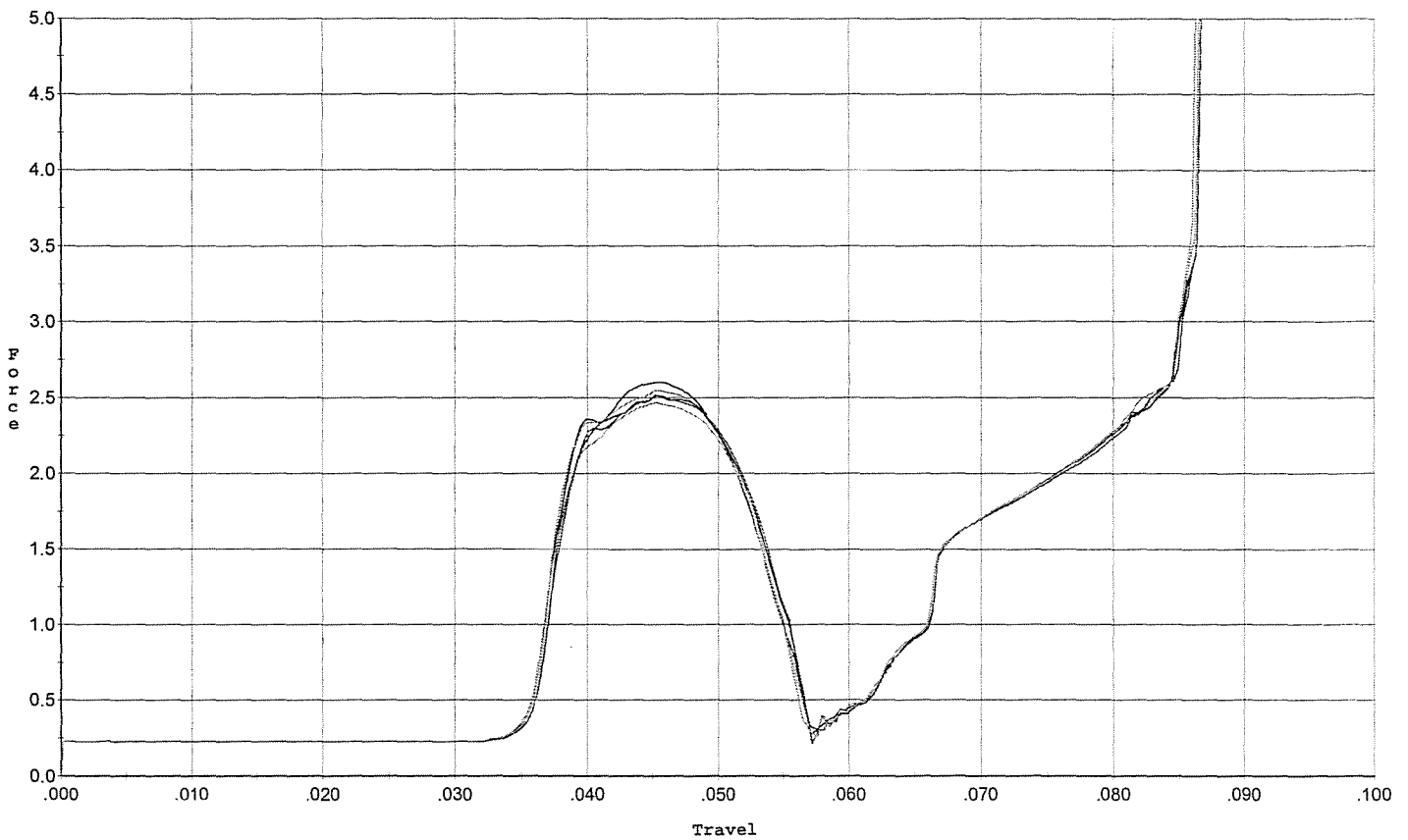
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.121	0.055	0.034	0.034	0.081		Set Trigger
2	4.170	0.055	0.033	0.034	0.081		Set Trigger
3	4.180	0.055	0.033	0.034	0.081		Set Trigger
4	4.163	0.055	0.033	0.034	0.082		Set Trigger
5	4.190	0.055	0.033	0.034	0.082		Set Trigger

AVG 4.16

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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



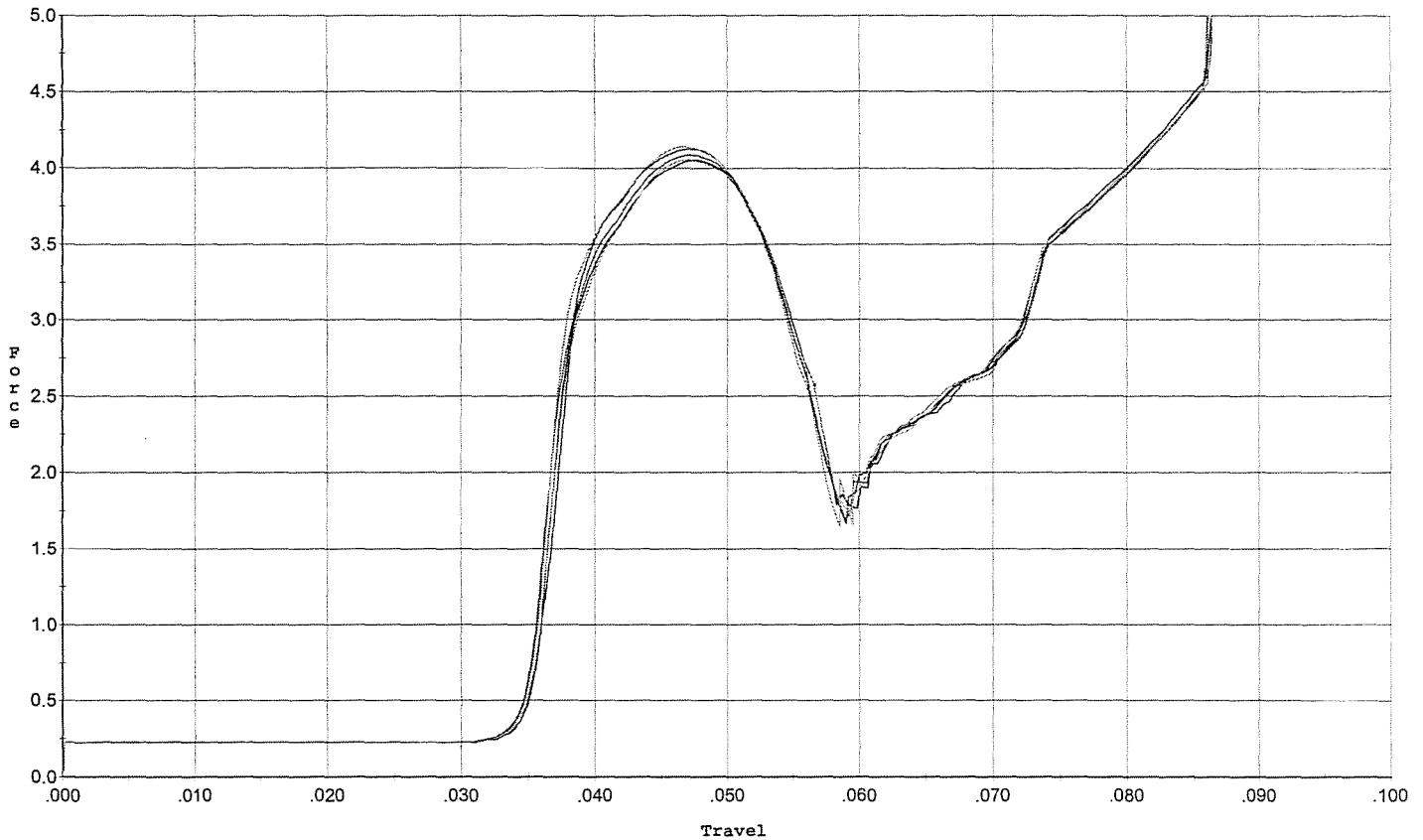
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.602	0.056	0.036	0.037	0.048		Set Trigger
2	2.517	0.055	0.036	0.037	0.048		Set Trigger
3	2.513	0.055	0.036	0.037	0.048		Set Trigger
4	2.547	0.055	0.035	0.037	0.048		Set Trigger
5	2.468	0.055	0.035	0.037	0.047		Set Trigger

Avg 2.52

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 5/30/08

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	4.126	0.056	0.034	0.035	0.079		Set Trigger
2	4.052	0.057	0.035	0.035	0.080		Set Trigger
3	4.087	0.056	0.034	0.035	0.080		Set Trigger
4	4.057	0.057	0.035	0.035	0.080		Set Trigger
5	4.140	0.056	0.034	0.035	0.081		Set Trigger

Avg 4.09

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6749759.___0

FILE DATE AND TIME: 06/25/2008 05:58

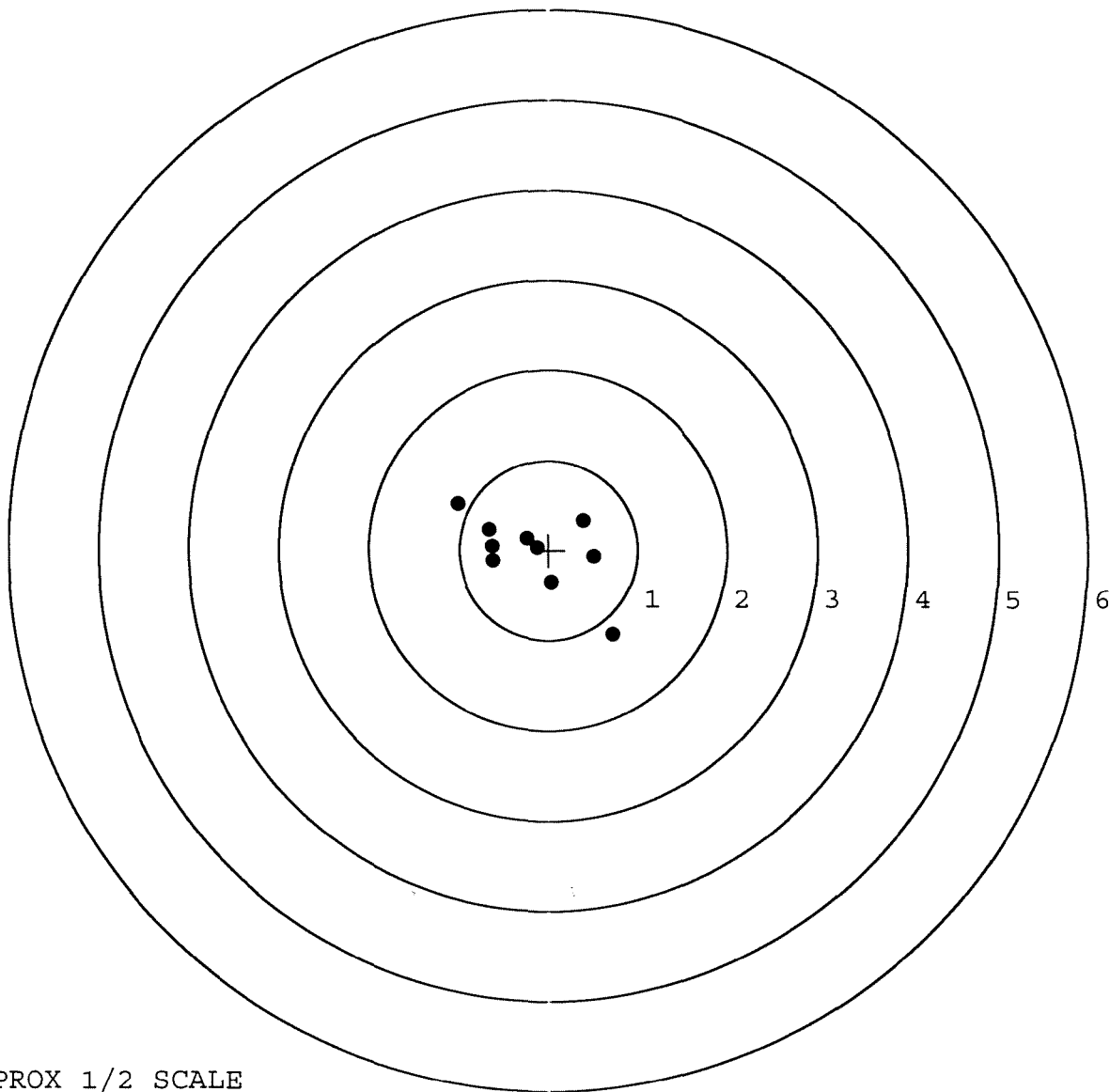
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.017
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.027
The Average Mean Radius of the Five Target Set:	0.609
The Distance from POA to Centroid Target #1:	0.166
The Distance from Centroid Target #2 to Centroid Target #1:	0.345
The Distance from Centroid Target #3 to Centroid Target #1:	0.154
The Distance from Centroid Target #4 to Centroid Target #1:	0.235
The Distance from Centroid Target #5 to Centroid Target #1:	0.081

BARBER - M24 0138506

SERIAL NUMBER: G6749759. __0
TARGET NUMBER: 1
FILE DATE: 06/25/2008
FILE TIME: 05:58

	POINT#	X	Y
	1:	0.721	-0.946
	2:	0.511	-0.076
	3:	0.394	-0.327
	4:	0.028	-0.362
X CENTROID:	5:	-0.128	0.029
Y CENTROID:	6:	-0.241	0.139
POA TO CENTROID:	7:	-0.623	-0.120
HORZ SPREAD:	8:	-0.632	0.044
VERT SPREAD:	9:	-0.660	0.233
GROUP SPREAD:	10:	-1.016	0.515
MIN RADIUS:		0.063	
MAX RADIUS:		1.280	
MEAN RADIUS:		0.575	
# IN 1 IN DIAMETER:		5	
# IN 2 IN DIAMETER:		8	
# in 3 IN DIAMETER:		10	



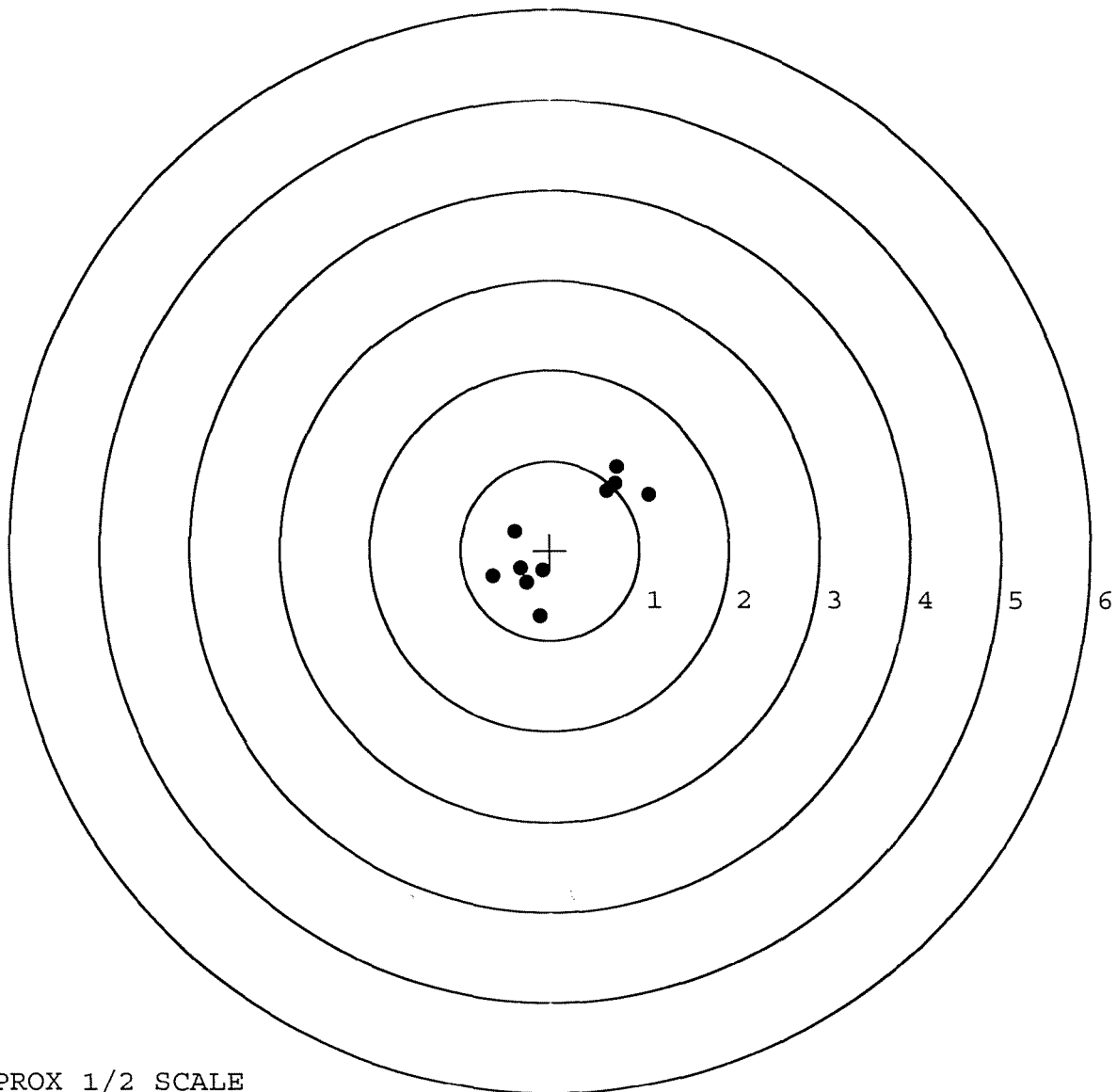
TARGET APPROX 1/2 SCALE

BARBER - M24 0138507

SERIAL NUMBER: G6749759. __0
TARGET NUMBER: 2
FILE DATE: 06/25/2008
FILE TIME: 05:58

POINT#	X	Y
1:	1.103	0.626
2:	0.752	0.940
3:	0.634	-0.668
4:	0.730	0.753
5:	-0.396	0.218
6:	-0.085	-0.223
7:	-0.329	-0.199
8:	-0.637	-0.283
9:	-0.261	-0.354
10:	-0.119	-0.736

X CENTROID: 0.139
Y CENTROID: 0.141
POA TO CENTROID: 0.198
HORZ SPREAD: 1.740
VERT SPREAD: 1.676
GROUP SPREAD: 1.963
MIN RADIUS: 0.428
MAX RADIUS: 1.079
MEAN RADIUS: 0.764
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



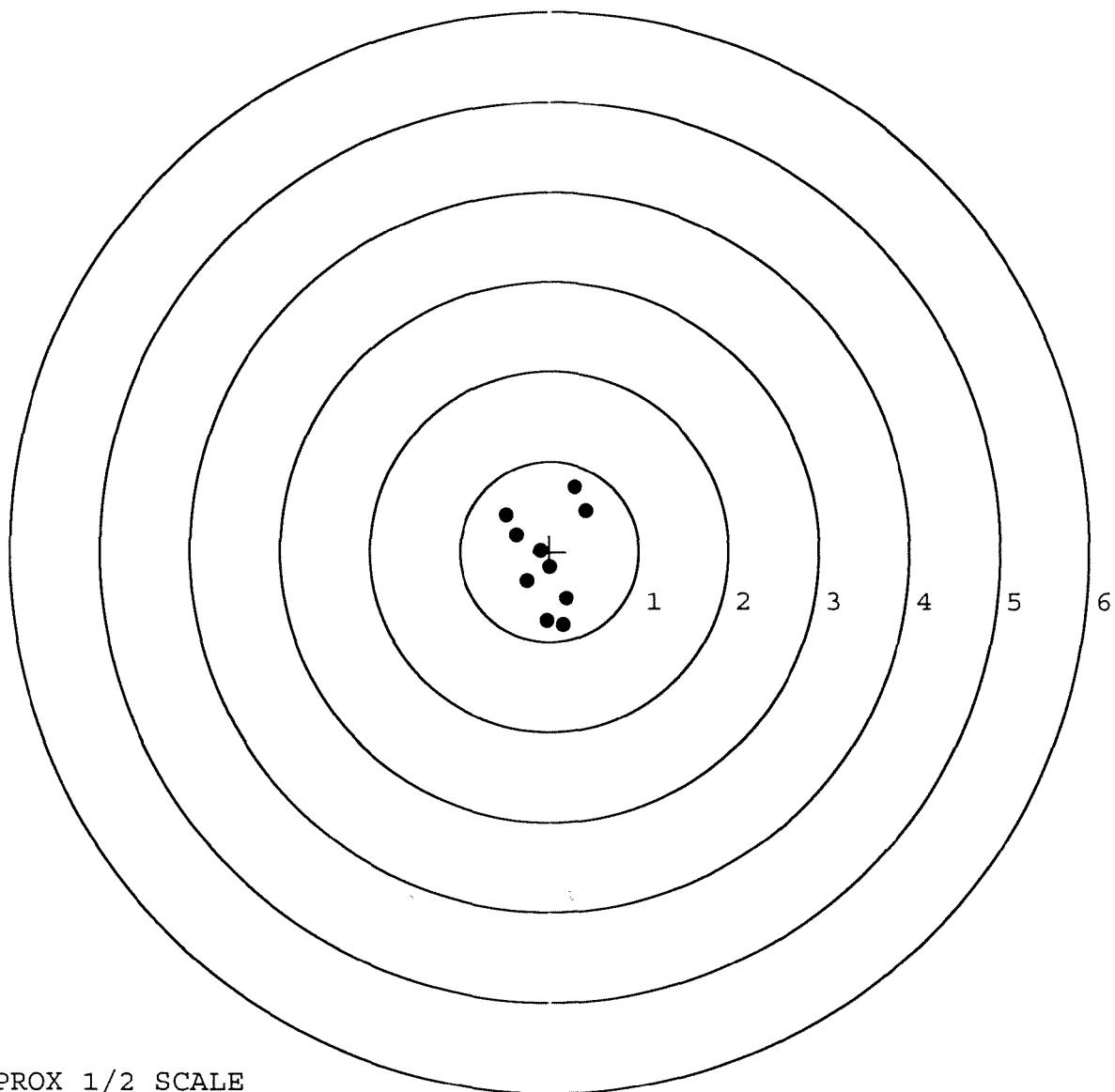
TARGET APPROX 1/2 SCALE

BARBER - M24 0138508

SERIAL NUMBER: G6749759. __0
TARGET NUMBER: 3
FILE DATE: 06/25/2008
FILE TIME: 05:58

POINT#	X	Y
1:	0.412	0.456
2:	0.280	0.712
3:	-0.487	-0.412
4:	-0.378	0.190
5:	0.150	-0.816
6:	-0.034	-0.768
7:	0.190	-0.522
8:	-0.259	-0.326
9:	-0.001	-0.170
10:	-0.106	0.015

X CENTROID: -0.023
Y CENTROID: -0.082
POA TO CENTROID: 0.085
HORZ SPREAD: 0.899
VERT SPREAD: 1.528
GROUP SPREAD: 1.534
MIN RADIUS: 0.091
MAX RADIUS: 0.850
MEAN RADIUS: 0.515
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



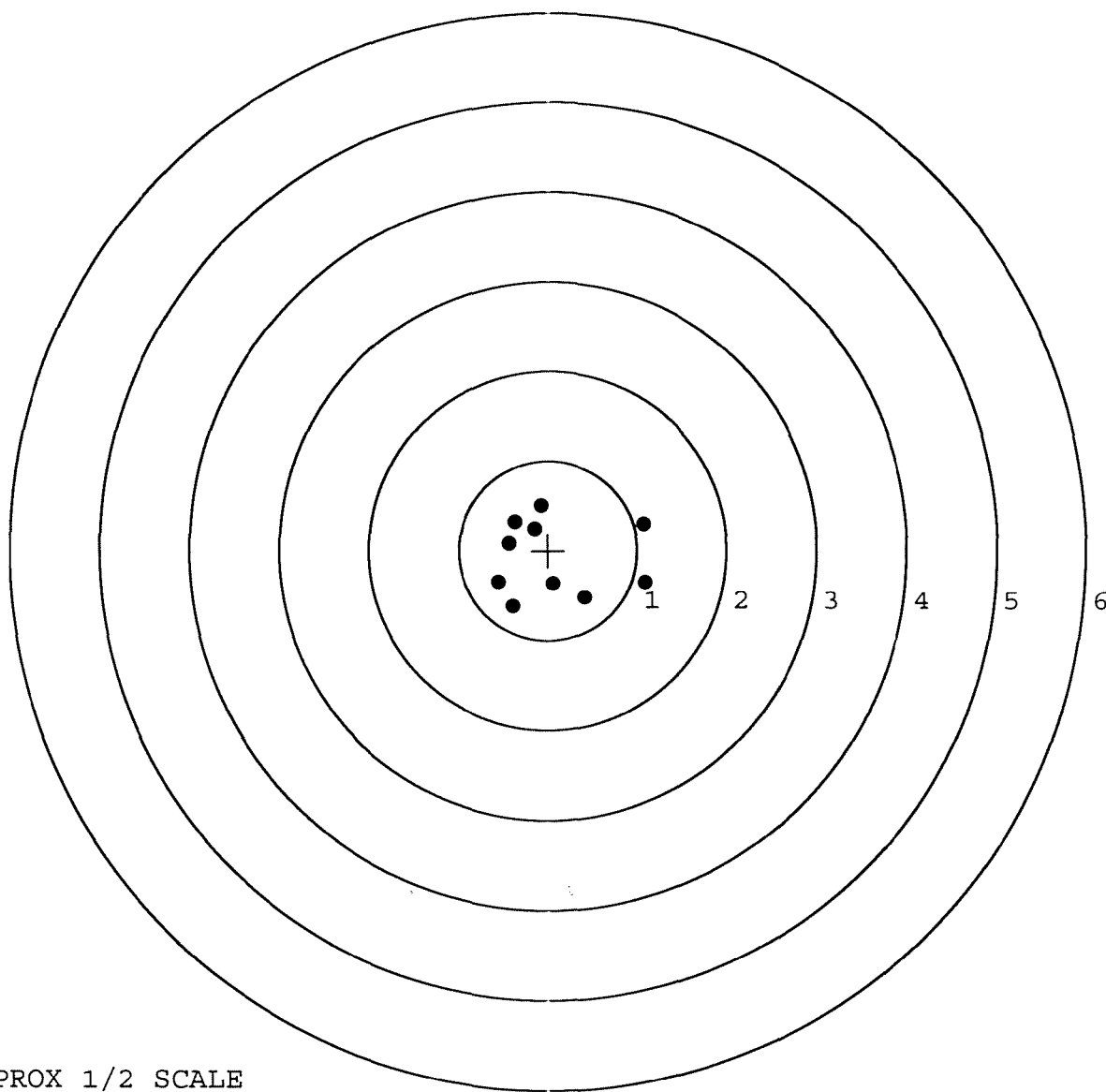
TARGET APPROX 1/2 SCALE

BARBER - M24 0138509

SERIAL NUMBER: G6749759. __0
TARGET NUMBER: 4
FILE DATE: 06/25/2008
FILE TIME: 05:58

X CENTROID: 0.063
Y CENTROID: -0.080
POA TO CENTROID: 0.102
HORZ SPREAD: 1.642
VERT SPREAD: 1.119
GROUP SPREAD: 1.750
MIN RADIUS: 0.292
MAX RADIUS: 1.077
MEAN RADIUS: 0.648
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.088	-0.358
2:	1.073	0.293
3:	0.419	-0.522
4:	0.055	-0.372
5:	-0.397	-0.624
6:	-0.554	-0.351
7:	-0.437	0.085
8:	-0.374	0.319
9:	-0.158	0.234
10:	-0.085	0.495



TARGET APPROX 1/2 SCALE

BARBER - M24 0138510

SERIAL NUMBER: G6749759. __0
TARGET NUMBER: 5
FILE DATE: 06/25/2008
FILE TIME: 05:58

X CENTROID: -0.097
Y CENTROID: -0.066
POA TO CENTROID: 0.117
HORZ SPREAD: 1.786
VERT SPREAD: 1.654
GROUP SPREAD: 2.287
MIN RADIUS: 0.035
MAX RADIUS: 1.423
MEAN RADIUS: 0.542
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.052	0.774
2:	-0.125	-0.880
3:	-0.734	-0.655
4:	0.375	-0.089
5:	0.034	-0.254
6:	-0.069	-0.087
7:	-0.377	-0.128
8:	-0.554	0.155
9:	-0.360	0.128
10:	-0.211	0.374

