

G6635179

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

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



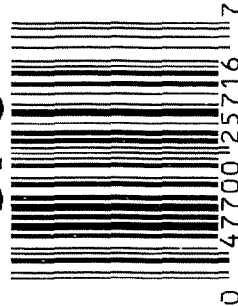
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6635179

UPC



0143134

BARBER - M24 0143135

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC

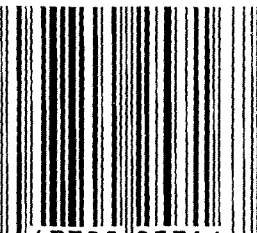


0 47700 25716 7

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



0 47700 25716 7

SERIAL NO.



66635179

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0143135 43174

GUN SERIAL # G66035179

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		1-26-07	RTZ
420	ASSEMBLE ACTION		1-26-07	RTZ
430	ASSEMBLE TO STOCK		1-29-07	FM
440	PROOF		1-29-07	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	1-29-07	TRW
470	DIS-ASSEMBLE ACTION	JAN 31 2007	1-29-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	1-31-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		1-31-07	CW
510	DRILL AND TAP SIGHT HOLES		1-30-07	FM
520	GOFF BLAST BBL / REC		2-2-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		2-3-07	WJ
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		2-21-07	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		2-21-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		2-21-07	SD
	D) OIL FIRING PIN ASSEMBLY		2-27-07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		3/1/07	non
F004 REV 5/2006				

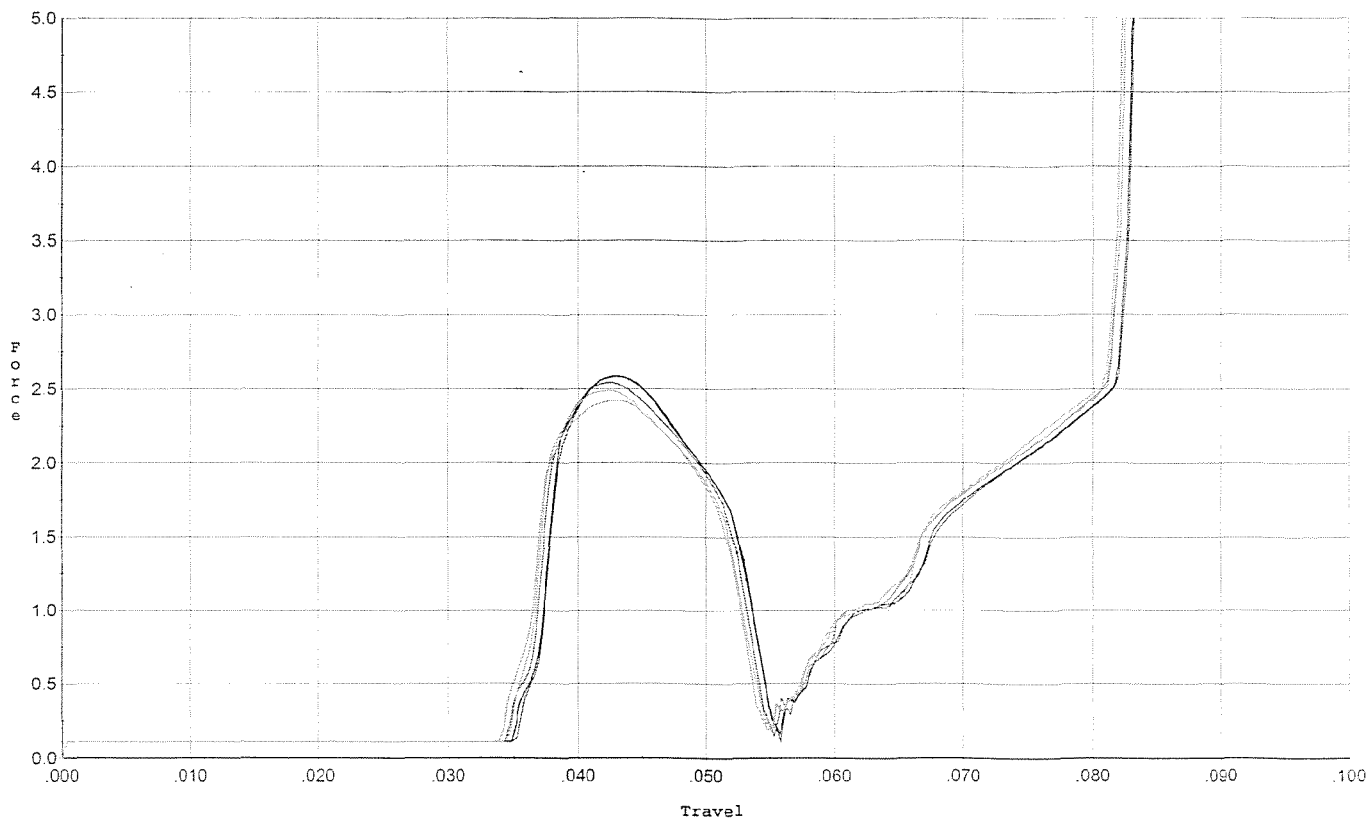
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6°</u> <u>6°</u> <u>5°</u>	3/1/07	non
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>4°</u> <u>4°</u> <u>4°</u>	3/1/07	non
	H) TRIGGER PULL TEST AND RETAINABILITY		3/1/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.024</u>	3/1/07	non
	J) ASSEMBLE STOCK		2-27-07	SP.D.
	K) ASSEMBLE SWIVEL STUDS		3/1/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		3/9/07	non
	M) IRON SIGHT ALIGNMENT		3/9/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		3/9/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	2/28/07	non
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		2-28-07	SD
670	FINAL INSPECTION A) HEADSPACE		3/1/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.21</u> <u>2.22</u> <u>2.25</u> <u>2.52</u> <u>2.58</u>	3/1/07	non
	C) FUNCTION		3/1/07	non
690	PACK		3/26/07	PA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 2/16/07

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



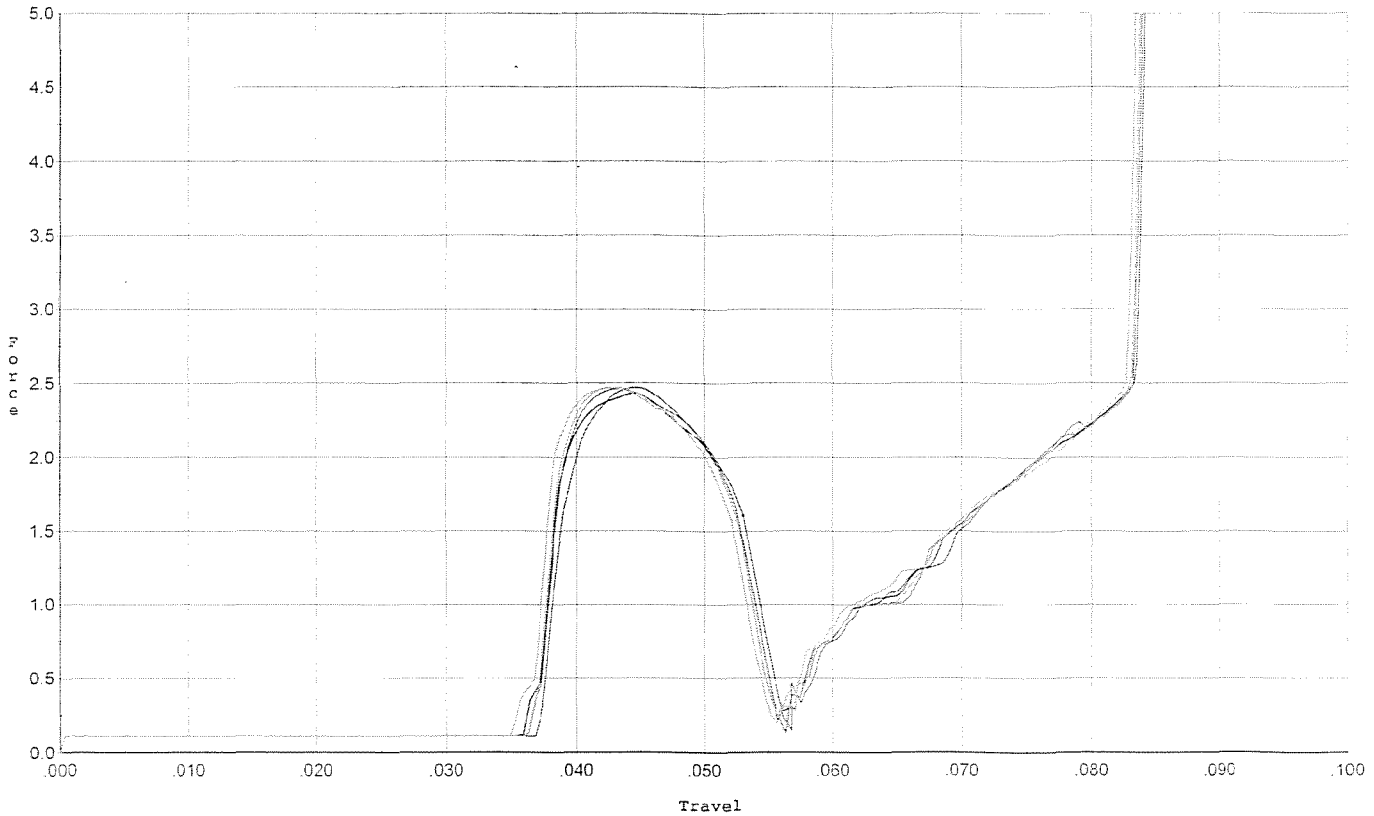
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.582	0.053	0.036	0.037	0.039		Set Trigger
2	2.586	0.053	0.035	0.037	0.039		Set Trigger
3	2.543	0.052	0.035	0.036	0.039		Set Trigger
4	2.488	0.052	0.035	0.037	0.038		Set Trigger
5	2.421	0.052	0.034	0.036	0.038		Set Trigger

Avg 2.52

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 2/16/07

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



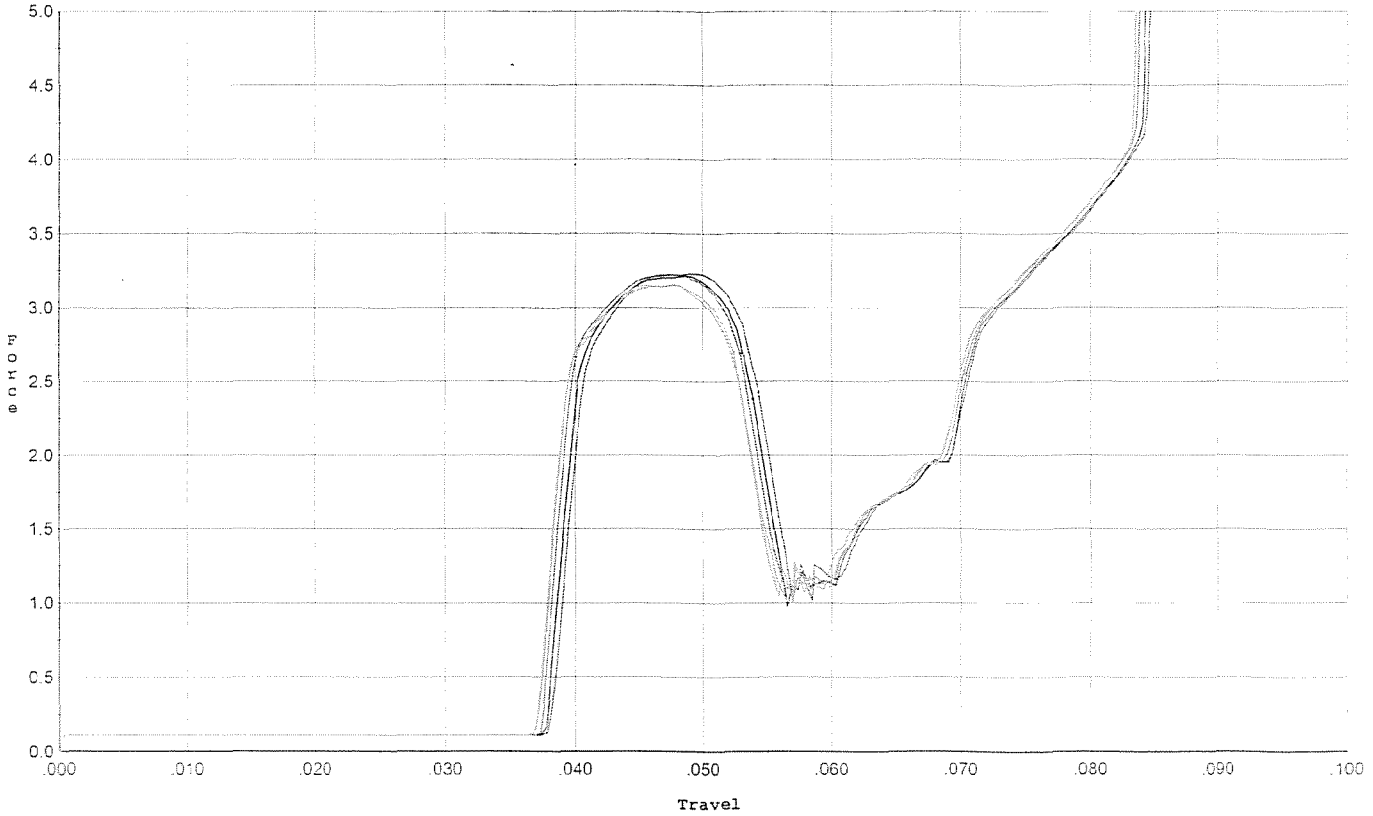
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.472	0.053	0.037	0.038	0.037		Set Trigger
2	2.433	0.053	0.036	0.037	0.037		Set Trigger
3	2.461	0.054	0.037	0.037	0.039		Set Trigger
4	2.474	0.053	0.037	0.037	0.038		Set Trigger
5	2.466	0.052	0.035	0.037	0.038		Set Trigger

Aug 2.46

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 2/16/07

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



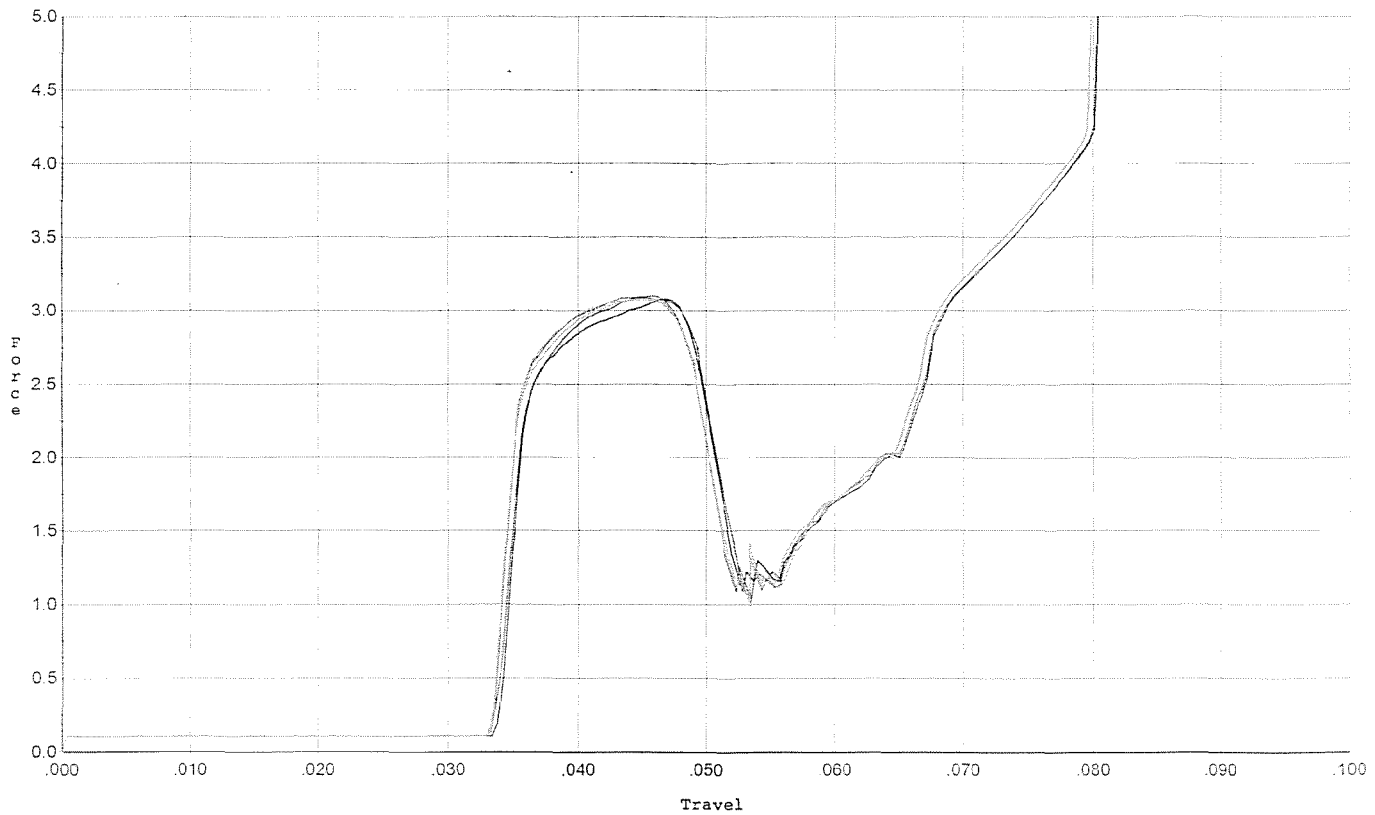
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.228	0.054	0.038	0.036	0.051		Set Trigger
2	3.215	0.054	0.038	0.036	0.050		Set Trigger
3	3.223	0.053	0.038	0.036	0.050		Set Trigger
4	3.150	0.052	0.037	0.037	0.049		Set Trigger
5	3.156	0.053	0.037	0.037	0.049		Set Trigger

Avg 3.19

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/16/07

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



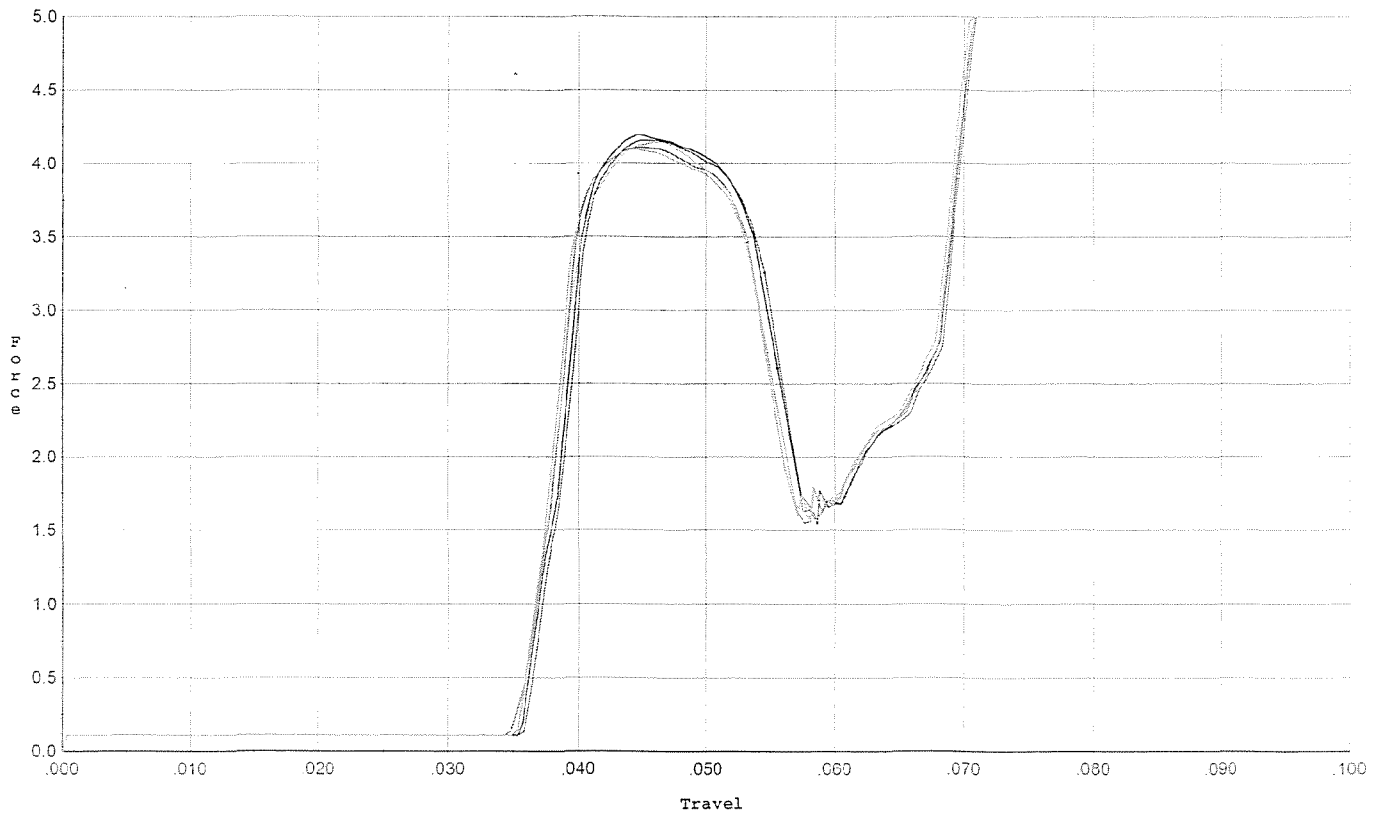
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.085	0.049	0.034	0.035	0.048		Set Trigger
2	3.080	0.050	0.034	0.035	0.047		Set Trigger
3	3.098	0.049	0.034	0.034	0.048		Set Trigger
4	3.076	0.049	0.033	0.034	0.048		Set Trigger
5	3.071	0.049	0.033	0.034	0.048		Set Trigger

Avg 3.08

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/16/07

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



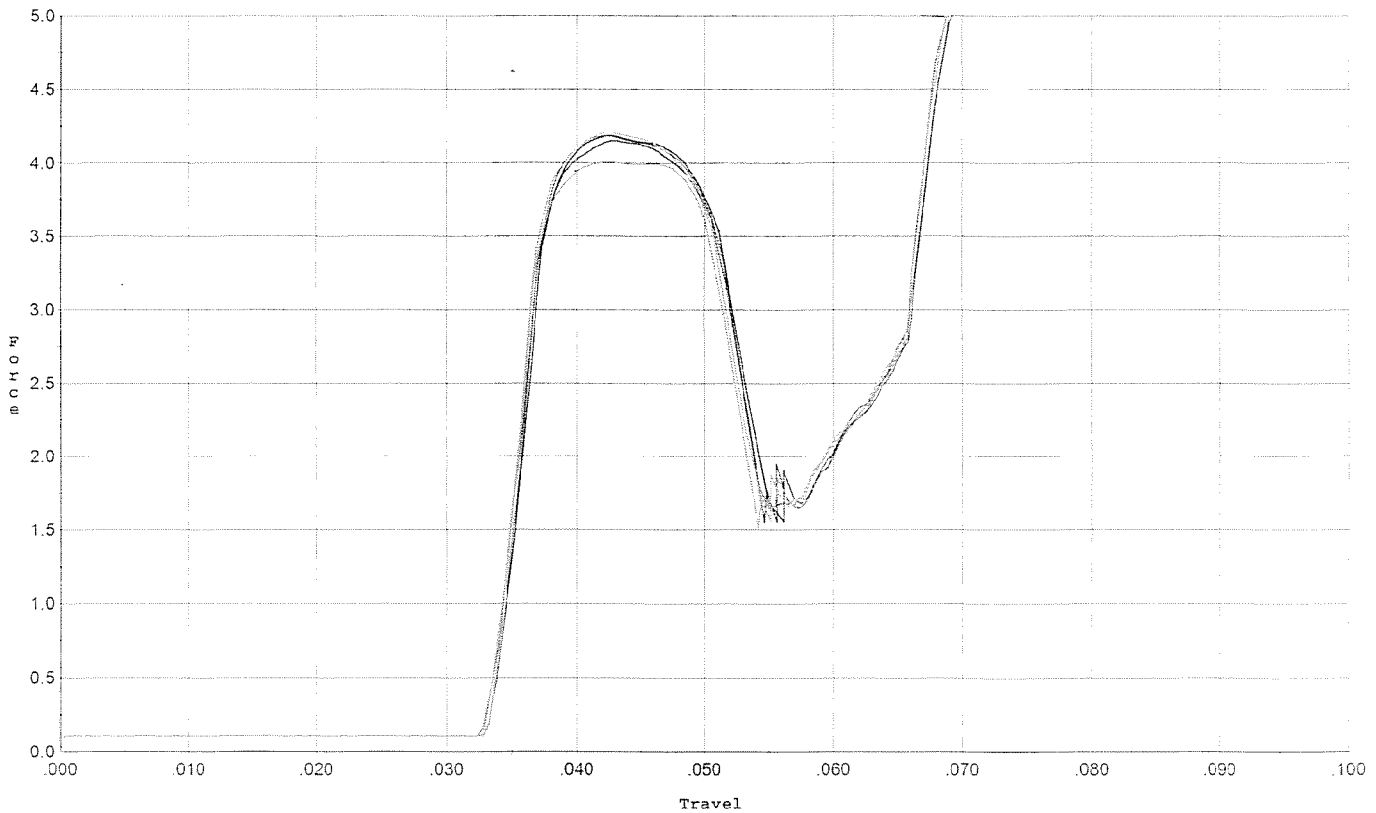
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.161	0.055	0.036	0.023	0.070		Set Trigger
2	4.196	0.056	0.036	0.022	0.072		Set Trigger
3	4.110	0.053	0.035	0.023	0.068		Set Trigger
4	4.146	0.053	0.036	0.023	0.067		Set Trigger
5	4.093	0.053	0.036	0.023	0.068		Set Trigger

Avg 4.14

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/16/07

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



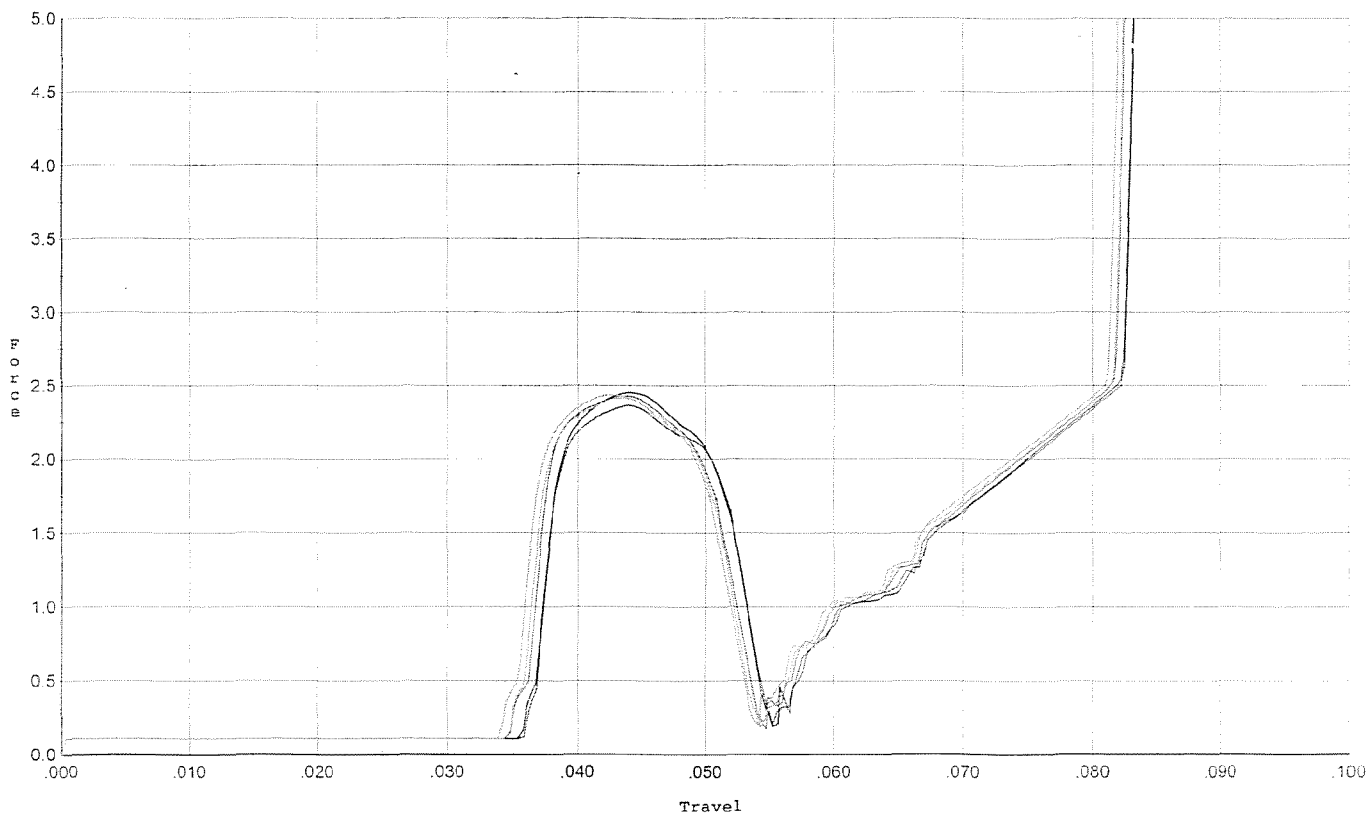
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.149	0.052	0.033	0.024	0.070		Set Trigger
2	4.186	0.051	0.033	0.024	0.069		Set Trigger
3	4.184	0.051	0.033	0.024	0.070		Set Trigger
4	4.207	0.051	0.033	0.024	0.068		Set Trigger
5	4.006	0.051	0.033	0.024	0.067		Set Trigger

Avg 4.14

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 2/16/07

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



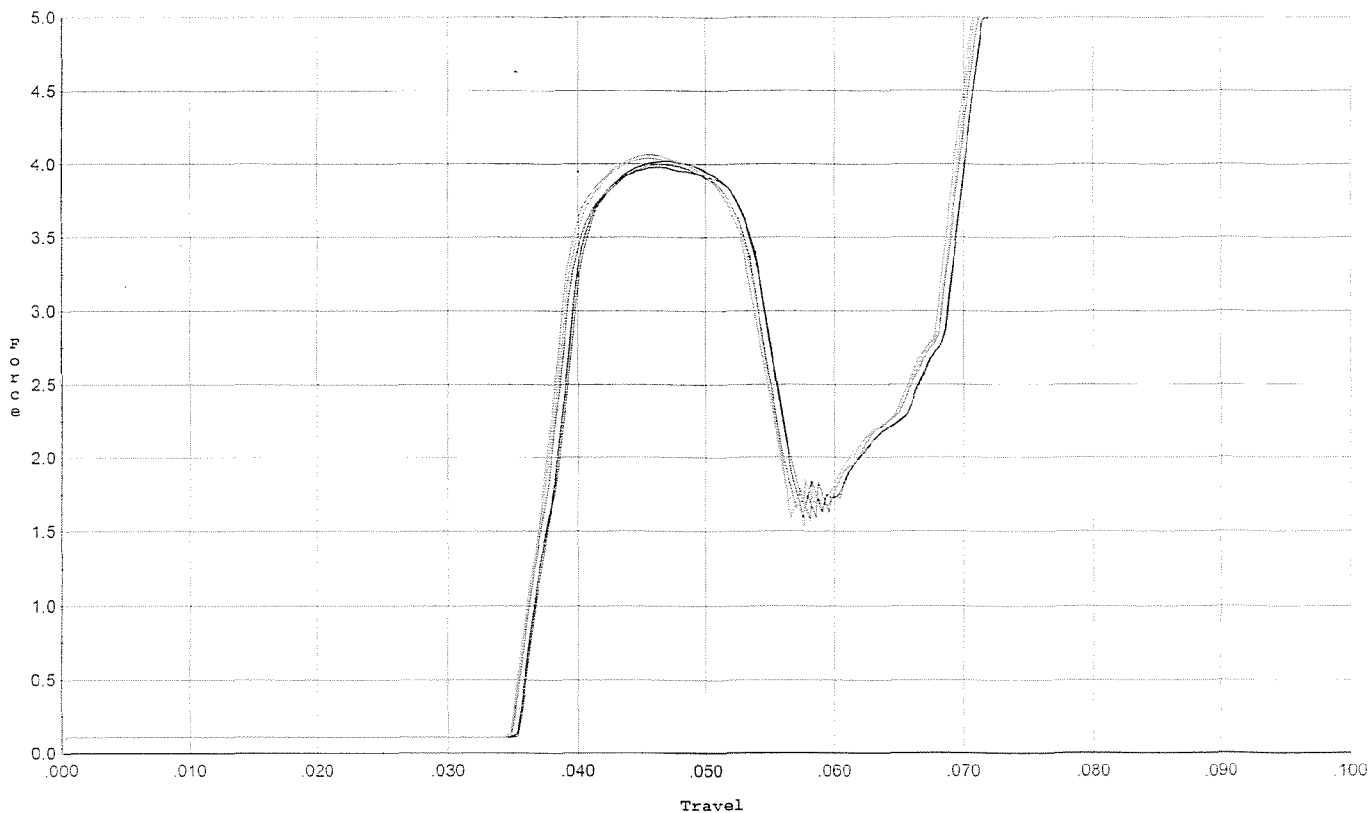
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.364	0.052	0.036	0.037	0.036		Set Trigger
2	2.448	0.052	0.036	0.037	0.037		Set Trigger
3	2.428	0.051	0.035	0.037	0.037		Set Trigger
4	2.410	0.051	0.035	0.037	0.037		Set Trigger
5	2.434	0.050	0.034	0.036	0.037		Set Trigger

Avg 2.41

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 2/16/07

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	3.978	0.054	0.036	0.023	0.067		Set Trigger
2	4.020	0.054	0.036	0.023	0.068		Set Trigger
3	3.998	0.053	0.035	0.023	0.067		Set Trigger
4	4.042	0.054	0.035	0.023	0.069		Set Trigger
5	4.064	0.054	0.035	0.023	0.070		Set Trigger

Avg 4.02

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635179.___0

FILE DATE AND TIME: 02/28/2007 23:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.025
The Average Y Centroid of the Five Target Set:	0.033
The Average Point of Impact of the Five Target Set:	0.041
The Average Mean Radius of the Five Target Set:	0.750
The Distance from POA to Centroid Target #1:	0.474
The Distance from Centroid Target #2 to Centroid Target #1:	0.744
The Distance from Centroid Target #3 to Centroid Target #1:	0.480
The Distance from Centroid Target #4 to Centroid Target #1:	0.555
The Distance from Centroid Target #5 to Centroid Target #1:	0.401

BARBER - M24 0143147

SERIAL NUMBER: G6635179. 0

TARGET NUMBER: 1

FILE DATE: 02/28/2007

FILE TIME: 23:38

POINT#	X	Y
1:	-0.630	0.343
2:	-0.501	0.627
3:	-0.072	0.637
4:	0.623	0.854
5:	1.197	0.267
6:	1.491	0.022
7:	-0.268	-0.695
8:	0.237	-1.387
9:	0.642	0.900
10:	0.404	2.002

X CENTROID: 0.312

Y CENTROID: 0.357

POA TO CENTROID: 0.474

HORZ SPREAD: 2.121

VERT SPREAD: 3.389

GROUP SPREAD: 3.393

MIN RADIUS: 0.475

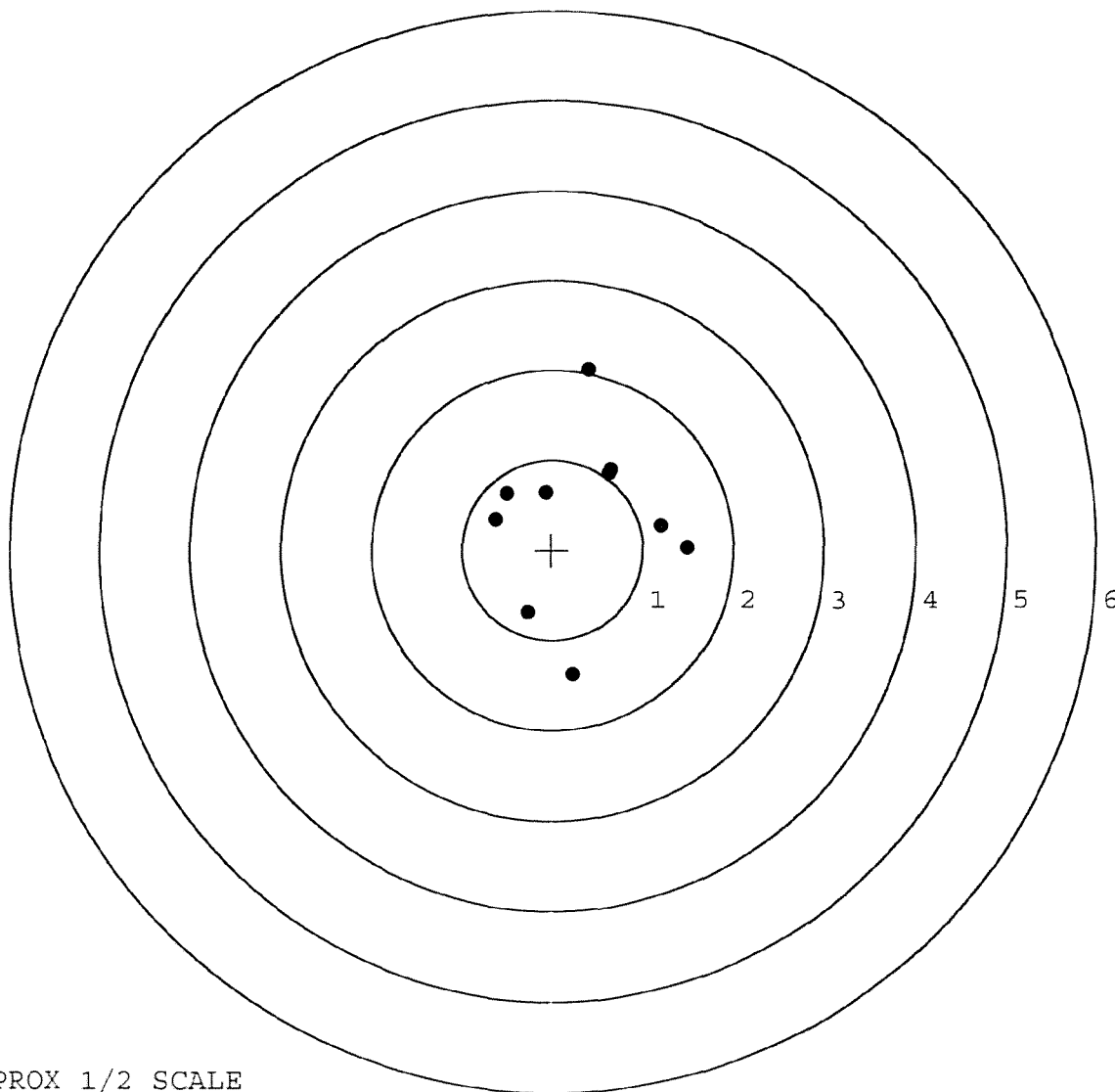
MAX RADIUS: 1.746

MEAN RADIUS: 1.021

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0143148

SERIAL NUMBER: G6635179. __0

TARGET NUMBER: 2

FILE DATE: 02/28/2007

FILE TIME: 23:38

X CENTROID: -0.246

Y CENTROID: -0.135

POA TO CENTROID: 0.281

HORZ SPREAD: 1.679

VERT SPREAD: 1.710

GROUP SPREAD: 1.877

MIN RADIUS: 0.064

MAX RADIUS: 0.994

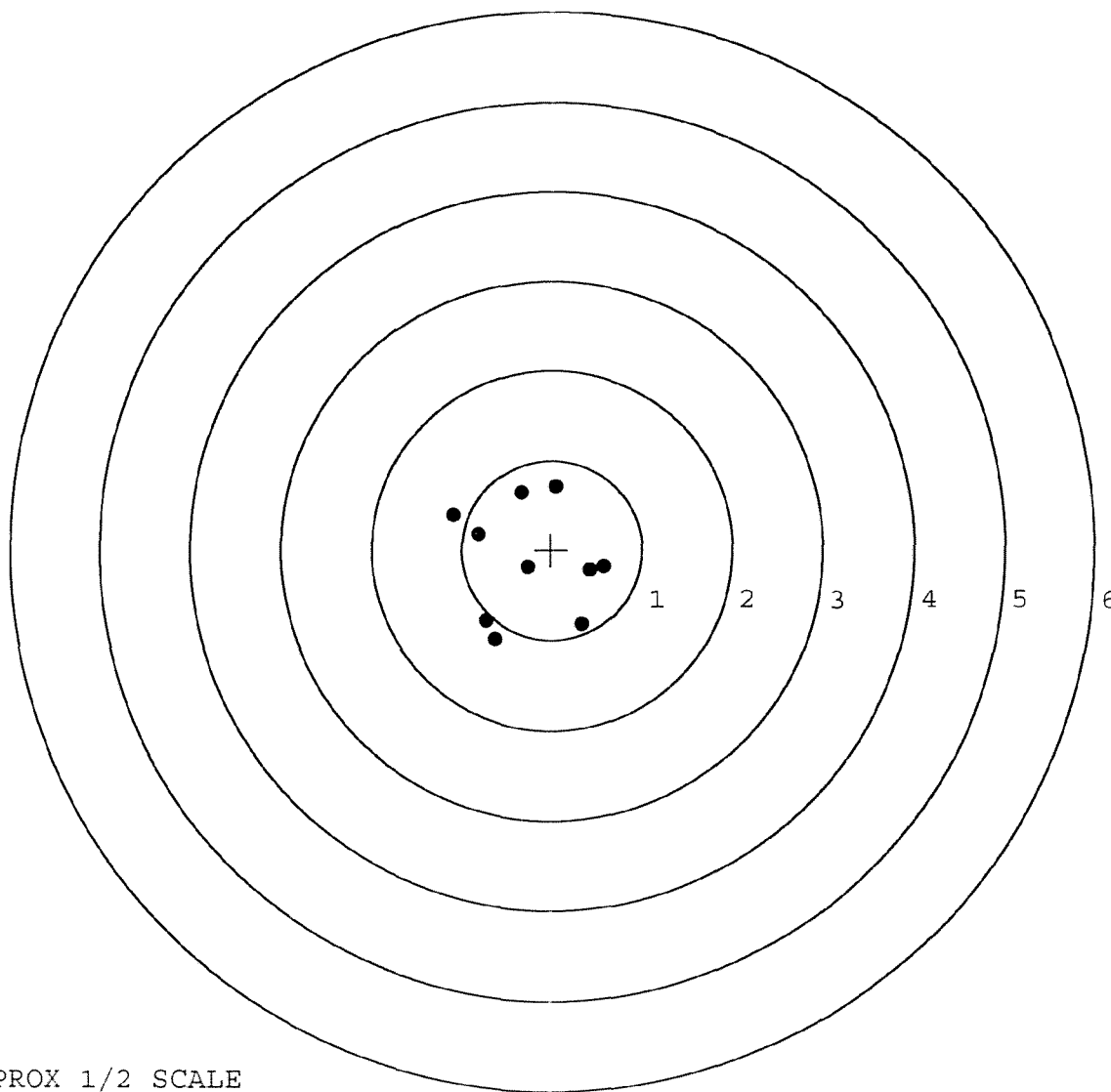
MEAN RADIUS: 0.757

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.095	0.383
2:	-0.815	0.173
3:	-0.730	-0.796
4:	-0.627	-1.003
5:	-0.263	-0.196
6:	0.336	-0.832
7:	0.432	-0.232
8:	0.584	-0.192
9:	0.053	0.707
10:	-0.338	0.641



TARGET APPROX 1/2 SCALE

BARBER - M24 0143149

SERIAL NUMBER: G6635179. 0

TARGET NUMBER: 3

FILE DATE: 02/28/2007

FILE TIME: 23:38

POINT#	X	Y
1:	0.254	0.776
2:	0.263	0.443
3:	0.612	0.182
4:	1.155	0.324
5:	-0.406	0.177
6:	-0.541	0.256
7:	-0.606	-0.342
8:	-0.093	-0.364
9:	-0.139	-0.627
10:	-0.152	-1.168

X CENTROID: 0.035

Y CENTROID: -0.034

POA TO CENTROID: 0.049

HORZ SPREAD: 1.761

VERT SPREAD: 1.944

GROUP SPREAD: 1.984

MIN RADIUS: 0.354

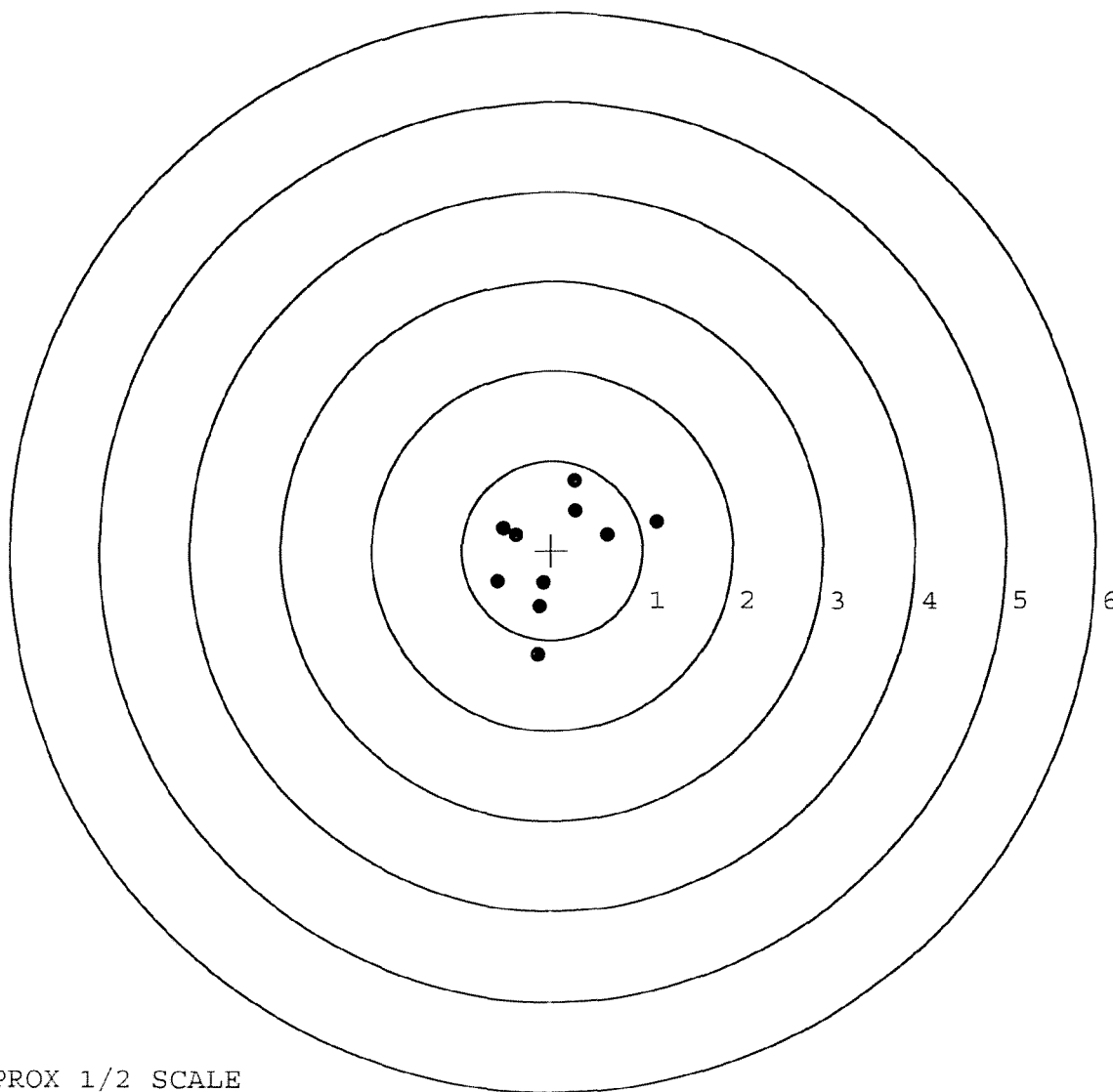
MAX RADIUS: 1.176

MEAN RADIUS: 0.713

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0143150

SERIAL NUMBER: G6635179. __0

TARGET NUMBER: 4

FILE DATE: 02/28/2007

FILE TIME: 23:38

POINT#	X	Y
1:	-0.605	0.471
2:	-0.353	0.381
3:	0.255	0.455
4:	0.229	0.908
5:	0.349	-0.076
6:	0.662	-0.012
7:	-0.157	-0.299
8:	-0.359	-0.795
9:	-0.328	-1.169
10:	0.272	-0.856

X CENTROID: -0.003

Y CENTROID: -0.099

POA TO CENTROID: 0.099

HORZ SPREAD: 1.267

VERT SPREAD: 2.077

GROUP SPREAD: 2.150

MIN RADIUS: 0.252

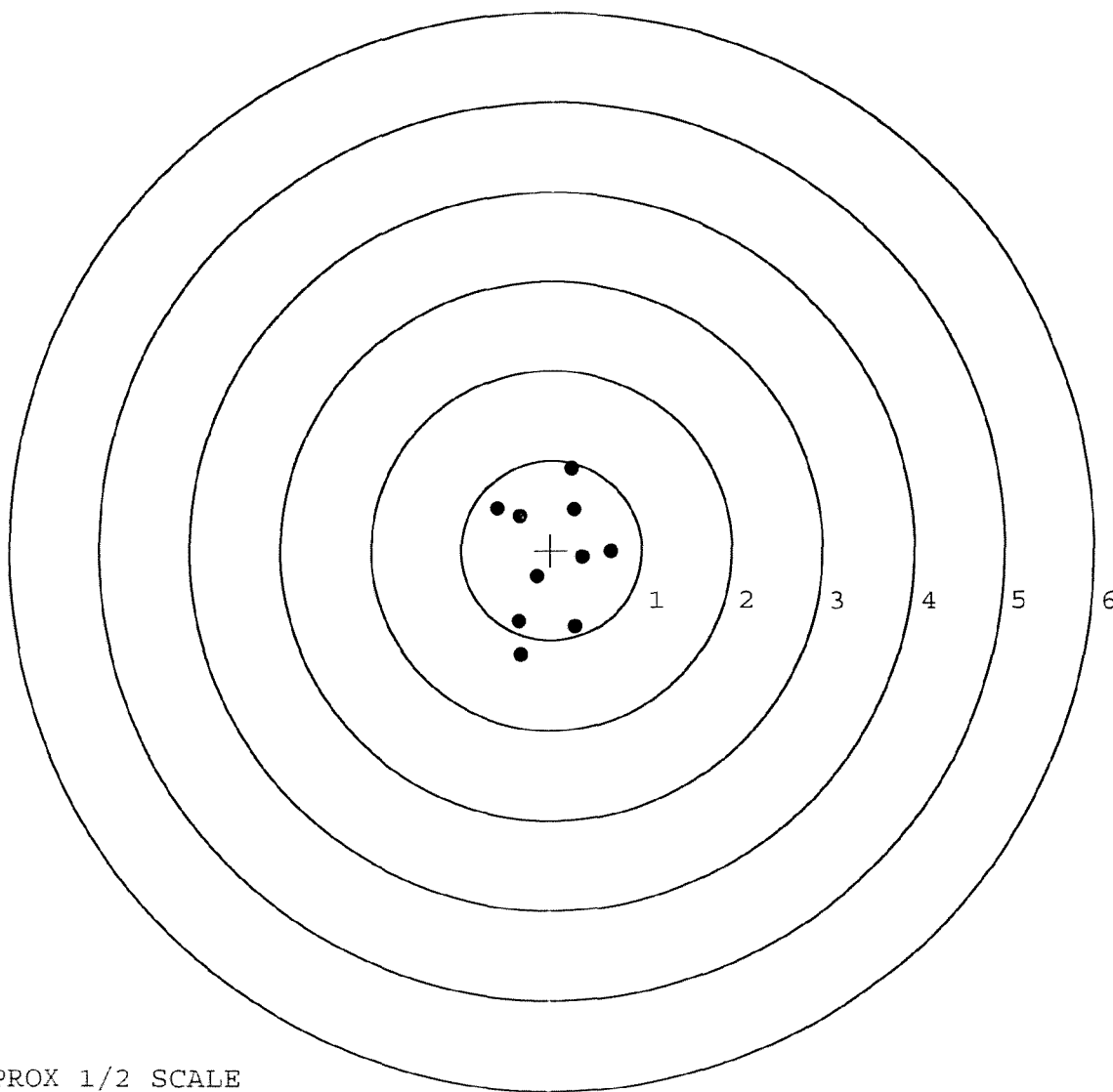
MAX RADIUS: 1.118

MEAN RADIUS: 0.705

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



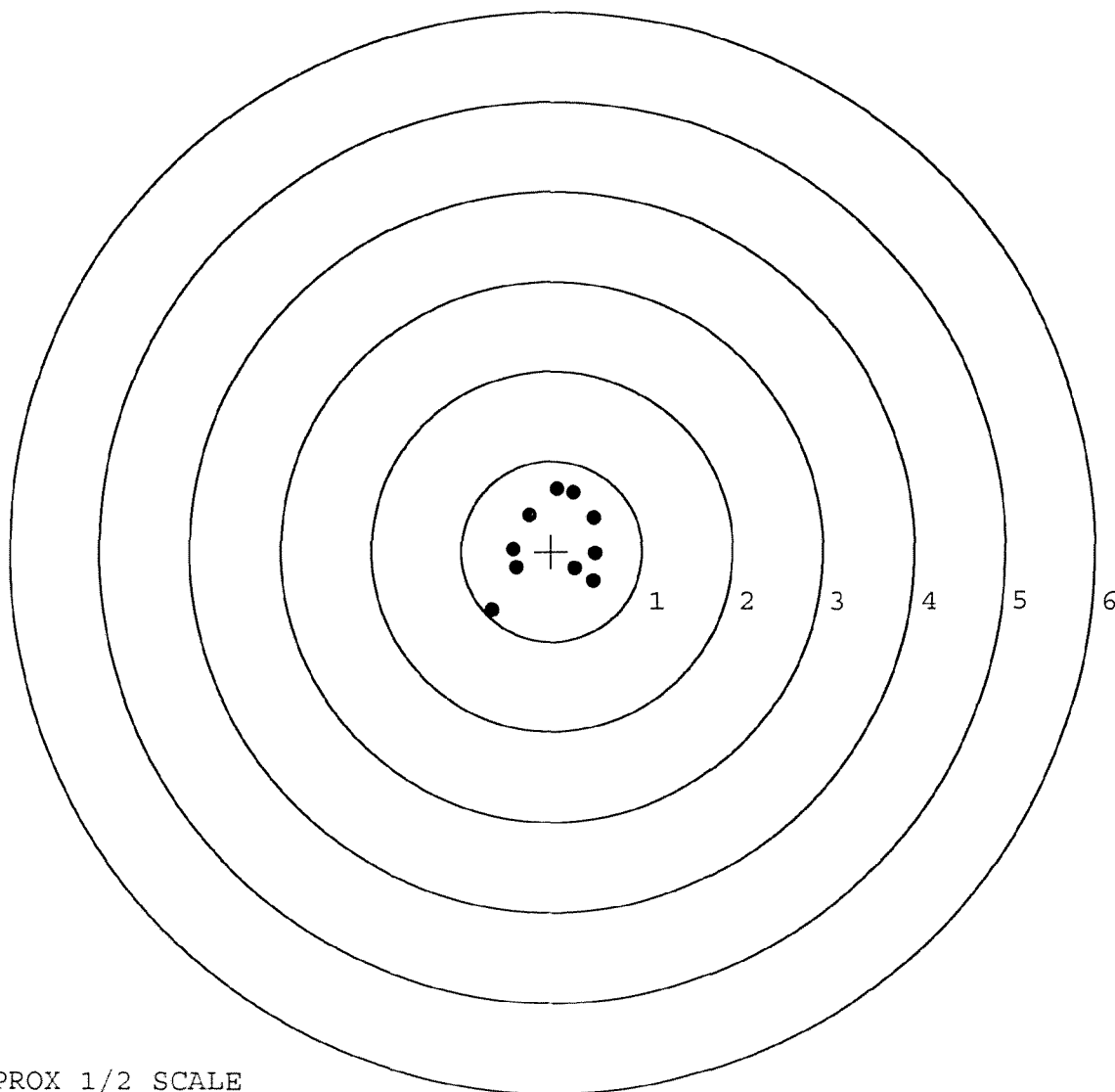
TARGET APPROX 1/2 SCALE

BARBER - M24 0143151

SERIAL NUMBER: G6635179. __0
 TARGET NUMBER: 5
 FILE DATE: 02/28/2007
 FILE TIME: 23:38

POINT#	X	Y
1:	-0.248	0.396
2:	0.062	0.689
3:	0.241	0.653
4:	0.473	0.371
5:	0.488	-0.023
6:	0.260	-0.188
7:	0.467	-0.327
8:	-0.387	-0.184
9:	-0.424	0.026
10:	-0.661	-0.655

X CENTROID: 0.027
 Y CENTROID: 0.076
 POA TO CENTROID: 0.080
 HORZ SPREAD: 1.149
 VERT SPREAD: 1.344
 GROUP SPREAD: 1.589
 MIN RADIUS: 0.352
 MAX RADIUS: 1.004
 MEAN RADIUS: 0.555
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE