

6680316

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



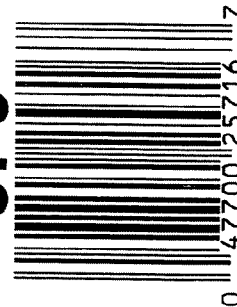
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6680316

UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



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

UPC



SERIAL NO.



GUN SERIAL # G6680316

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9/18/07	R.P.D.
420	ASSEMBLE ACTION			
430	ASSEMBLE TO STOCK		9-18-07	SD
440	PROOF	MAGNA - FLUX	9/18/07	non
460	CHECK HEADSPACE	SEP 20 2007	9/18/07	non
470	DIS-ASSEMBLE ACTION		9-18-07	SD
480	MAGNAFLUX BBL ACTION	OPERATOR <u>umms</u>	9/20/07	umms
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-19-07	CW
510	DRILL AND TAP SIGHT HOLES		9-19-07	Fm
520	GOFF BLAST BBL / REC		9-21-07	YU
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/25/07	FS
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9/28/07	R.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/28/07	R.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/28/07	R.P.D.
	D) OIL FIRING PIN ASSEMBLY		9/28/07	R.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/2/07	non

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.25</u> <u>6.0</u> <u>6.0</u>	10/2/07	mm
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.75</u> <u>4.75</u> <u>5.0</u>	10/2/07	mm
	H) TRIGGER PULL TEST AND RETAINABILITY		10/2/07	mm
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.025</u>	10/2/07	mm
	J) ASSEMBLE STOCK		9/28/07	SPR
	K) ASSEMBLE SWIVEL STUDS		10/2/07	mm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10/12/07	mm
	M) IRON SIGHT ALIGNMENT		10/12/07	mm
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10/12/07	mm
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	10-1-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	10-1-07	BWD
660	INSPECT FOR LIVE AMMO		10/1/07	mm
670	FINAL INSPECTION A) HEADSPACE		10/2/07	mm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.32</u> <u>2.26</u> <u>2.11</u> <u>2.08</u> <u>2.19</u>	10/1/07	mm
	C) FUNCTION		10/2/07	mm
690	PACK		10/15/07	RA

F004 REV 5/2006

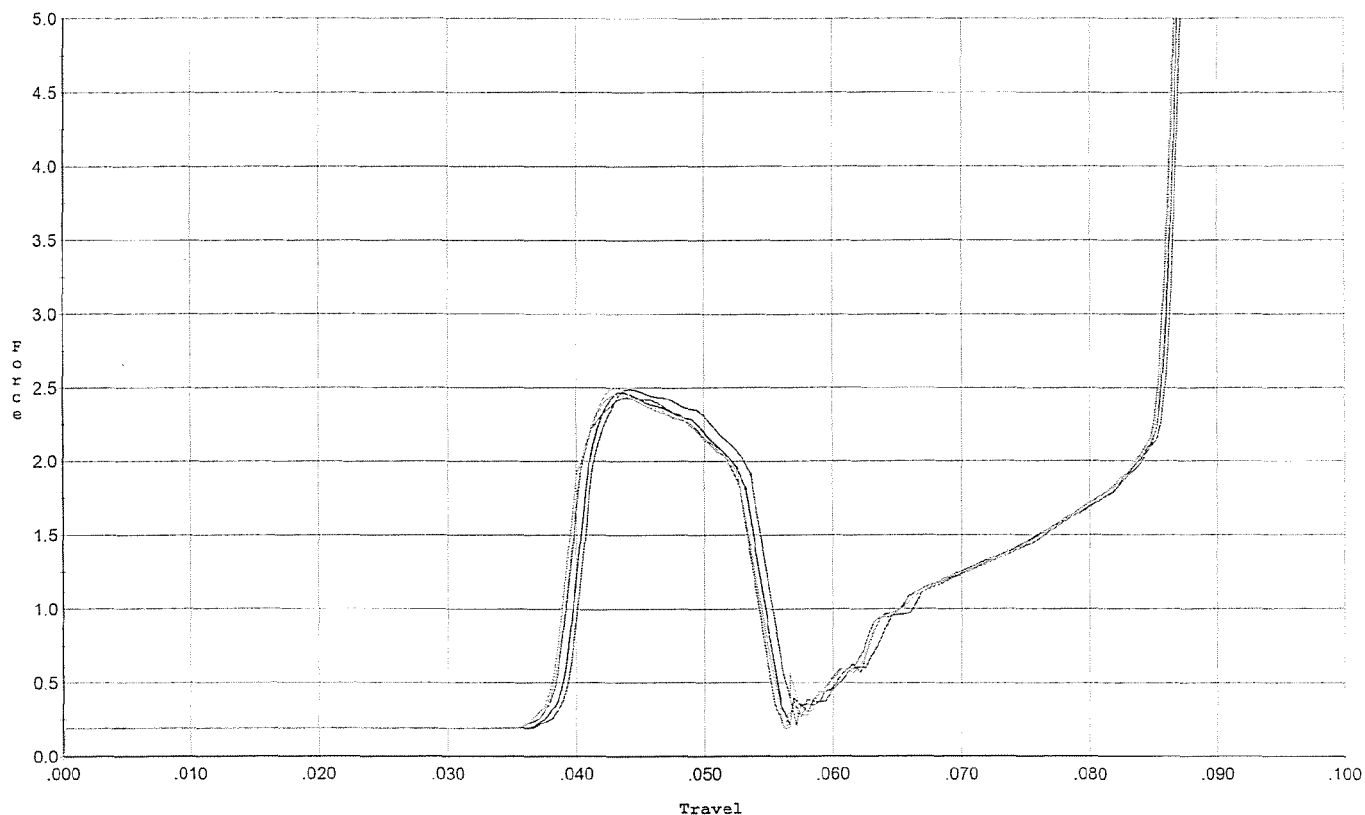
CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0175098 **M24098175137**

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/17/07

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



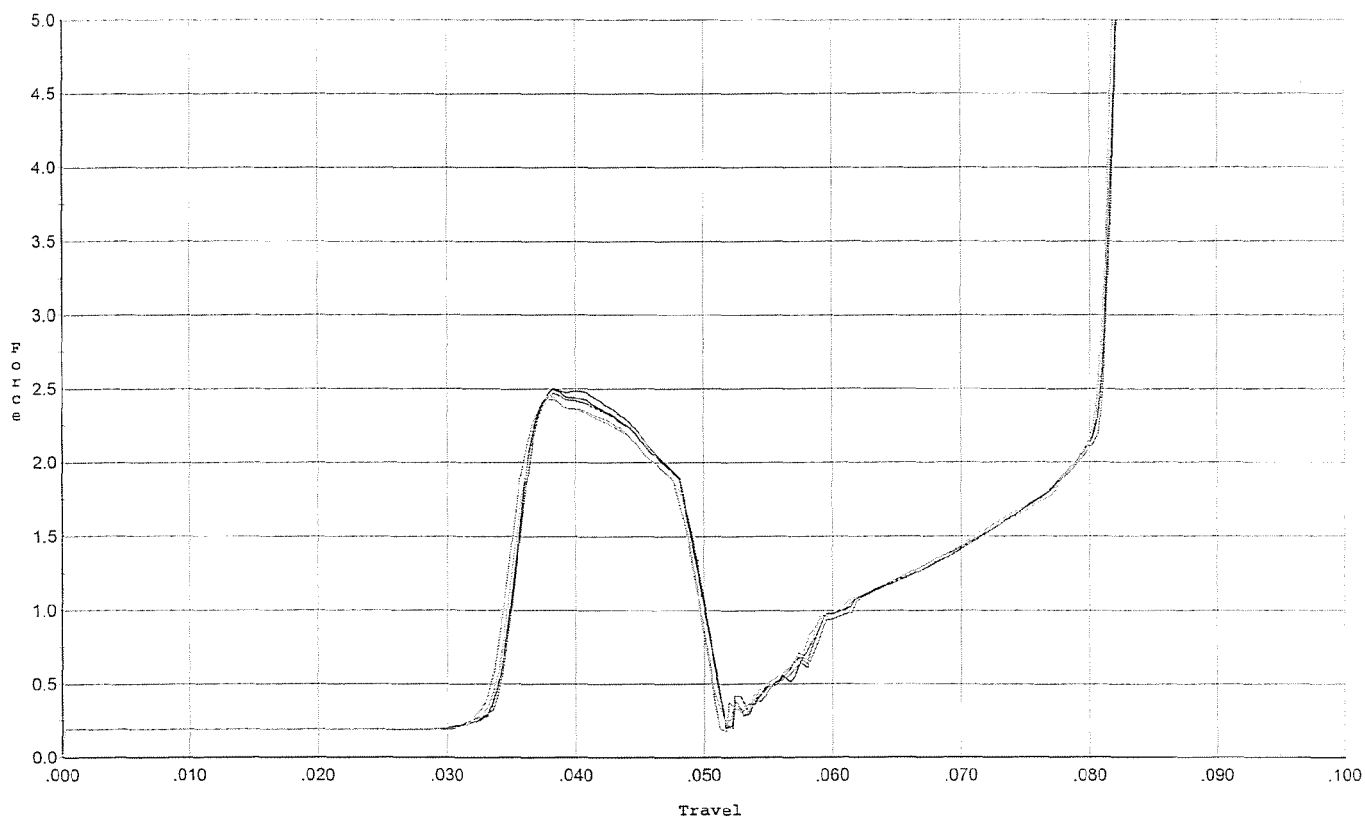
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.488	0.054	0.039	0.040	0.040		Set Trigger
2	2.468	0.053	0.038	0.039	0.039		Set Trigger
3	2.433	0.053	0.038	0.039	0.039		Set Trigger
4	2.455	0.053	0.037	0.039	0.039		Set Trigger
5	2.499	0.053	0.038	0.039	0.039		Set Trigger

Avg 2.46

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/17/07

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



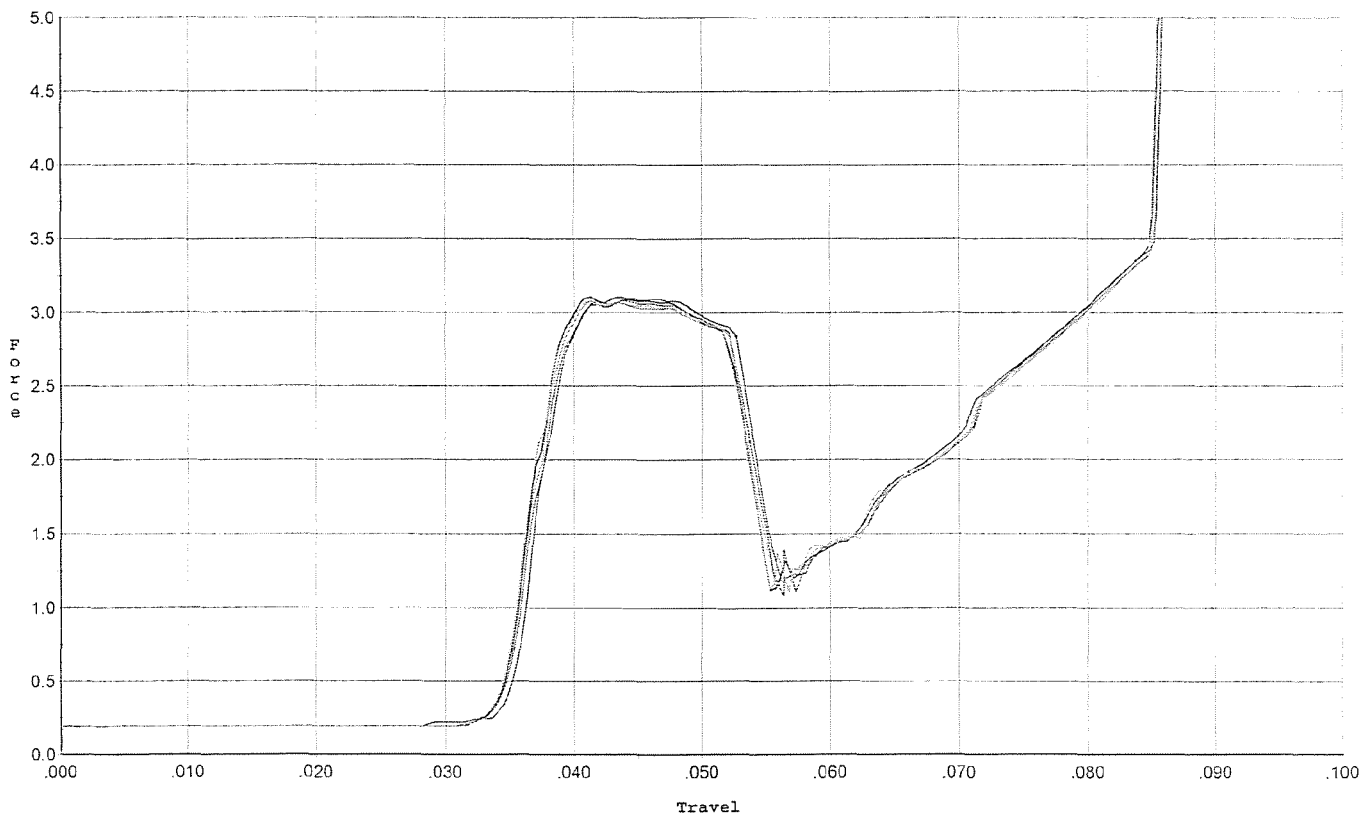
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.504	0.050	0.033	0.037	0.039		Set Trigger
2	2.497	0.050	0.033	0.037	0.039		Set Trigger
3	2.473	0.049	0.034	0.037	0.038		Set Trigger
4	2.455	0.048	0.033	0.037	0.038		Set Trigger
5	2.427	0.049	0.033	0.037	0.037		Set Trigger

Avg 2.47

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/17/07

Model: M24
Serial No: Form #F005
Trigger: 3.0 lbs. ini. +/- .75 lbs.



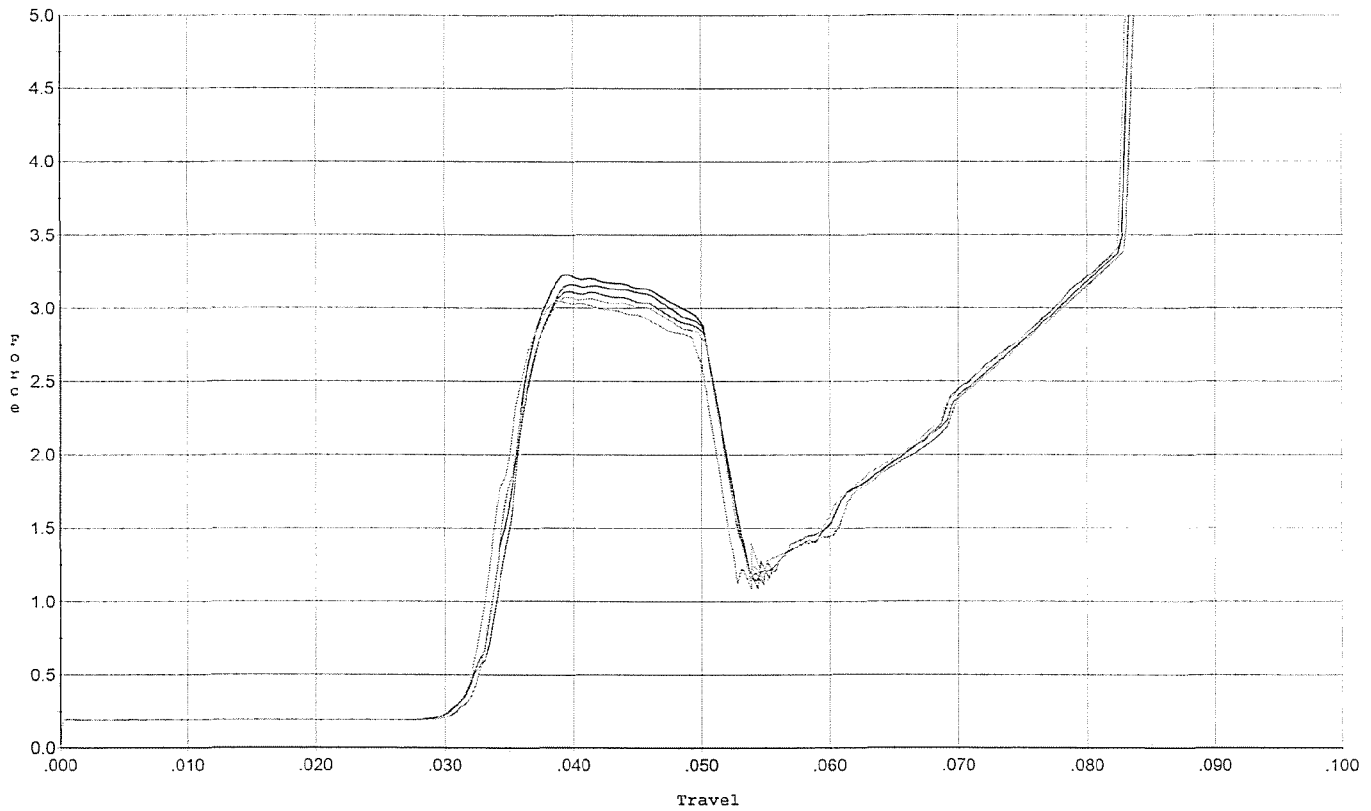
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.093	0.053	0.035	0.037	0.056		Set Trigger
2	3.107	0.053	0.034	0.036	0.057		Set Trigger
3	3.081	0.054	0.034	0.036	0.058		Set Trigger
4	3.082	0.052	0.034	0.037	0.056		Set Trigger
5	3.073	0.053	0.034	0.036	0.057		Set Trigger

Avg 3.08

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 9/17/07

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



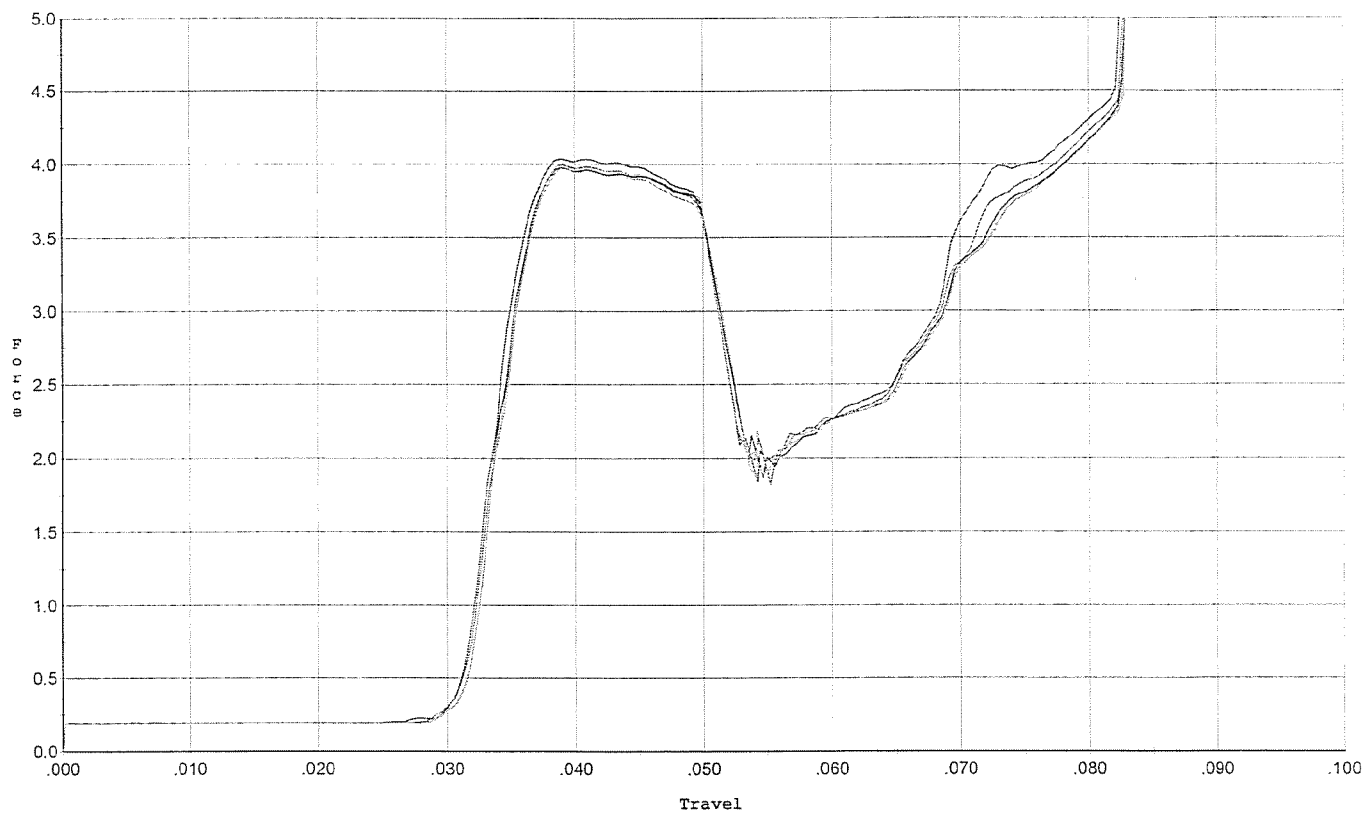
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.161	0.050	0.032	0.036	0.056		Set Trigger
2	3.228	0.050	0.032	0.035	0.057		Set Trigger
3	3.111	0.050	0.032	0.036	0.056		Set Trigger
4	3.073	0.050	0.032	0.036	0.055		Set Trigger
5	3.048	0.050	0.032	0.035	0.055		Set Trigger

AVG 3.12

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/17/07

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



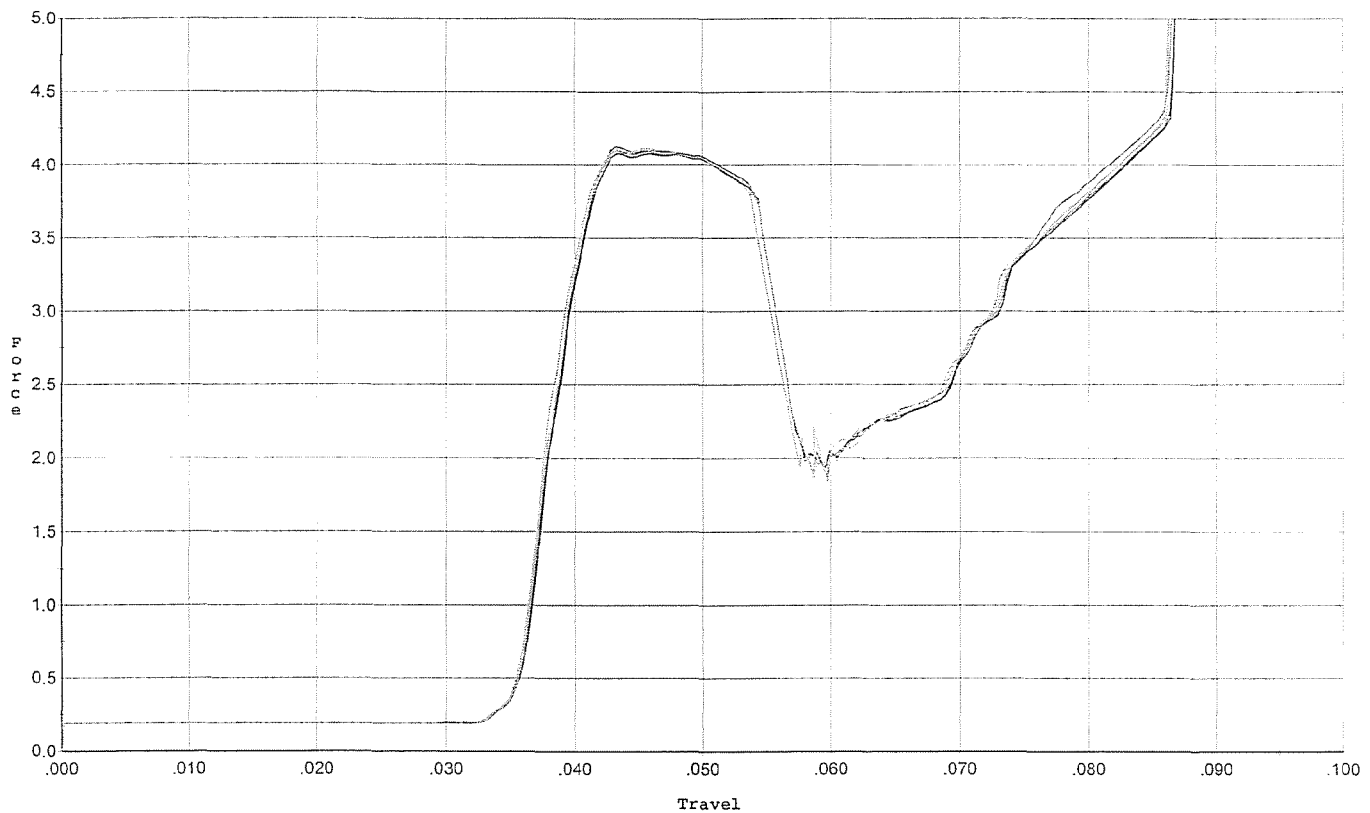
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.036	0.050	0.031	0.033	0.074		Set Trigger
2	3.977	0.050	0.031	0.034	0.072		Set Trigger
3	3.999	0.050	0.031	0.034	0.073		Set Trigger
4	4.008	0.051	0.031	0.034	0.075		Set Trigger
5	3.972	0.050	0.031	0.034	0.072		Set Trigger

Avg 3.99

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/17/07

Model: M24
Serial No: Form #F005
Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



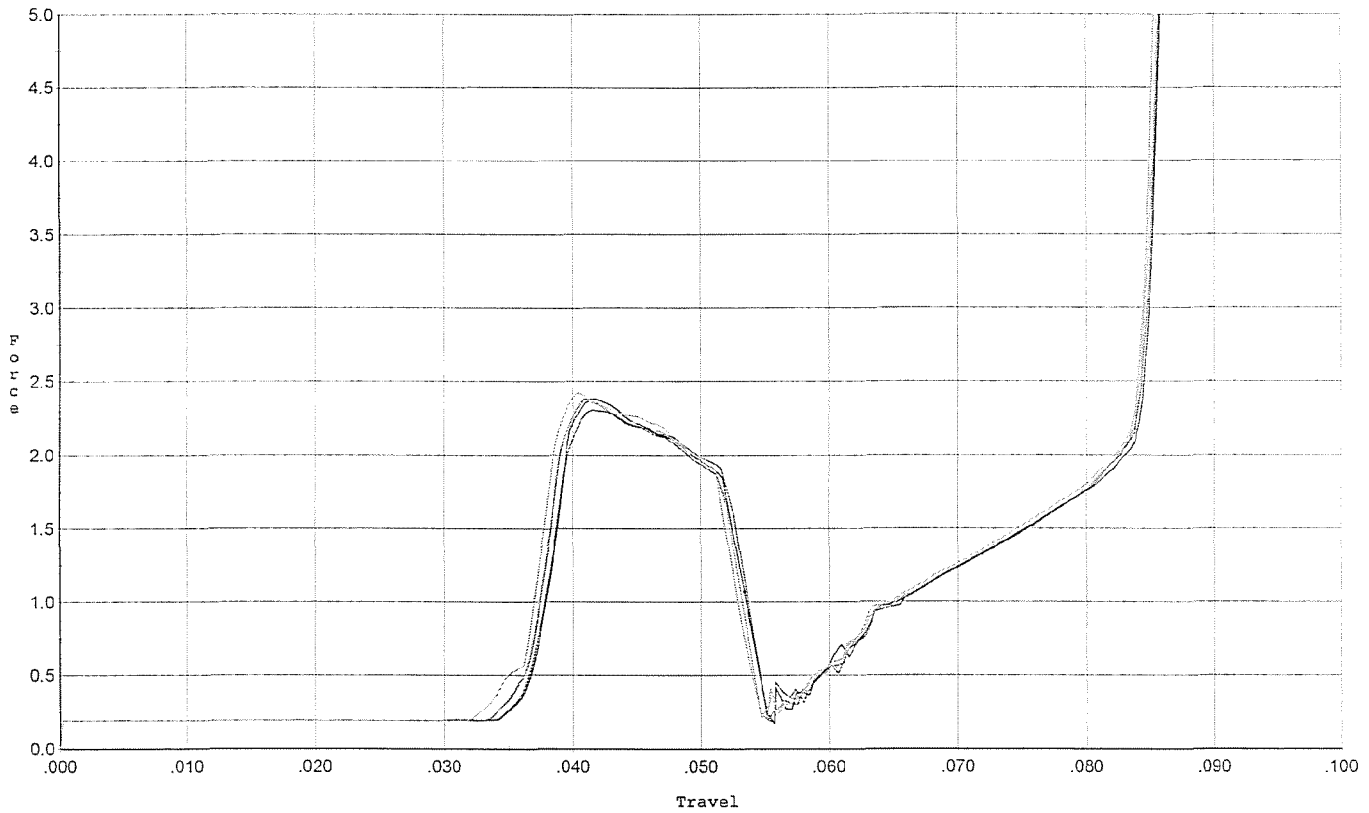
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.129	0.054	0.035	0.036	0.076		Set Trigger
2	4.080	0.054	0.035	0.036	0.076		Set Trigger
3	4.099	0.054	0.035	0.036	0.076		Set Trigger
4	4.115	0.054	0.035	0.036	0.076		Set Trigger
5	4.115	0.054	0.035	0.036	0.075		Set Trigger

Avg 4.10

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 9/17/07

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



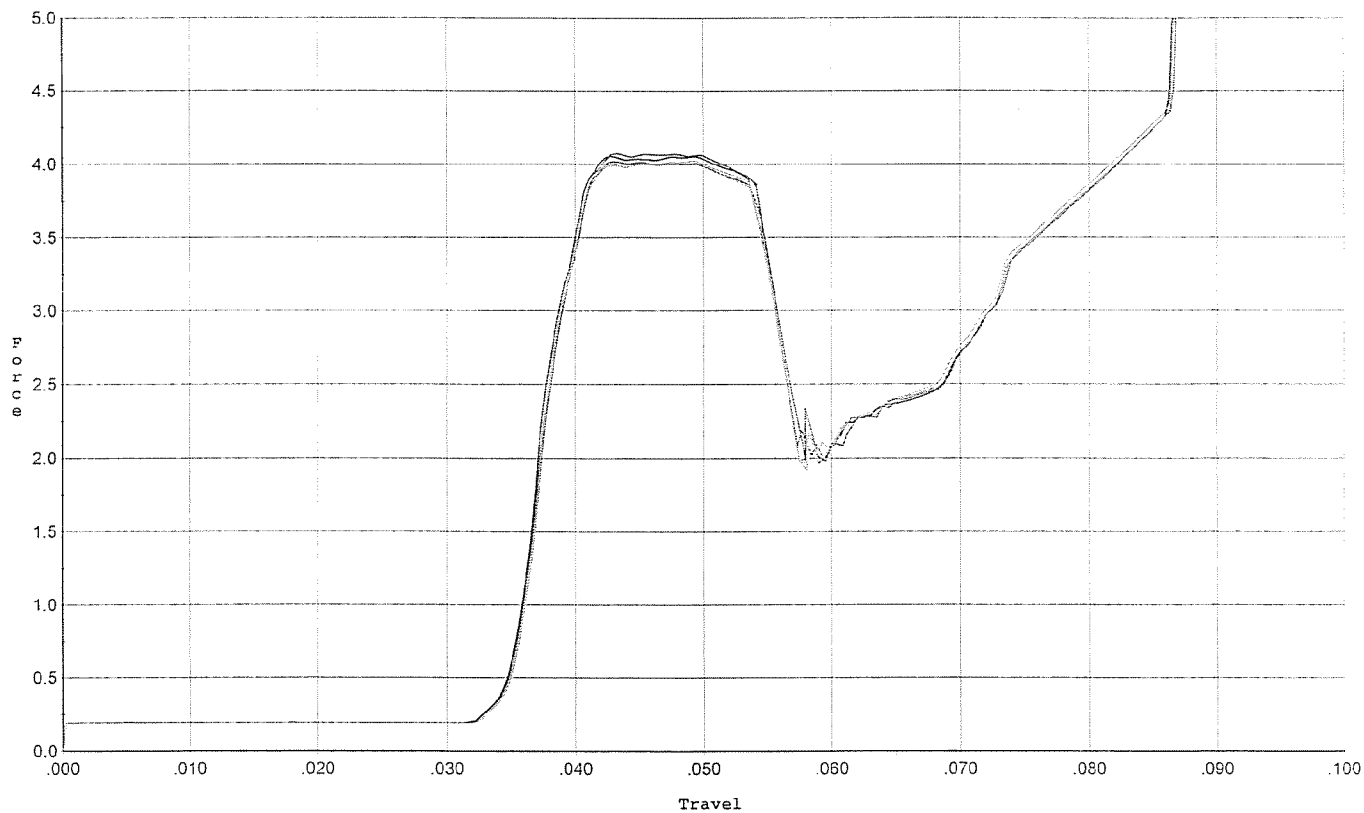
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.306	0.053	0.036	0.038	0.039		Set Trigger
2	2.380	0.053	0.036	0.038	0.039		Set Trigger
3	2.381	0.052	0.035	0.038	0.039		Set Trigger
4	2.426	0.051	0.034	0.038	0.040		Set Trigger
5	2.385	0.052	0.035	0.038	0.039		Set Trigger

Avg 2.37

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 9/17/07

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	4.072	0.054	0.034	0.035	0.078		Set Trigger
2	4.055	0.055	0.034	0.035	0.079		Set Trigger
3	4.018	0.054	0.035	0.035	0.077		Set Trigger
4	4.023	0.055	0.034	0.035	0.078		Set Trigger
5	4.012	0.055	0.034	0.035	0.078		Set Trigger

AVG 4.03

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6680316.__1

FILE DATE AND TIME: 10/01/2007 20:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.020
The Average Y Centroid of the Five Target Set:	-0.087
The Average Point of Impact of the Five Target Set:	0.089
The Average Mean Radius of the Five Target Set:	0.582
The Distance from POA to Centroid Target #1:	0.034
The Distance from Centroid Target #2 to Centroid Target #1:	0.131
The Distance from Centroid Target #3 to Centroid Target #1:	0.081
The Distance from Centroid Target #4 to Centroid Target #1:	0.092
The Distance from Centroid Target #5 to Centroid Target #1:	0.089

BARBER - M24 0175108

SERIAL NUMBER: G6680316. __1

TARGET NUMBER: 1

FILE DATE: 10/01/2007

FILE TIME: 20:26

POINT#	X	Y
1:	-0.392	1.256
2:	-0.765	0.142
3:	-0.260	0.428
4:	-0.374	0.069
5:	-0.150	-0.048
6:	0.168	-0.307
7:	0.025	-0.563
8:	0.285	-0.534
9:	0.473	-0.701
10:	0.783	-0.013

X CENTROID: -0.021

Y CENTROID: -0.027

POA TO CENTROID: 0.034

HORZ SPREAD: 1.548

VERT SPREAD: 1.957

GROUP SPREAD: 2.140

MIN RADIUS: 0.131

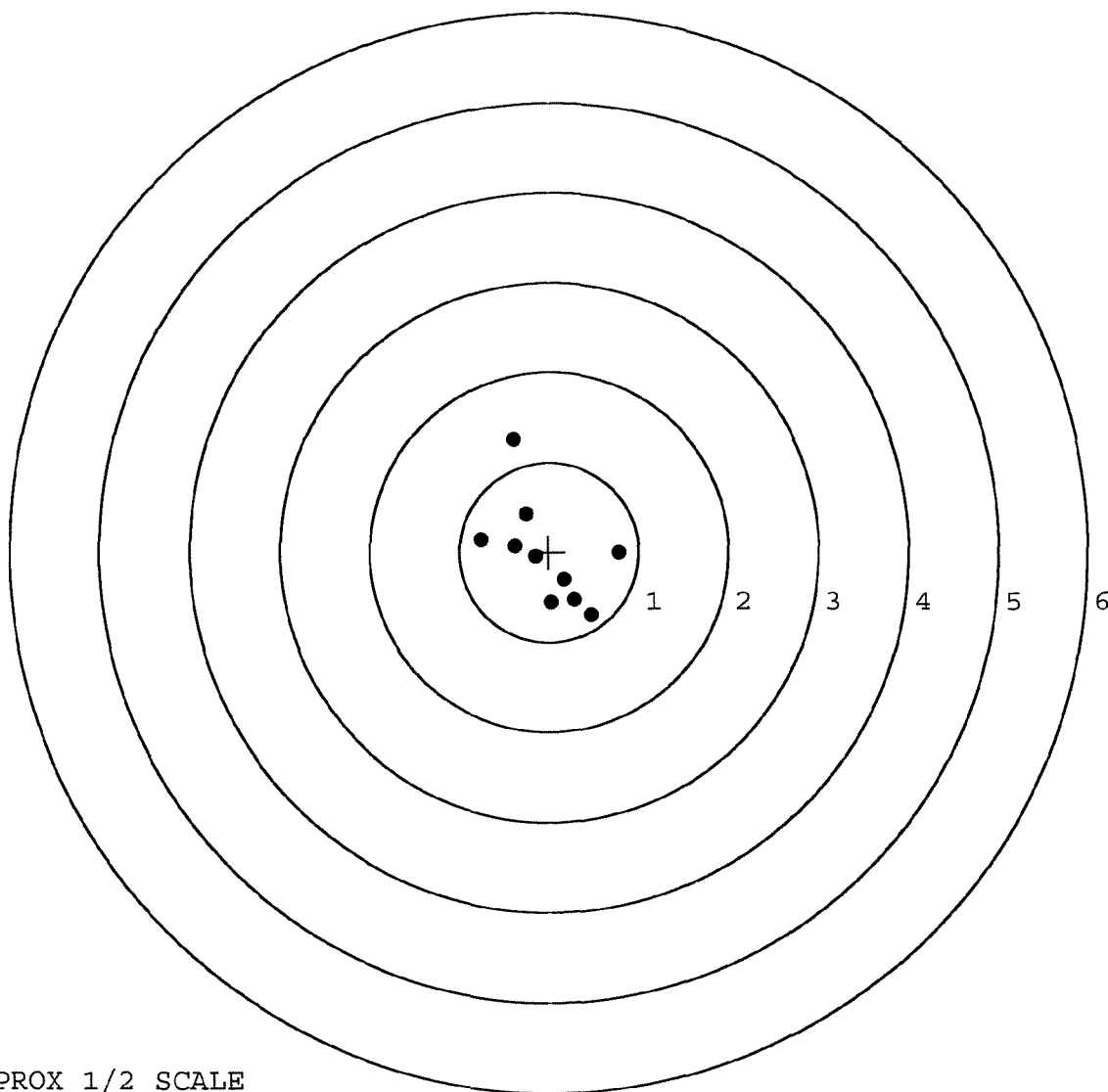
MAX RADIUS: 1.336

MEAN RADIUS: 0.622

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



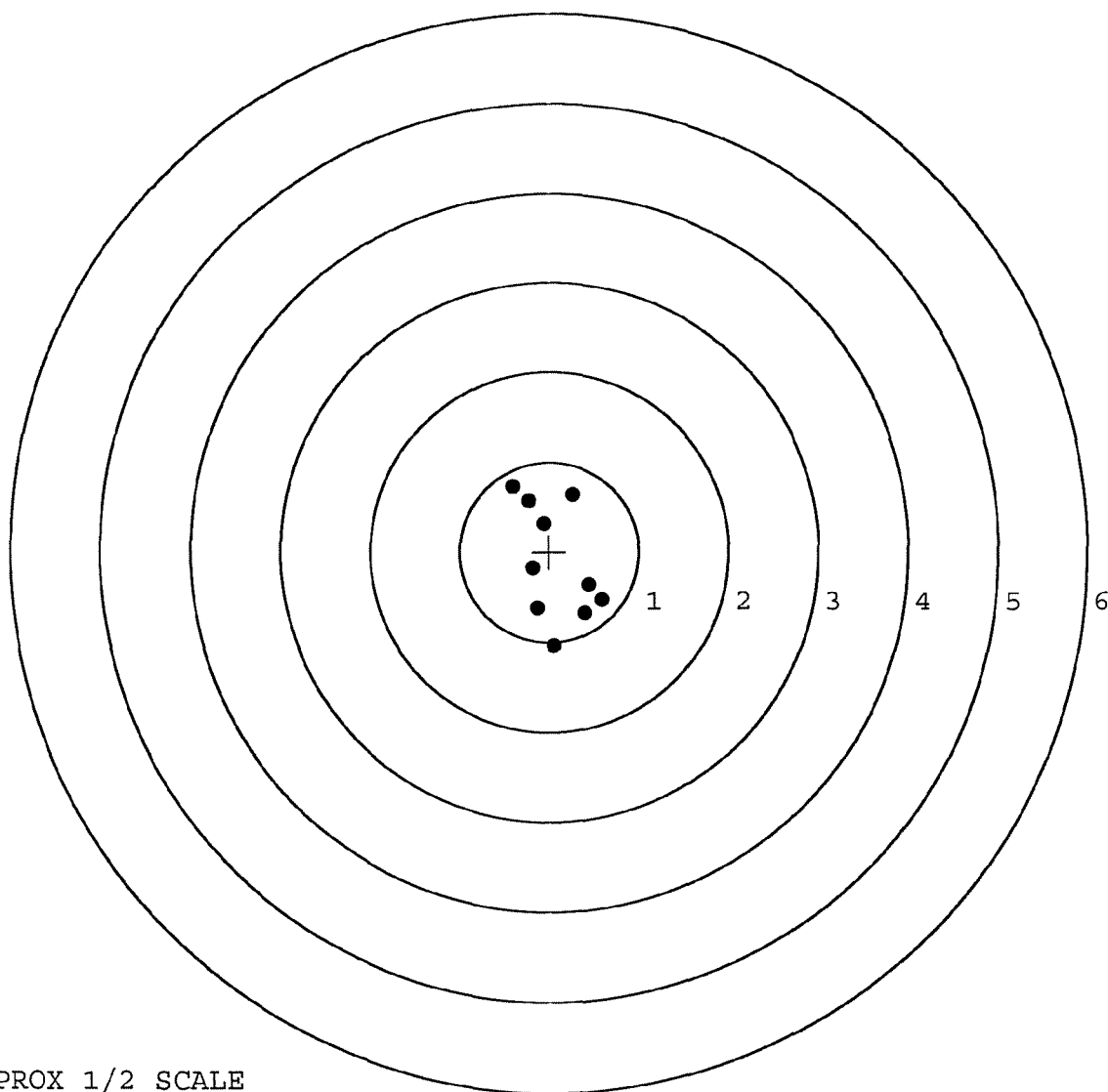
TARGET APPROX 1/2 SCALE

BARBER - M24 0175109

SERIAL NUMBER: G6680316. 1
 TARGET NUMBER: 2
 FILE DATE: 10/01/2007
 FILE TIME: 20:26

POINT#	X	Y
1:	0.442	-0.370
2:	0.587	-0.539
3:	0.394	-0.685
4:	0.047	-1.047
5:	-0.137	-0.630
6:	-0.186	-0.181
7:	0.264	0.634
8:	-0.063	0.314
9:	-0.228	0.572
10:	-0.407	0.730

X CENTROID: 0.071
 Y CENTROID: -0.120
 POA TO CENTROID: 0.140
 HORZ SPREAD: 0.994
 VERT SPREAD: 1.777
 GROUP SPREAD: 1.834
 MIN RADIUS: 0.264
 MAX RADIUS: 0.976
 MEAN RADIUS: 0.647
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



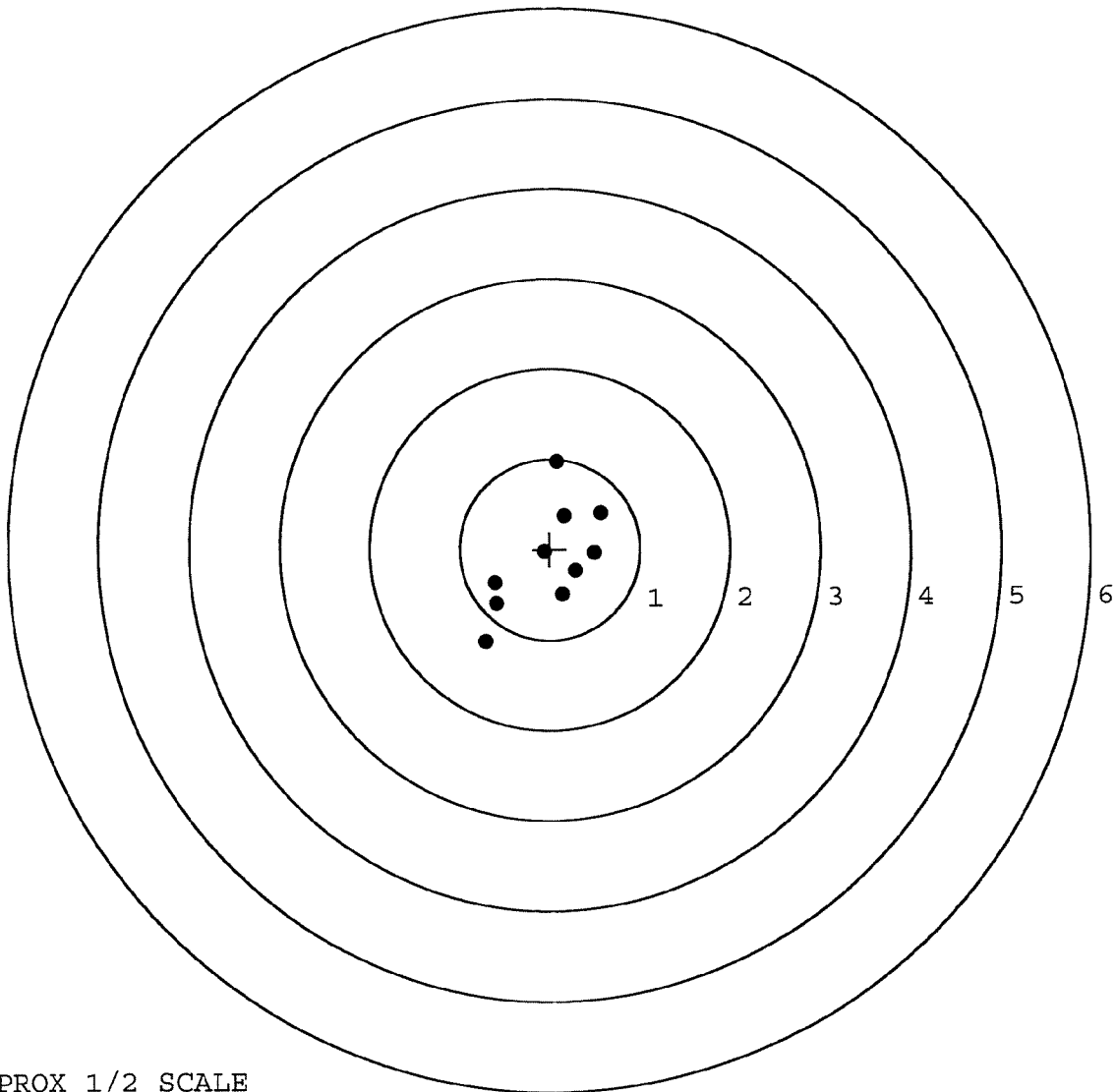
TARGET APPROX 1/2 SCALE

BARBER - M24 0175110

SERIAL NUMBER: G6680316. __1
 TARGET NUMBER: 3
 FILE DATE: 10/01/2007
 FILE TIME: 20:26

POINT#	X	Y
1:	0.092	0.968
2:	0.571	0.391
3:	0.163	0.365
4:	-0.066	-0.030
5:	0.496	-0.051
6:	0.283	-0.244
7:	0.135	-0.505
8:	-0.616	-0.367
9:	-0.603	-0.594
10:	-0.726	-1.016

X CENTROID: -0.027
 Y CENTROID: -0.108
 POA TO CENTROID: 0.112
 HORZ SPREAD: 1.297
 VERT SPREAD: 1.984
 GROUP SPREAD: 2.146
 MIN RADIUS: 0.087
 MAX RADIUS: 1.146
 MEAN RADIUS: 0.629
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



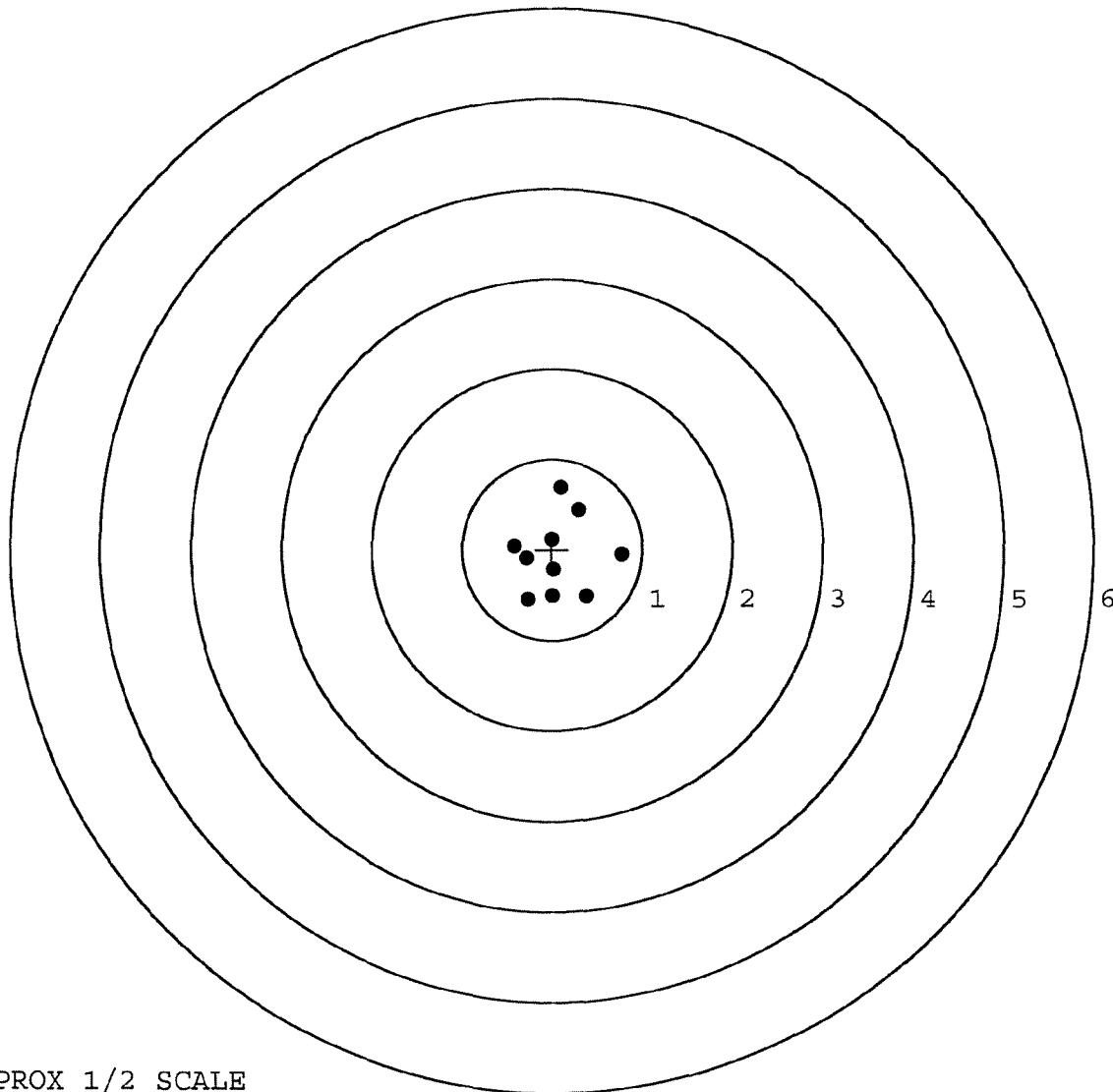
TARGET APPROX 1/2 SCALE

BARBER - M24 0175111

SERIAL NUMBER: G6680316. __1
 TARGET NUMBER: 4
 FILE DATE: 10/01/2007
 FILE TIME: 20:26

POINT#	X	Y
1:	0.103	0.685
2:	0.298	0.435
3:	0.777	-0.058
4:	0.000	0.119
5:	0.019	-0.221
6:	-0.281	-0.094
7:	-0.419	0.040
8:	-0.267	-0.560
9:	0.005	-0.514
10:	0.384	-0.518

X CENTROID: 0.062
 Y CENTROID: -0.069
 POA TO CENTROID: 0.092
 HORZ SPREAD: 1.196
 VERT SPREAD: 1.245
 GROUP SPREAD: 1.299
 MIN RADIUS: 0.158
 MAX RADIUS: 0.755
 MEAN RADIUS: 0.481
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0175112

SERIAL NUMBER: G6680316. __1

TARGET NUMBER: 5

FILE DATE: 10/01/2007

FILE TIME: 20:26

POINT#	X	Y
1:	-1.021	0.502
2:	-0.539	-0.076
3:	-0.290	0.286
4:	0.310	0.186
5:	0.558	-0.006
6:	0.401	-0.275
7:	-0.065	-0.175
8:	-0.091	-0.432
9:	0.733	-0.930
10:	0.147	-0.164

X CENTROID: 0.014

Y CENTROID: -0.108

POA TO CENTROID: 0.109

HORZ SPREAD: 1.754

VERT SPREAD: 1.432

GROUP SPREAD: 2.264

MIN RADIUS: 0.104

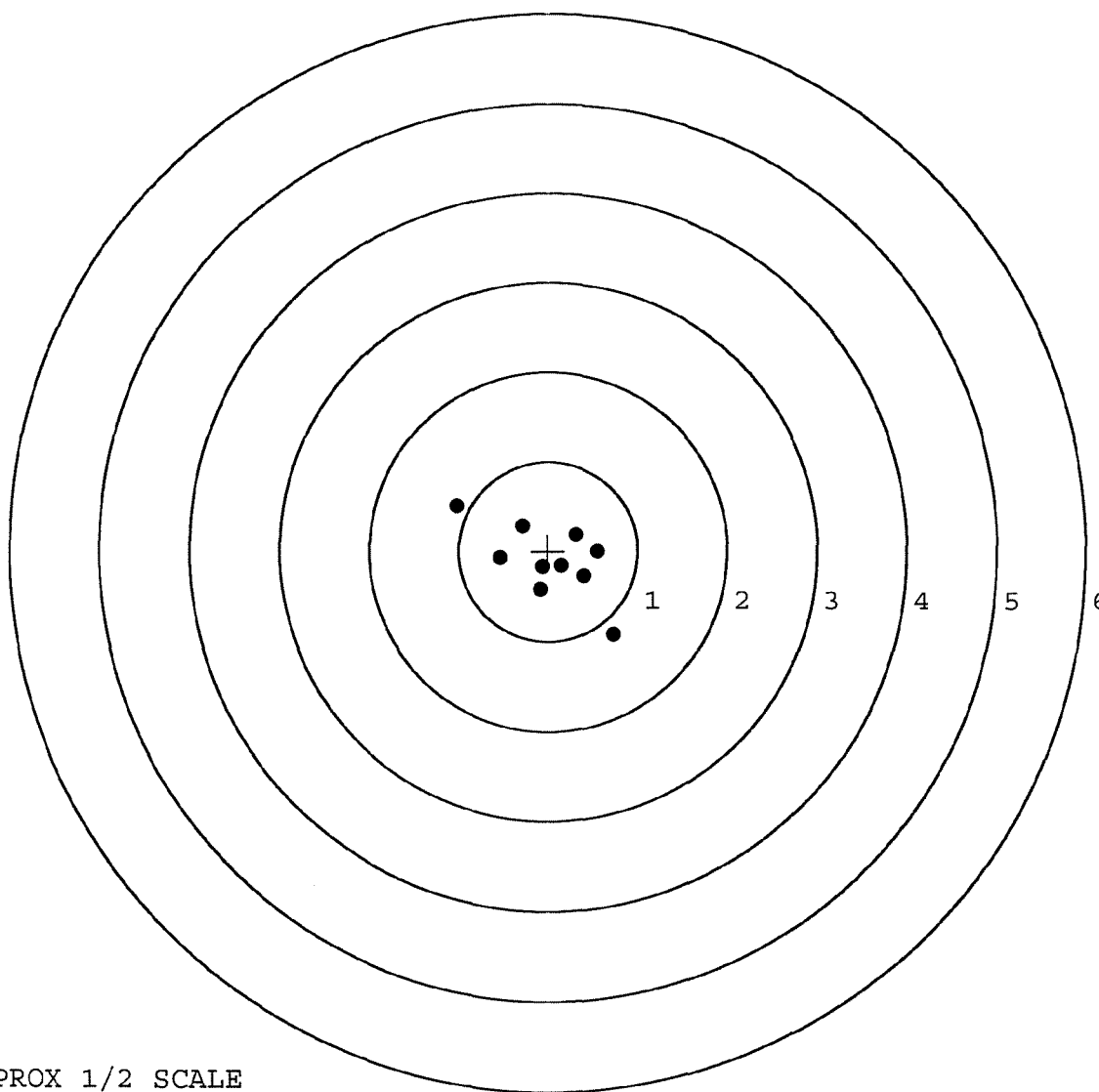
MAX RADIUS: 1.202

MEAN RADIUS: 0.533

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE