

G 6637729

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



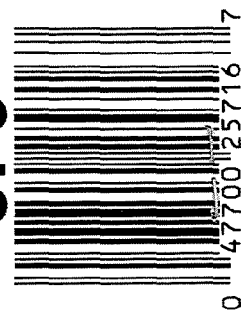
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6637729

UPC



ORDER 25716

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

UPC



ORDER 25716

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

UPC



SERIAL NO.



GUN SERIAL # G6637729

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9/17/07	SPD
420	ASSEMBLE ACTION			
430	ASSEMBLE TO STOCK		9-17-07	SD
440	PROOF		9/17/07	mm
460	CHECK HEADSPACE		9/17/07	mm
470	DIS-ASSEMBLE ACTION		9-17-07	SD
480	MAGNAFLUX BBL ACTION		9-18-07	NRB
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-18-07	CW
510	DRILL AND TAP SIGHT HOLES		9-17-07	SD
520	GOFF BLAST BBL / REC		9-18-07	dy
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/19/07	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9/21/07	SPD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/21/07	SPD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/21/07	SPD
	D) OIL FIRING PIN ASSEMBLY		9/21/07	SPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/9/07	mm

F004 REV 5/2006

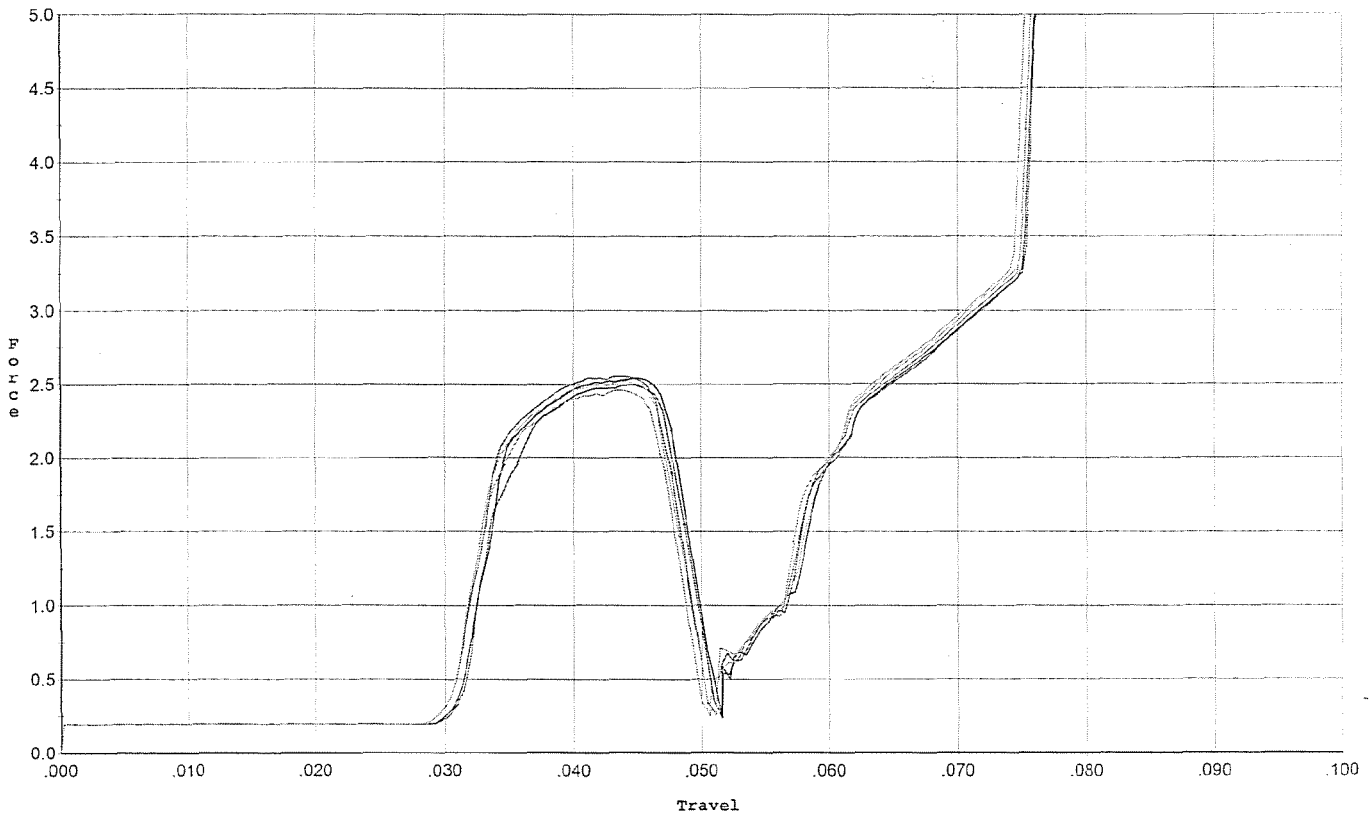
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.75</u> <u>5.75</u> <u>6.25</u>	10/1/07	non
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>5.5</u> <u>5.75</u> <u>5.75</u>	10/1/07	non
	H) TRIGGER PULL TEST AND RETAINABILITY		10/1/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.002</u> <u>.023</u> <u>.022</u>	10/1/07	non
	J) ASSEMBLE STOCK		9/21/07	P.P.H.
	K) ASSEMBLE SWIVEL STUDS		10/1/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10/9/07	non
	M) IRON SIGHT ALIGNMENT		10/9/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10/1/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-24-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-24-07	BWD
670	FINAL INSPECTION A) HEADSPACE		10/1/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.72</u> <u>2.66</u> <u>2.71</u> <u>2.63</u> <u>2.63</u>	9-25-07	RA
	C) FUNCTION		10/1/07	non
690	PACK		10/10/07	RA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/13/07

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



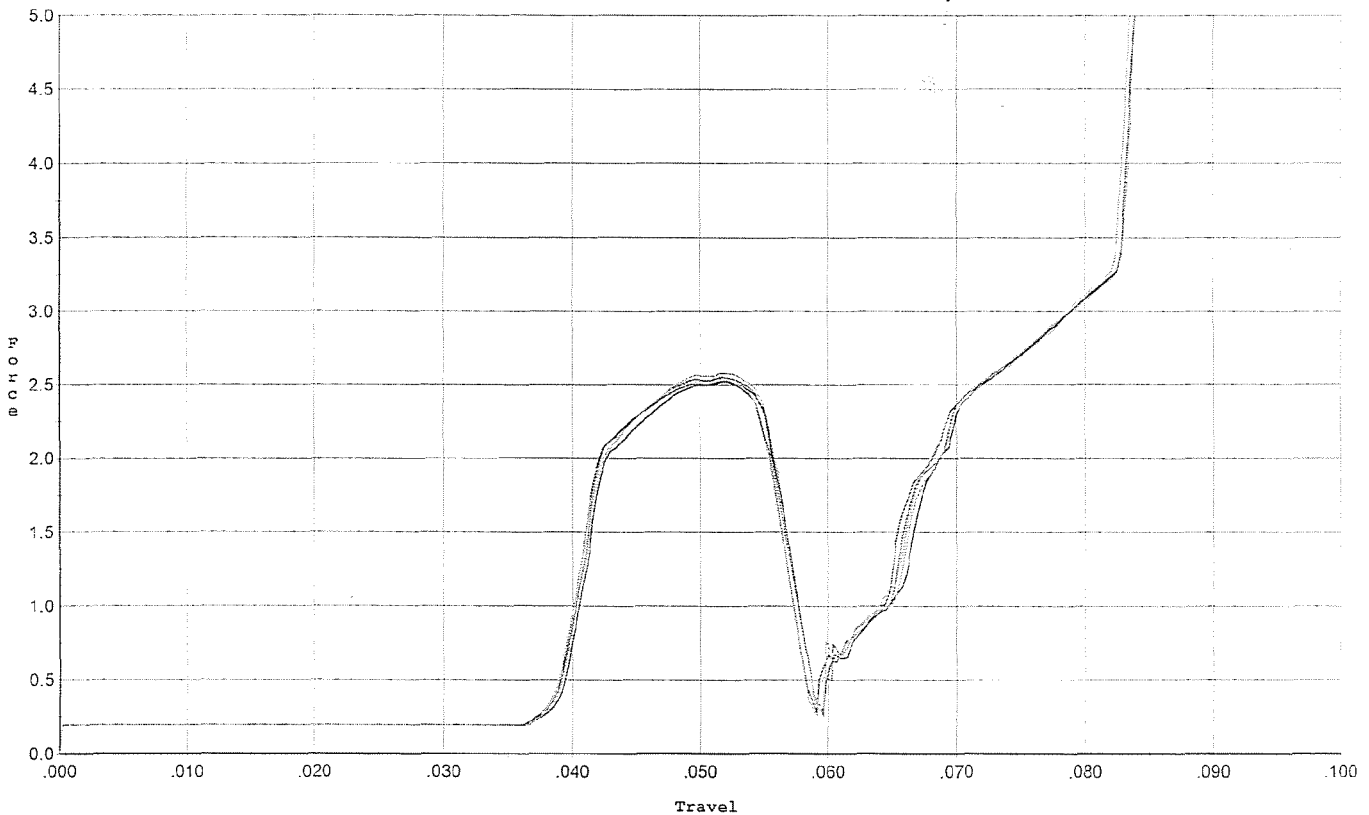
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.499	0.049	0.031	0.033	0.042		Set Trigger
2	2.539	0.048	0.031	0.033	0.043		Set Trigger
3	2.552	0.048	0.030	0.033	0.043		Set Trigger
4	2.520	0.048	0.030	0.033	0.043		Set Trigger
5	2.461	0.047	0.030	0.033	0.041		Set Trigger

Avg 2.51

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/13/07

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



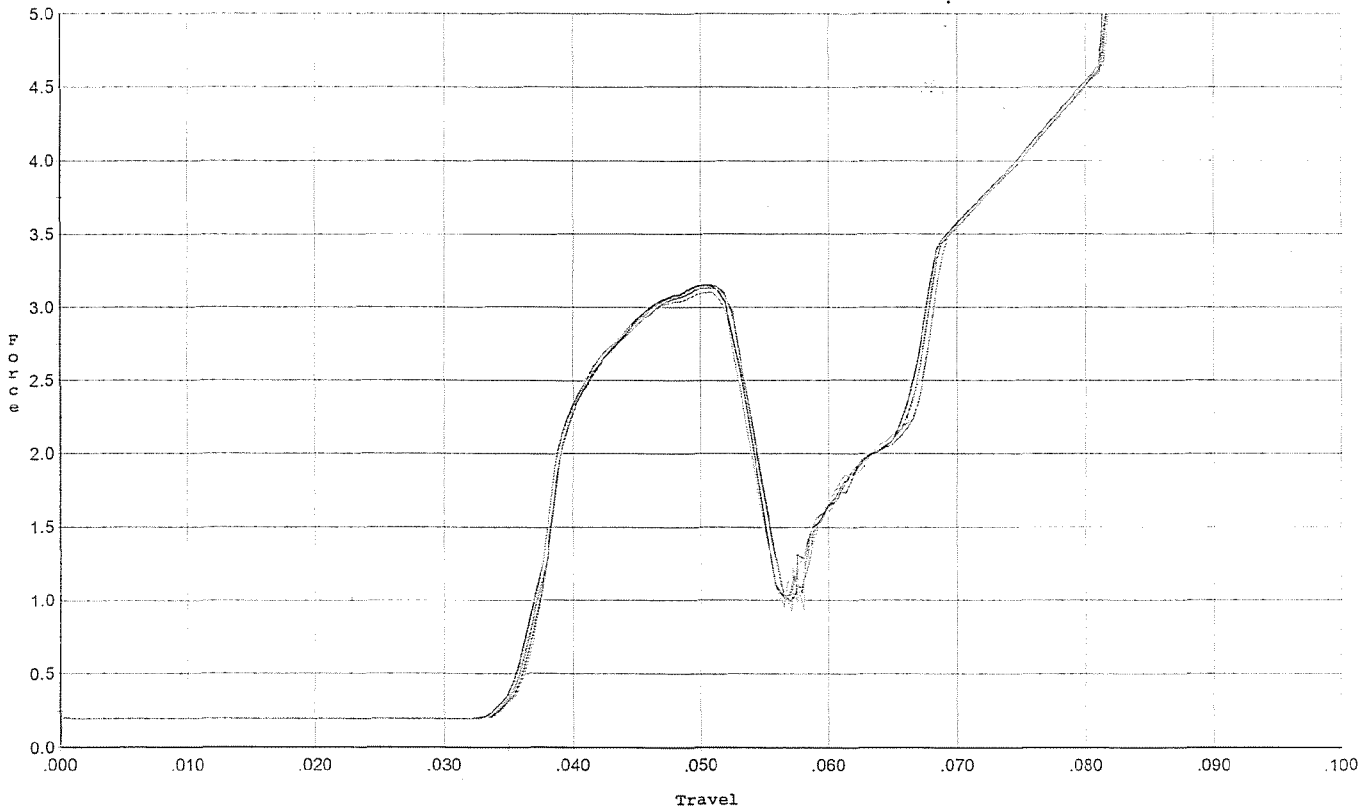
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.523	0.055	0.039	0.035	0.044		Set Trigger
2	2.523	0.056	0.039	0.034	0.045		Set Trigger
3	2.550	0.057	0.038	0.034	0.046		Set Trigger
4	2.539	0.056	0.038	0.035	0.045		Set Trigger
5	2.578	0.056	0.039	0.035	0.046		Set Trigger

AVG 2.54

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/13/07

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



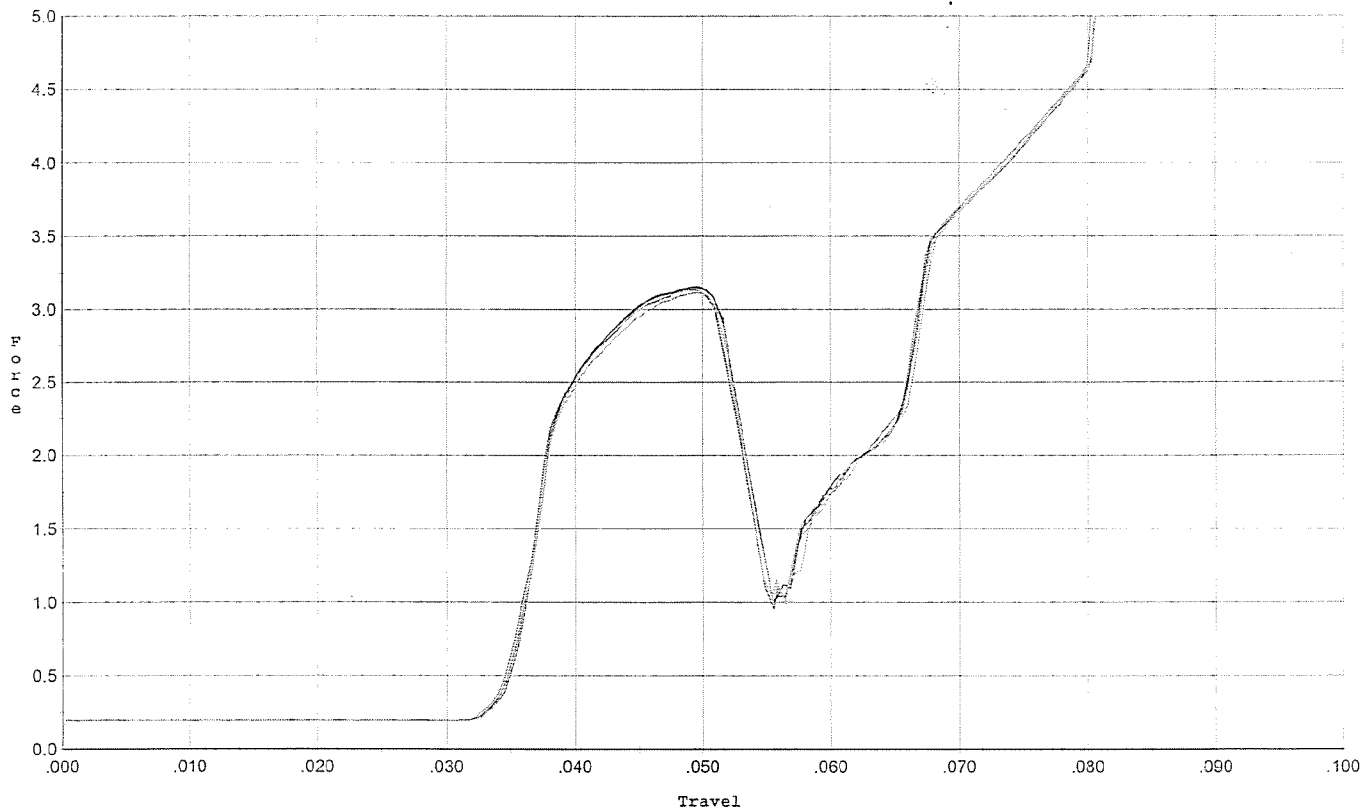
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.158	0.053	0.036	0.034	0.052		Set Trigger
2	3.155	0.053	0.035	0.034	0.053		Set Trigger
3	3.136	0.052	0.035	0.034	0.052		Set Trigger
4	3.101	0.052	0.035	0.034	0.051		Set Trigger
5	3.134	0.054	0.036	0.034	0.054		Set Trigger

AVG 3.13

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 9/13/07

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



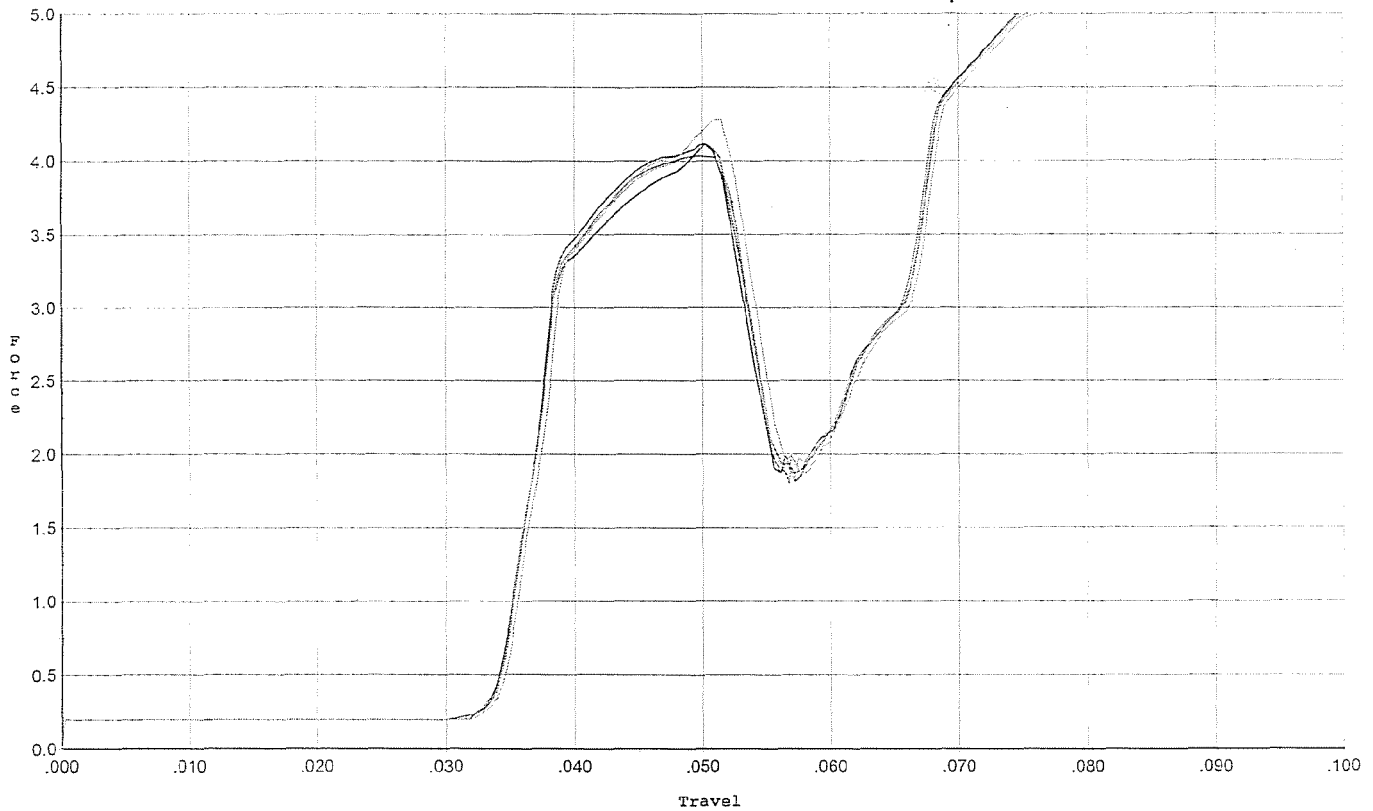
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.155	0.052	0.034	0.034	0.053		Set Trigger
2	3.150	0.052	0.034	0.034	0.052		Set Trigger
3	3.136	0.052	0.034	0.034	0.053		Set Trigger
4	3.131	0.052	0.034	0.034	0.053		Set Trigger
5	3.112	0.052	0.034	0.034	0.052		Set Trigger

Avg 3.13

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/13/07

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



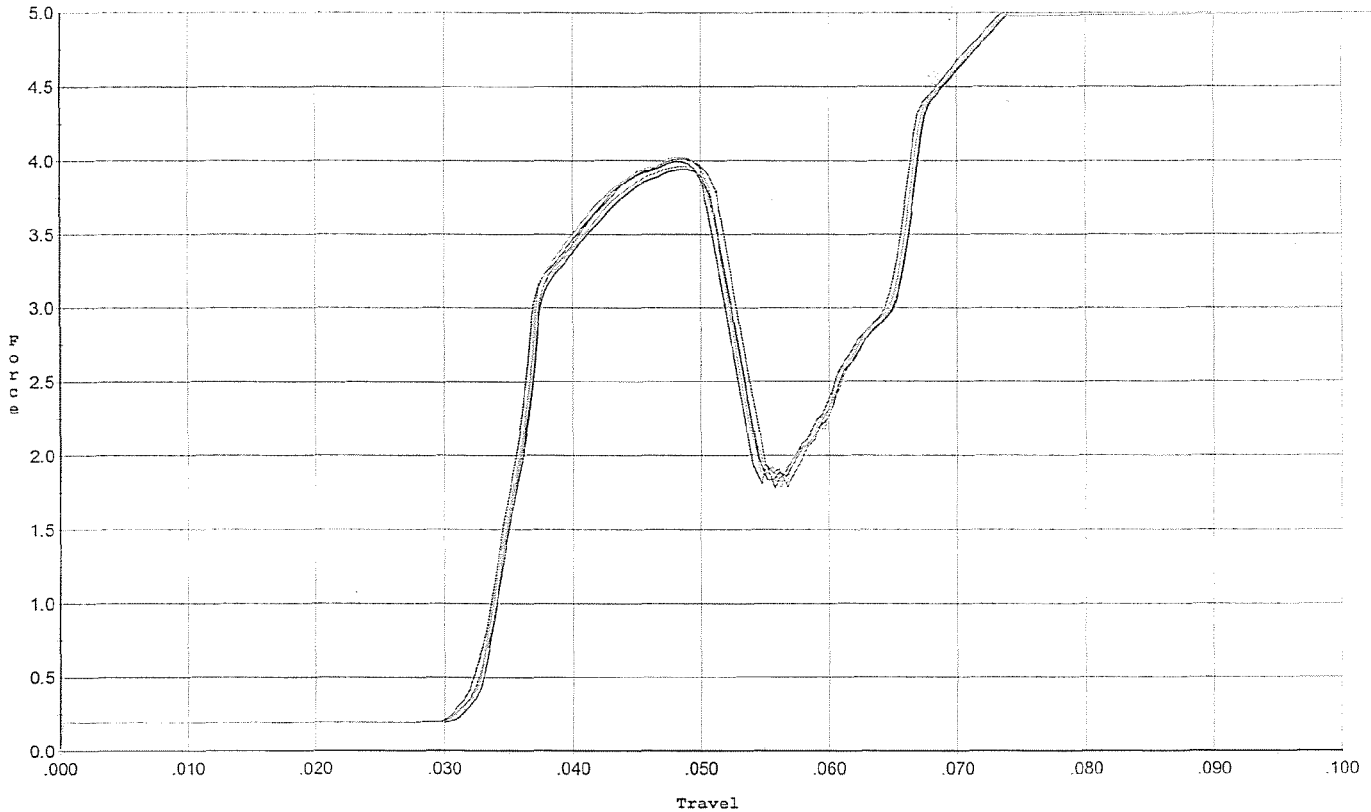
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.121	0.053	0.034	0.032	0.072		Set Trigger
2	4.116	0.052	0.034	0.032	0.068		Set Trigger
3	4.033	0.052	0.034	0.032	0.071		Set Trigger
4	4.280	0.053	0.034	0.032	0.072		Set Trigger
5	4.120	0.052	0.034	0.032	0.071		Set Trigger

AVG 4.13

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/13/07

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



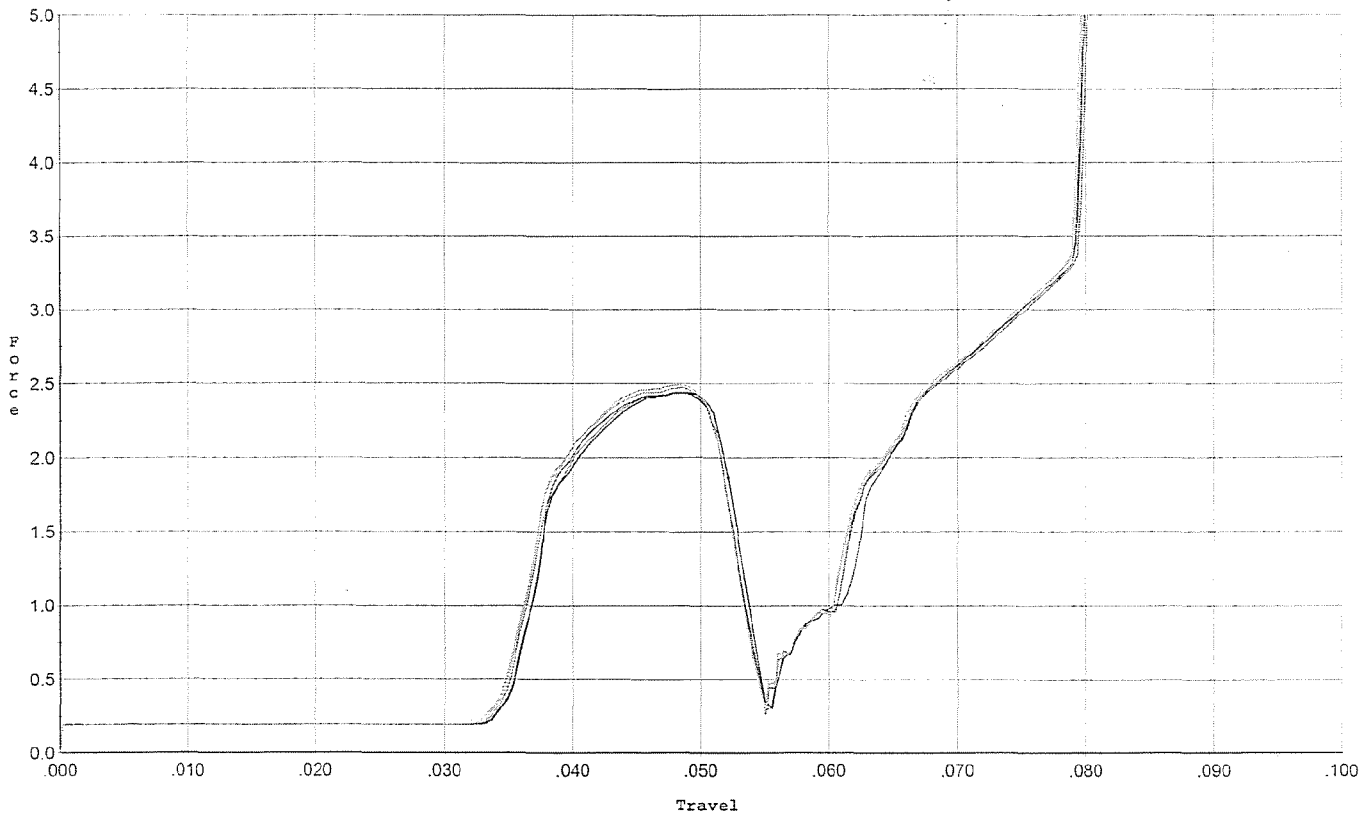
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.995	0.052	0.032	0.031	0.070		Set Trigger
2	3.945	0.051	0.033	0.032	0.067		Set Trigger
3	4.013	0.051	0.032	0.032	0.070		Set Trigger
4	3.962	0.051	0.032	0.032	0.068		Set Trigger
5	4.023	0.052	0.032	0.032	0.072		Set Trigger

AVG 3.98

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 9/13/07

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



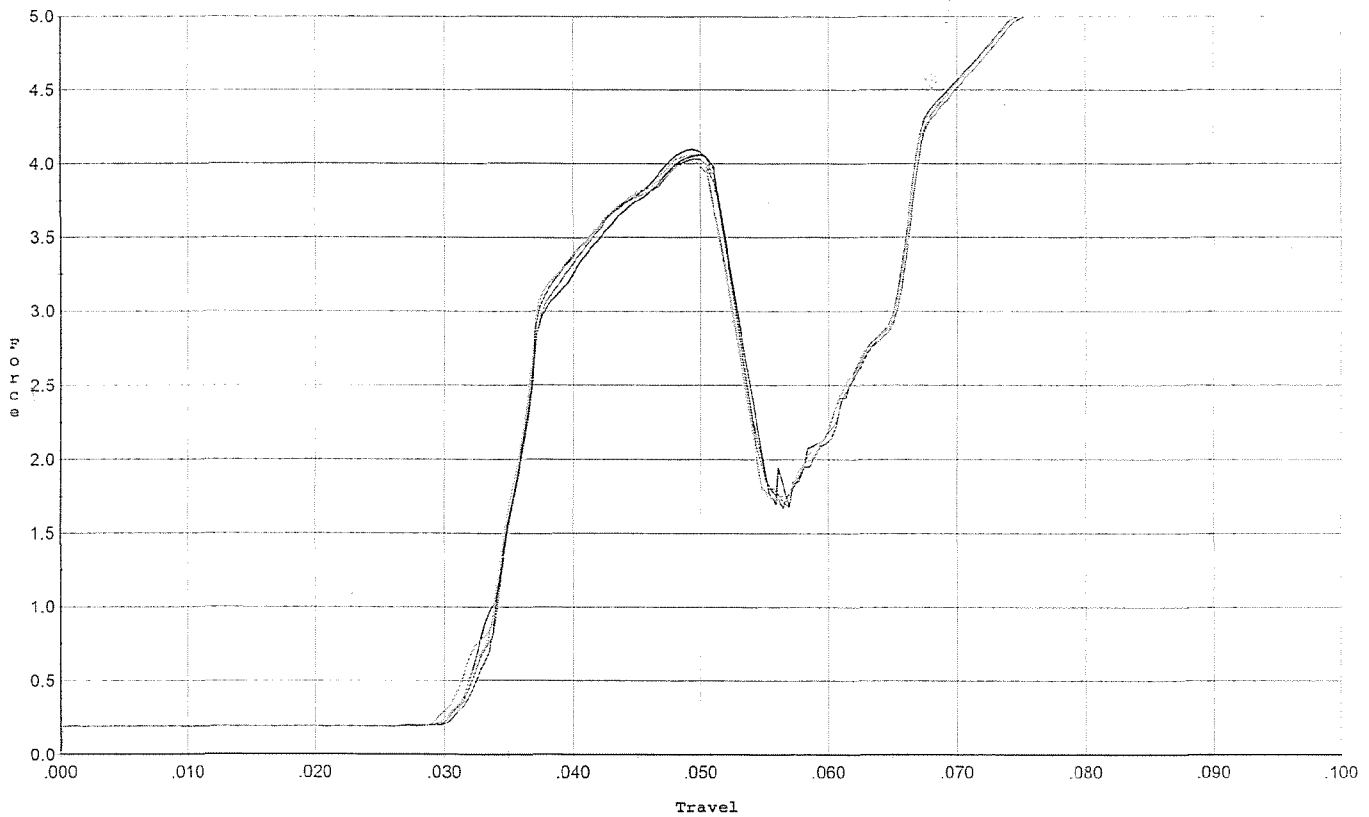
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.435	0.051	0.034	0.035	0.041		Set Trigger
2	2.438	0.052	0.035	0.034	0.042		Set Trigger
3	2.439	0.051	0.034	0.034	0.041		Set Trigger
4	2.488	0.051	0.034	0.034	0.043		Set Trigger
5	2.469	0.051	0.035	0.034	0.042		Set Trigger

AVG 2.45

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/13/07

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	4.099	0.051	0.032	0.031	0.069		Set Trigger
2	4.062	0.051	0.032	0.031	0.069		Set Trigger
3	4.029	0.051	0.032	0.031	0.069		Set Trigger
4	4.015	0.053	0.032	0.031	0.071		Set Trigger
5	4.061	0.052	0.031	0.031	0.071		Set Trigger

Avg 4.05

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637729.__0
FILE DATE AND TIME: 09/24/2007 13:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.037
The Average Y Centroid of the Five Target Set:	-0.094
The Average Point of Impact of the Five Target Set:	0.101
The Average Mean Radius of the Five Target Set:	0.709
The Distance from POA to Centroid Target #1:	0.157
The Distance from Centroid Target #2 to Centroid Target #1:	0.113
The Distance from Centroid Target #3 to Centroid Target #1:	0.189
The Distance from Centroid Target #4 to Centroid Target #1:	0.047
The Distance from Centroid Target #5 to Centroid Target #1:	0.048

BARBER - M24 0145470

SERIAL NUMBER: G6637729. __ 0

TARGET NUMBER: 1

FILE DATE: 09/24/2007

FILE TIME: 13:30

POINT#	X	Y
1:	0.031	-1.473
2:	0.152	-0.772
3:	-0.361	-0.575
4:	-0.662	-0.683
5:	-0.725	-0.057
6:	-0.154	-0.132
7:	0.288	-0.089
8:	0.255	0.440
9:	-0.114	0.822
10:	0.553	1.128

X CENTROID: -0.074

Y CENTROID: -0.139

POA TO CENTROID: 0.157

HORZ SPREAD: 1.278

VERT SPREAD: 2.601

GROUP SPREAD: 2.653

MIN RADIUS: 0.081

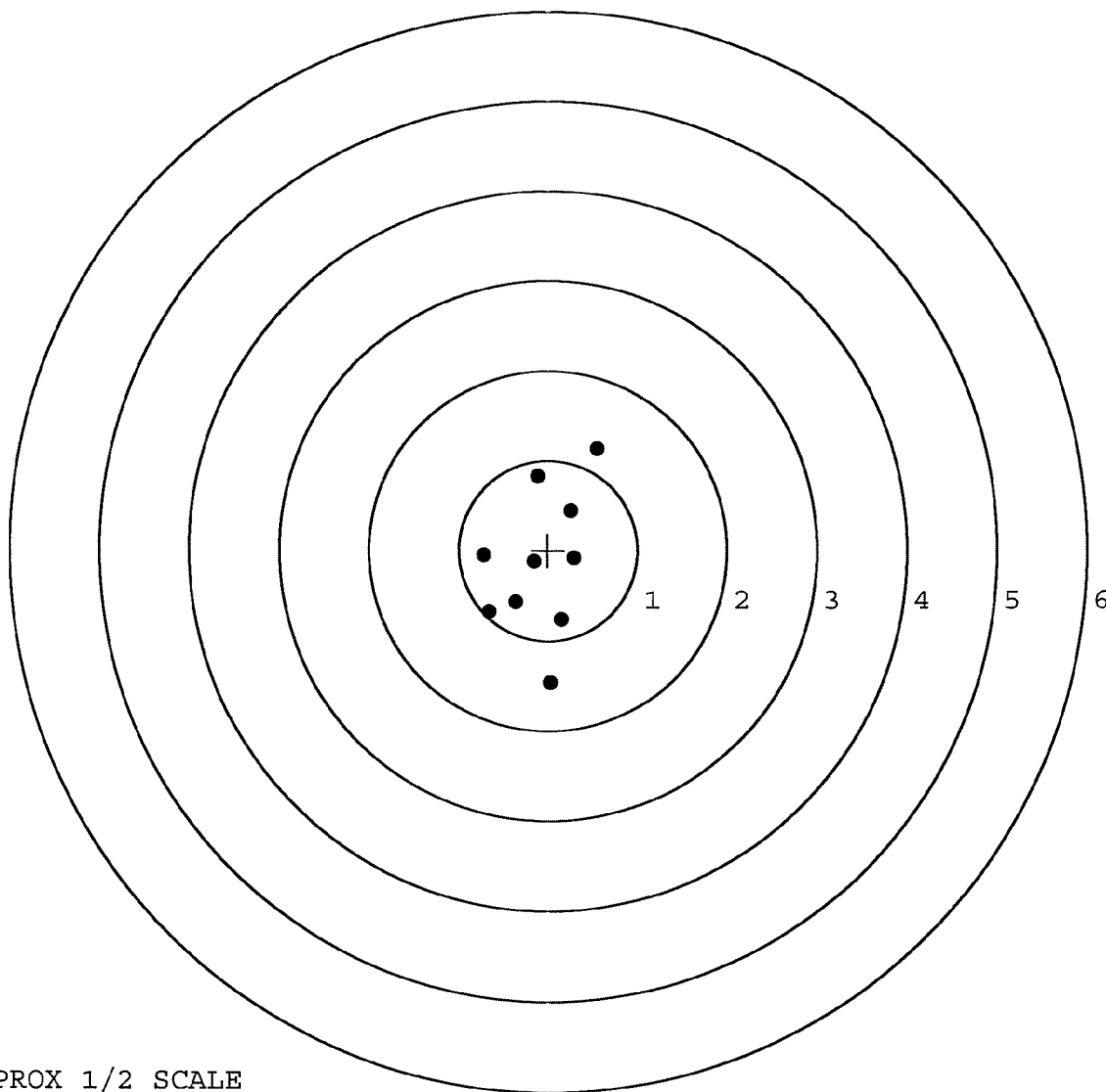
MAX RADIUS: 1.414

MEAN RADIUS: 0.748

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



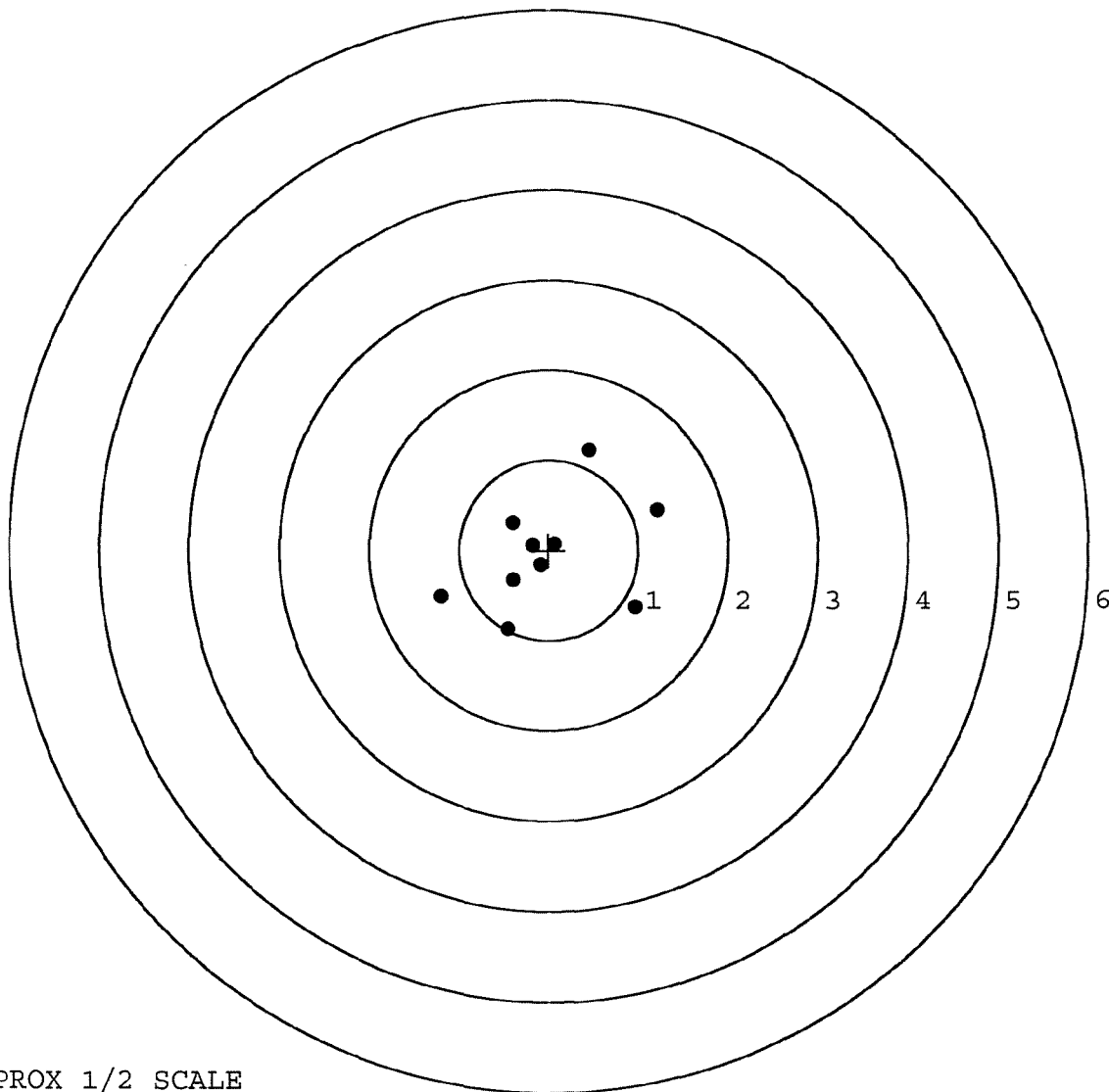
TARGET APPROX 1/2 SCALE

BARBER - M24 0145471

SERIAL NUMBER: G6637729. __0
 TARGET NUMBER: 2
 FILE DATE: 09/24/2007
 FILE TIME: 13:30

POINT#	X	Y
1:	0.965	-0.627
2:	1.207	0.449
3:	0.456	1.108
4:	-0.454	-0.877
5:	-1.202	-0.514
6:	-0.406	0.313
7:	0.071	0.068
8:	-0.176	0.058
9:	-0.088	-0.166
10:	-0.394	-0.328

X CENTROID: -0.002
 Y CENTROID: -0.052
 POA TO CENTROID: 0.052
 HORZ SPREAD: 2.409
 VERT SPREAD: 1.985
 GROUP SPREAD: 2.594
 MIN RADIUS: 0.140
 MAX RADIUS: 1.309
 MEAN RADIUS: 0.742
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



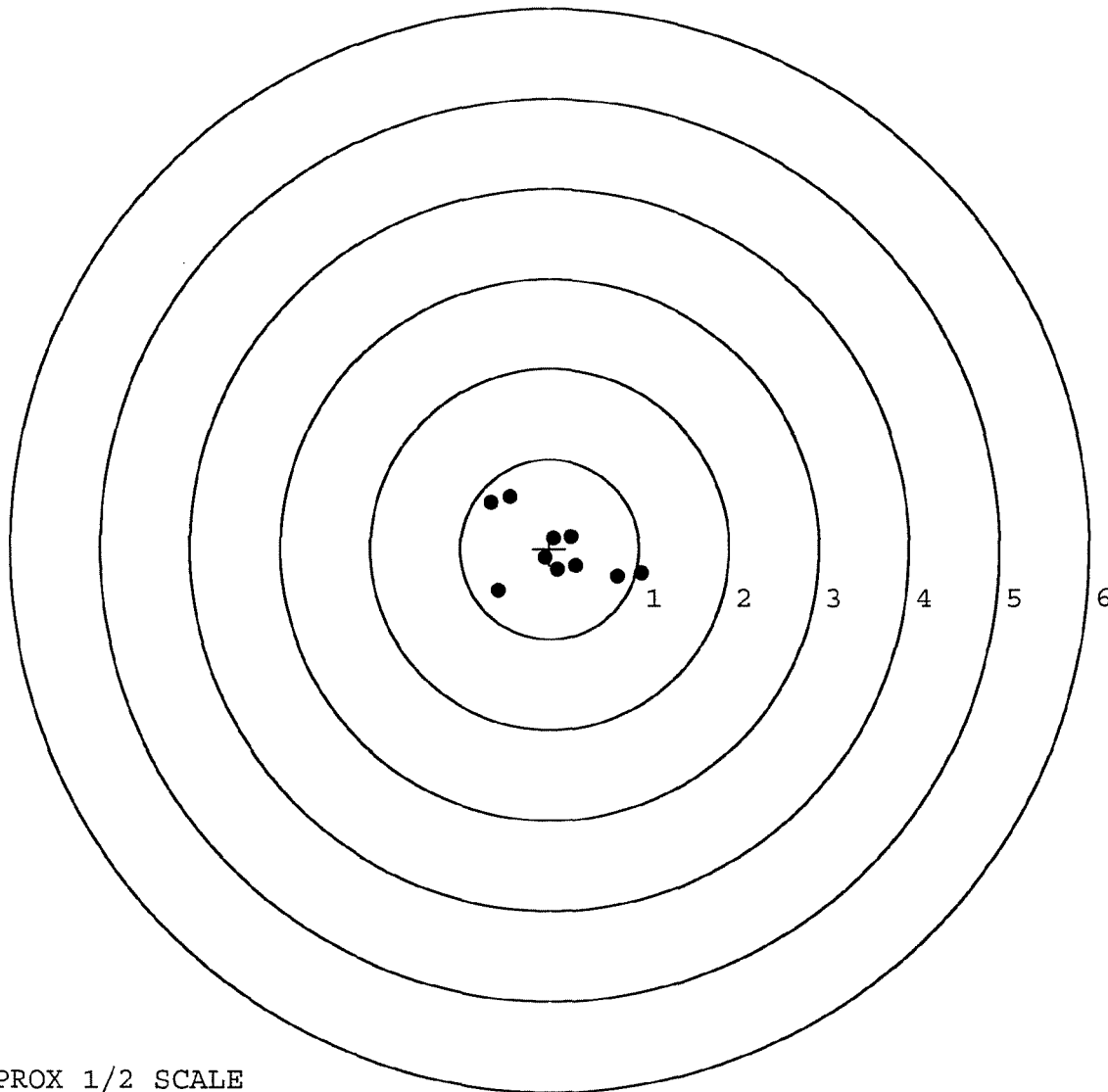
TARGET APPROX 1/2 SCALE

BARBER - M24 0145472

SERIAL NUMBER: G6637729. __0
 TARGET NUMBER: 3
 FILE DATE: 09/24/2007
 FILE TIME: 13:30

POINT#	X	Y
1:	1.032	-0.276
2:	0.761	-0.308
3:	-0.579	-0.462
4:	-0.444	0.585
5:	-0.655	0.522
6:	0.297	-0.191
7:	0.092	-0.236
8:	0.240	0.142
9:	0.047	0.117
10:	-0.052	-0.101

X CENTROID: 0.074
 Y CENTROID: -0.021
 POA TO CENTROID: 0.077
 HORZ SPREAD: 1.687
 VERT SPREAD: 1.047
 GROUP SPREAD: 1.866
 MIN RADIUS: 0.140
 MAX RADIUS: 0.992
 MEAN RADIUS: 0.525
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0145473

SERIAL NUMBER: G6637729. __0

TARGET NUMBER: 4

FILE DATE: 09/24/2007

FILE TIME: 13:30

POINT#	X	Y
1:	0.276	-0.934
2:	0.013	-1.176
3:	-0.291	-1.225
4:	-0.220	-0.435
5:	0.226	-0.383
6:	0.271	-0.200
7:	-0.095	0.229
8:	-0.230	0.517
9:	-0.001	1.157
10:	-1.055	0.770

X CENTROID: -0.111

Y CENTROID: -0.168

POA TO CENTROID: 0.201

HORZ SPREAD: 1.331

VERT SPREAD: 2.382

GROUP SPREAD: 2.220

MIN RADIUS: 0.289

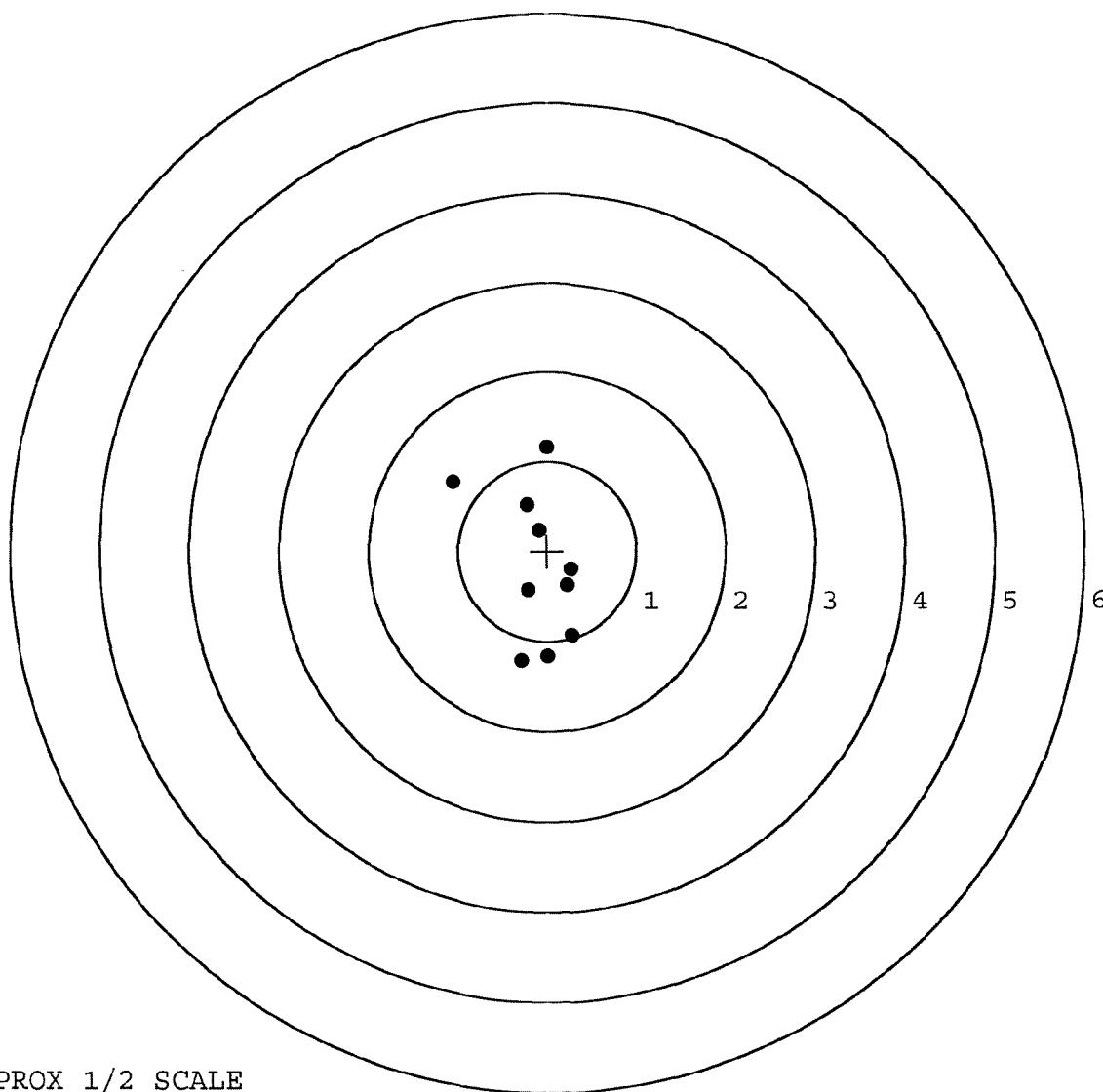
MAX RADIUS: 1.331

MEAN RADIUS: 0.777

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



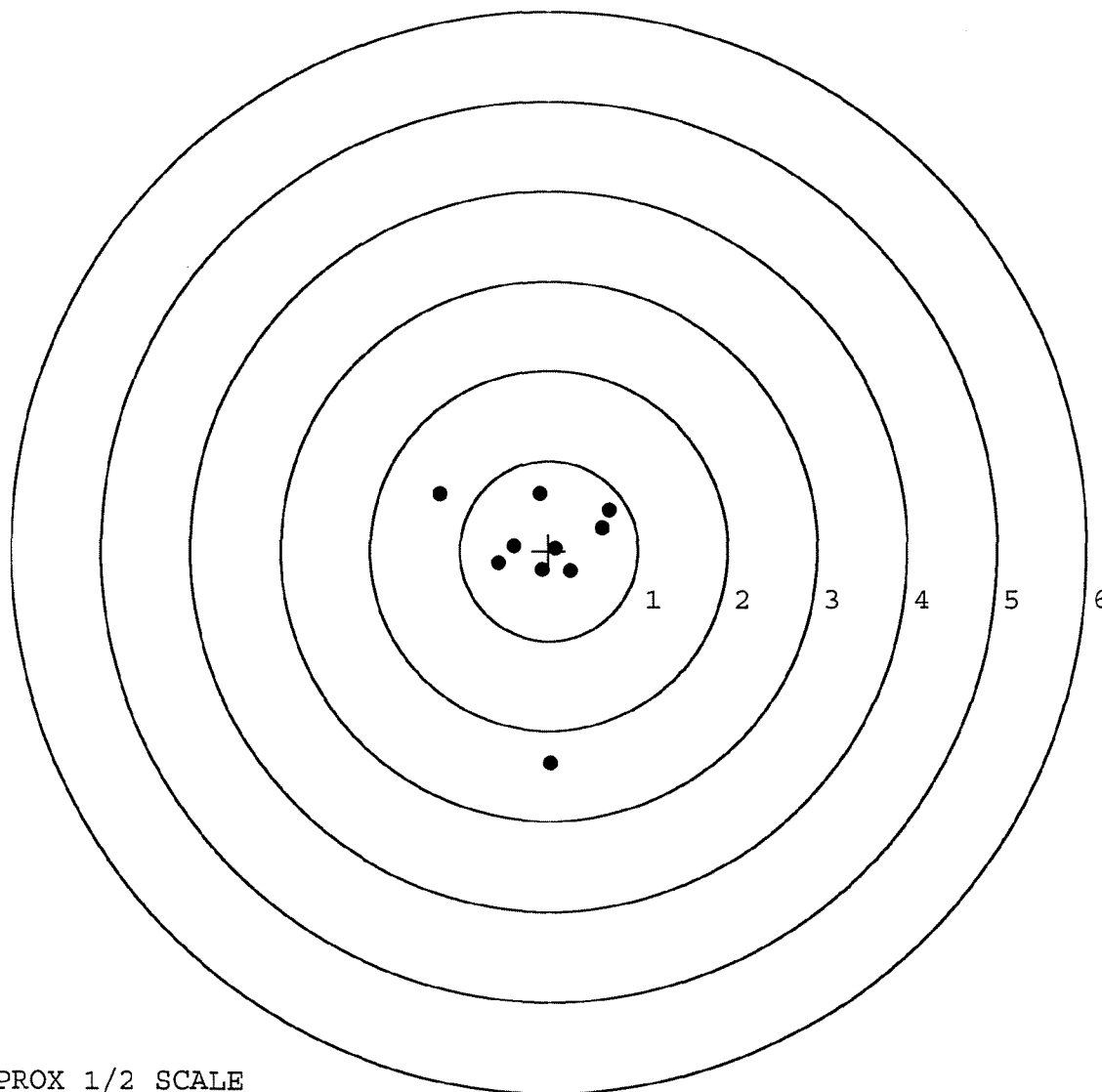
TARGET APPROX 1/2 SCALE

BARBER - M24 0145474

SERIAL NUMBER: G6637729. __0
 TARGET NUMBER: 5
 FILE DATE: 09/24/2007
 FILE TIME: 13:30

POINT#	X	Y
1:	0.023	-2.371
2:	0.678	0.448
3:	0.594	0.252
4:	-0.101	0.635
5:	-1.223	0.633
6:	-0.388	0.050
7:	-0.563	-0.144
8:	-0.080	-0.218
9:	0.079	0.033
10:	0.241	-0.231

X CENTROID: -0.074
 Y CENTROID: -0.091
 POA TO CENTROID: 0.118
 HORZ SPREAD: 1.901
 VERT SPREAD: 3.006
 GROUP SPREAD: 3.252
 MIN RADIUS: 0.127
 MAX RADIUS: 2.282
 MEAN RADIUS: 0.755
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE