

6680329

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



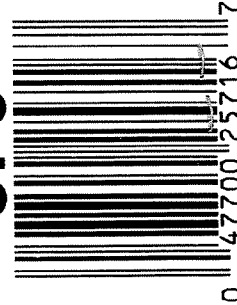
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6680329

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 # G6680329

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		9/11/07	mm
460	CHECK HEADSPACE		9/11/07	mm
470	DIS-ASSEMBLE ACTION		9-11-07	SD
480	MAGNAFLUX BBL ACTION	OPERATOR JB	9-17-07	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	dy
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/18/07	FB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9/19/07	SPD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/19/07	SPD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/19/07	SPD
	D) OIL FIRING PIN ASSEMBLY		9/19/07	SPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/10/07	mm
F004 REV 5/2006				

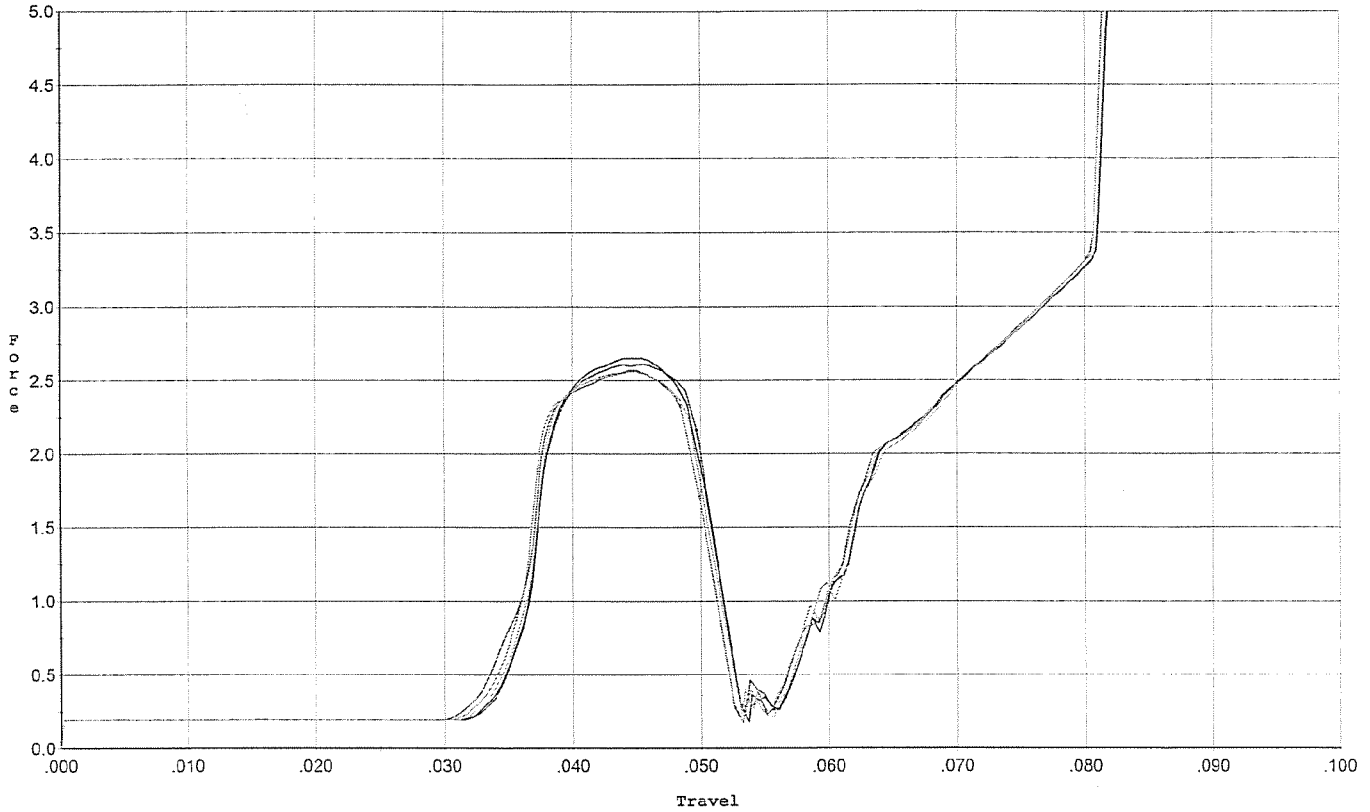
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>6.0</u> <u>6.5</u>	9/24/07	non
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.5</u> <u>4.75</u> <u>5.0</u>	9/24/07	non
	H) TRIGGER PULL TEST AND RETAINABILITY		9/24/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.023</u> <u>.023</u>	9/24/07	non
	J) ASSEMBLE STOCK		9/19/07	RA
	K) ASSEMBLE SWIVEL STUDS		9/24/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10/10/07	MTM
	M) IRON SIGHT ALIGNMENT		10/10/07	MTM
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10/10/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-20-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9.20.07	BWD
670	FINAL INSPECTION A) HEADSPACE		9/24/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.49</u> <u>2.53</u> <u>2.40</u> <u>2.40</u> <u>2.42</u>	9-24-07	RA
	C) FUNCTION		9/24/07	non
690	PACK		10/12/07	RA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/10/07

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



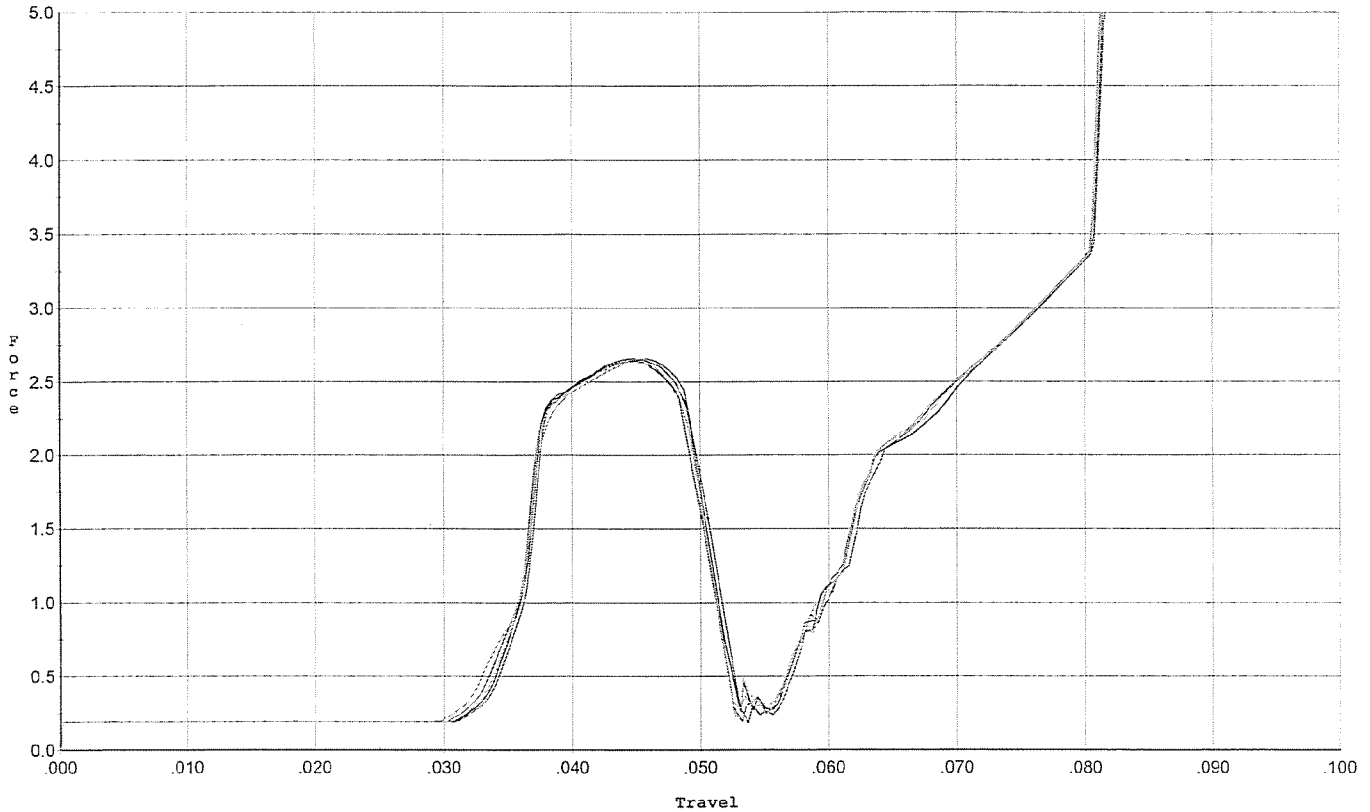
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.613	0.050	0.034	0.037	0.041		Set Trigger
2	2.653	0.050	0.034	0.037	0.041		Set Trigger
3	2.570	0.050	0.033	0.037	0.041		Set Trigger
4	2.560	0.049	0.034	0.037	0.040		Set Trigger
5	2.562	0.050	0.034	0.037	0.041		Set Trigger

Avg 2.59

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/10/07

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



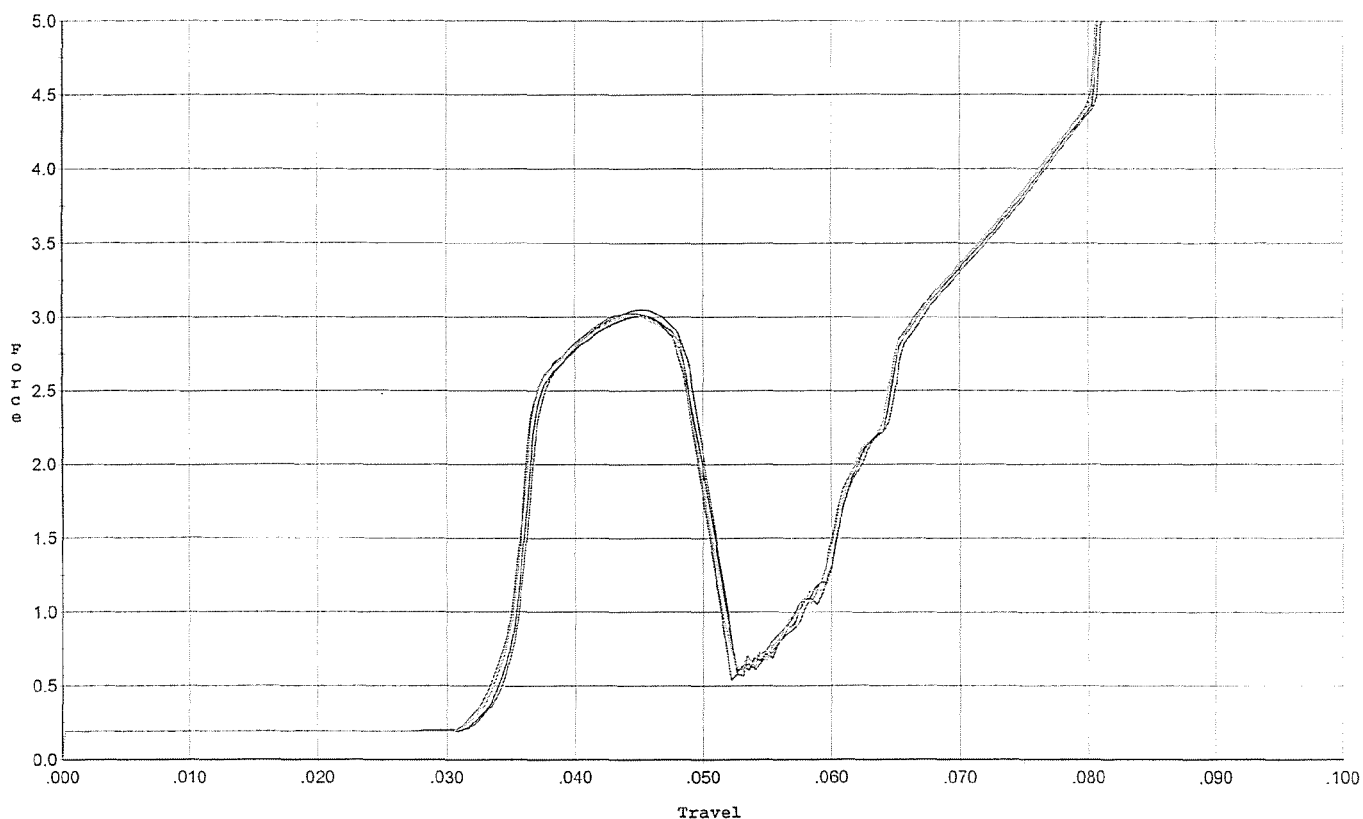
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.659	0.051	0.034	0.037	0.043		Set Trigger
2	2.652	0.049	0.033	0.037	0.041		Set Trigger
3	2.643	0.050	0.033	0.036	0.042		Set Trigger
4	2.636	0.049	0.033	0.036	0.042		Set Trigger
5	2.658	0.049	0.032	0.036	0.042		Set Trigger

AVG 2.65

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/10/07

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



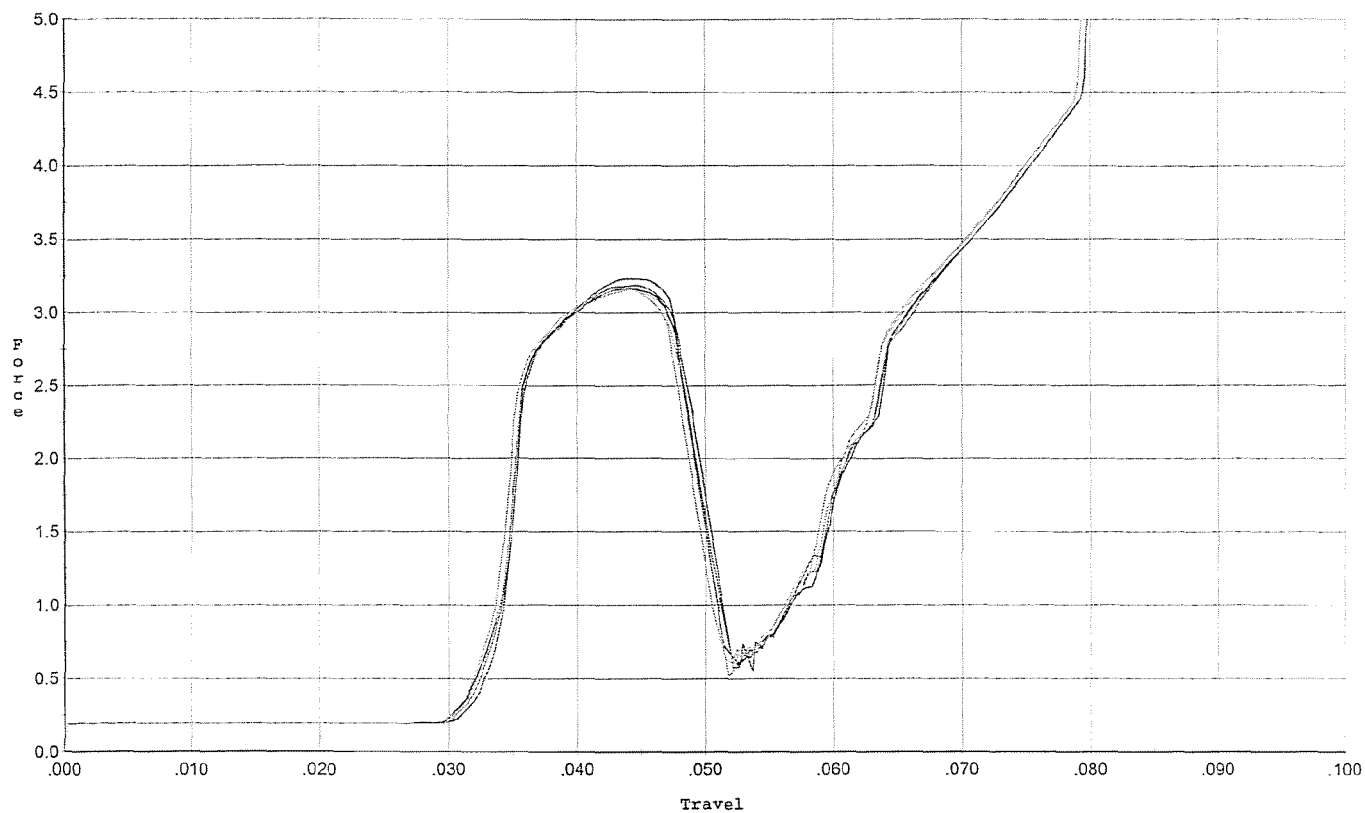
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.050	0.049	0.034	0.036	0.047		Set Trigger
2	3.012	0.050	0.034	0.036	0.047		Set Trigger
3	3.027	0.049	0.033	0.036	0.047		Set Trigger
4	3.008	0.048	0.033	0.036	0.046		Set Trigger
5	3.015	0.048	0.033	0.036	0.046		Set Trigger

Avg 3.02

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/10/07

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



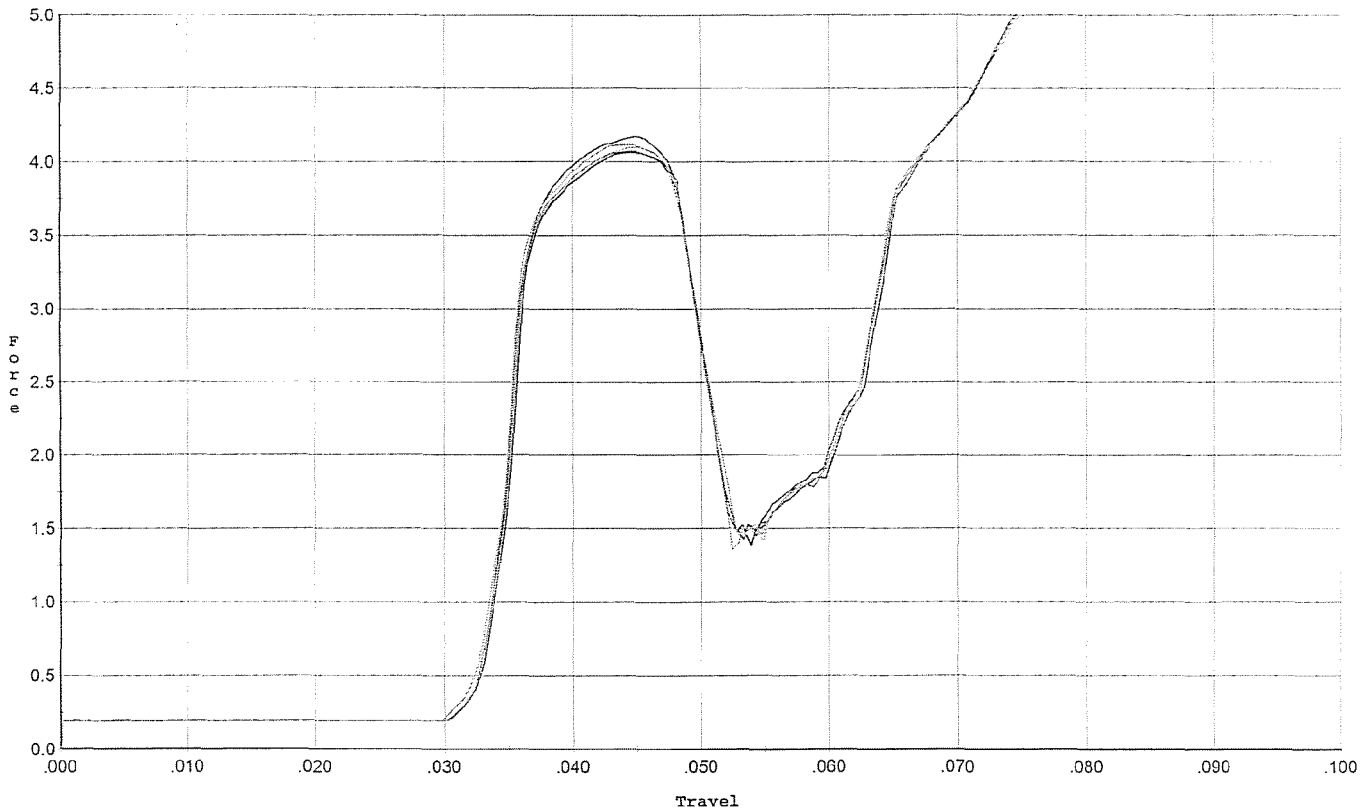
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.232	0.049	0.032	0.035	0.051		Set Trigger
2	3.168	0.048	0.032	0.035	0.049		Set Trigger
3	3.188	0.047	0.032	0.035	0.049		Set Trigger
4	3.158	0.048	0.032	0.035	0.049		Set Trigger
5	3.160	0.047	0.031	0.035	0.048		Set Trigger

AVG 3.18

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 9/10/07

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



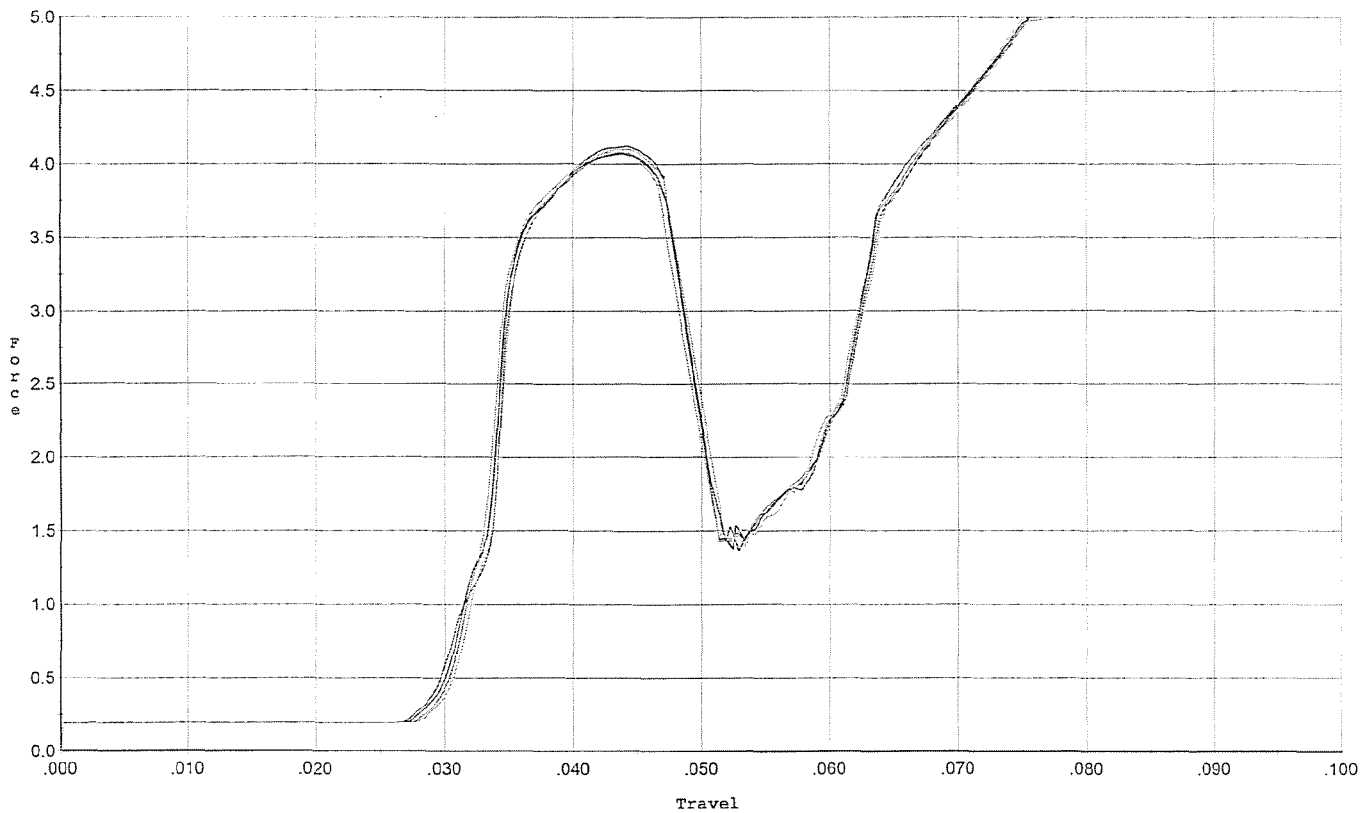
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.174	0.048	0.032	0.034	0.064		Set Trigger
2	4.064	0.048	0.032	0.034	0.063		Set Trigger
3	4.075	0.048	0.032	0.034	0.064		Set Trigger
4	4.099	0.048	0.032	0.034	0.063		Set Trigger
5	4.115	0.048	0.032	0.034	0.065		Set Trigger

AVG 4.10

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/10/07

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



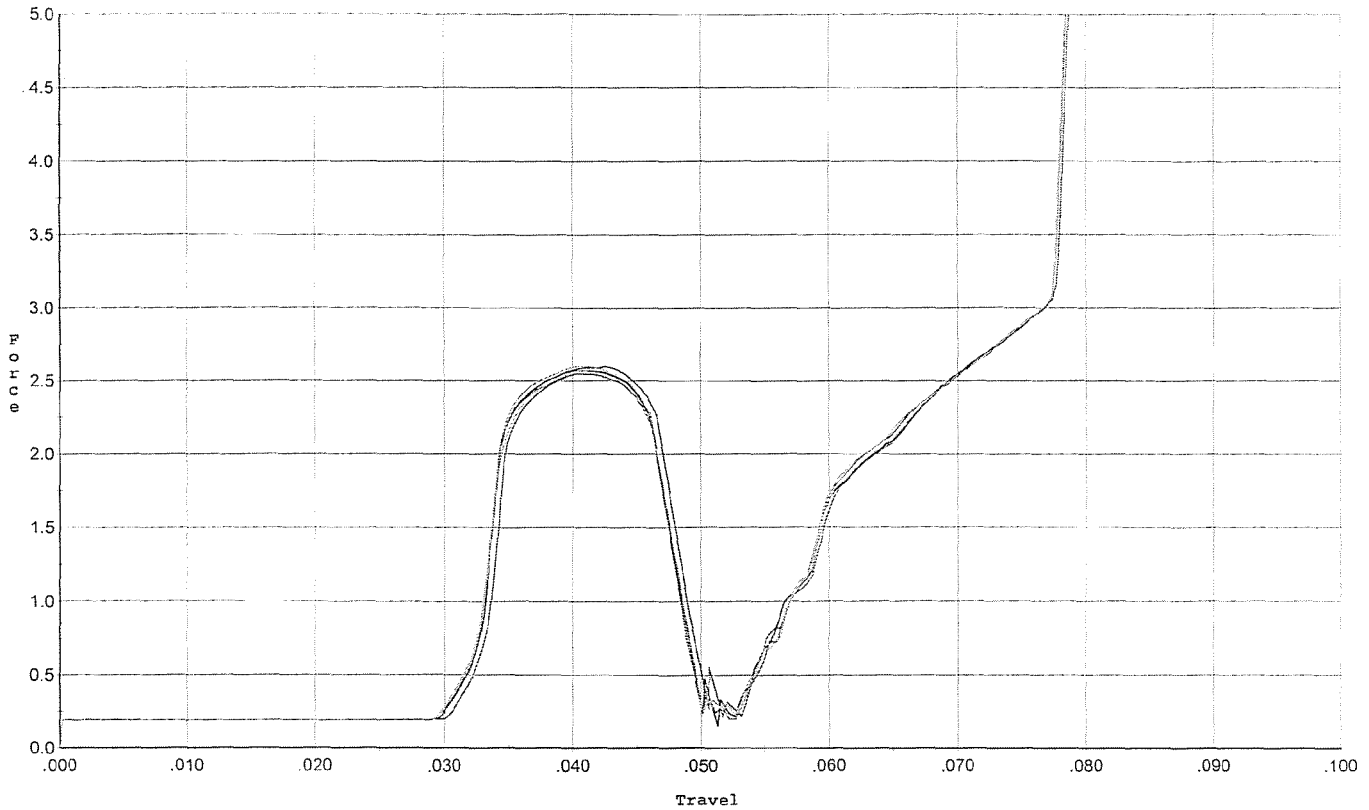
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.123	0.047	0.029	0.033	0.064		Set Trigger
2	4.072	0.047	0.030	0.033	0.065		Set Trigger
3	4.077	0.047	0.030	0.033	0.065		Set Trigger
4	4.102	0.049	0.030	0.033	0.067		Set Trigger
5	4.085	0.047	0.030	0.033	0.063		Set Trigger

AVG 4.09

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/10/07

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



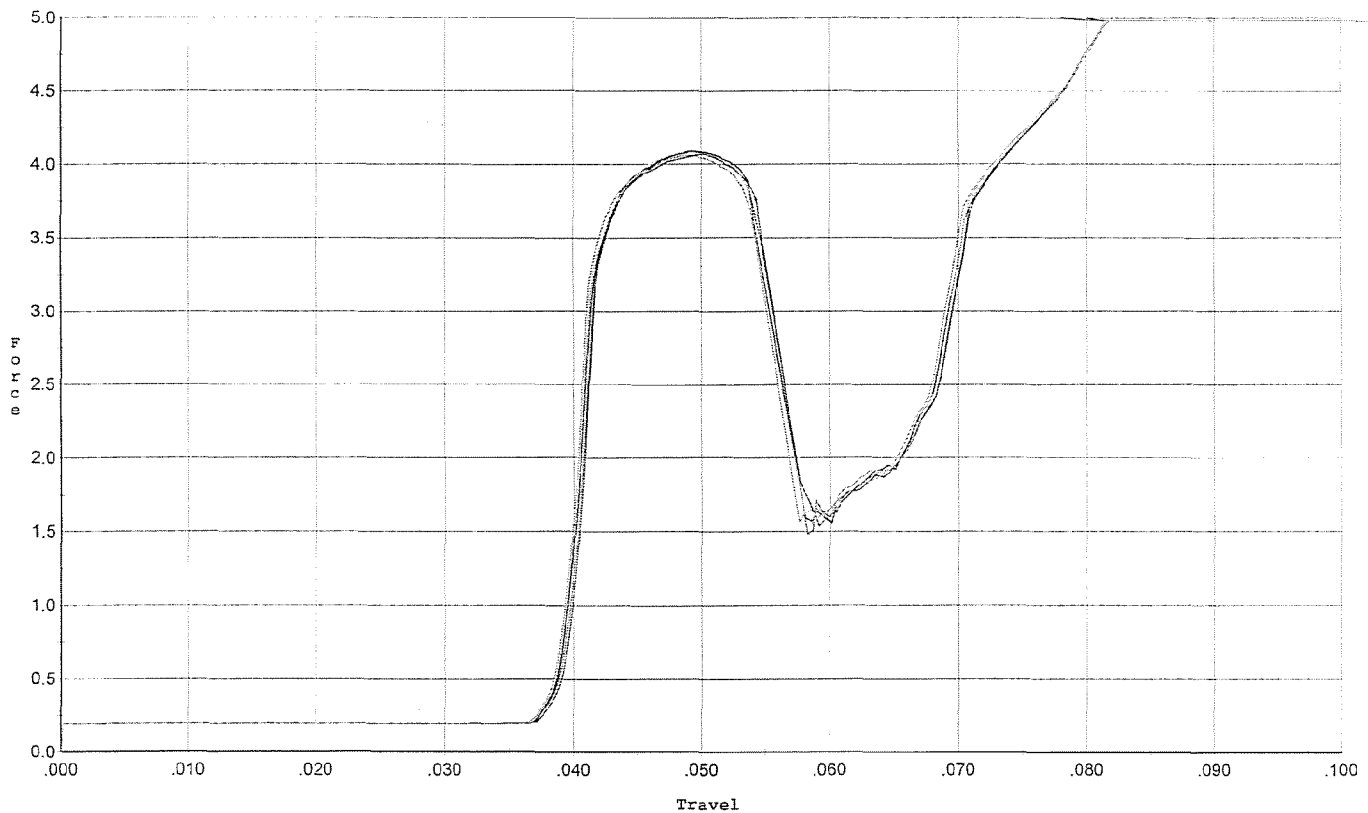
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.598	0.047	0.031	0.035	0.040		Set Trigger
2	2.571	0.046	0.030	0.035	0.040		Set Trigger
3	2.550	0.046	0.030	0.035	0.039		Set Trigger
4	2.570	0.046	0.030	0.036	0.039		Set Trigger
5	2.601	0.046	0.030	0.035	0.040		Set Trigger

Avg 2.57

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/10/07

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	4.091	0.054	0.038	0.035	0.066		Set Trigger
2	4.094	0.054	0.038	0.035	0.065		Set Trigger
3	4.068	0.055	0.038	0.035	0.067		Set Trigger
4	4.089	0.054	0.038	0.035	0.065		Set Trigger
5	4.064	0.054	0.038	0.035	0.066		Set Trigger

Avg 4.08

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6680329.___0
FILE DATE AND TIME: 09/21/2007 05:56

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.080
The Average Y Centroid of the Five Target Set:	0.025
The Average Point of Impact of the Five Target Set:	0.084
The Average Mean Radius of the Five Target Set:	0.597
The Distance from POA to Centroid Target #1:	0.039
The Distance from Centroid Target #2 to Centroid Target #1:	0.307
The Distance from Centroid Target #3 to Centroid Target #1:	0.151
The Distance from Centroid Target #4 to Centroid Target #1:	0.134
The Distance from Centroid Target #5 to Centroid Target #1:	0.198

BARBER - M24 0175348

SERIAL NUMBER: G6680329. __0

TARGET NUMBER: 1

FILE DATE: 09/21/2007

FILE TIME: 05:56

POINT#	X	Y
1:	0.197	0.798
2:	-0.085	0.407
3:	-0.932	0.147
4:	-0.580	0.038
5:	-0.368	-0.785
6:	0.839	0.086
7:	0.435	-0.237
8:	-0.214	-0.336
9:	0.022	-0.066
10:	0.304	0.022

X CENTROID: -0.038

Y CENTROID: 0.007

POA TO CENTROID: 0.039

HORZ SPREAD: 1.771

VERT SPREAD: 1.583

GROUP SPREAD: 1.772

MIN RADIUS: 0.095

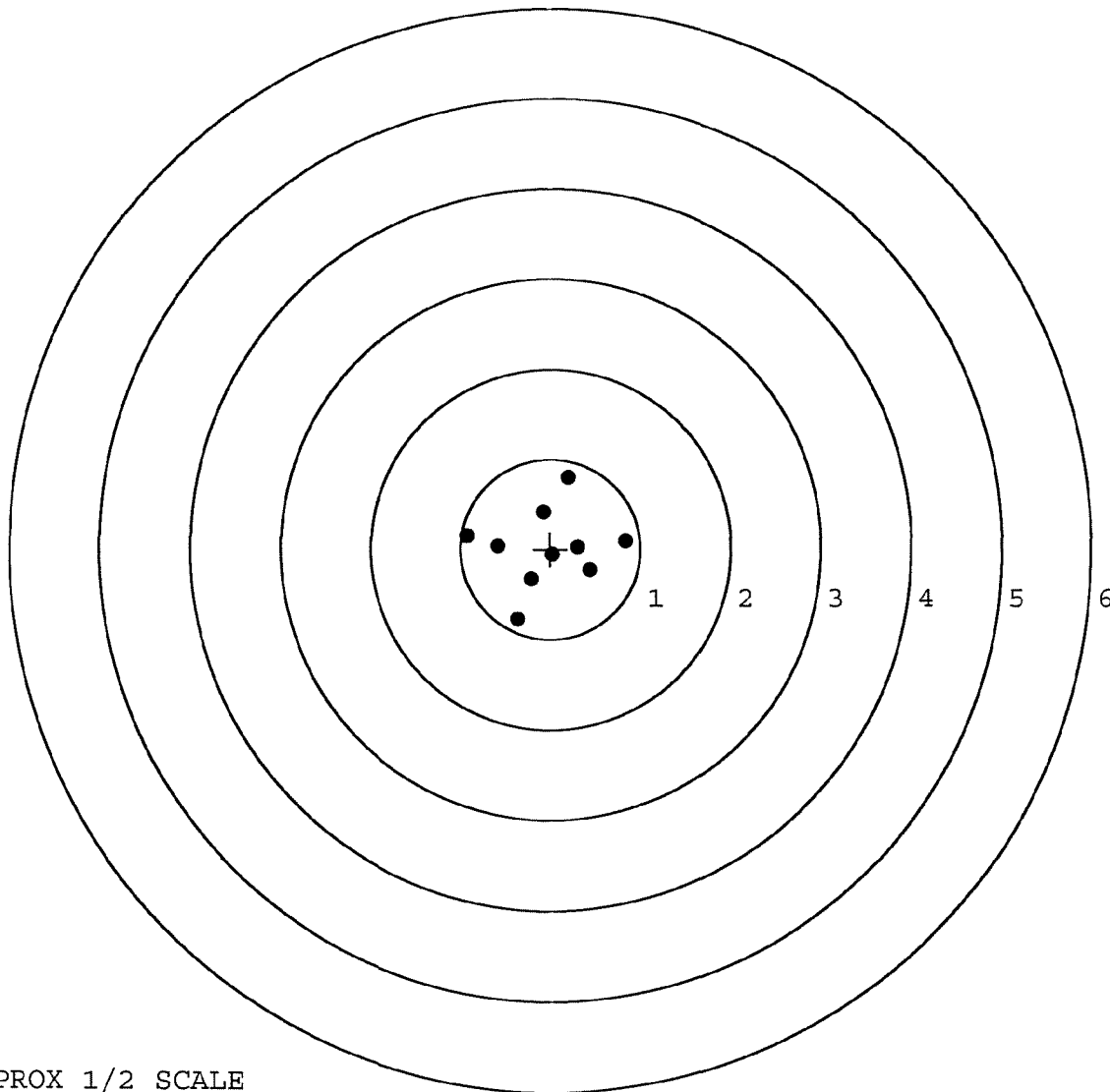
MAX RADIUS: 0.905

MEAN RADIUS: 0.577

IN 1 IN DIAMETER: 4

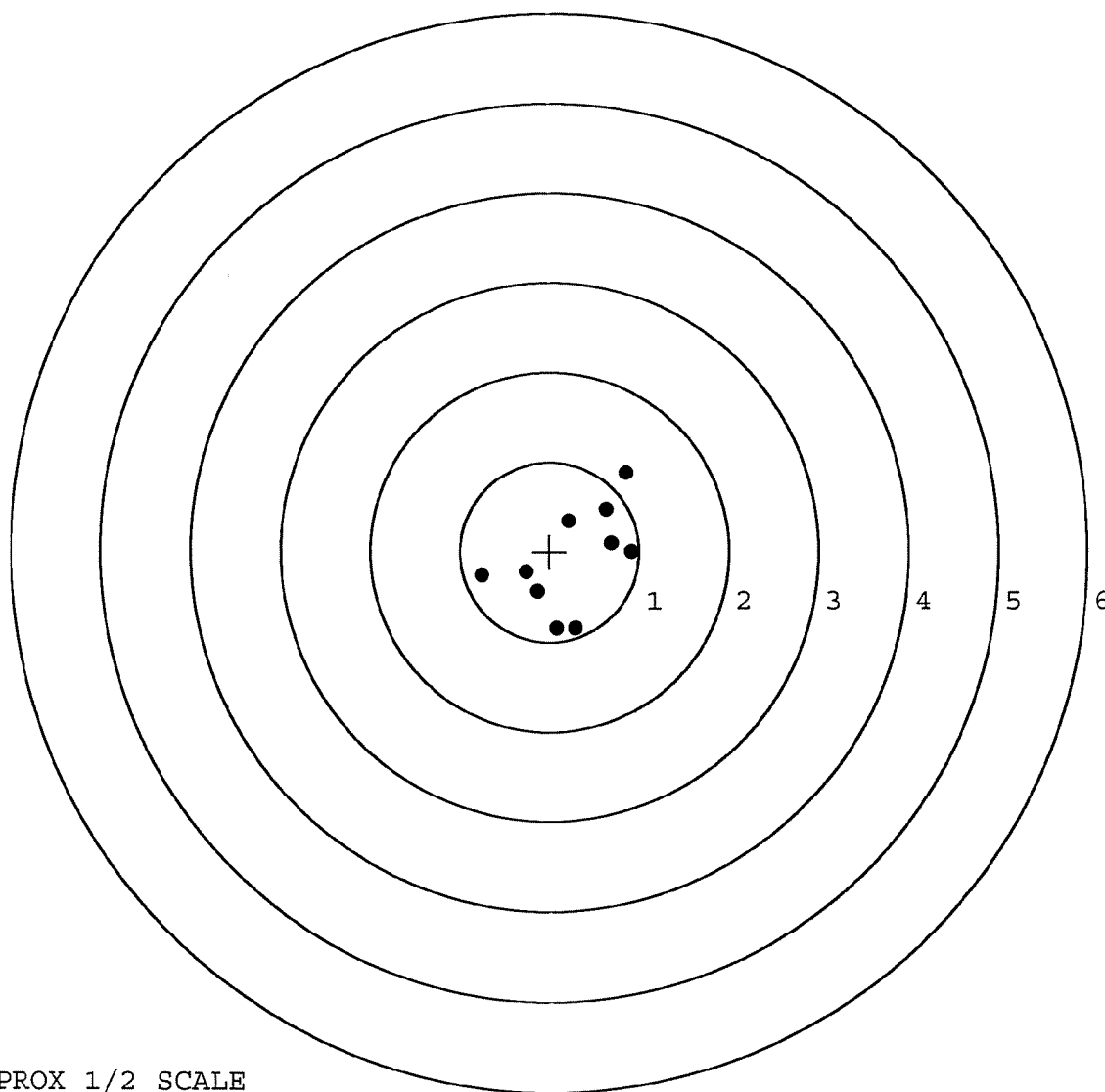
IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6680329. __0	POINT#	X	Y
TARGET NUMBER: 2	1:	-0.755	-0.262
FILE DATE: 09/21/2007	2:	-0.262	-0.229
FILE TIME: 05:56	3:	-0.137	-0.441
	4:	0.078	-0.855
X CENTROID: 0.254	5:	0.292	-0.858
Y CENTROID: -0.088	6:	0.919	-0.013
POA TO CENTROID: 0.269	7:	0.692	0.091
HORZ SPREAD: 1.674	8:	0.637	0.469
VERT SPREAD: 1.735	9:	0.854	0.877
GROUP SPREAD: 1.971	10:	0.219	0.340
MIN RADIUS: 0.430			
MAX RADIUS: 1.137			
MEAN RADIUS: 0.703			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



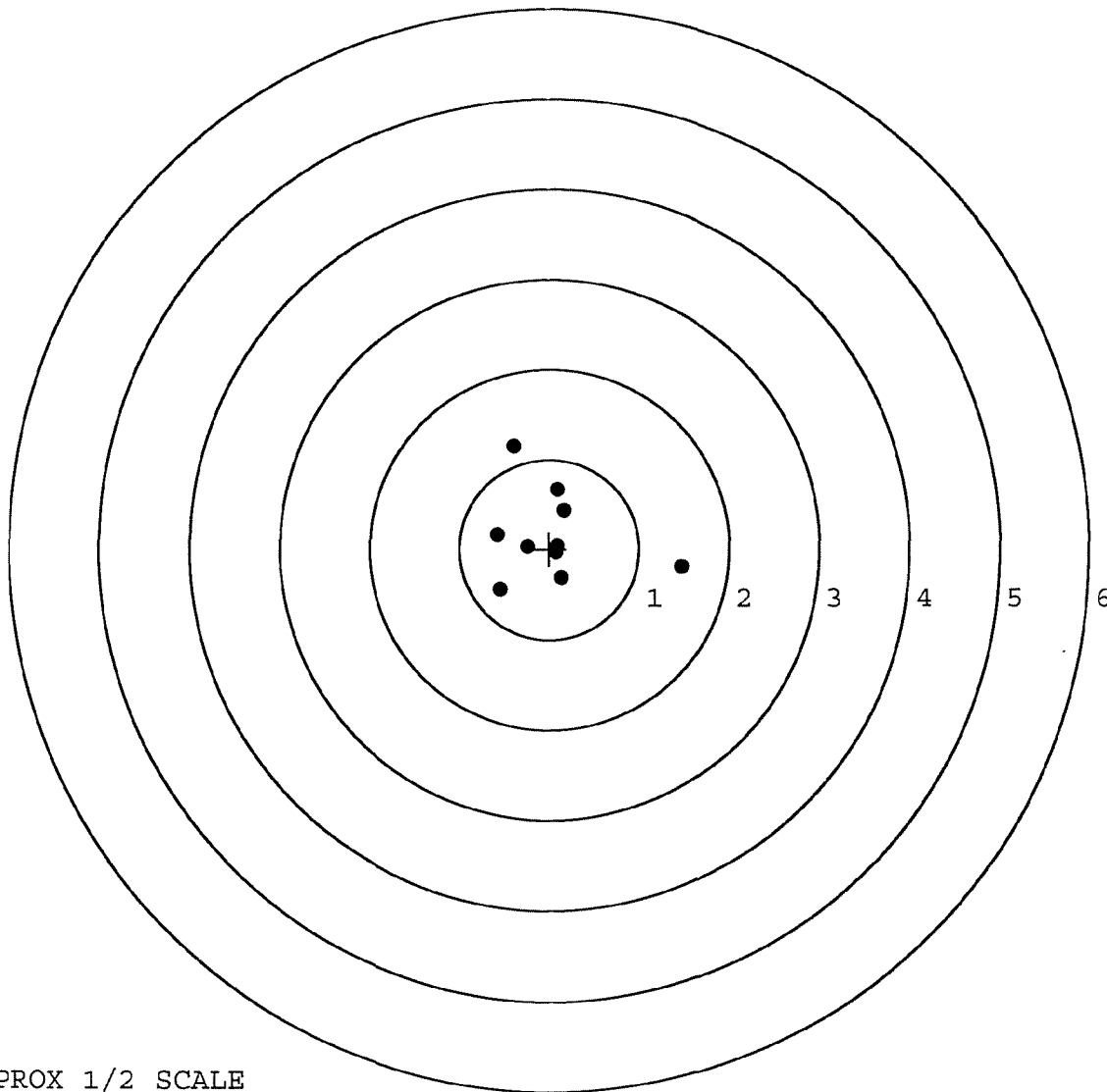
TARGET APPROX 1/2 SCALE

BARBER - M24 0175350

SERIAL NUMBER: G6680329. __0
 TARGET NUMBER: 3
 FILE DATE: 09/21/2007
 FILE TIME: 05:56

POINT#	X	Y
1:	-0.398	1.147
2:	0.090	0.661
3:	0.162	0.427
4:	-0.586	0.166
5:	-0.547	-0.447
6:	-0.244	0.028
7:	0.088	0.035
8:	0.135	-0.324
9:	0.075	-0.036
10:	1.468	-0.211

X CENTROID: 0.024
 Y CENTROID: 0.145
 POA TO CENTROID: 0.147
 HORZ SPREAD: 2.054
 VERT SPREAD: 1.594
 GROUP SPREAD: 2.308
 MIN RADIUS: 0.127
 MAX RADIUS: 1.487
 MEAN RADIUS: 0.593
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



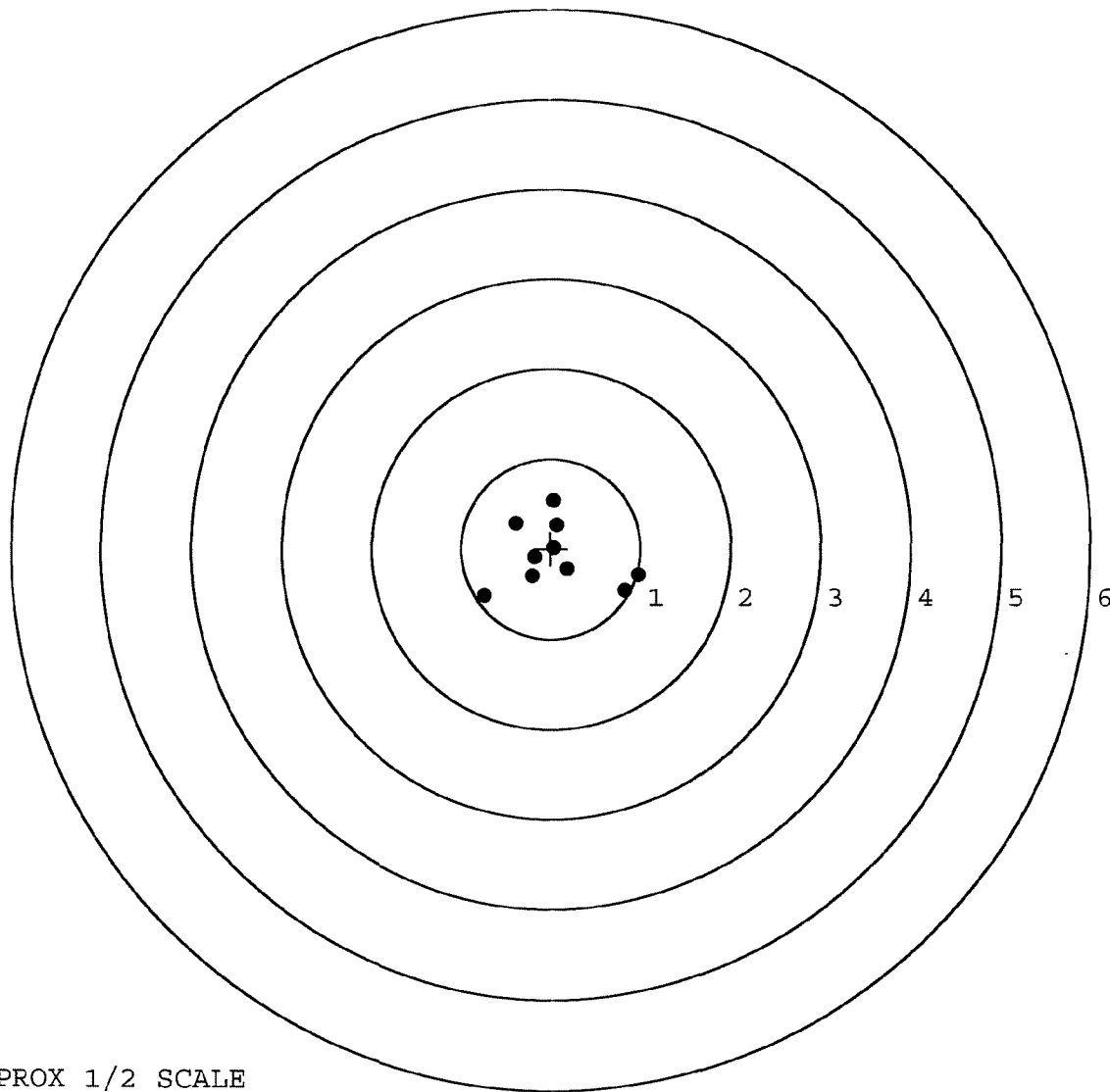
TARGET APPROX 1/2 SCALE

BARBER - M24 0175351

SERIAL NUMBER: G6680329.____0
 TARGET NUMBER: 4
 FILE DATE: 09/21/2007
 FILE TIME: 05:56

POINT#	X	Y
1:	0.974	-0.305
2:	0.824	-0.480
3:	-0.743	-0.526
4:	-0.399	0.285
5:	0.033	0.536
6:	0.064	0.265
7:	-0.212	-0.309
8:	-0.184	-0.099
9:	0.185	-0.230
10:	0.039	0.008

X CENTROID: 0.058
 Y CENTROID: -0.085
 POA TO CENTROID: 0.103
 HORZ SPREAD: 1.717
 VERT SPREAD: 1.062
 GROUP SPREAD: 1.731
 MIN RADIUS: 0.095
 MAX RADIUS: 0.942
 MEAN RADIUS: 0.516
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6680329. 0

TARGET NUMBER: 5

FILE DATE: 09/21/2007

FILE TIME: 05:56

POINT#	X	Y
1:	0.746	1.155
2:	-0.565	1.018
3:	0.461	0.283
4:	0.517	-0.099
5:	-0.104	0.278
6:	0.006	-0.041
7:	-0.448	-0.126
8:	0.038	-0.307
9:	-0.055	-0.762
10:	0.426	0.067

X CENTROID: 0.102

Y CENTROID: 0.147

POA TO CENTROID: 0.179

HORZ SPREAD: 1.311

VERT SPREAD: 1.917

GROUP SPREAD: 2.078

MIN RADIUS: 0.211

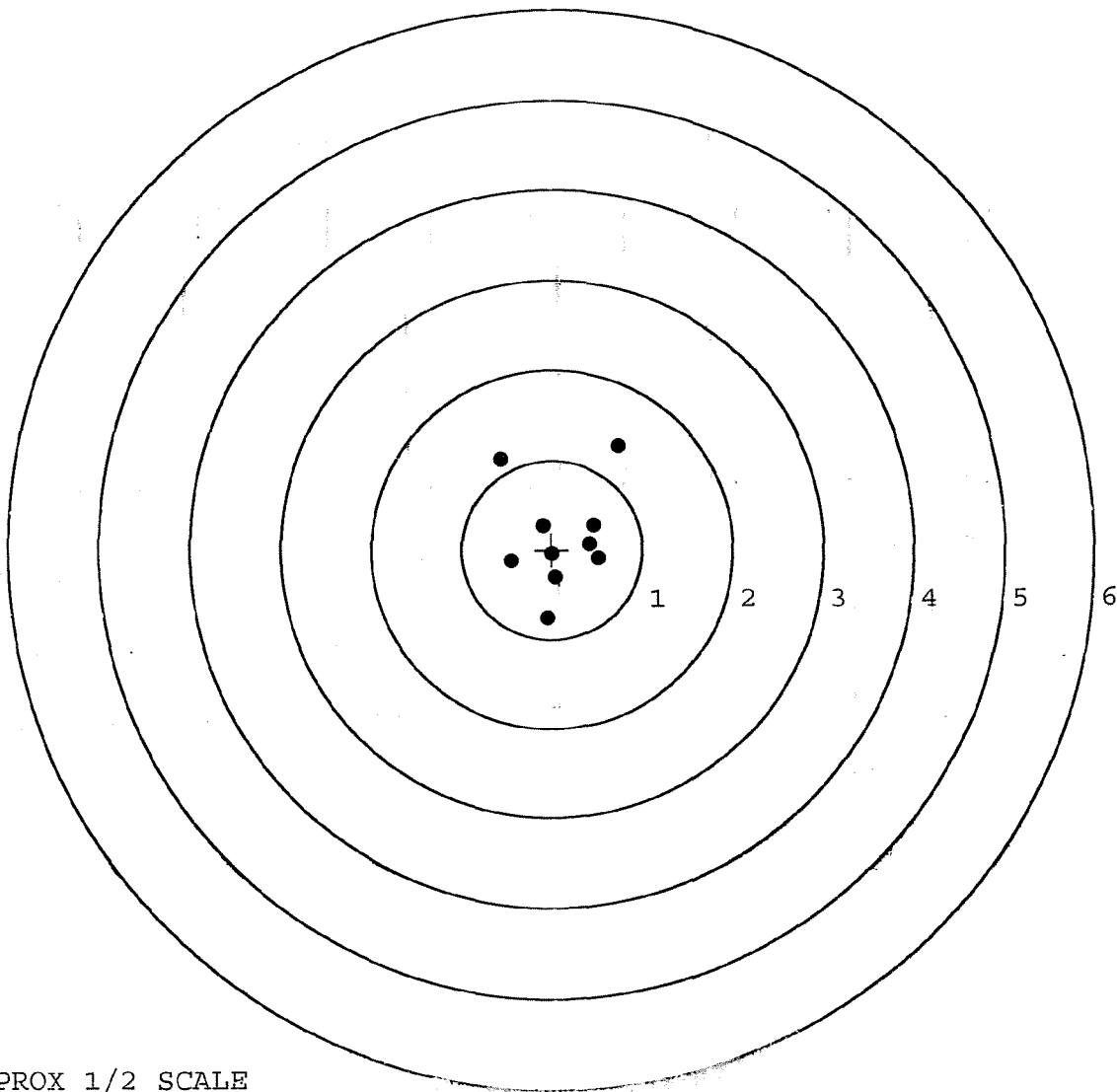
MAX RADIUS: 1.196

MEAN RADIUS: 0.594

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE