

G 662 3533

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

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



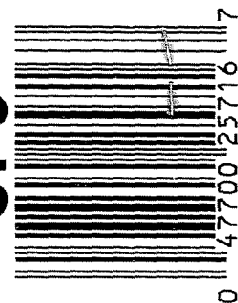
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6623533

UPC



DD FORM

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.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6623533

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-27-06	RTZ
420	ASSEMBLE ACTION		1-2-07	RTZ
430	ASSEMBLE TO STOCK		1-2-07	FM
440	PROOF		1-2-07	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	1-2-07	TRW
470	DIS-ASSEMBLE ACTION	JAN 05 2007	1-3-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	1-3-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		1-4-07	CW
510	DRILL AND TAP SIGHT HOLES		1-4-07	TRW
520	GOFF BLAST BBL / REC		1/5/07	RC
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		1/17/07	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1-19-07	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-19-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-19-07	SD
	D) OIL FIRING PIN ASSEMBLY		2-1-07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		2/7/07	man

F004 REV 5/2006

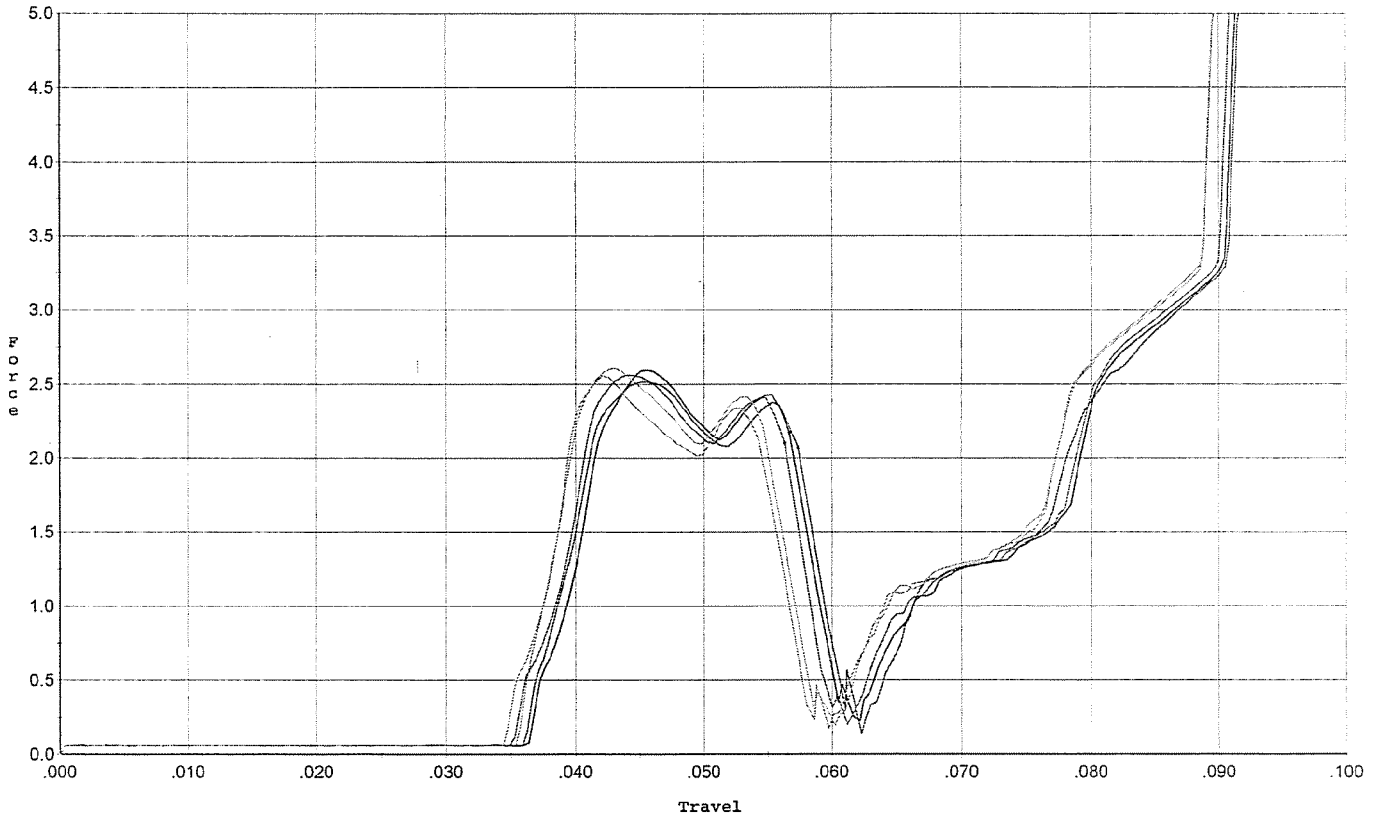
OP #	OPERATION NAME	BARBER - M249 40790	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>7.0</u> <u>7.0</u> <u>7.0</u>	2-8-07	TRW
CONT.					
	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.5</u> <u>2.0</u> <u>2.25</u>	2-8-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY			2/9/07	non
	I) FIRING PIN INDENT	.020 MIN	<u>.025</u> <u>.025</u> <u>.025</u>	2-8-07	TRW
	J) ASSEMBLE STOCK			2-1-07	SPD
	K) ASSEMBLE SWIVEL STUDS			2/9/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			2/9/07	non
	M) IRON SIGHT ALIGNMENT			2/9/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			2/9/07	non
640 & 650	FUNCTION TEST AND TARGET		<u>PASS</u> FAIL <u>PASS</u> FAIL	2/2/07	non
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
660	INSPECT FOR LIVE AMMO			2-2-07	SD
670	FINAL INSPECTION A) HEADSPACE			2/9/07	non
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.77</u> <u>2.77</u> <u>2.59</u> <u>2.60</u> <u>2.60</u>	2-5-07	TRW
	C) FUNCTION			2/9/07	non
690	PACK			2-20-07	RA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/04/07

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



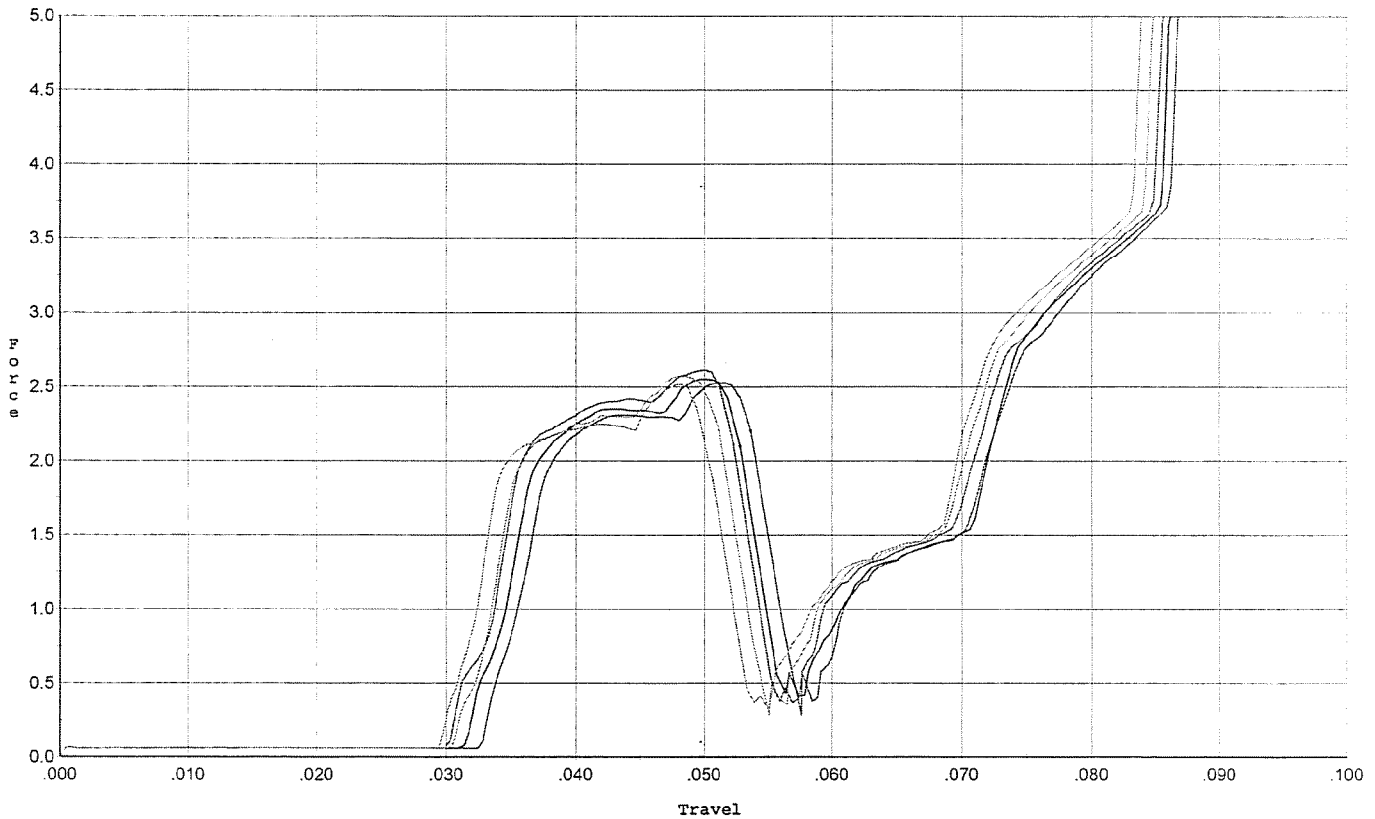
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.517	0.057	0.036	0.039	0.046		Set Trigger
2	2.596	0.057	0.037	0.039	0.044		Set Trigger
3	2.563	0.056	0.035	0.039	0.045		Set Trigger
4	2.608	0.057	0.035	0.039	0.046		Set Trigger
5	2.558	0.056	0.036	0.039	0.043		Set Trigger

Aug 2.56

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/04/07

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



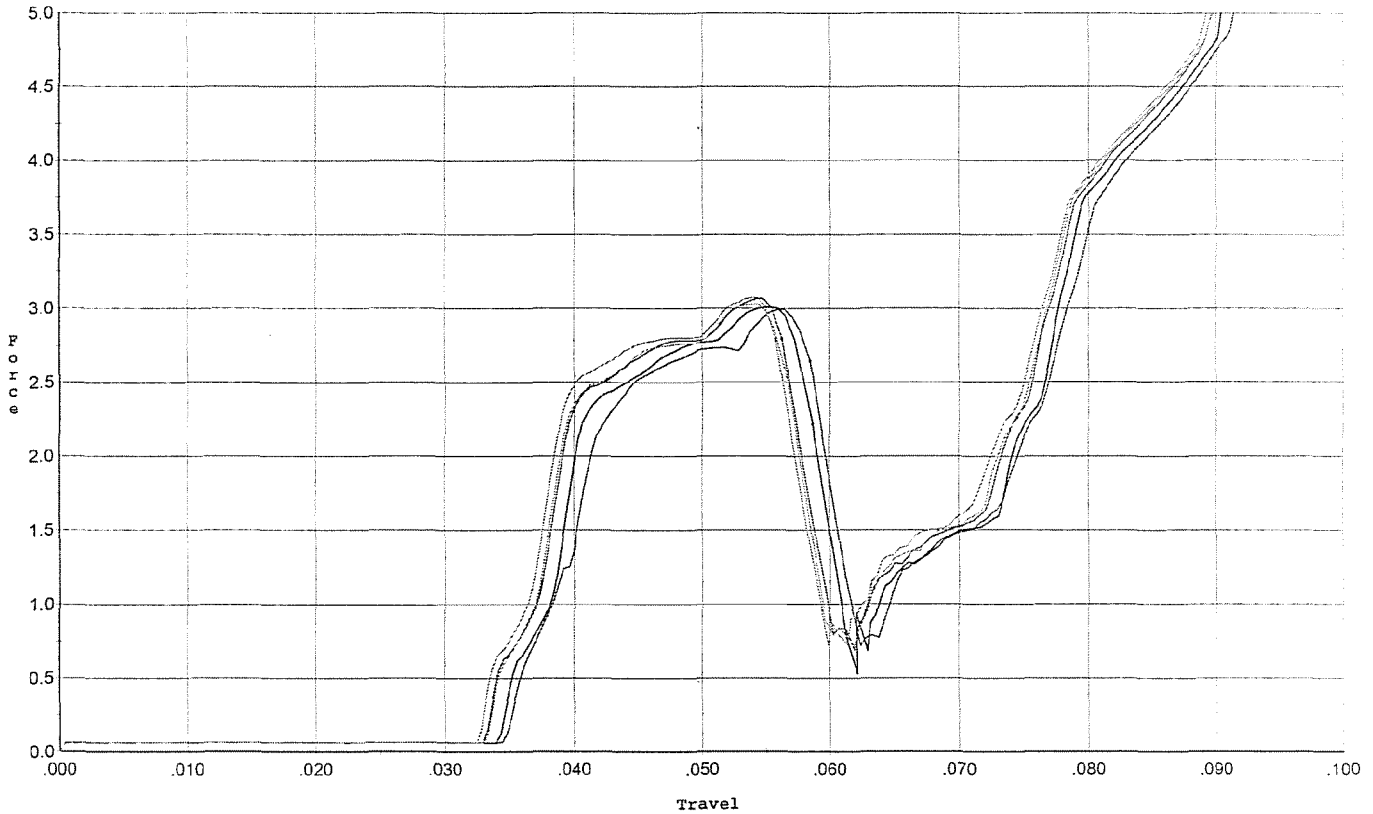
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.525	0.054	0.033	0.037	0.045		Set Trigger
2	2.550	0.053	0.032	0.037	0.046		Set Trigger
3	2.613	0.052	0.030	0.037	0.047		Set Trigger
4	2.571	0.051	0.031	0.037	0.044		Set Trigger
5	2.518	0.051	0.030	0.037	0.044		Set Trigger

AVG 2.55

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 1/04/07

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



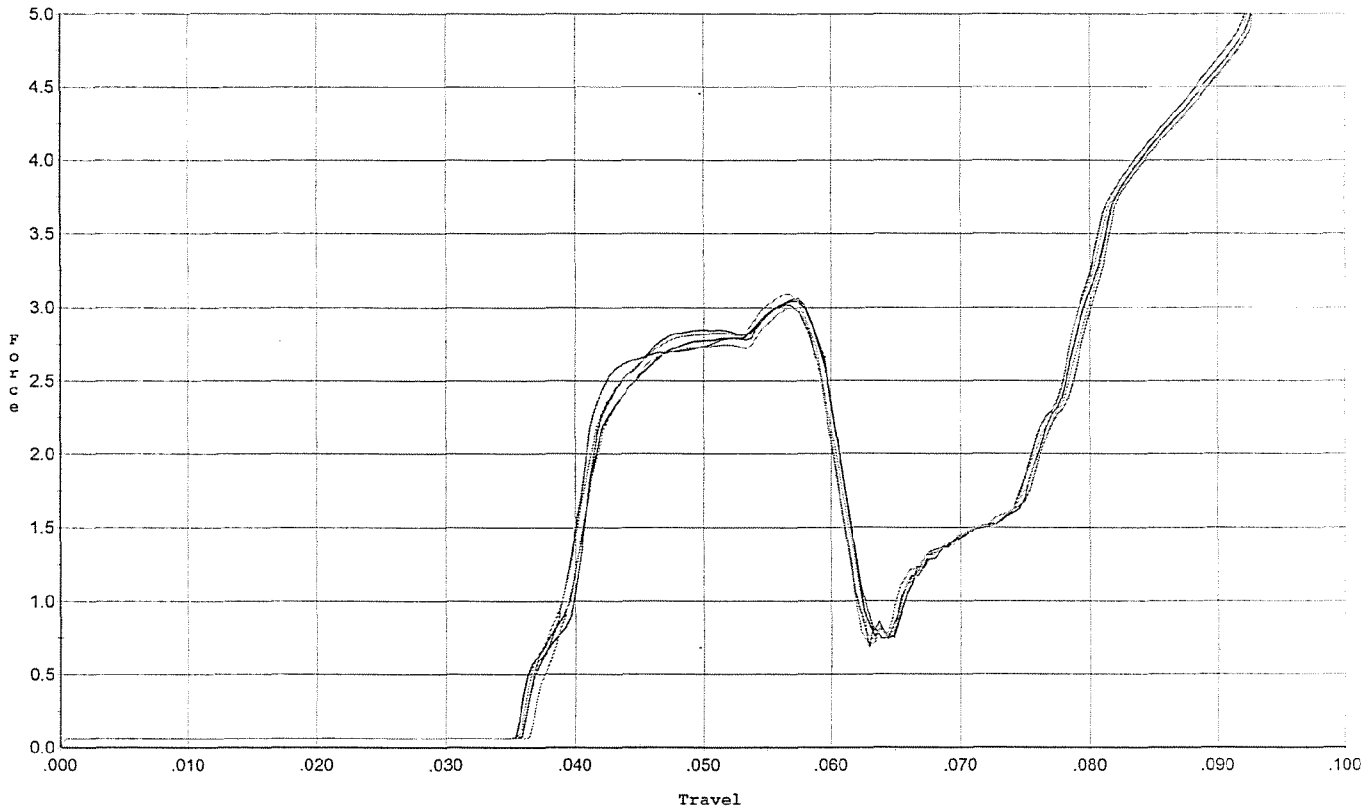
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.992	0.058	0.035	0.038	0.056		Set Trigger
2	3.007	0.059	0.034	0.037	0.058		Set Trigger
3	3.067	0.056	0.033	0.037	0.057		Set Trigger
4	3.027	0.057	0.033	0.037	0.057		Set Trigger
5	3.076	0.056	0.033	0.037	0.058		Set Trigger

Aug 3.03

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/04/07

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



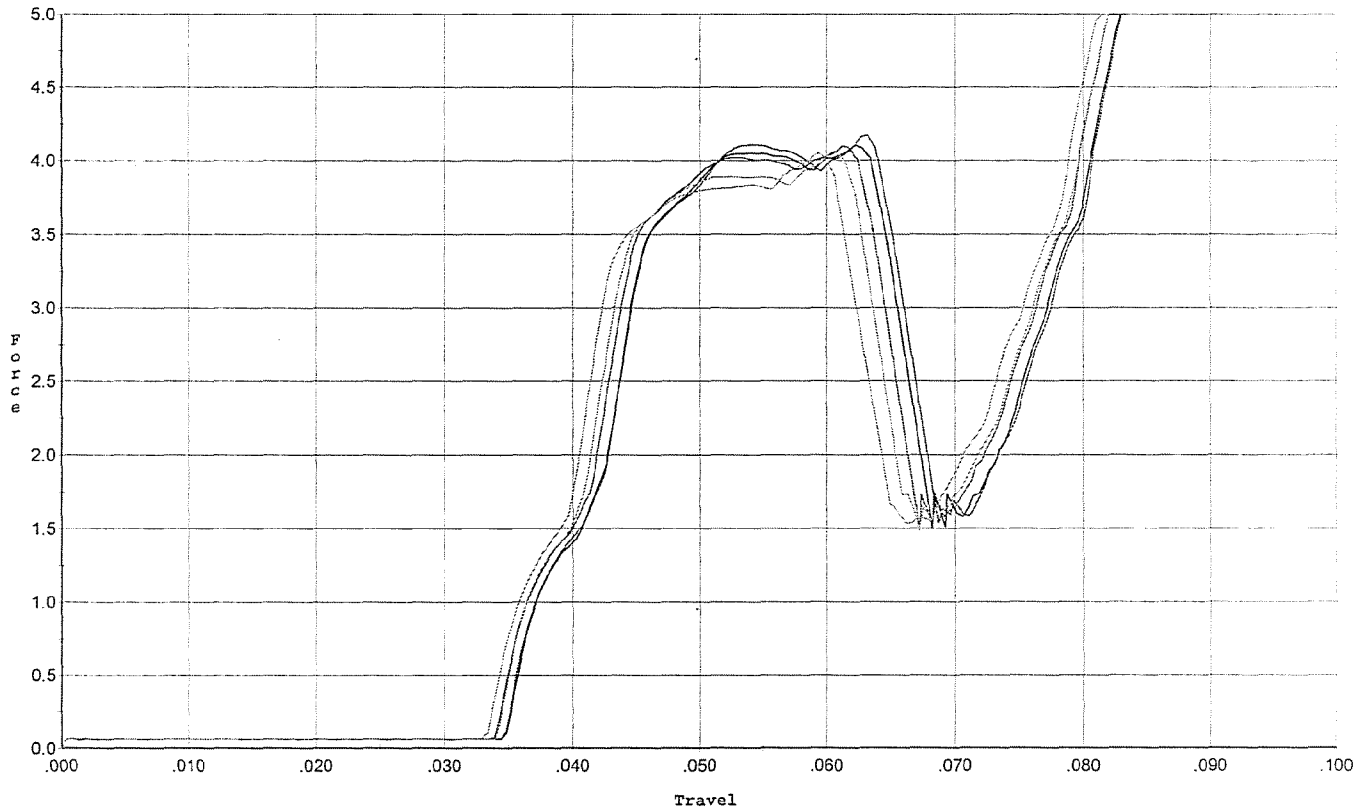
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.062	0.059	0.036	0.038	0.059		Set Trigger
2	3.045	0.060	0.036	0.038	0.059		Set Trigger
3	3.020	0.059	0.036	0.038	0.058		Set Trigger
4	2.998	0.061	0.037	0.038	0.058		Set Trigger
5	3.095	0.059	0.036	0.038	0.059		Set Trigger

AVG 3.04

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/04/07

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



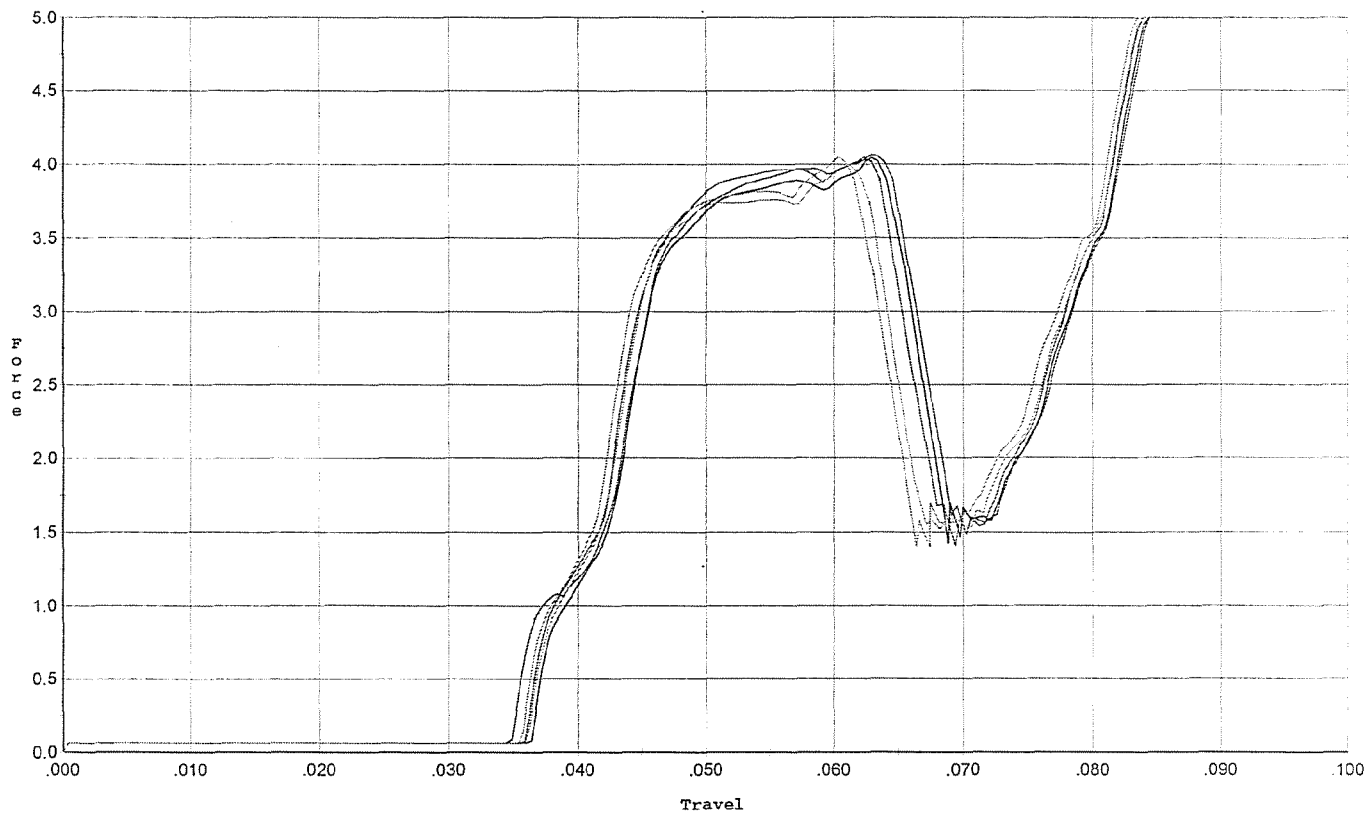
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.173	0.065	0.035	0.032	0.099		Set Trigger
2	4.106	0.065	0.035	0.032	0.097		Set Trigger
3	4.097	0.064	0.034	0.033	0.095		Set Trigger
4	4.064	0.062	0.034	0.034	0.091		Set Trigger
5	4.051	0.061	0.034	0.034	0.087		Set Trigger

Aug 4.09

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/04/07

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



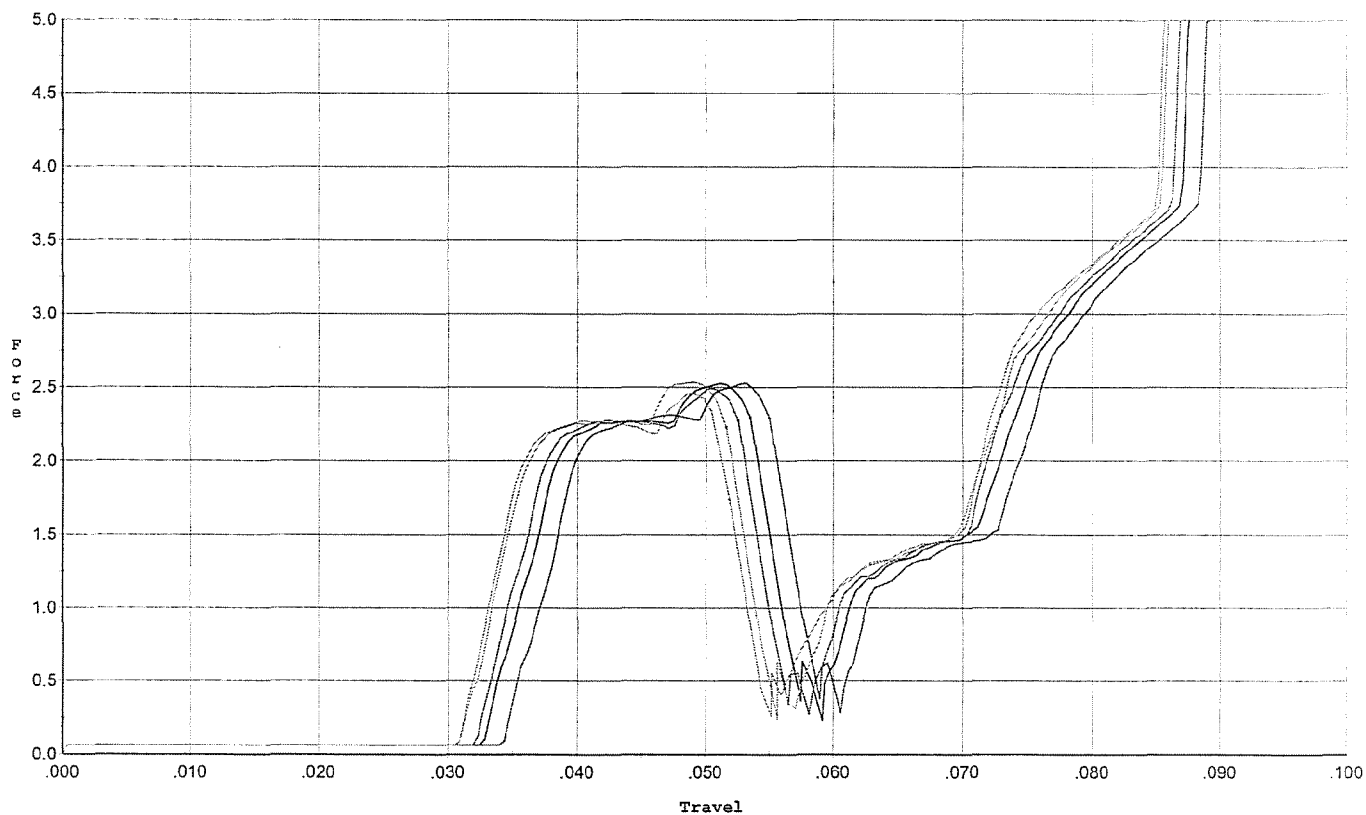
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.062	0.067	0.035	0.033	0.098		Set Trigger
2	4.043	0.065	0.037	0.033	0.092		Set Trigger
3	4.050	0.064	0.036	0.034	0.091		Set Trigger
4	4.002	0.063	0.036	0.034	0.086		Set Trigger
5	4.047	0.063	0.036	0.035	0.087		Set Trigger

Avg 4.04

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/04/07

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



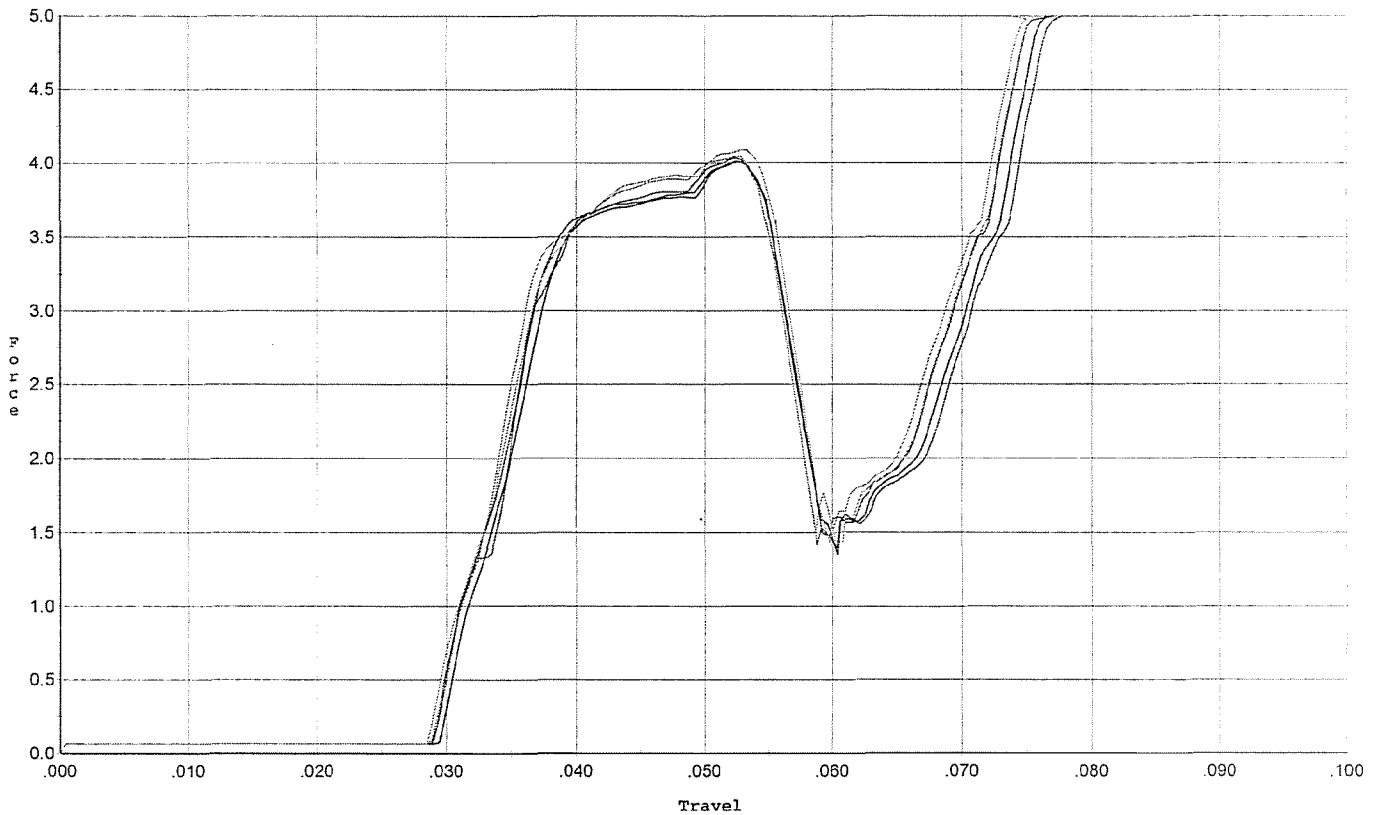
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.530	0.055	0.035	0.038	0.045		Set Trigger
2	2.528	0.054	0.033	0.038	0.045		Set Trigger
3	2.489	0.053	0.032	0.038	0.044		Set Trigger
4	2.535	0.052	0.031	0.038	0.045		Set Trigger
5	2.461	0.052	0.031	0.038	0.044		Set Trigger

Avg 2.50

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/04/07

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	4.015	0.057	0.029	0.033	0.087		Set Trigger
2	4.009	0.055	0.030	0.033	0.082		Set Trigger
3	4.039	0.055	0.029	0.032	0.085		Set Trigger
4	4.089	0.056	0.029	0.032	0.088		Set Trigger
5	4.046	0.055	0.029	0.032	0.086		Set Trigger

Avg 4.04

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6623533.___0
FILE DATE AND TIME: 02/02/2007 23:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.006
The Average Y Centroid of the Five Target Set:	-0.025
The Average Point of Impact of the Five Target Set:	0.026
The Average Mean Radius of the Five Target Set:	0.659
The Distance from POA to Centroid Target #1:	0.510
The Distance from Centroid Target #2 to Centroid Target #1:	0.582
The Distance from Centroid Target #3 to Centroid Target #1:	0.682
The Distance from Centroid Target #4 to Centroid Target #1:	0.475
The Distance from Centroid Target #5 to Centroid Target #1:	0.723

BARBER - M24 0140800

SERIAL NUMBER: G6623533. __0

TARGET NUMBER: 1

FILE DATE: 02/02/2007

FILE TIME: 23:13

POINT#	X	Y
1:	-0.683	0.623
2:	0.227	0.623
3:	-0.115	0.336
4:	-0.395	-0.037
5:	0.384	-0.007
6:	-0.176	-0.329
7:	0.157	-0.799
8:	-0.641	-0.838
9:	0.640	-1.603
10:	-0.979	-2.815

X CENTROID: -0.158

Y CENTROID: -0.485

POA TO CENTROID: 0.510

HORZ SPREAD: 1.619

VERT SPREAD: 3.438

GROUP SPREAD: 3.643

MIN RADIUS: 0.157

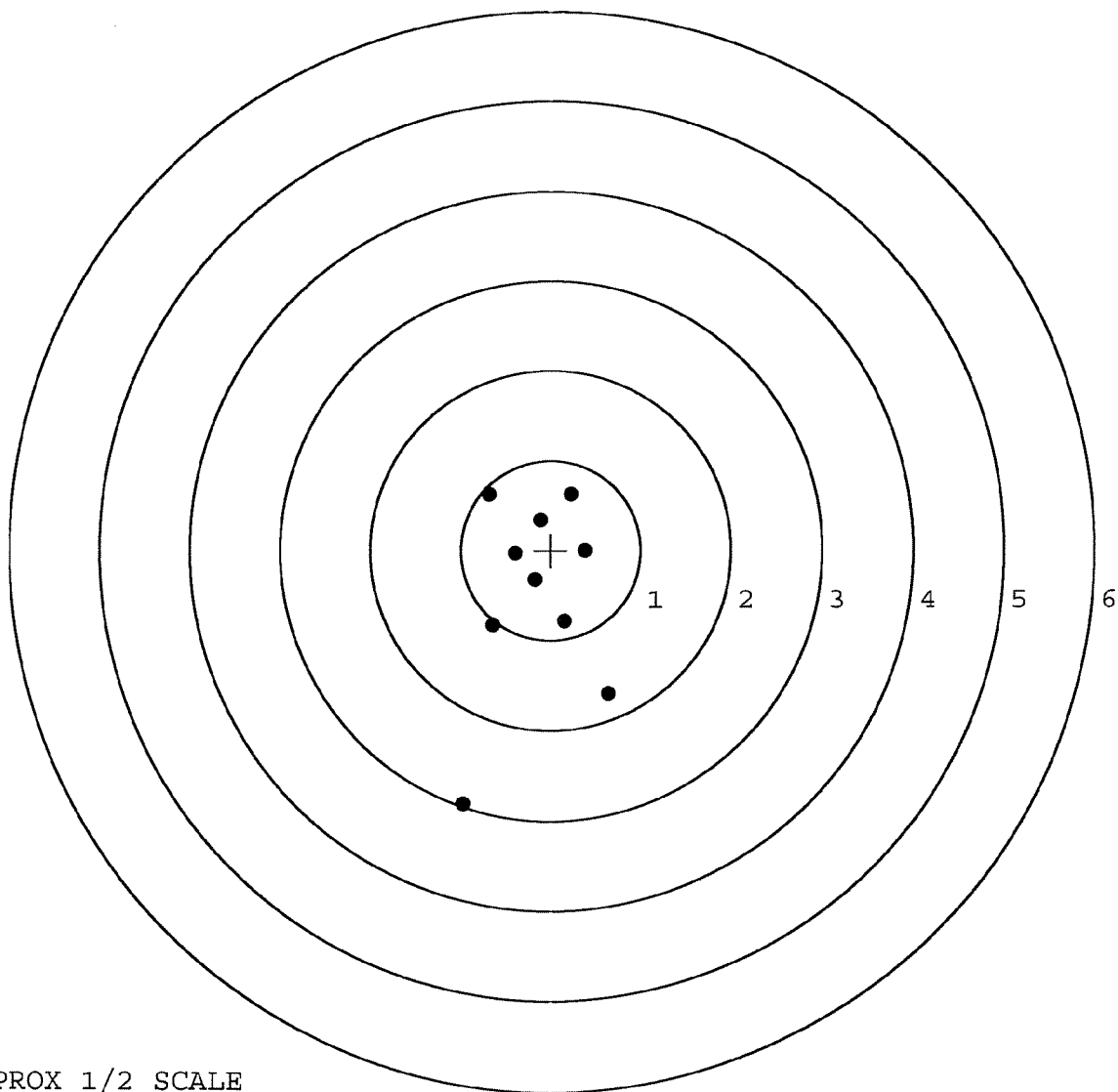
MAX RADIUS: 2.471

MEAN RADIUS: 0.949

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0140801

SERIAL NUMBER: G6623533. __0

TARGET NUMBER: 2

FILE DATE: 02/02/2007

FILE TIME: 23:13

POINT#	X	Y
1:	-0.278	0.867
2:	-0.554	0.404
3:	-0.345	-0.294
4:	-0.279	-0.016
5:	-0.051	-0.006
6:	0.168	0.258
7:	0.181	-0.052
8:	0.153	-0.488
9:	0.560	-0.446
10:	0.963	0.357

X CENTROID: 0.052

Y CENTROID: 0.058

POA TO CENTROID: 0.078

HORZ SPREAD: 1.517

VERT SPREAD: 1.355

GROUP SPREAD: 1.518

MIN RADIUS: 0.121

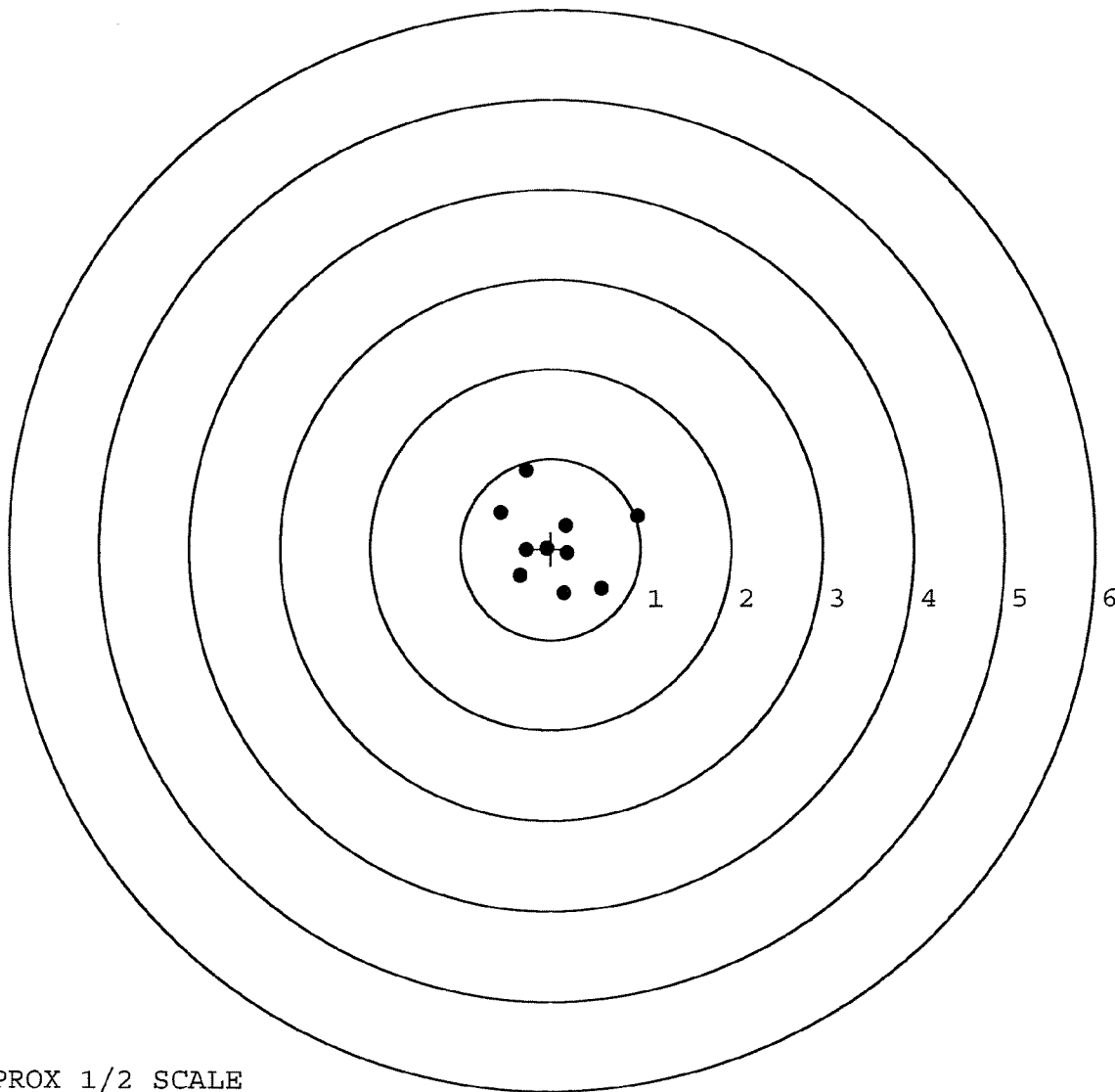
MAX RADIUS: 0.959

MEAN RADIUS: 0.519

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0140802

SERIAL NUMBER: G6623533. __0

TARGET NUMBER: 3

FILE DATE: 02/02/2007

FILE TIME: 23:13

POINT#	X	Y
1:	-0.190	1.419
2:	-0.342	0.386
3:	-0.152	0.510
4:	-0.036	0.193
5:	0.101	0.373
6:	0.144	0.659
7:	-0.312	-0.159
8:	-0.061	-0.351
9:	0.212	-0.169
10:	0.137	-0.969

X CENTROID: -0.050

Y CENTROID: 0.189

POA TO CENTROID: 0.196

HORZ SPREAD: 0.554

VERT SPREAD: 2.388

GROUP SPREAD: 2.410

MIN RADIUS: 0.014

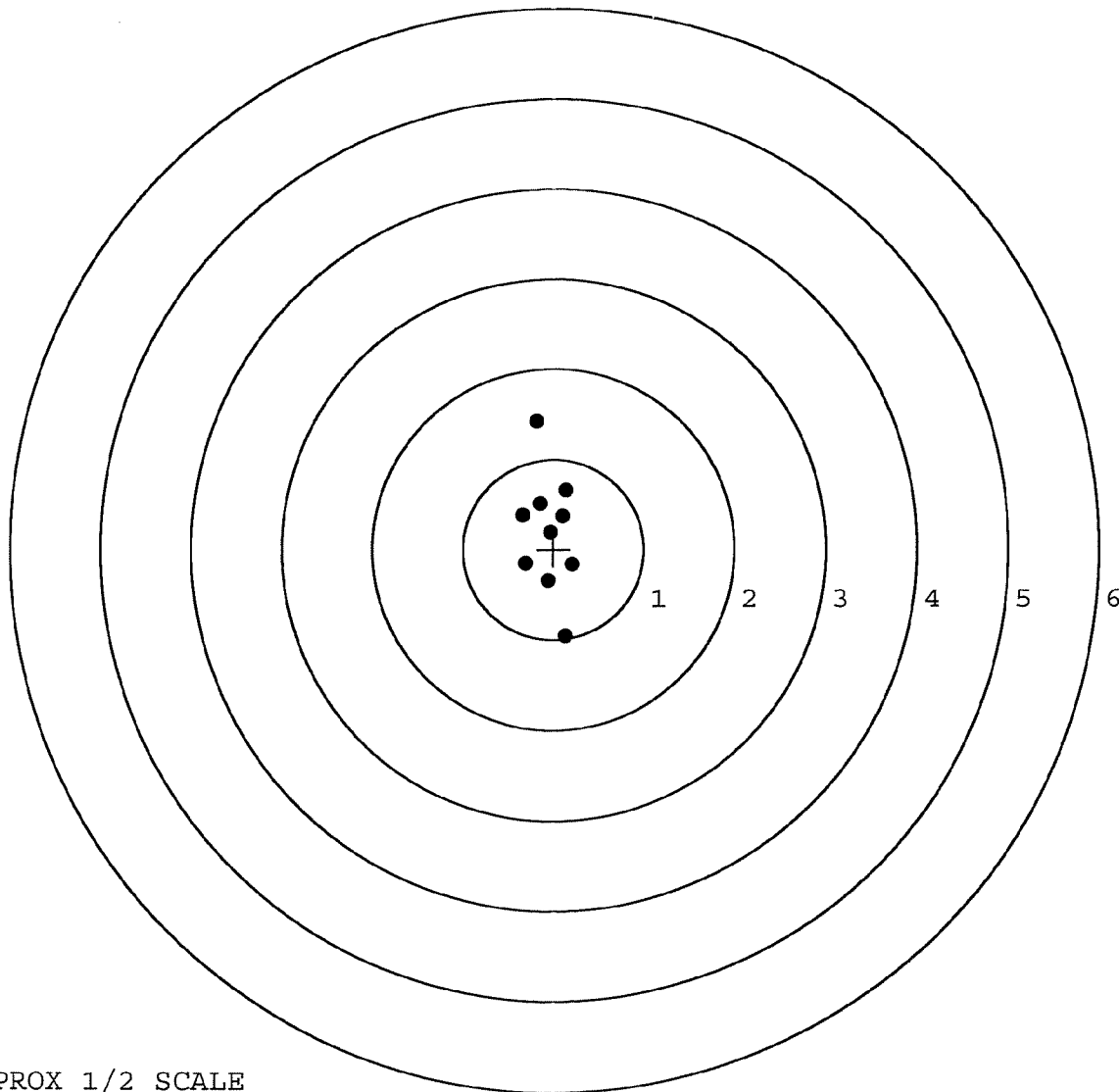
MAX RADIUS: 1.238

MEAN RADIUS: 0.528

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



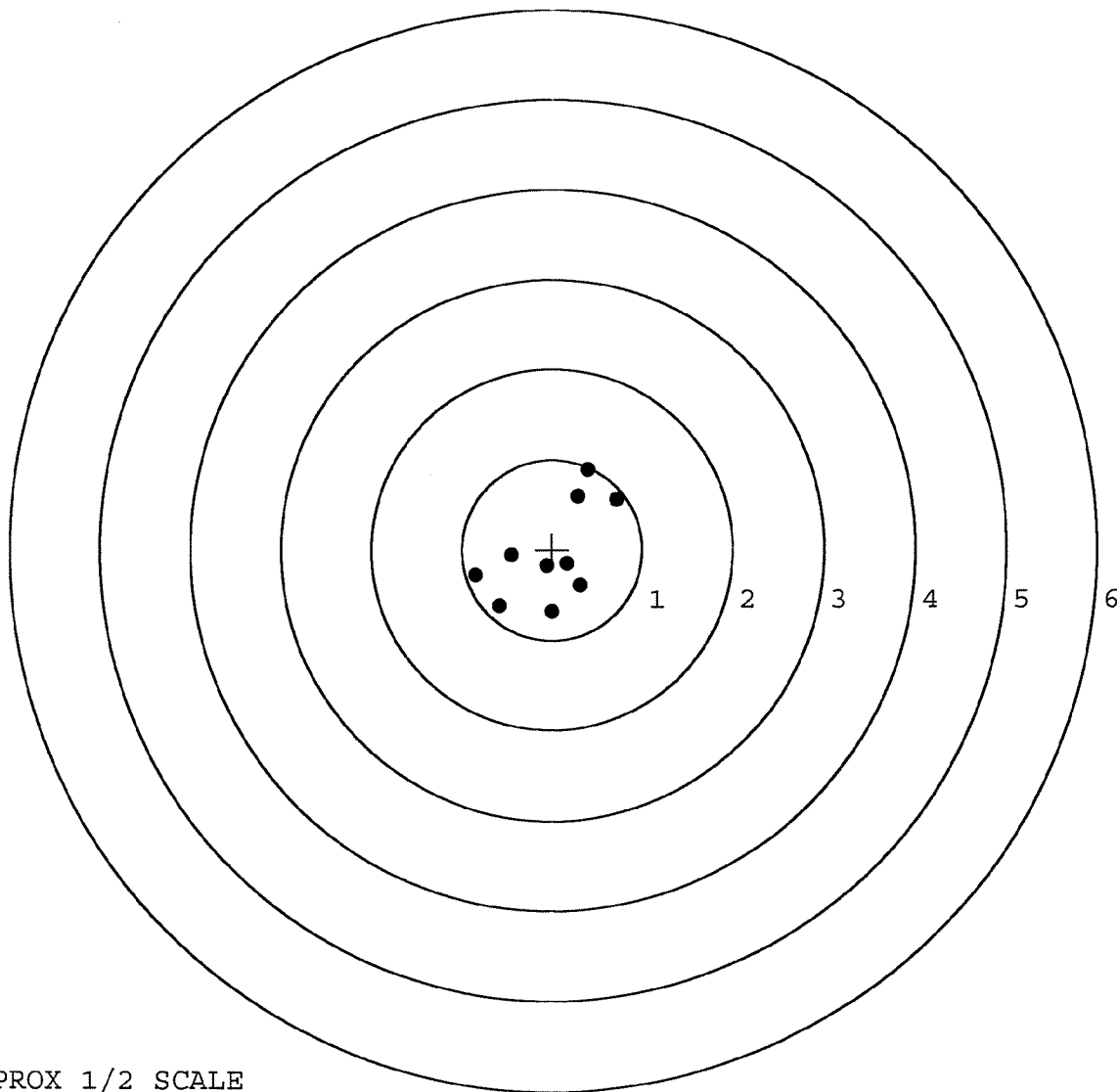
TARGET APPROX 1/2 SCALE

BARBER - M24 0140803

SERIAL NUMBER: G6623533. __ 0
 TARGET NUMBER: 4
 FILE DATE: 02/02/2007
 FILE TIME: 23:13

POINT#	X	Y
1:	0.394	0.889
2:	0.290	0.597
3:	0.716	0.560
4:	-0.848	-0.283
5:	-0.448	-0.062
6:	-0.065	-0.183
7:	0.170	-0.159
8:	0.319	-0.394
9:	-0.003	-0.687
10:	-0.585	-0.620

X CENTROID: -0.006
 Y CENTROID: -0.034
 POA TO CENTROID: 0.035
 HORZ SPREAD: 1.564
 VERT SPREAD: 1.576
 GROUP SPREAD: 1.799
 MIN RADIUS: 0.160
 MAX RADIUS: 1.006
 MEAN RADIUS: 0.630
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0140804

SERIAL NUMBER: G6623533. __0

TARGET NUMBER: 5

FILE DATE: 02/02/2007

FILE TIME: 23:13

POINT#	X	Y
1:	0.562	0.631
2:	0.905	0.707
3:	1.030	-0.154
4:	0.277	-0.167
5:	0.107	-0.336
6:	-0.184	-0.024
7:	-0.362	0.154
8:	-0.655	0.245
9:	-0.536	-0.280
10:	0.801	0.692

X CENTROID: 0.194

Y CENTROID: 0.147

POA TO CENTROID: 0.244

HORZ SPREAD: 1.685

VERT SPREAD: 1.043

GROUP SPREAD: 1.747

MIN RADIUS: 0.324

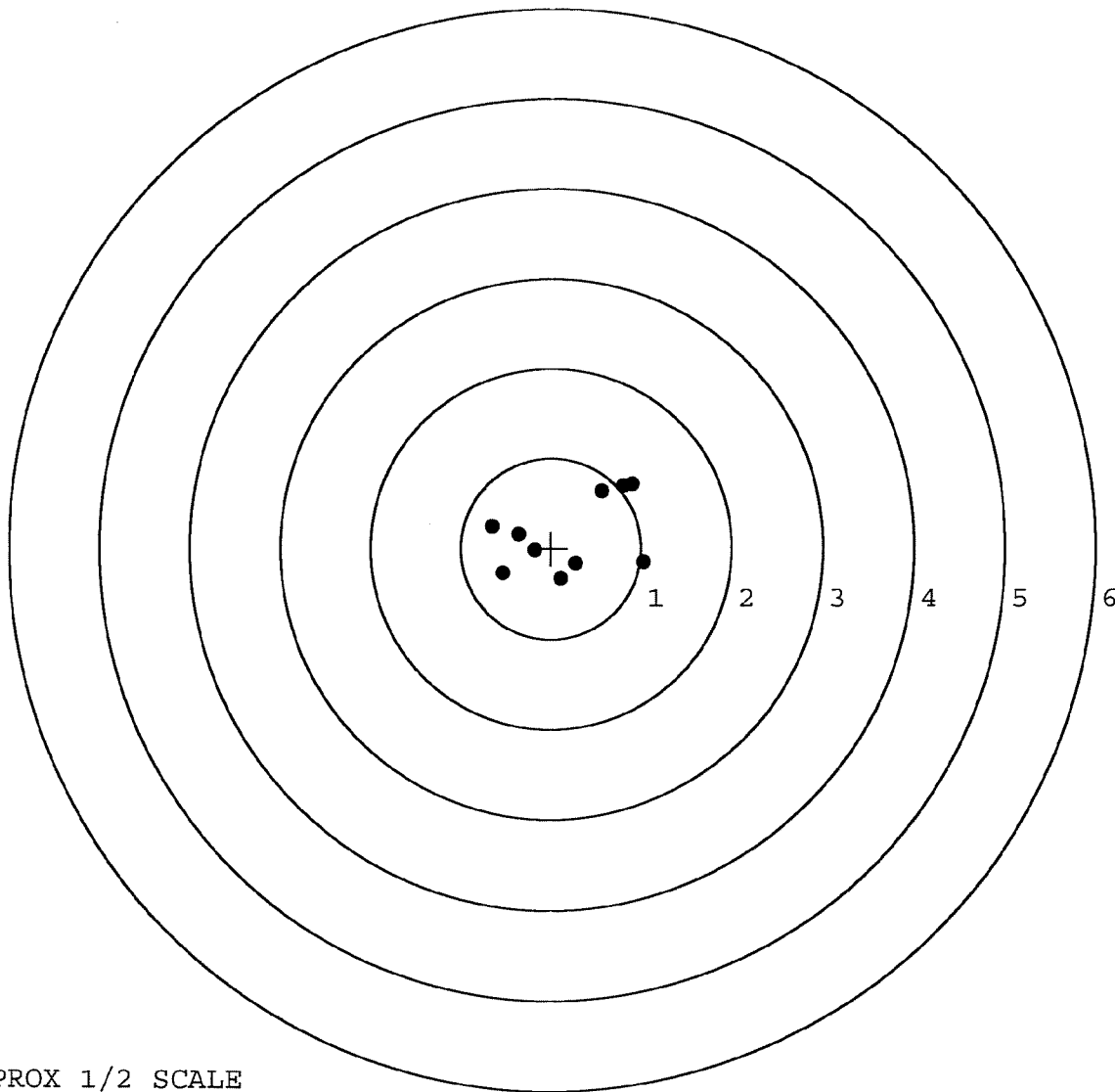
MAX RADIUS: 0.905

MEAN RADIUS: 0.670

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE