

666/6273

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



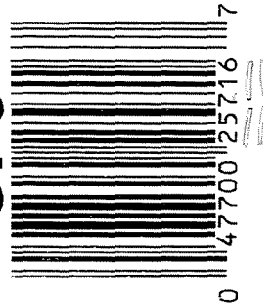
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6616273

UPC



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

UPC



0 47700 25716 7

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

UPC



0 47700 25716 7

SERIAL NO.



66616273

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6616273

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		1-2-07	RTZ
420	ASSEMBLE ACTION		1-5-07	RTZ
430	ASSEMBLE TO STOCK		1-5-07	RTZ
440	PROOF		1-8-07	TRW
460	CHECK HEADSPACE	MAGNA FLUX INSPECTED	1-8-07	TRW
470	DIS-ASSEMBLE ACTION	JAN 09 2007	1-8-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	1-9-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		1-9-07	CW
510	DRILL AND TAP SIGHT HOLES		1-8-07	TRW
520	GOFF BLAST BBL / REC		1-10-07	DS
530 & 540	APPLY COATINGS (BARREL ACTION)		1-29-07	WT
	(BOLT)			
560	RE-ASSEMBLE ACTION		2-19-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		2-19-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		2-19-07	SD
	D) OIL FIRING PIN ASSEMBLY		2-22-07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		3/1/07	mon

F004 REV 5/2006

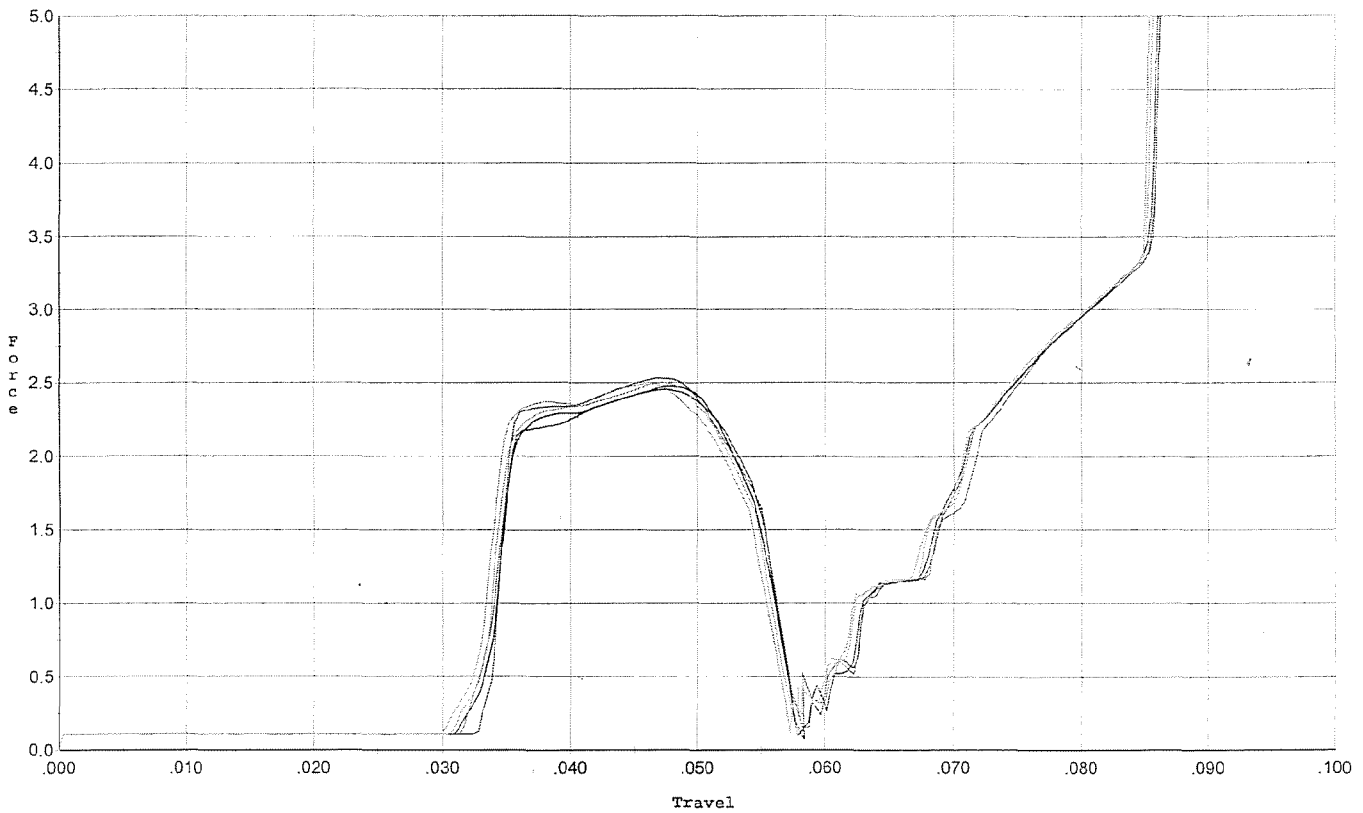
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5°</u> <u>5°</u> <u>5°</u>	3/1/07	nom
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>4°</u> <u>4°</u> <u>4°</u>	3/1/07	nom
	H) TRIGGER PULL TEST AND RETAINABILITY		3/1/07	nom
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.023</u>	3/1/07	nom
	J) ASSEMBLE STOCK		2-22-07	RPD
	K) ASSEMBLE SWIVEL STUDS		3/1/07	nom
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		3/9/07	nom
	M) IRON SIGHT ALIGNMENT		3/9/07	nom
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		3/9/07	nom
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	2/23/07	nom
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		2-23-07	SD
670	FINAL INSPECTION A) HEADSPACE		3/1/07	nom
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.73</u> <u>2.69</u> <u>2.61</u> <u>2.69</u> <u>2.68</u>	2-26-07	TRW
	C) FUNCTION		3/1/07	nom
690	PACK		2-26-07	RPD

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/21/07

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



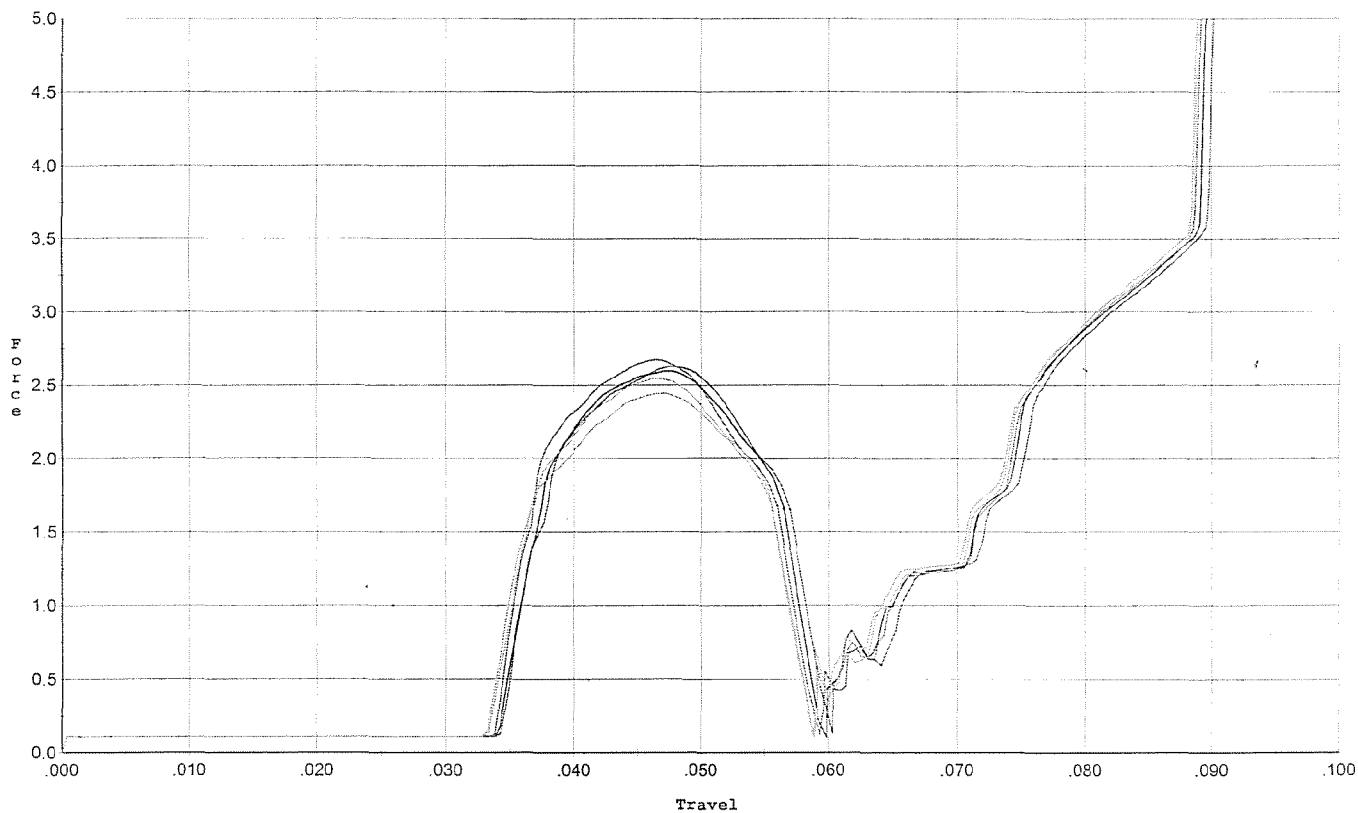
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.453	0.055	0.033	0.035	0.051		Set Trigger
2	2.478	0.056	0.032	0.035	0.052		Set Trigger
3	2.529	0.055	0.032	0.035	0.052		Set Trigger
4	2.502	0.055	0.031	0.035	0.051		Set Trigger
5	2.492	0.056	0.031	0.035	0.053		Set Trigger

Avg 2.49

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/21/07

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



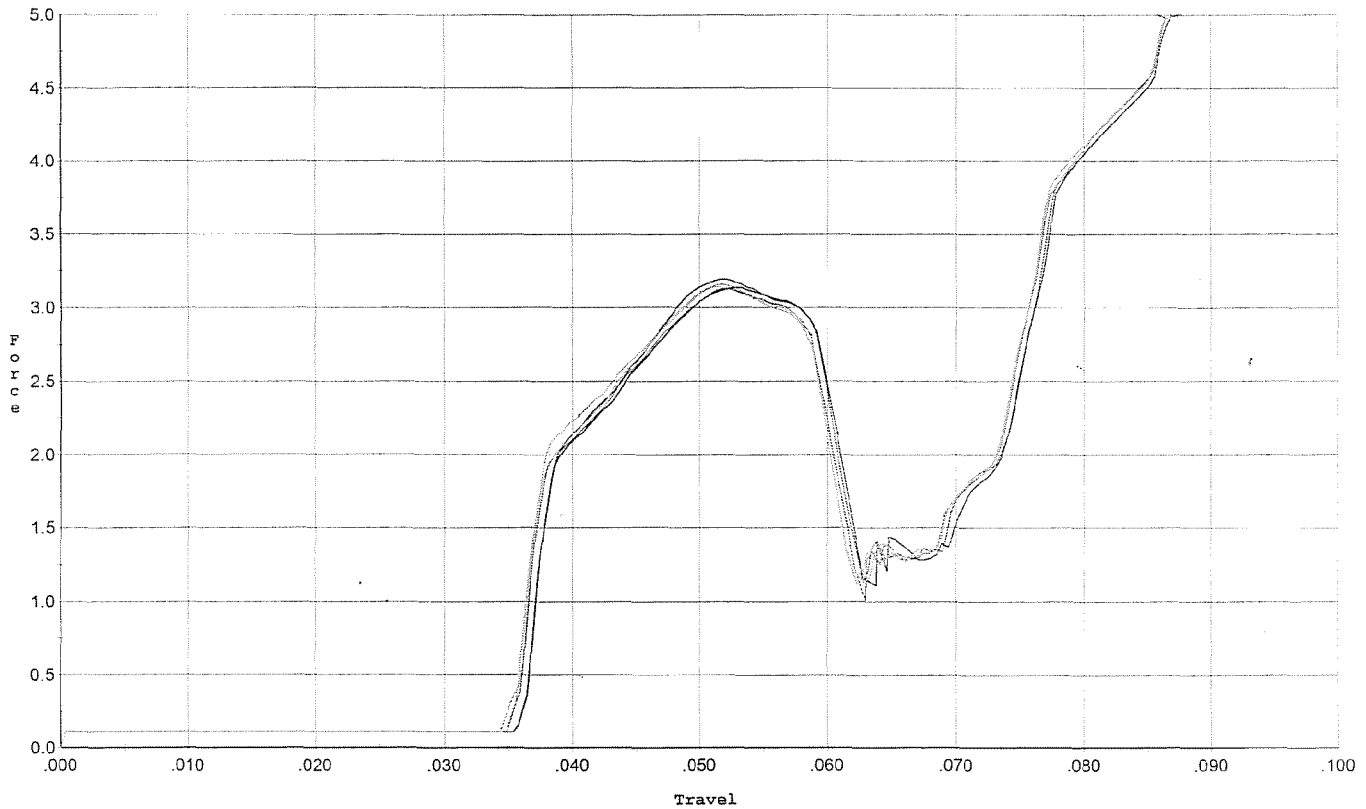
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.628	0.057	0.035	0.038	0.052		Set Trigger
2	2.596	0.056	0.034	0.037	0.051		Set Trigger
3	2.673	0.056	0.034	0.037	0.052		Set Trigger
4	2.547	0.057	0.034	0.037	0.051		Set Trigger
5	2.443	0.055	0.034	0.038	0.048		Set Trigger

Avg 2.57

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 2/21/07

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



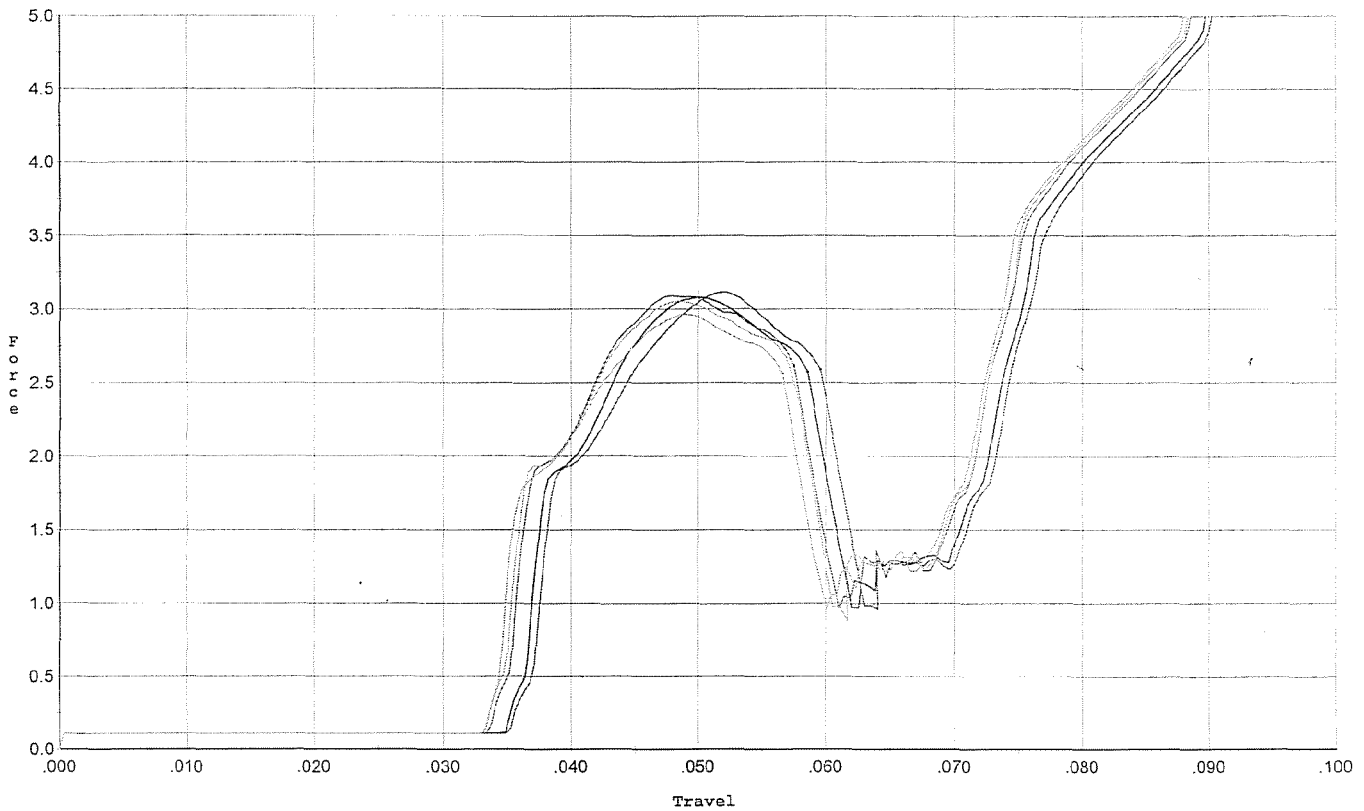
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.192	0.059	0.036	0.036	0.066		Set Trigger
2	3.134	0.061	0.036	0.036	0.068		Set Trigger
3	3.131	0.059	0.035	0.036	0.065		Set Trigger
4	3.160	0.059	0.035	0.036	0.066		Set Trigger
5	3.142	0.059	0.035	0.036	0.067		Set Trigger

AUG 315

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 2/21/07

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



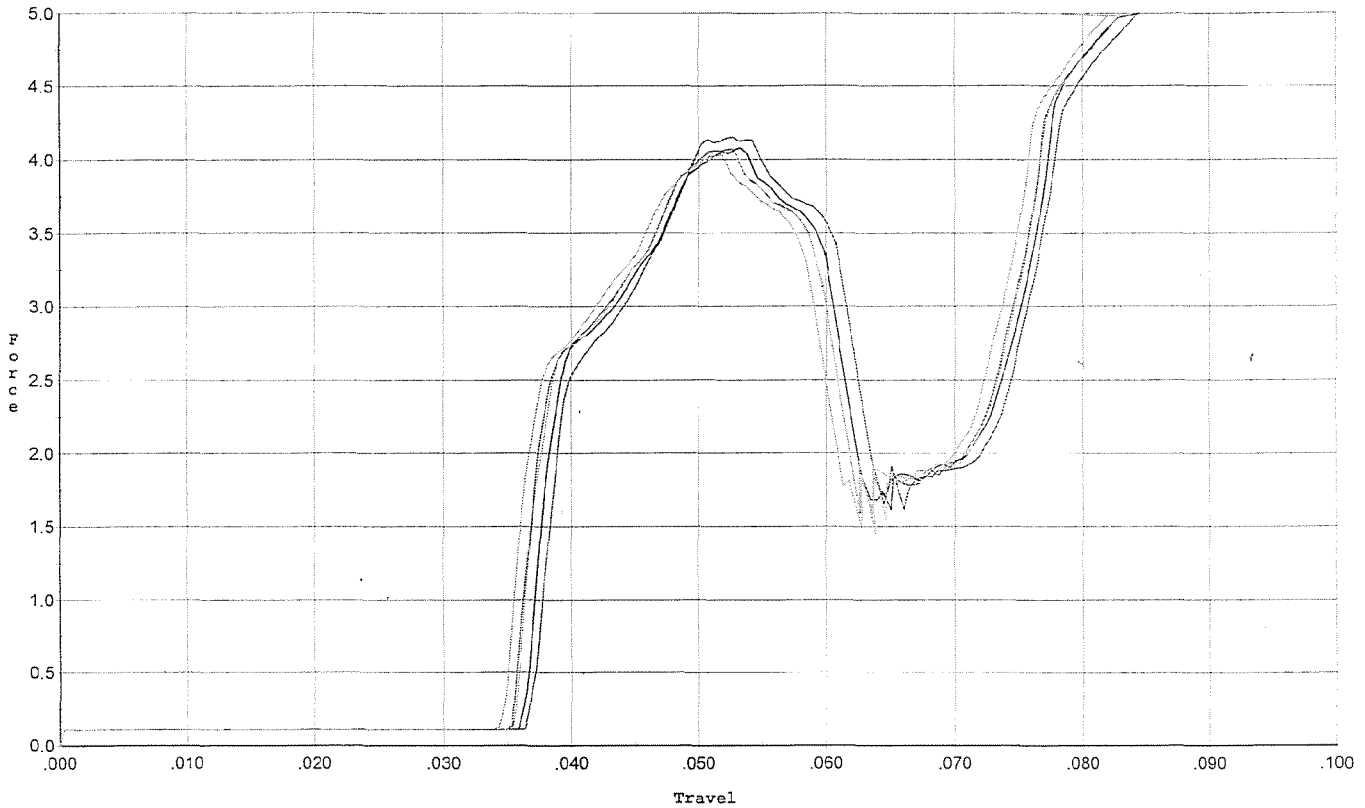
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.112	0.060	0.036	0.036	0.064		Set Trigger
2	3.080	0.059	0.035	0.036	0.063		Set Trigger
3	3.091	0.058	0.034	0.036	0.064		Set Trigger
4	3.057	0.058	0.034	0.035	0.064		Set Trigger
5	2.964	0.057	0.034	0.035	0.061		Set Trigger

Avg 3.06

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 2/21/07

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



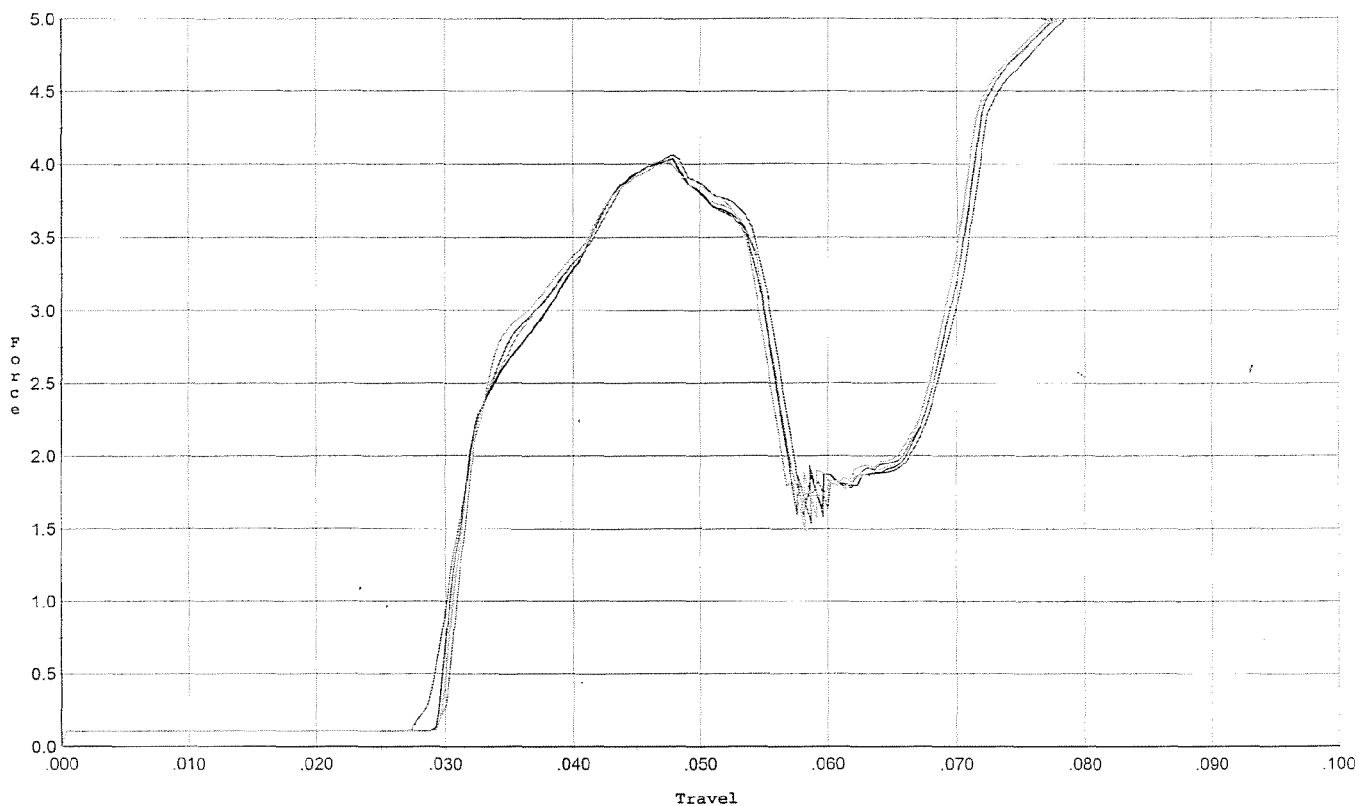
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.153	0.061	0.037	0.035	0.085		Set Trigger
2	4.081	0.060	0.036	0.035	0.083		Set Trigger
3	4.074	0.060	0.036	0.035	0.084		Set Trigger
4	4.071	0.060	0.036	0.035	0.084		Set Trigger
5	4.040	0.058	0.035	0.035	0.082		Set Trigger

Avg 4.08

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/21/07

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



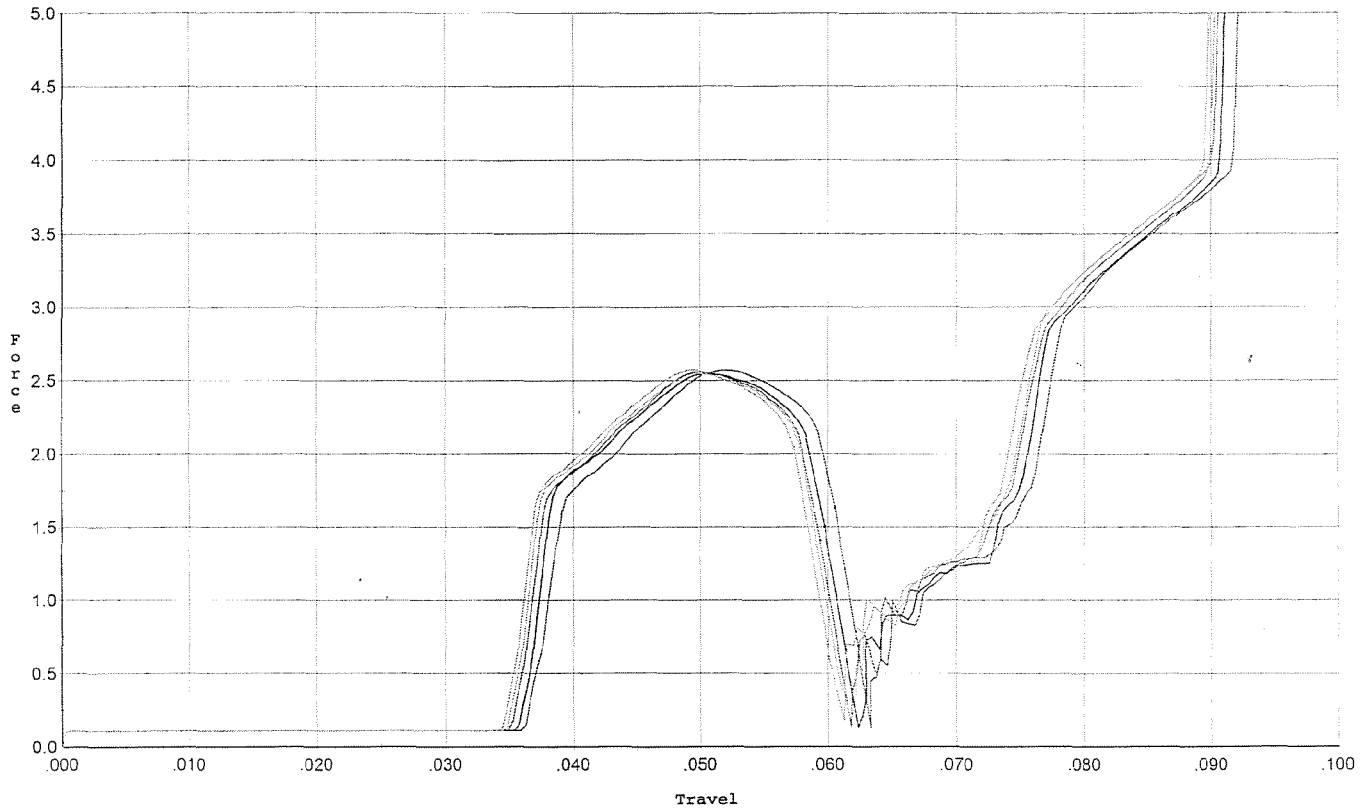
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.035	0.055	0.028	0.032	0.085		Set Trigger
2	4.040	0.054	0.030	0.032	0.084		Set Trigger
3	4.061	0.055	0.030	0.032	0.086		Set Trigger
4	4.015	0.054	0.030	0.032	0.084		Set Trigger
5	4.027	0.054	0.030	0.032	0.083		Set Trigger

Avg 4.03

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 2/21/07

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



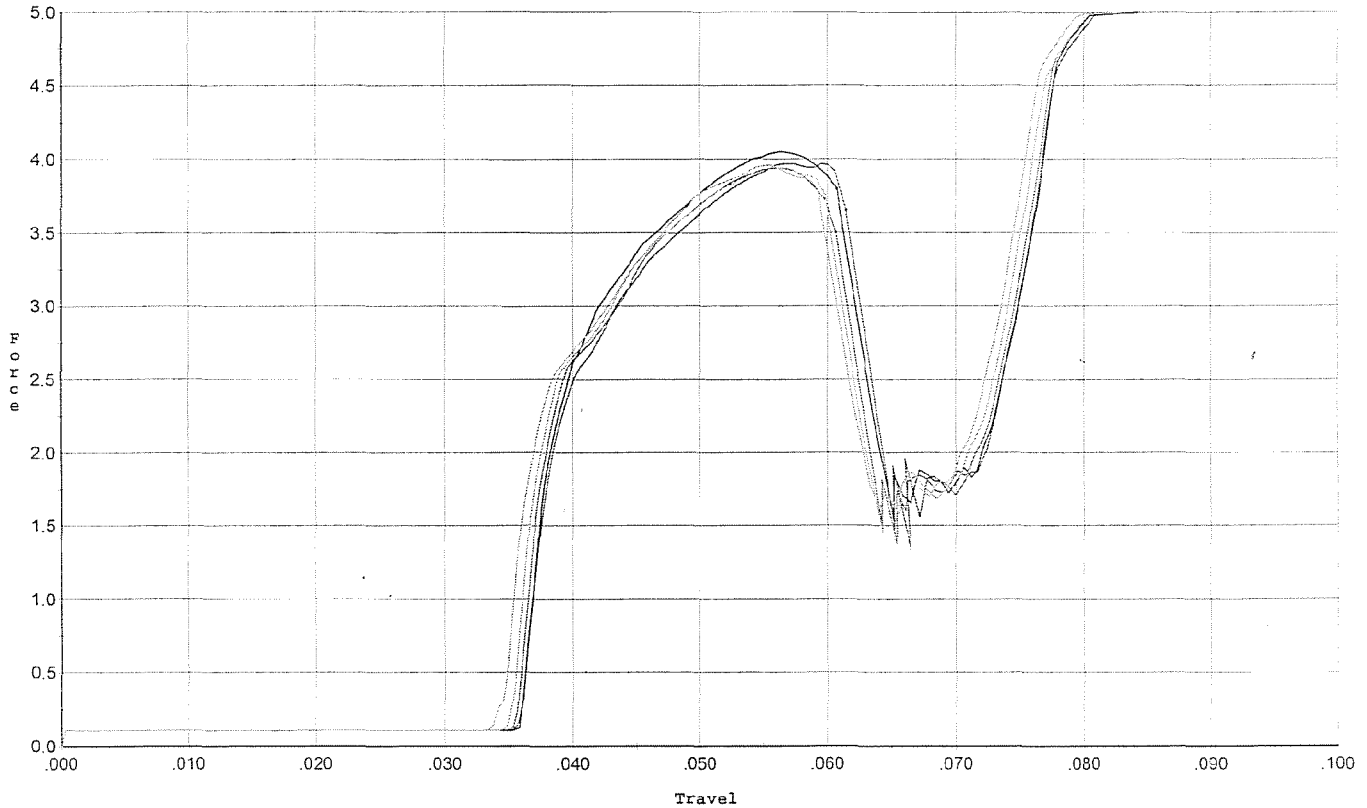
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.574	0.061	0.037	0.038	0.055		Set Trigger
2	2.549	0.060	0.036	0.037	0.054		Set Trigger
3	2.558	0.059	0.035	0.037	0.054		Set Trigger
4	2.550	0.058	0.035	0.037	0.053		Set Trigger
5	2.574	0.057	0.035	0.037	0.053		Set Trigger

AVG 2.56

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/21/07

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	3.969	0.061	0.036	0.033	0.089		Set Trigger
2	4.050	0.061	0.036	0.034	0.089		Set Trigger
3	3.940	0.061	0.036	0.034	0.087		Set Trigger
4	3.944	0.060	0.035	0.034	0.086		Set Trigger
5	3.961	0.059	0.034	0.034	0.086		Set Trigger

Avg 3.97

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6616273.__0

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

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.047
The Average Y Centroid of the Five Target Set:	0.026
The Average Point of Impact of the Five Target Set:	0.054
The Average Mean Radius of the Five Target Set:	0.660
The Distance from POA to Centroid Target #1:	0.141
The Distance from Centroid Target #2 to Centroid Target #1:	0.225
The Distance from Centroid Target #3 to Centroid Target #1:	0.070
The Distance from Centroid Target #4 to Centroid Target #1:	0.089
The Distance from Centroid Target #5 to Centroid Target #1:	0.235

BARBER - M24 0135791

SERIAL NUMBER: G6616273. 0

TARGET NUMBER: 1

FILE DATE: 02/23/2007

FILE TIME: 23:02

POINT#	X	Y
1:	-0.383	0.627
2:	0.788	0.063
3:	0.752	-0.132
4:	1.220	-0.021
5:	-0.297	-0.962
6:	-0.532	-0.331
7:	-0.288	-0.013
8:	0.044	-0.248
9:	0.022	0.127
10:	-0.109	0.181

X CENTROID: 0.122

Y CENTROID: -0.071

POA TO CENTROID: 0.141

HORZ SPREAD: 1.752

VERT SPREAD: 1.589

GROUP SPREAD: 1.785

MIN RADIUS: 0.193

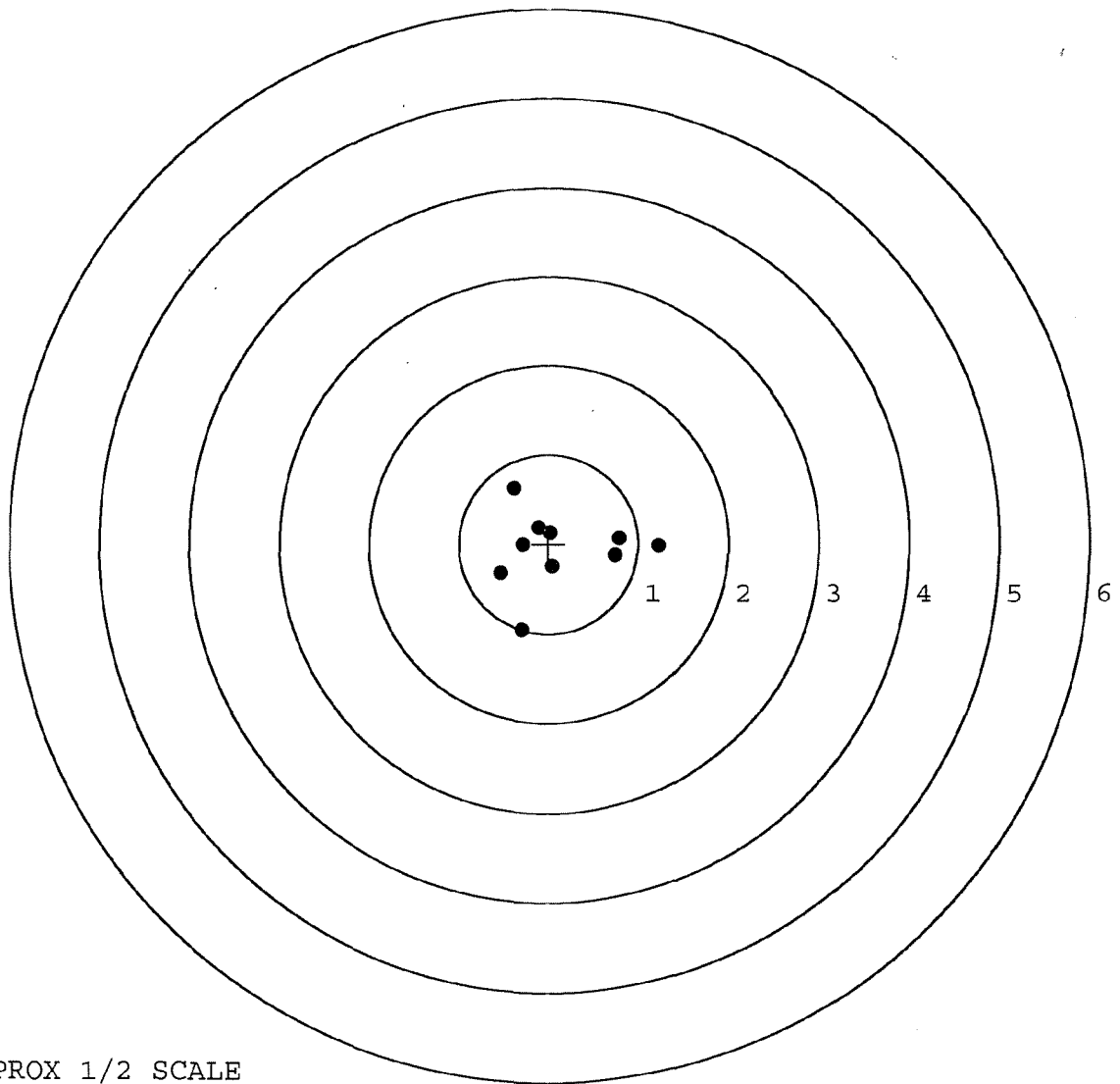
MAX RADIUS: 1.099

MEAN RADIUS: 0.613

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



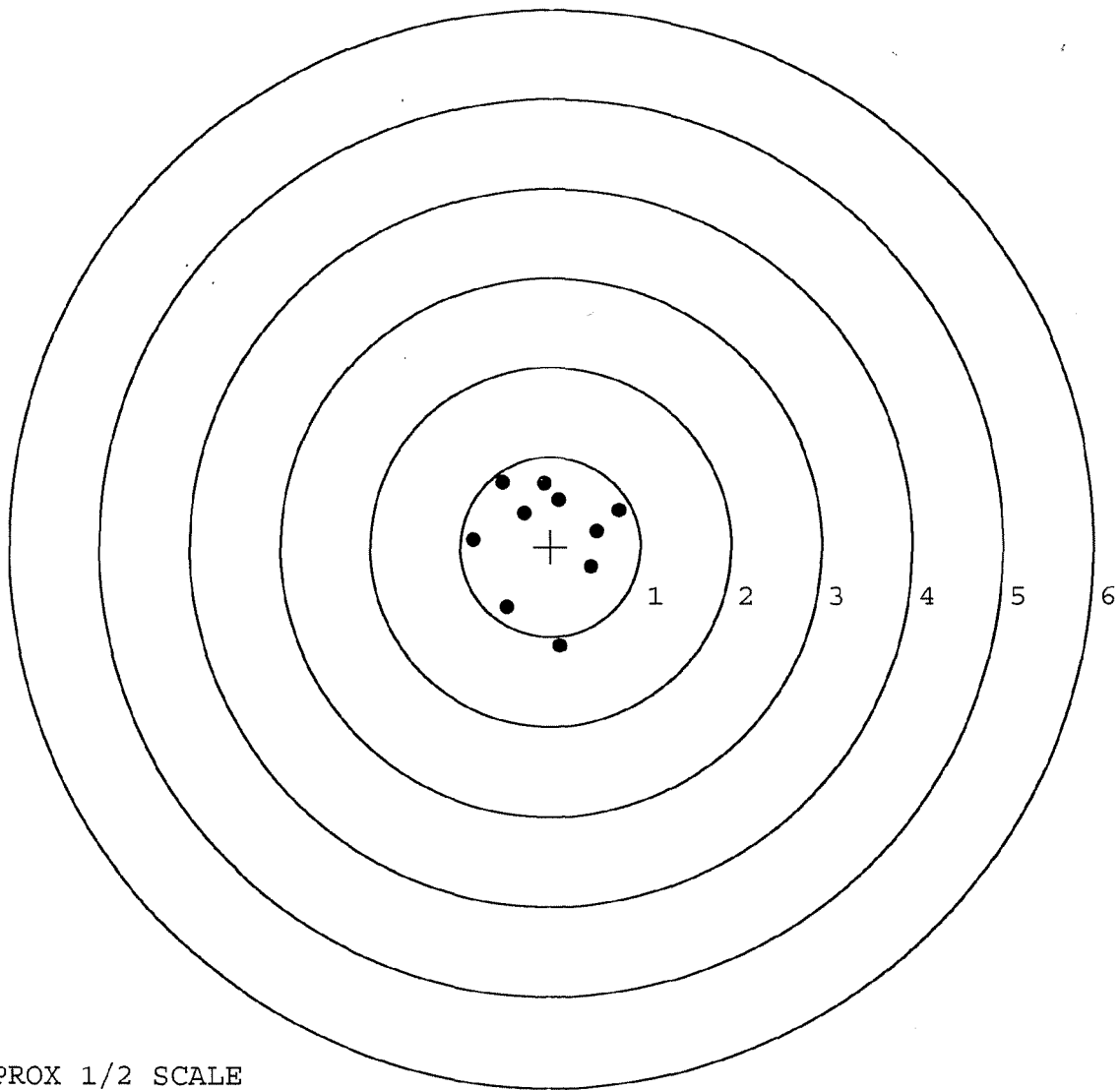
TARGET APPROX 1/2 SCALE

BARBER - M24 0135792

SERIAL NUMBER: G6616273. __0
 TARGET NUMBER: 2
 FILE DATE: 02/23/2007
 FILE TIME: 23:02

POINT#	X	Y
1:	-0.531	0.714
2:	-0.069	0.703
3:	0.097	0.519
4:	-0.292	0.368
5:	0.762	0.401
6:	0.515	0.174
7:	0.458	-0.222
8:	0.111	-1.108
9:	-0.481	-0.680
10:	-0.862	0.086

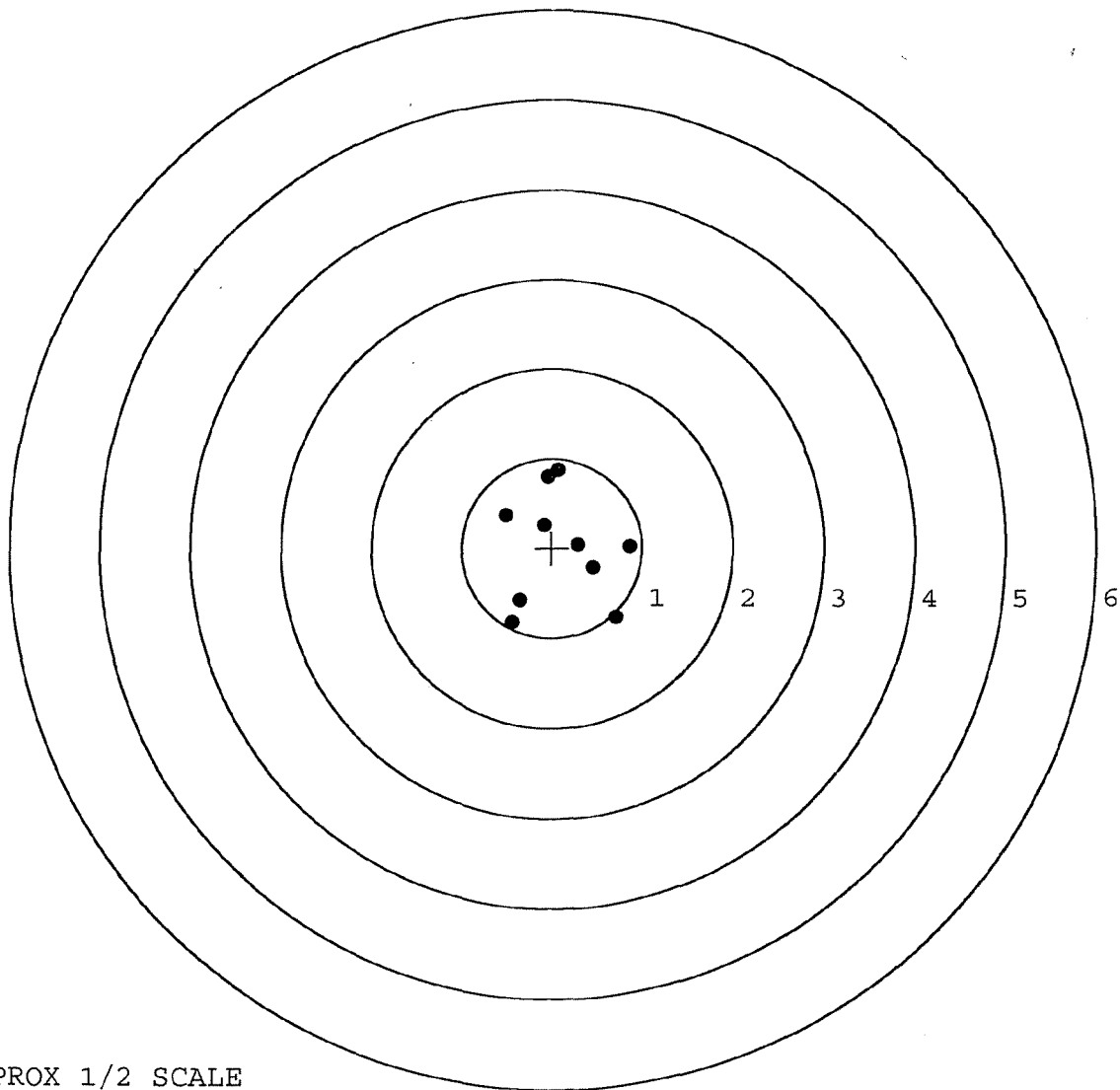
X CENTROID: -0.029
 Y CENTROID: 0.096
 POA TO CENTROID: 0.100
 HORZ SPREAD: 1.624
 VERT SPREAD: 1.822
 GROUP SPREAD: 1.932
 MIN RADIUS: 0.379
 MAX RADIUS: 1.212
 MEAN RADIUS: 0.715
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0135793

SERIAL NUMBER: G6616273. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	0.080	0.869
FILE DATE: 02/23/2007	2:	-0.045	0.797
FILE TIME: 23:02	3:	-0.511	0.368
	4:	-0.083	0.258
X CENTROID: 0.099	5:	0.292	0.044
Y CENTROID: -0.005	6:	0.466	-0.218
POA TO CENTROID: 0.099	7:	0.863	0.022
HORZ SPREAD: 1.374	8:	0.717	-0.771
VERT SPREAD: 1.702	9:	-0.435	-0.833
GROUP SPREAD: 1.778	10:	-0.352	-0.582
MIN RADIUS: 0.199			
MAX RADIUS: 0.986			
MEAN RADIUS: 0.681			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0135794

SERIAL NUMBER: G6616273. 0

TARGET NUMBER: 4

FILE DATE: 02/23/2007

FILE TIME: 23:02

POINT#	X	Y
1:	0.417	0.480
2:	0.525	0.752
3:	0.025	0.890
4:	-1.255	0.642
5:	-0.551	-0.066
6:	-0.254	-0.467
7:	-0.109	-0.842
8:	0.389	-0.100
9:	0.728	-0.244
10:	0.644	-1.159

X CENTROID: 0.056

Y CENTROID: -0.011

POA TO CENTROID: 0.057

HORZ SPREAD: 1.983

VERT SPREAD: 2.049

GROUP SPREAD: 2.617

MIN RADIUS: 0.345

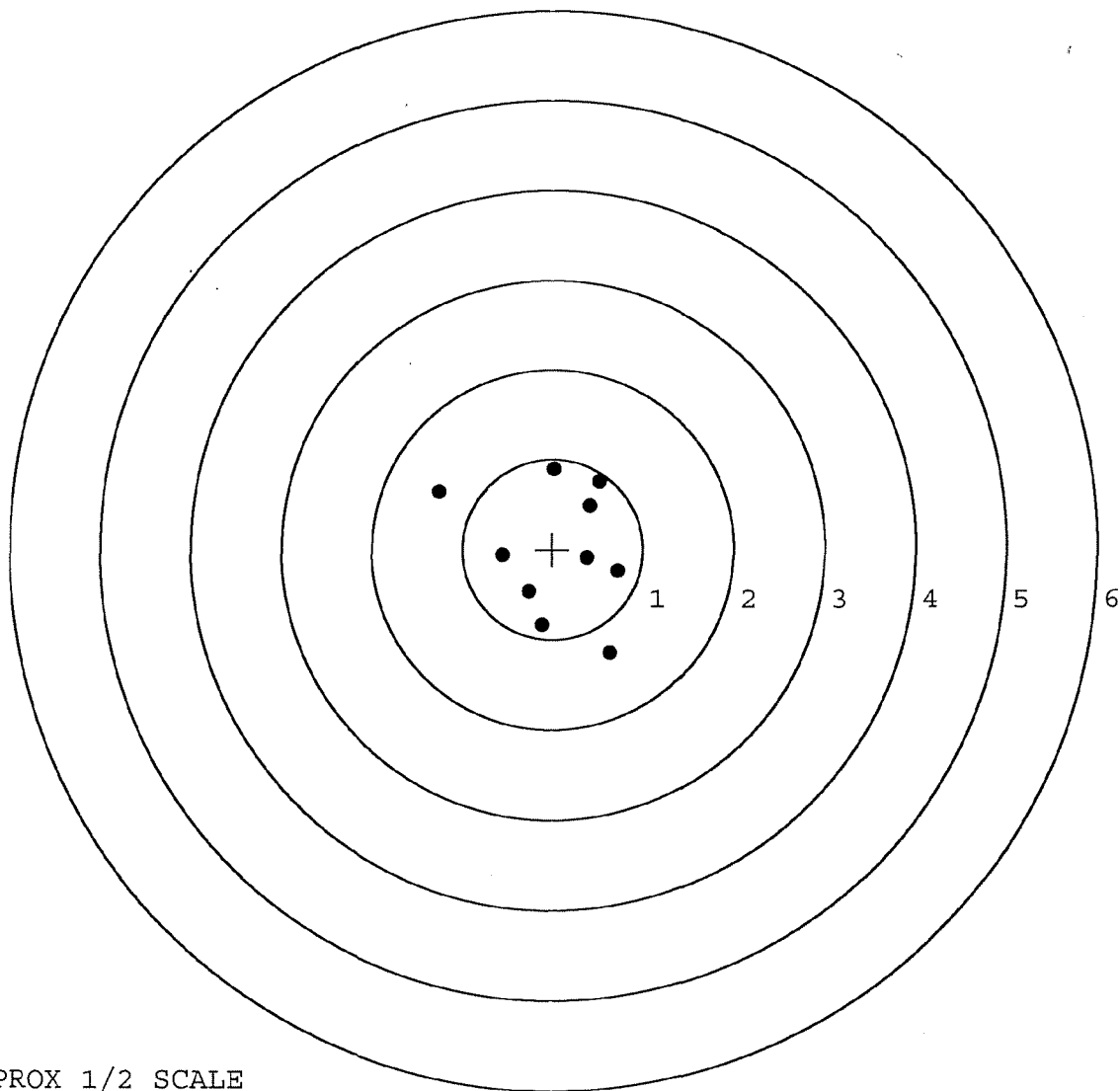
MAX RADIUS: 1.465

MEAN RADIUS: 0.823

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0135795

SERIAL NUMBER: G6616273. 0

TARGET NUMBER: 5

FILE DATE: 02/23/2007

FILE TIME: 23:02

POINT#	X	Y
1:	-0.072	0.430
2:	0.134	0.344
3:	-0.749	1.056
4:	0.764	-0.005
5:	-0.387	-0.414
6:	0.300	-0.353
7:	0.298	-0.045
8:	-0.070	-0.036
9:	-0.362	0.108
10:	0.033	0.146

X CENTROID: -0.011

Y CENTROID: 0.123

POA TO CENTROID: 0.124

HORZ SPREAD: 1.513

VERT SPREAD: 1.470

GROUP SPREAD: 1.848

MIN RADIUS: 0.050

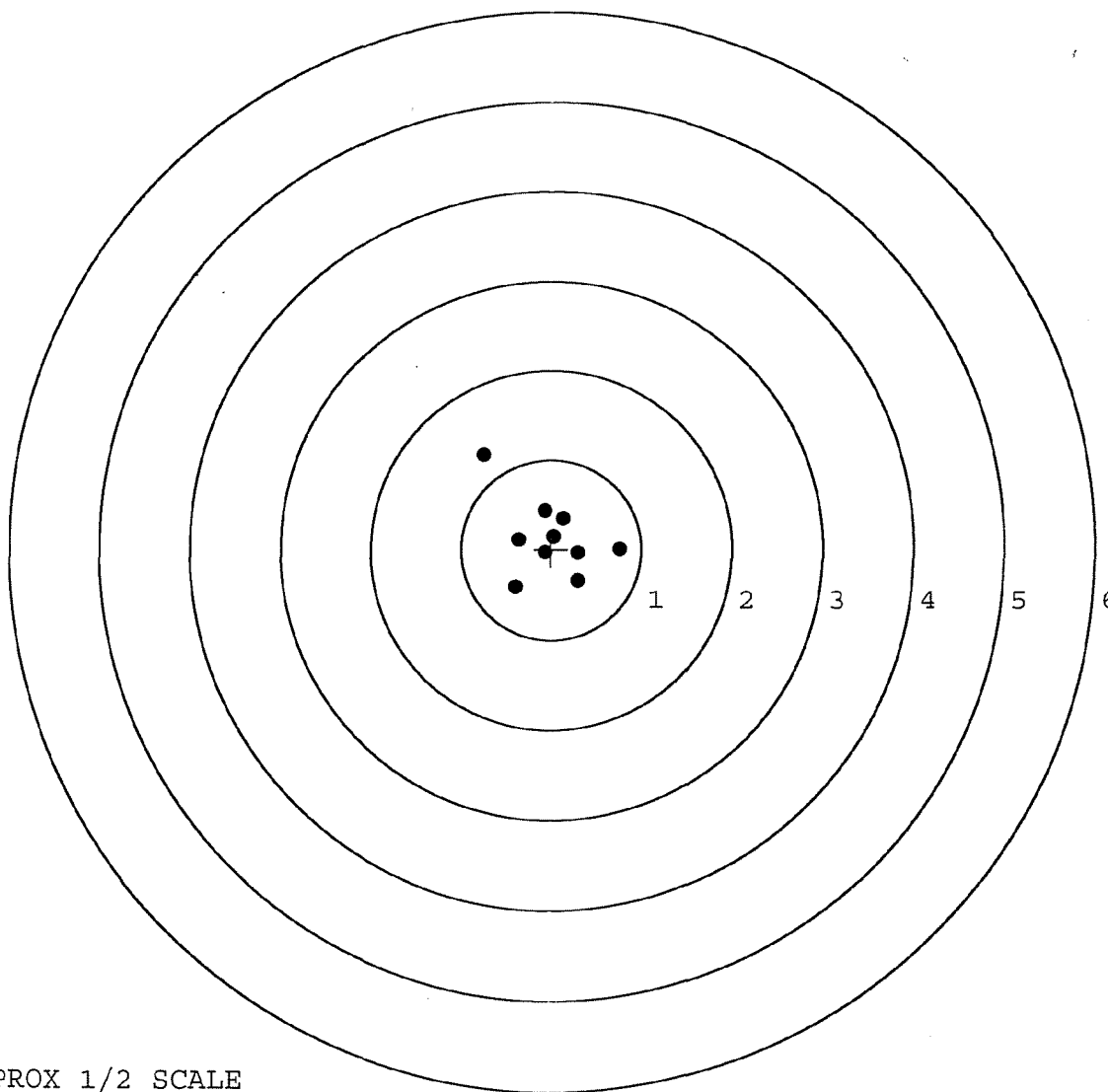
MAX RADIUS: 1.189

MEAN RADIUS: 0.470

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE