

G 663 7690

ORDER 25716

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

UPC



0 47700 25716 7

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UPC



0 47700 25716 7

SERIAL NO.

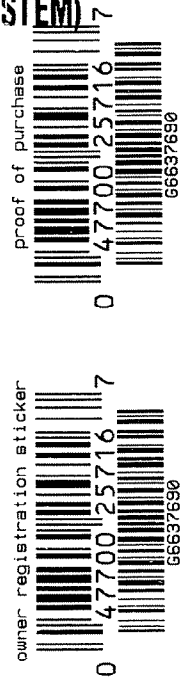


66637690

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

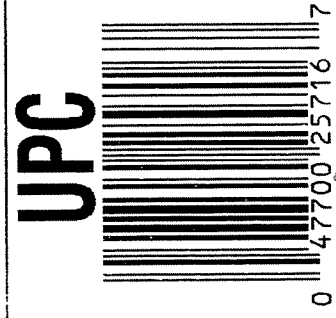
- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6637690



GUN SERIAL # G663 7690

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-5-07	RTZ
420	ASSEMBLE ACTION		3-5-07	RTZ
430	ASSEMBLE TO STOCK		3-7-07	TRW
440	PROOF		3-7-07	FM
460	CHECK HEADSPACE	INSPECTED	3-7-07	FM
470	DIS-ASSEMBLE ACTION	MAR 08 2007	3-7-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	3-8-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-8-07	CW
510	DRILL AND TAP SIGHT HOLES		3-7-07	SD
520	GOFF BLAST BBL / REC		3-8-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-12-07	WJ
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3-13-07	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-13-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-13-07	SD
	D) OIL FIRING PIN ASSEMBLY		3-13-07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		3-16-07	mmh
F004 REV 5/2006				

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.0</u> <u>7.0</u> <u>6.5</u>	3-15-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.25</u> <u>3.25</u> <u>3.5</u>	3-15-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		3-16-07	non
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.0235</u> <u>.024</u>	3-15-07	TRW
	J) ASSEMBLE STOCK		3-13-07	SP.D.
	K) ASSEMBLE SWIVEL STUDS		3-16-07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		3-16-07	non
	M) IRON SIGHT ALIGNMENT		3-16-07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		3-16-07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	3/14/07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		3-14-07	SD
670	FINAL INSPECTION A) HEADSPACE		3-16-07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.74</u> <u>2.67</u> <u>2.66</u> <u>2.74</u> <u>2.61</u>	3-15-07	TRW
	C) FUNCTION		3-16-07	non
690	PACK		3/22/07	DA

F004 REV 5/2006

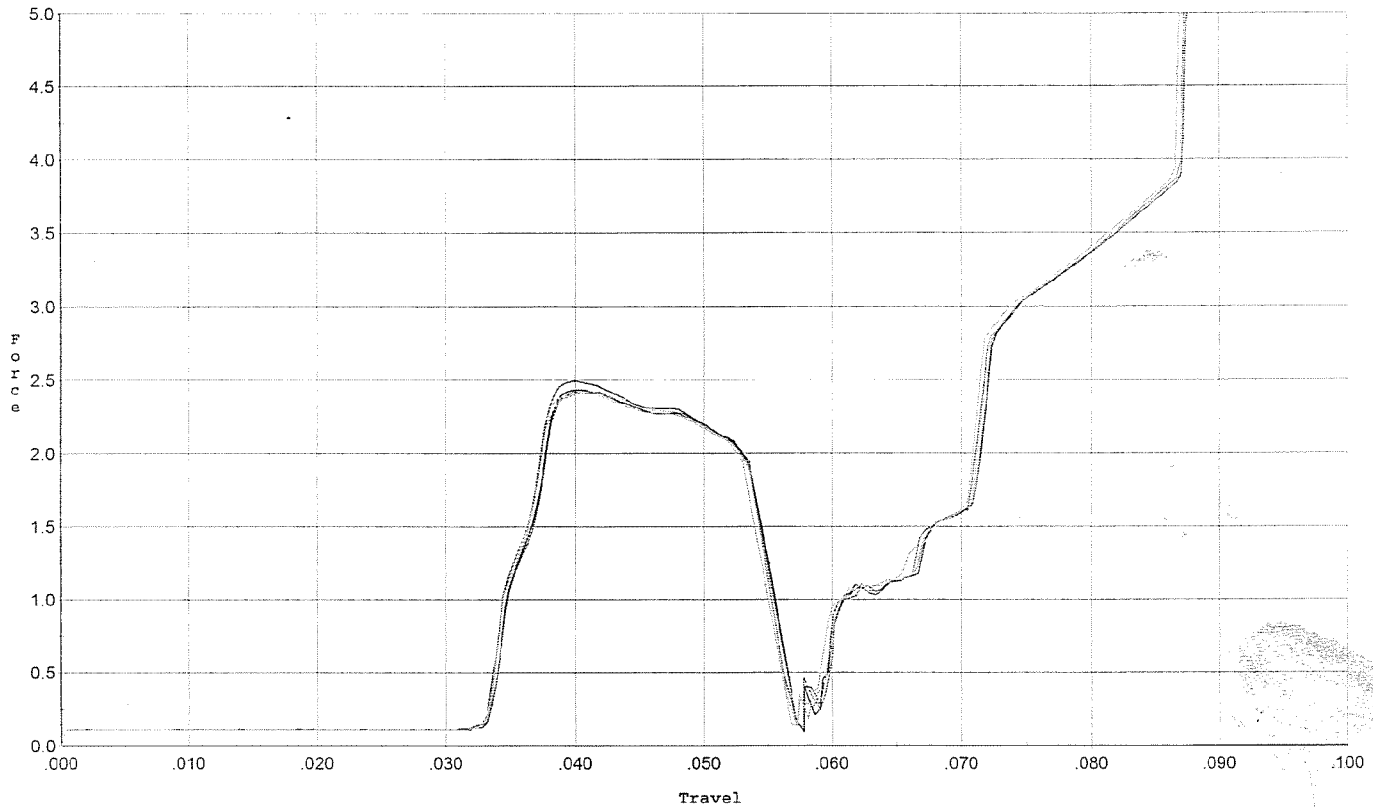
GUN SERIAL # G663 7690

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460	CHECK HEADSPACE	INSPECTED	3-7-07	FM
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490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-8-07	CW
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	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		3-16-07	mmh
F004 REV 5/2006				

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/01/07

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



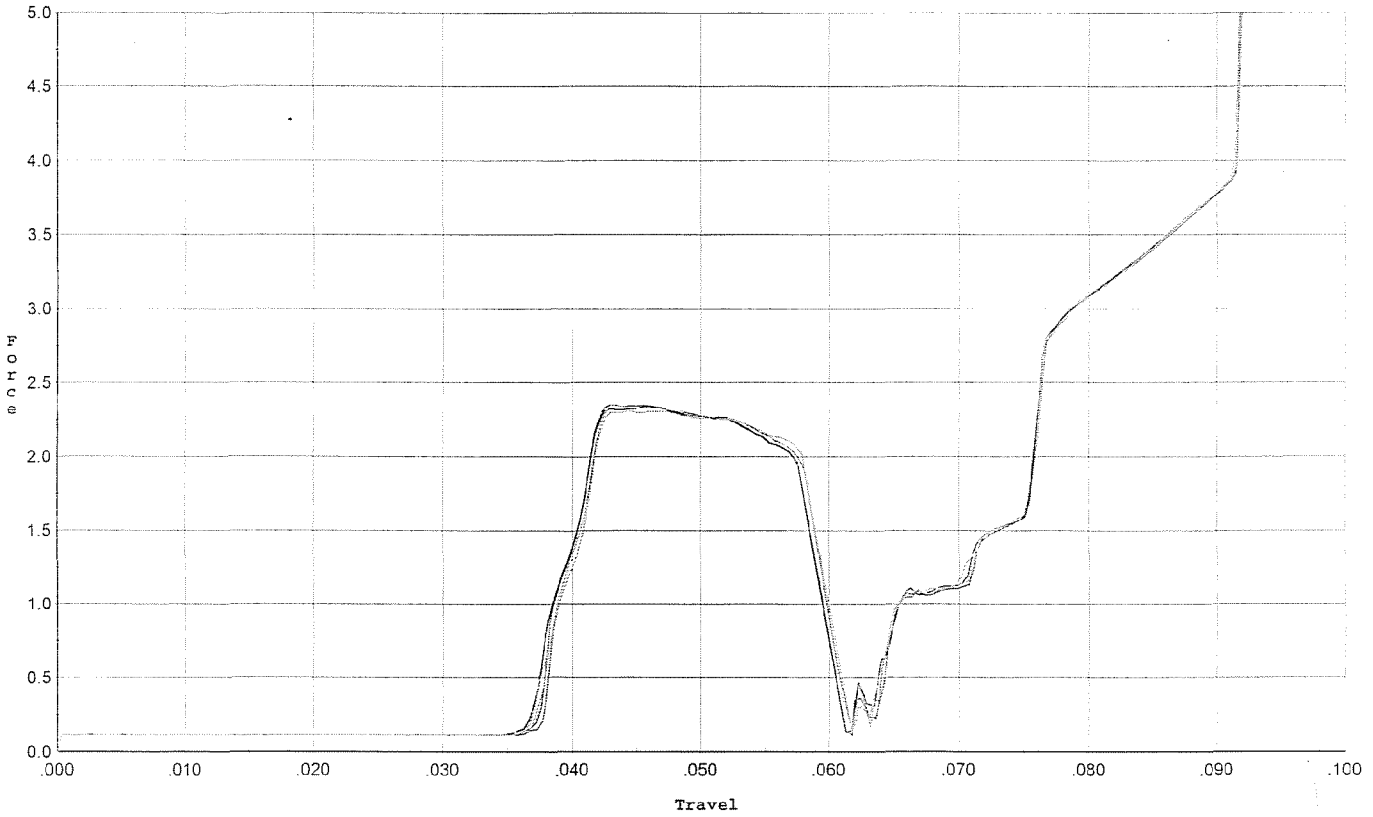
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.488	0.054	0.033	0.037	0.047		Set Trigger
2	2.433	0.055	0.034	0.038	0.047		Set Trigger
3	2.420	0.054	0.034	0.038	0.045		Set Trigger
4	2.411	0.055	0.033	0.037	0.047		Set Trigger
5	2.421	0.054	0.034	0.037	0.046		Set Trigger

Avg 2.43

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/01/07

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



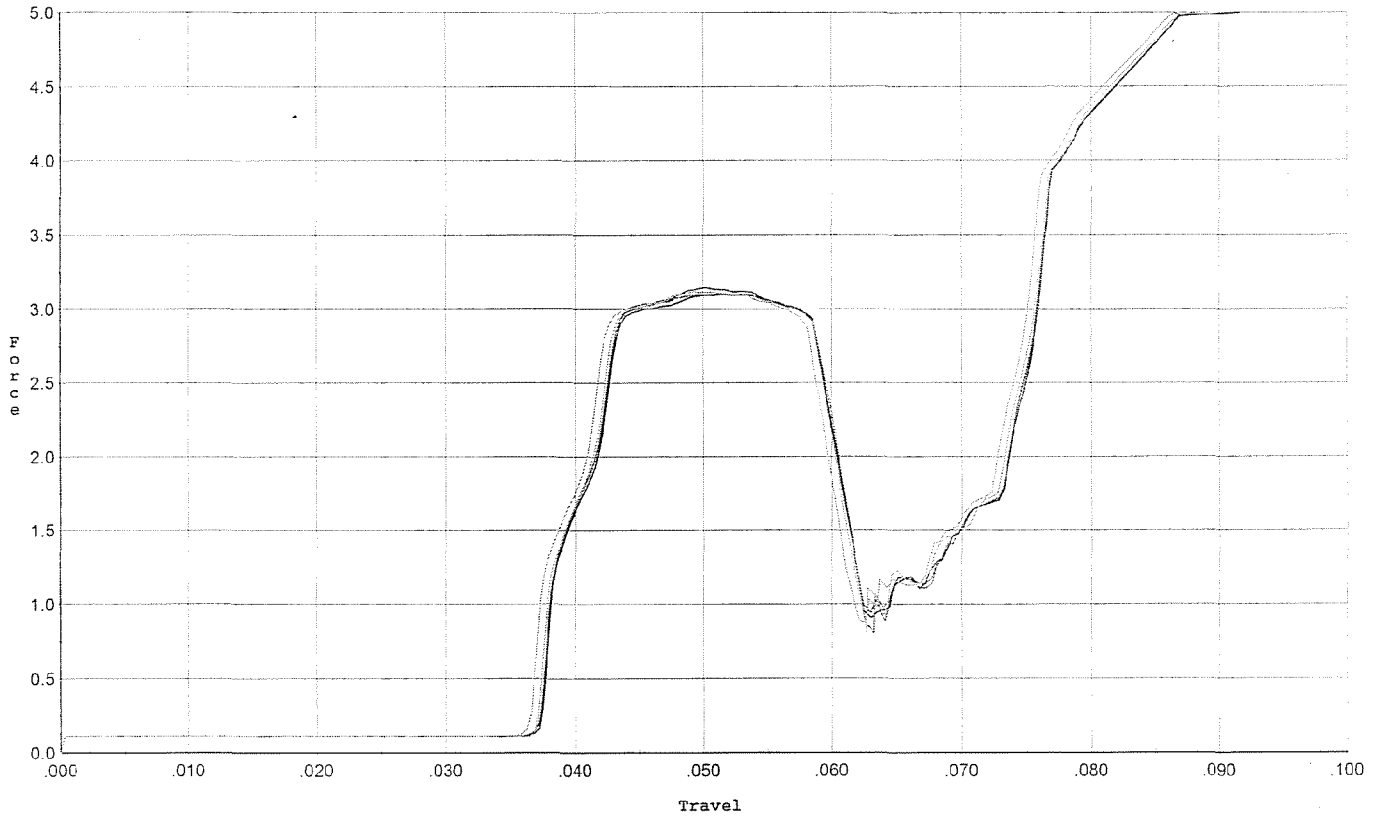
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.350	0.059	0.038	0.039	0.048		Set Trigger
2	2.338	0.058	0.037	0.039	0.046		Set Trigger
3	2.350	0.058	0.038	0.039	0.047		Set Trigger
4	2.347	0.058	0.037	0.039	0.047		Set Trigger
5	2.308	0.058	0.037	0.039	0.047		Set Trigger

AVG 2.33

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/01/07

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



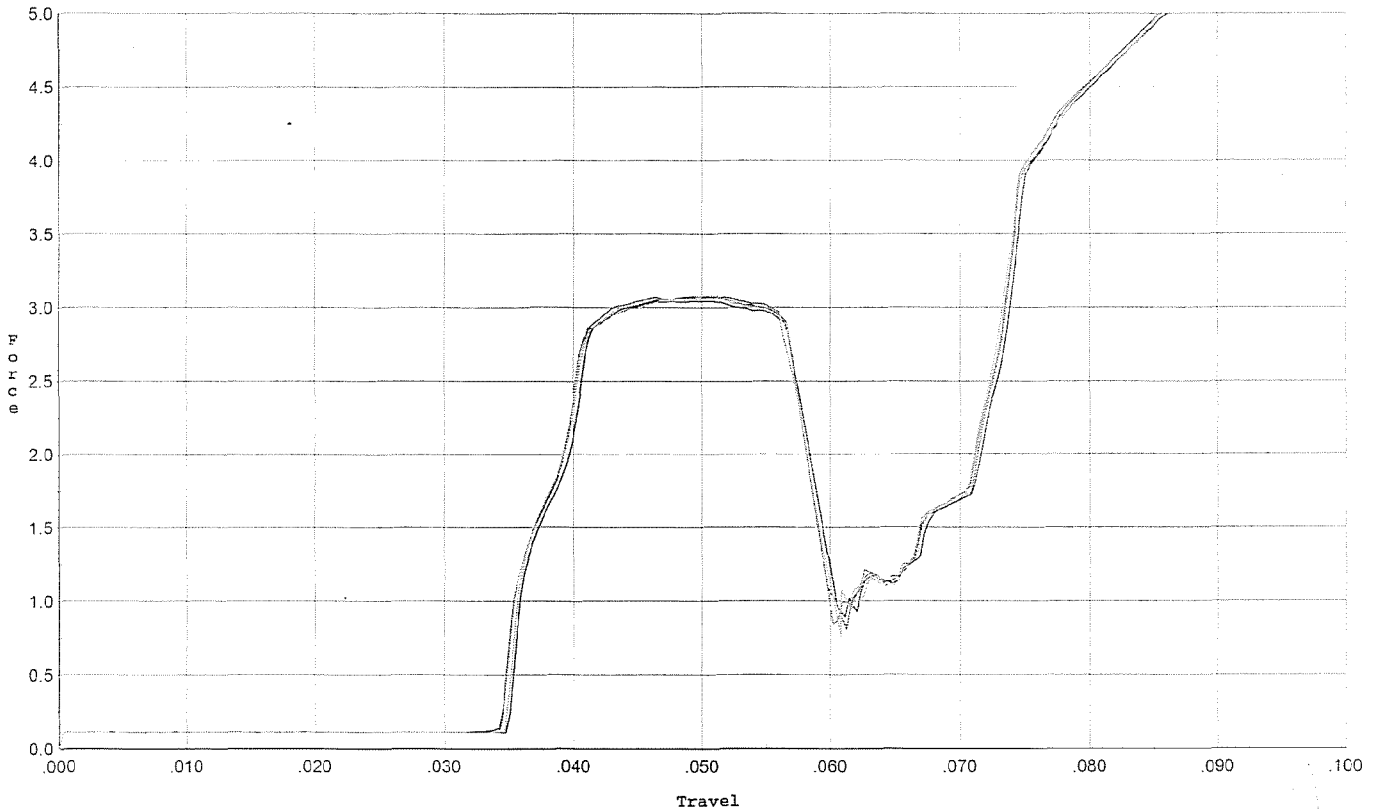
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.098	0.059	0.037	0.038	0.063		Set Trigger
2	3.103	0.060	0.038	0.038	0.065		Set Trigger
3	3.146	0.060	0.037	0.037	0.066		Set Trigger
4	3.107	0.059	0.037	0.038	0.064		Set Trigger
5	3.120	0.058	0.037	0.037	0.064		Set Trigger

Avg 3.11

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/01/07

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



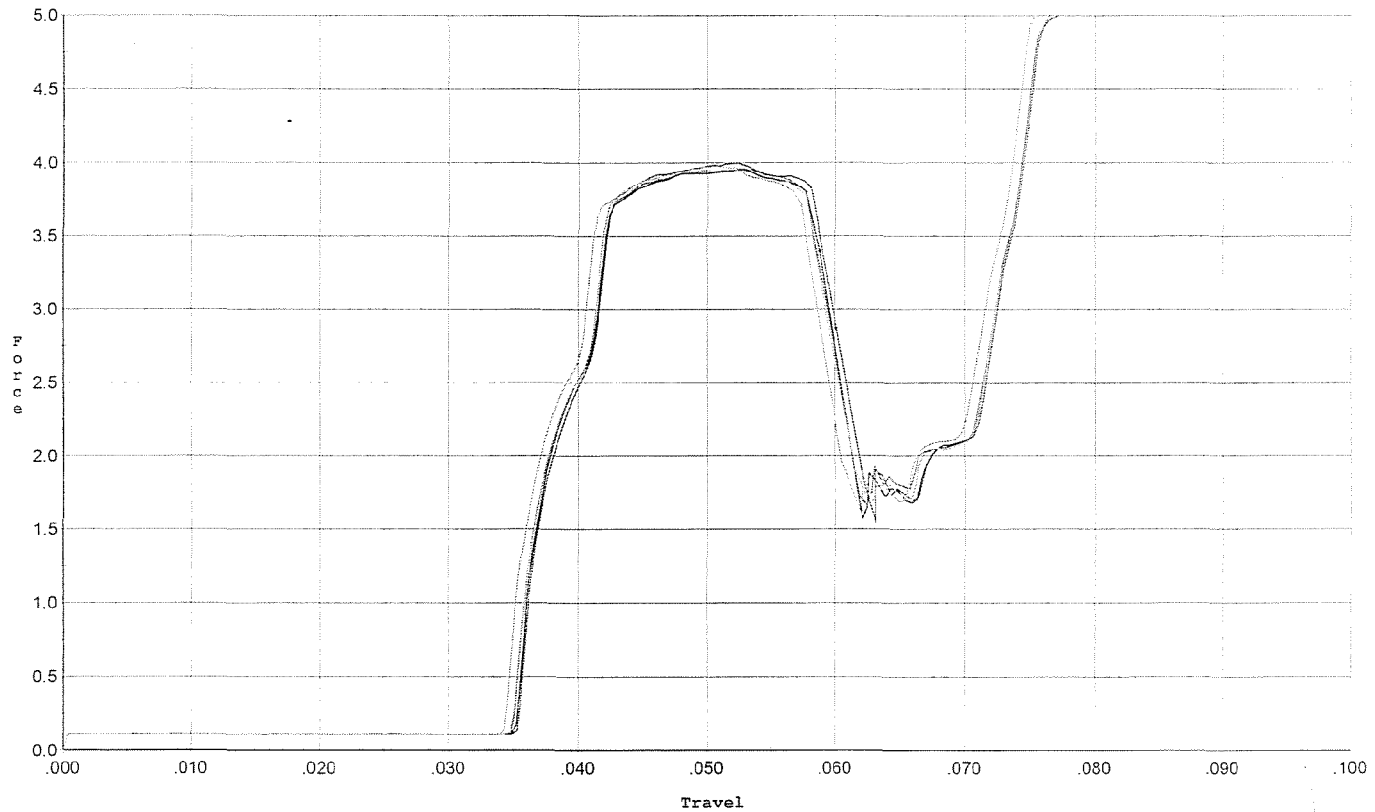
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.043	0.057	0.035	0.036	0.064		Set Trigger
2	3.070	0.058	0.035	0.036	0.065		Set Trigger
3	3.080	0.057	0.035	0.036	0.064		Set Trigger
4	3.079	0.057	0.035	0.036	0.063		Set Trigger
5	3.064	0.057	0.035	0.036	0.064		Set Trigger

AVG 3.06

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/01/07

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



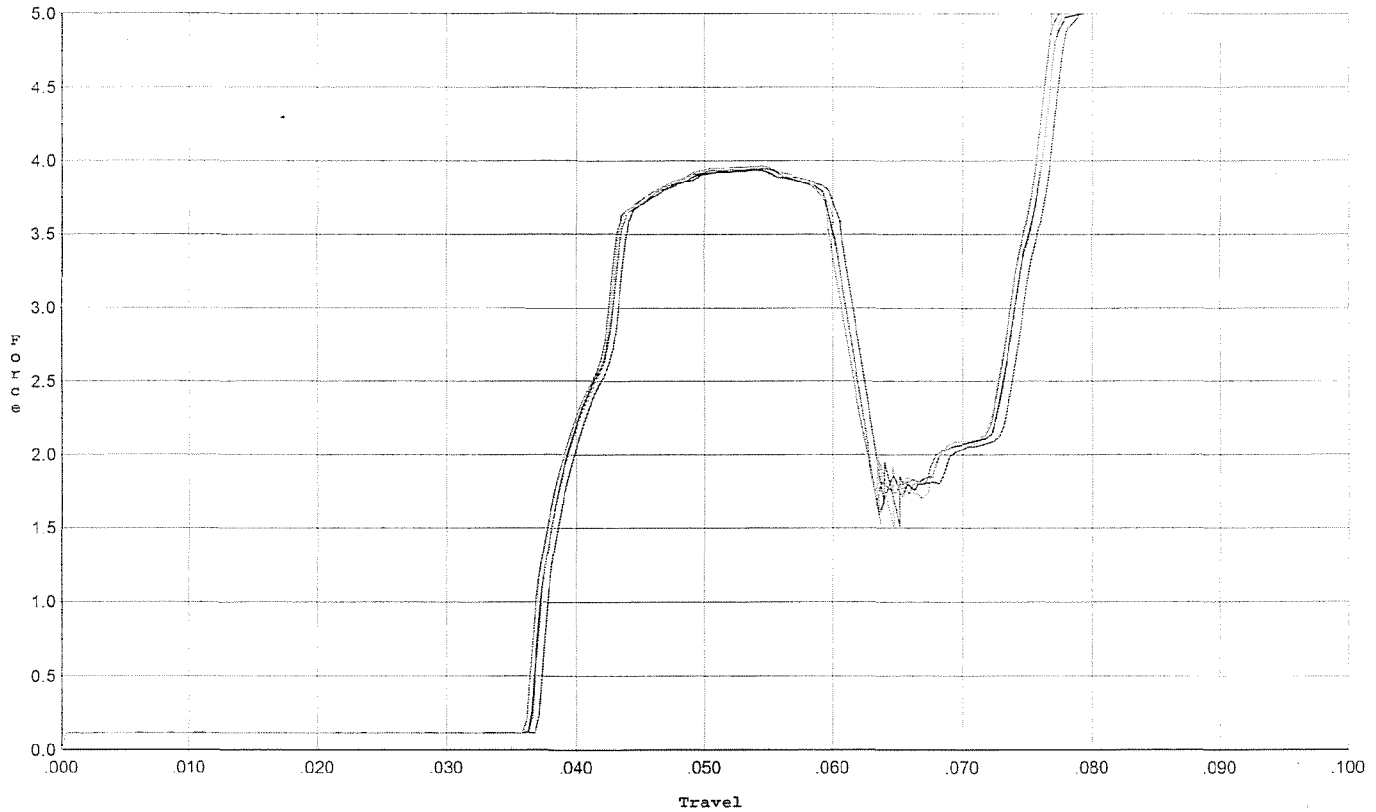
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.957	0.060	0.036	0.033	0.087		Set Trigger
2	3.953	0.059	0.035	0.033	0.085		Set Trigger
3	3.996	0.059	0.035	0.033	0.086		Set Trigger
4	3.972	0.058	0.035	0.034	0.083		Set Trigger
5	3.953	0.057	0.035	0.034	0.084		Set Trigger

AVG 3.96

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/01/07

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



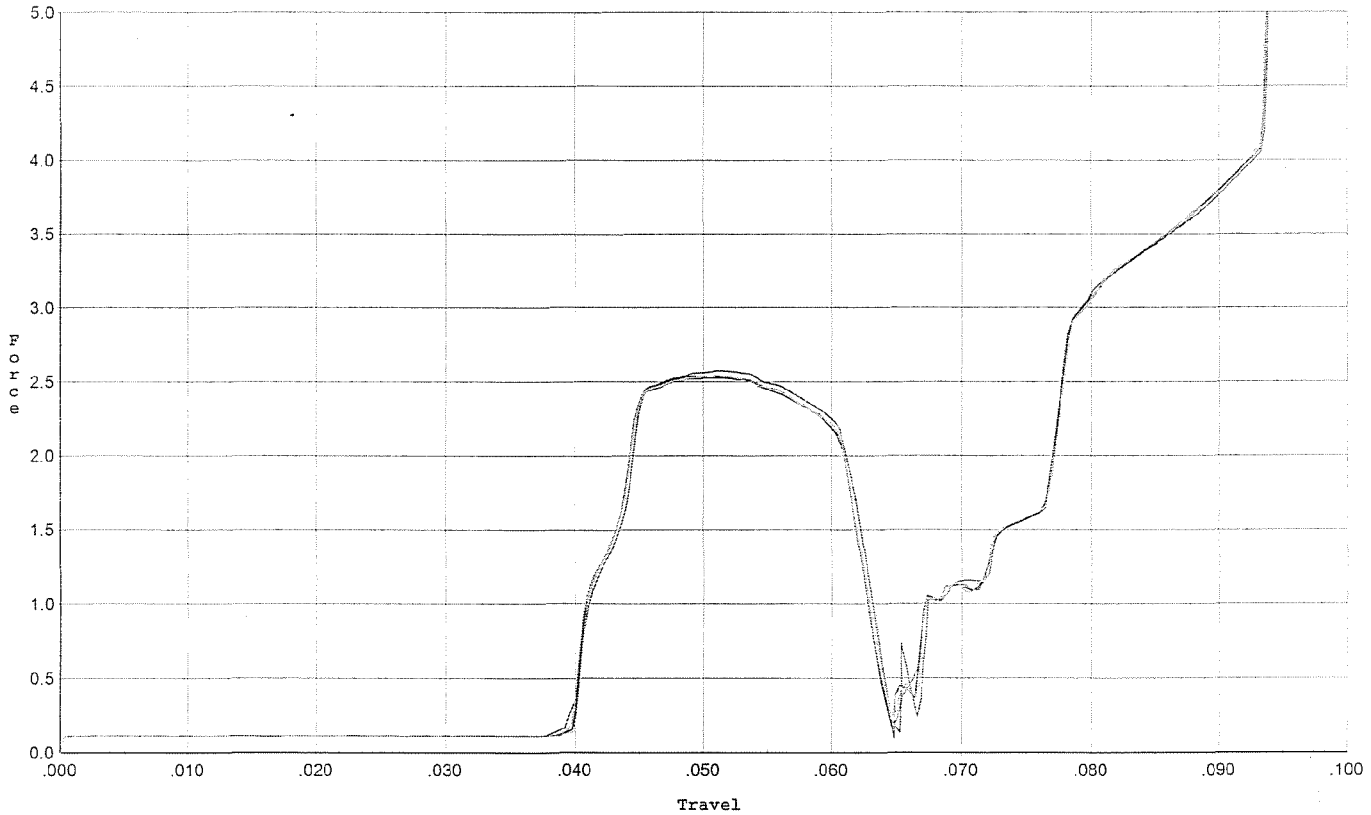
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.942	0.061	0.037	0.033	0.085		Set Trigger
2	3.935	0.060	0.037	0.032	0.085		Set Trigger
3	3.944	0.059	0.036	0.032	0.084		Set Trigger
4	3.966	0.060	0.037	0.032	0.085		Set Trigger
5	3.959	0.059	0.036	0.032	0.084		Set Trigger

Avg 3.94

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/01/07

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



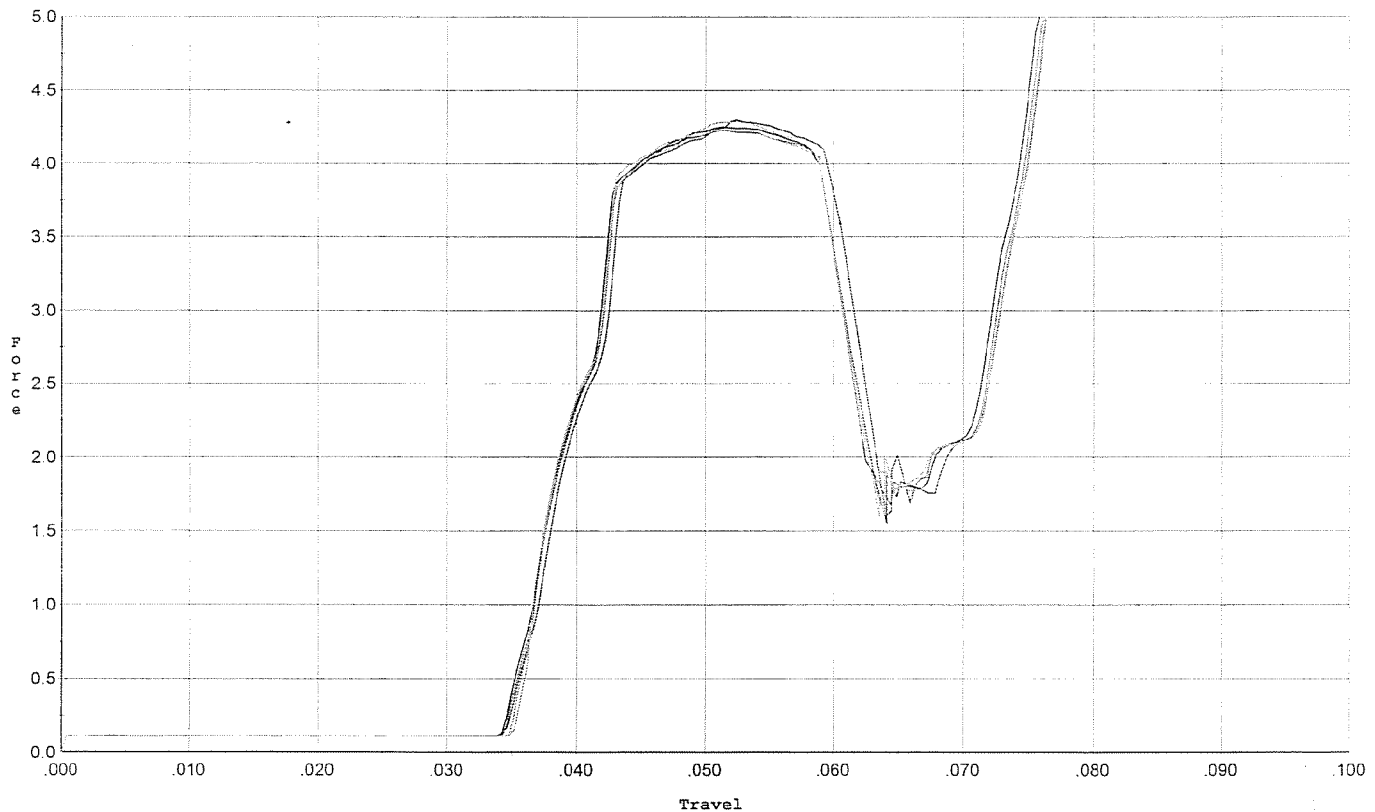
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.574	0.062	0.040	0.039	0.053		Set Trigger
2	2.540	0.061	0.040	0.039	0.051		Set Trigger
3	2.534	0.061	0.040	0.039	0.051		Set Trigger
4	2.545	0.061	0.040	0.039	0.051		Set Trigger
5	2.544	0.061	0.040	0.039	0.051		Set Trigger

AVG 2.54

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/01/07

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	4.301	0.061	0.035	0.030	0.093		Set Trigger
2	4.248	0.059	0.035	0.030	0.090		Set Trigger
3	4.228	0.059	0.035	0.030	0.089		Set Trigger
4	4.226	0.059	0.036	0.030	0.089		Set Trigger
5	4.288	0.059	0.035	0.030	0.090		Set Trigger

AVG 4.25

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637690.___0
FILE DATE AND TIME: 03/14/2007 22:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.018
The Average Y Centroid of the Five Target Set:	0.046
The Average Point of Impact of the Five Target Set:	0.049
The Average Mean Radius of the Five Target Set:	0.686
The Distance from POA to Centroid Target #1:	0.106
The Distance from Centroid Target #2 to Centroid Target #1:	0.109
The Distance from Centroid Target #3 to Centroid Target #1:	0.059
The Distance from Centroid Target #4 to Centroid Target #1:	0.129
The Distance from Centroid Target #5 to Centroid Target #1:	0.272

BARBER - M24 0144809

SERIAL NUMBER: G6637690. __0

TARGET NUMBER: 1

FILE DATE: 03/14/2007

FILE TIME: 22:32

POINT#	X	Y
1:	-0.714	0.119
2:	-0.284	-0.372
3:	-0.022	-0.469
4:	0.228	-0.556
5:	0.466	-0.122
6:	0.512	0.192
7:	0.017	0.138
8:	0.019	0.416
9:	-0.322	0.805
10:	-0.425	0.768

X CENTROID: -0.052

Y CENTROID: 0.092

POA TO CENTROID: 0.106

HORZ SPREAD: 1.226

VERT SPREAD: 1.361

GROUP SPREAD: 1.476

MIN RADIUS: 0.083

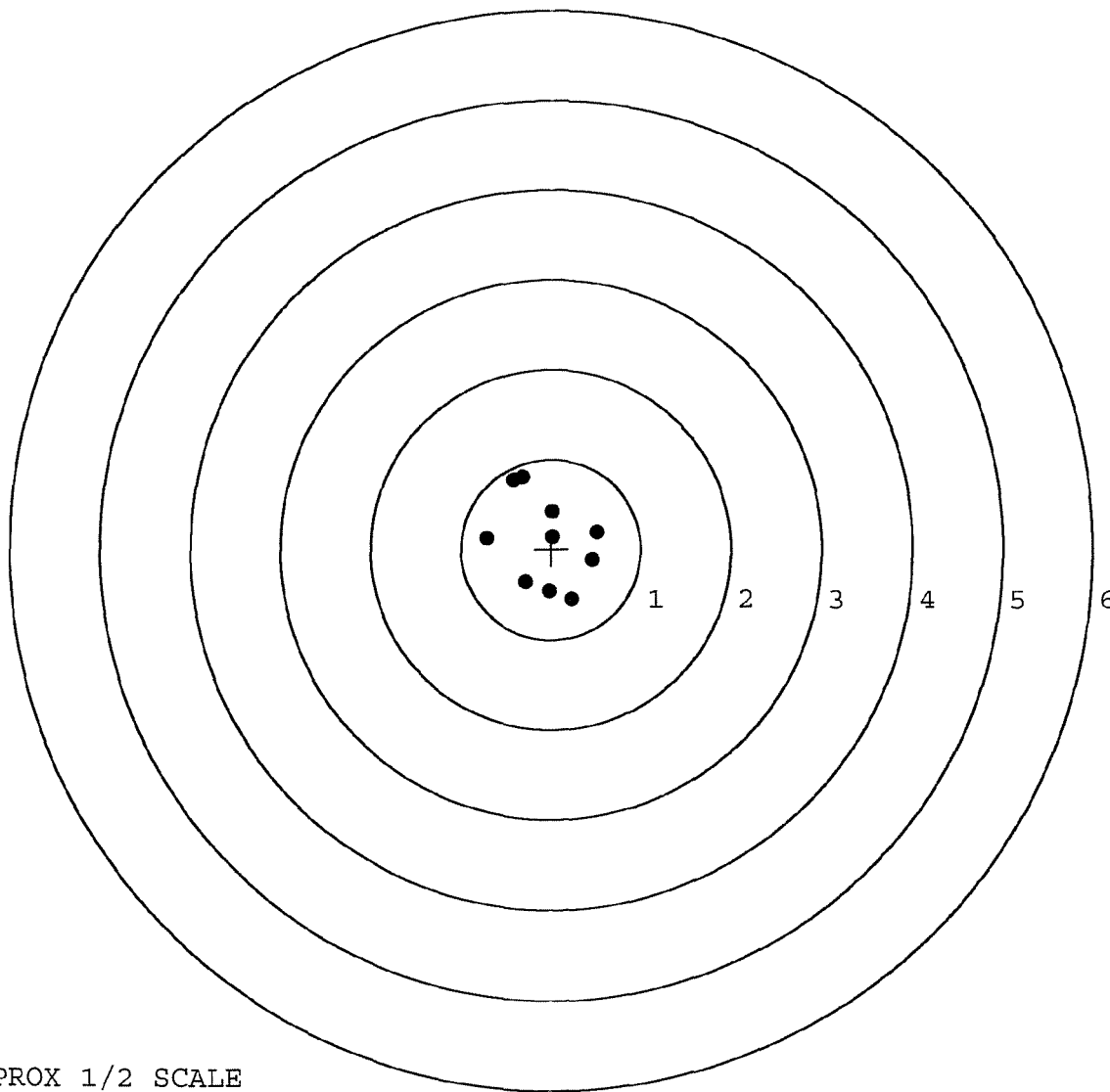
MAX RADIUS: 0.772

MEAN RADIUS: 0.553

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0144810

SERIAL NUMBER: G6637690. __0

TARGET NUMBER: 2

FILE DATE: 03/14/2007

FILE TIME: 22:32

POINT#	X	Y
1:	-0.964	0.346
2:	-0.383	-0.331
3:	0.099	-0.833
4:	0.086	-0.314
5:	0.427	-0.219
6:	0.494	0.084
7:	0.020	0.274
8:	-0.248	0.524
9:	0.411	0.720
10:	0.298	-0.110

X CENTROID: 0.024

Y CENTROID: 0.014

POA TO CENTROID: 0.028

HORZ SPREAD: 1.458

VERT SPREAD: 1.553

GROUP SPREAD: 1.587

MIN RADIUS: 0.260

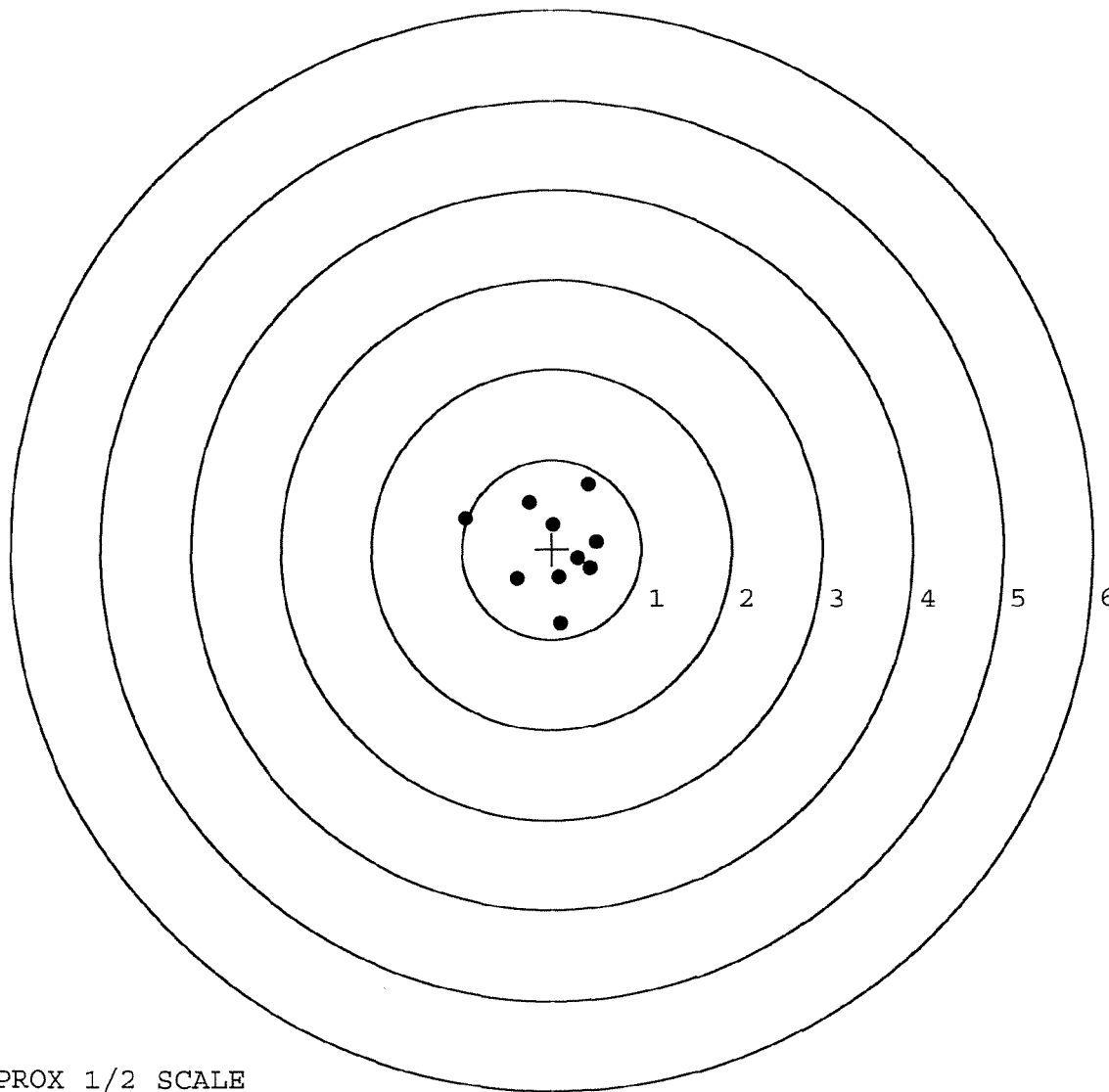
MAX RADIUS: 1.042

MEAN RADIUS: 0.564

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0144811

SERIAL NUMBER: G6637690. __0

TARGET NUMBER: 3

FILE DATE: 03/14/2007

FILE TIME: 22:32

POINT#	X	Y
1:	-0.448	1.585
2:	-0.273	0.736
3:	-0.601	0.364
4:	-0.611	0.071
5:	-0.100	-0.035
6:	0.779	0.426
7:	0.743	0.016
8:	0.363	-0.110
9:	0.242	-1.074
10:	-0.202	-0.644

X CENTROID: -0.011

Y CENTROID: 0.133

POA TO CENTROID: 0.134

HORZ SPREAD: 1.390

VERT SPREAD: 2.659

GROUP SPREAD: 2.747

MIN RADIUS: 0.191

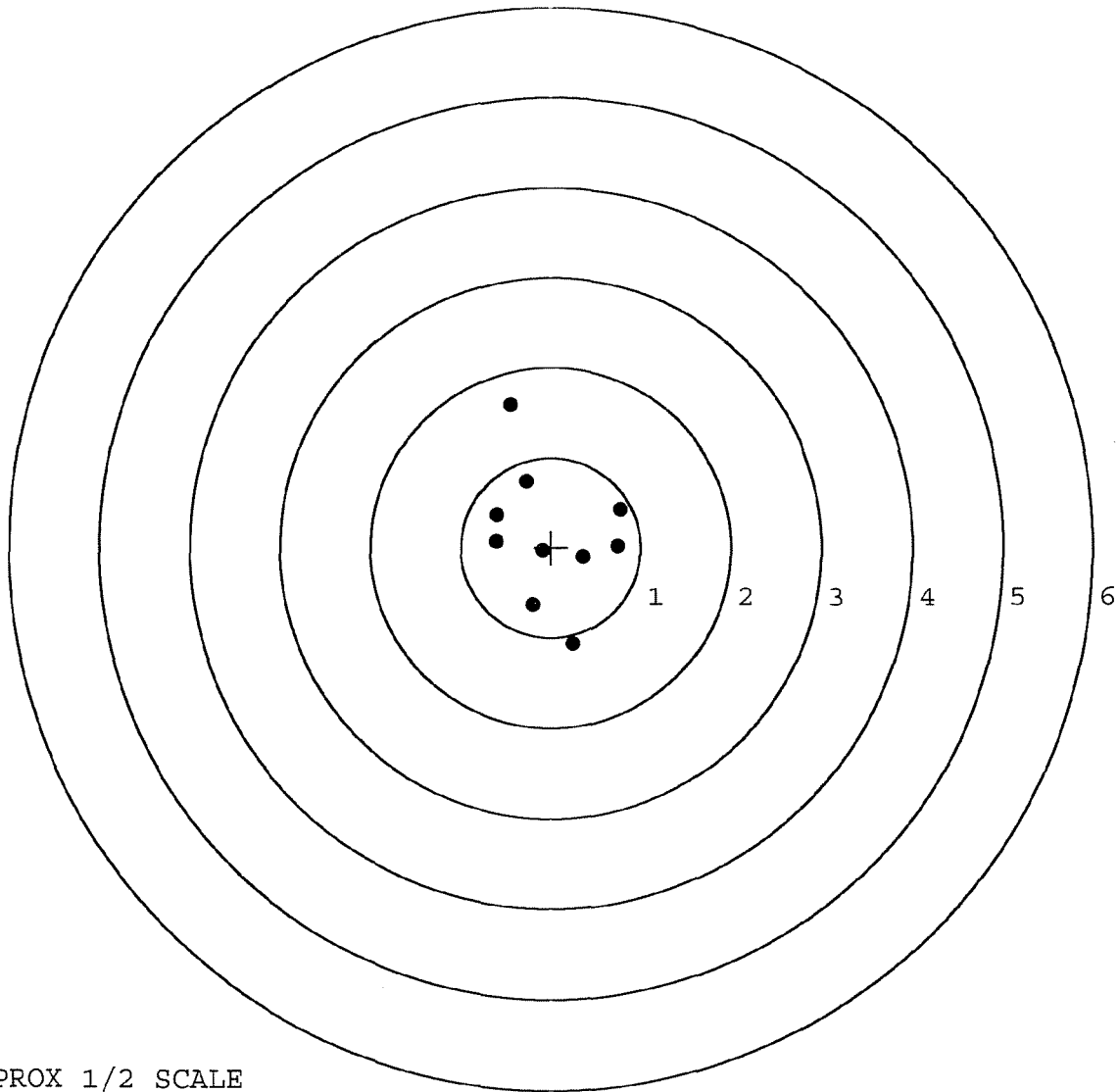
MAX RADIUS: 1.516

MEAN RADIUS: 0.769

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0144812

SERIAL NUMBER: G6637690. __ 0

TARGET NUMBER: 4

FILE DATE: 03/14/2007

FILE TIME: 22:32

POINT#	X	Y
1:	-0.779	-0.652
2:	-0.257	-0.483
3:	-0.205	-1.529
4:	0.928	-0.143
5:	0.852	0.603
6:	0.408	0.663
7:	-0.161	0.135
8:	-0.328	0.236
9:	-0.592	0.262
10:	-0.687	0.567

X CENTROID: -0.082

Y CENTROID: -0.034

POA TO CENTROID: 0.089

HORZ SPREAD: 1.707

VERT SPREAD: 2.192

GROUP SPREAD: 2.380

MIN RADIUS: 0.187

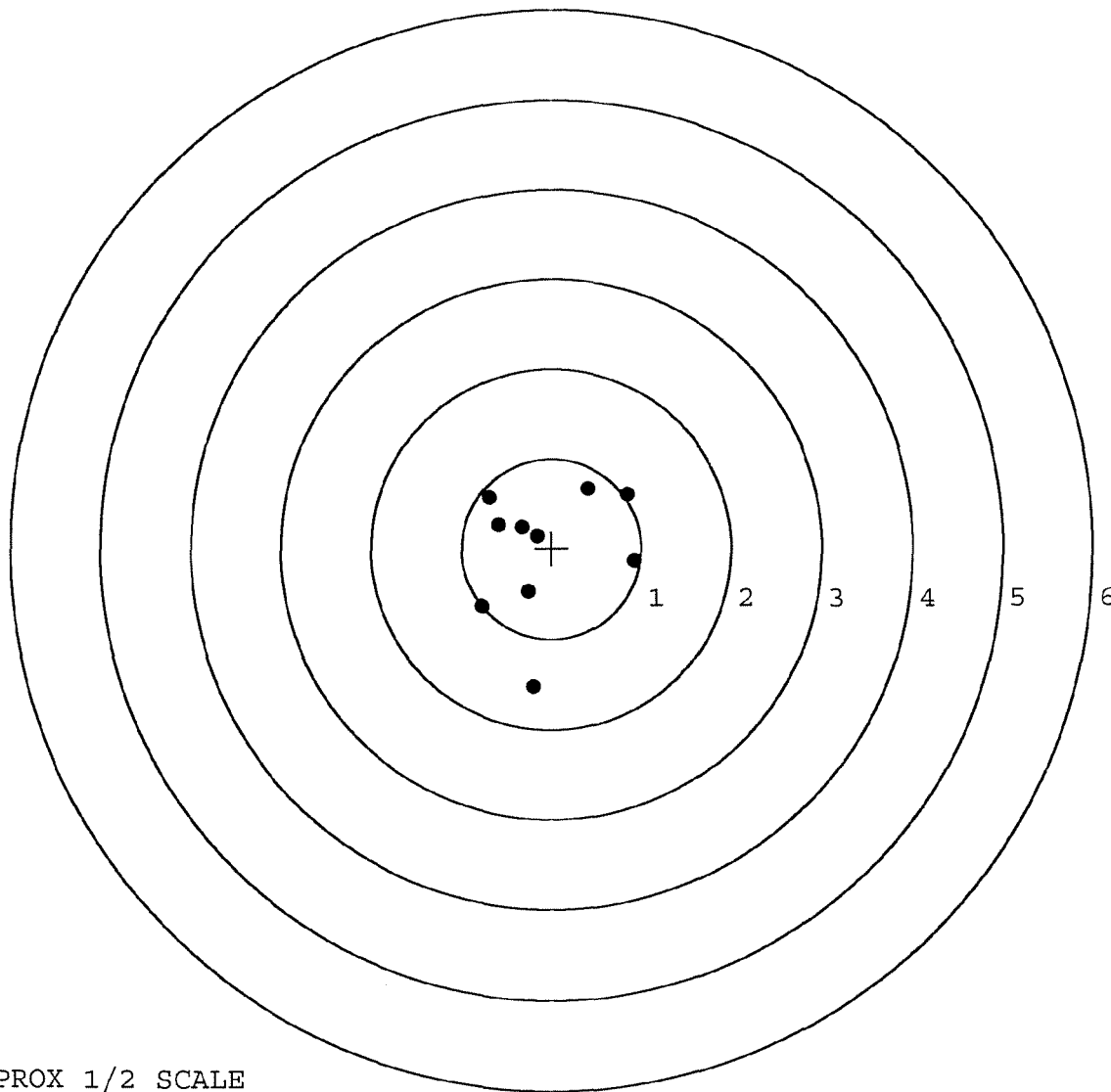
MAX RADIUS: 1.500

MEAN RADIUS: 0.791

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0144813

SERIAL NUMBER: G6637690. __0

TARGET NUMBER: 5

FILE DATE: 03/14/2007

FILE TIME: 22:32

X CENTROID: 0.211

Y CENTROID: 0.023

POA TO CENTROID: 0.212

HORZ SPREAD: 1.707

VERT SPREAD: 2.573

GROUP SPREAD: 2.695

MIN RADIUS: 0.017

MAX RADIUS: 1.495

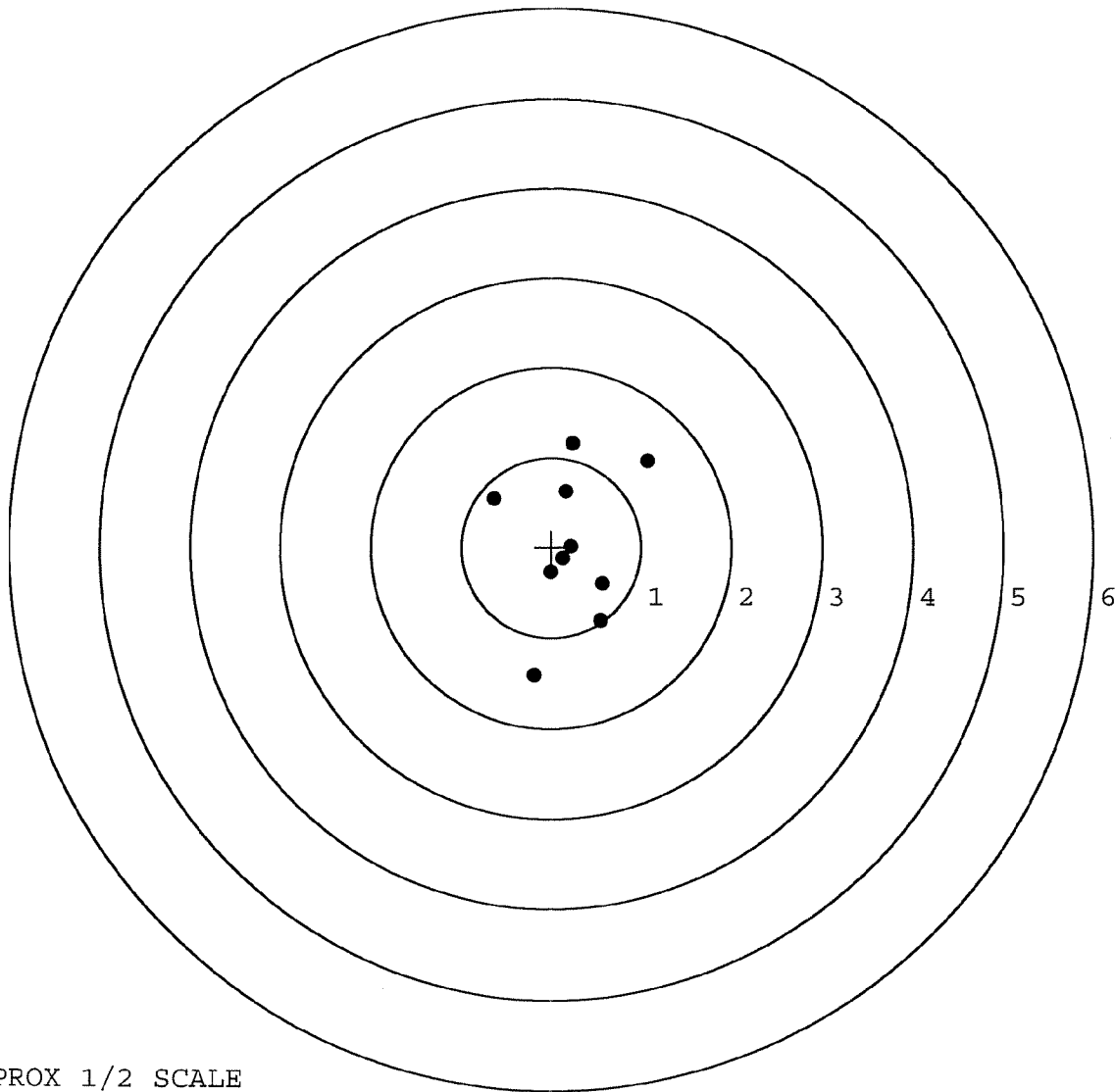
MEAN RADIUS: 0.754

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.236	1.156
2:	1.073	0.964
3:	0.164	0.623
4:	-0.634	0.542
5:	0.219	0.008
6:	-0.013	-0.286
7:	0.568	-0.408
8:	0.549	-0.818
9:	-0.190	-1.417
10:	0.133	-0.133



TARGET APPROX 1/2 SCALE