

G 6635196

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

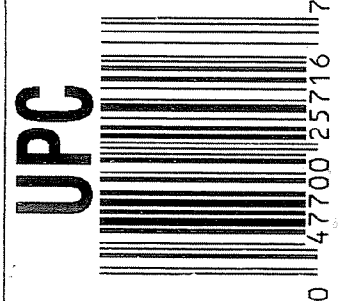


ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6635196



ORDER 25716

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

UPC



0 47700 25716 7

ORDER 25716

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

UPC



0 47700 25716 7

SERIAL NO.



66635196

GUN SERIAL # G6635196

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE			
420	ASSEMBLE ACTION		3-12-07	SPD.
430	ASSEMBLE TO STOCK		3-12-07	SPD.
440	PROOF		3-14-07	FM
460	CHECK HEADSPACE	INSPECTED	3-14-07	FM
470	DIS-ASSEMBLE ACTION	MAR 16 2007	3-15-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <i>unus</i>	3/15/07	<i>unus</i>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-16-07	CW
510	DRILL AND TAP SIGHT HOLES		3-16-07	TRW
520	GOFF BLAST BBL / REC		3-19-07	CB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3/23/07	FJB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3/23/07	SPD.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3/23/07	SPD.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3/23/07	SPD.
	D) OIL FIRING PIN ASSEMBLY		3/23/07	SPD.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		3/29/07	<i>unus</i>

F004 REV 5/2006

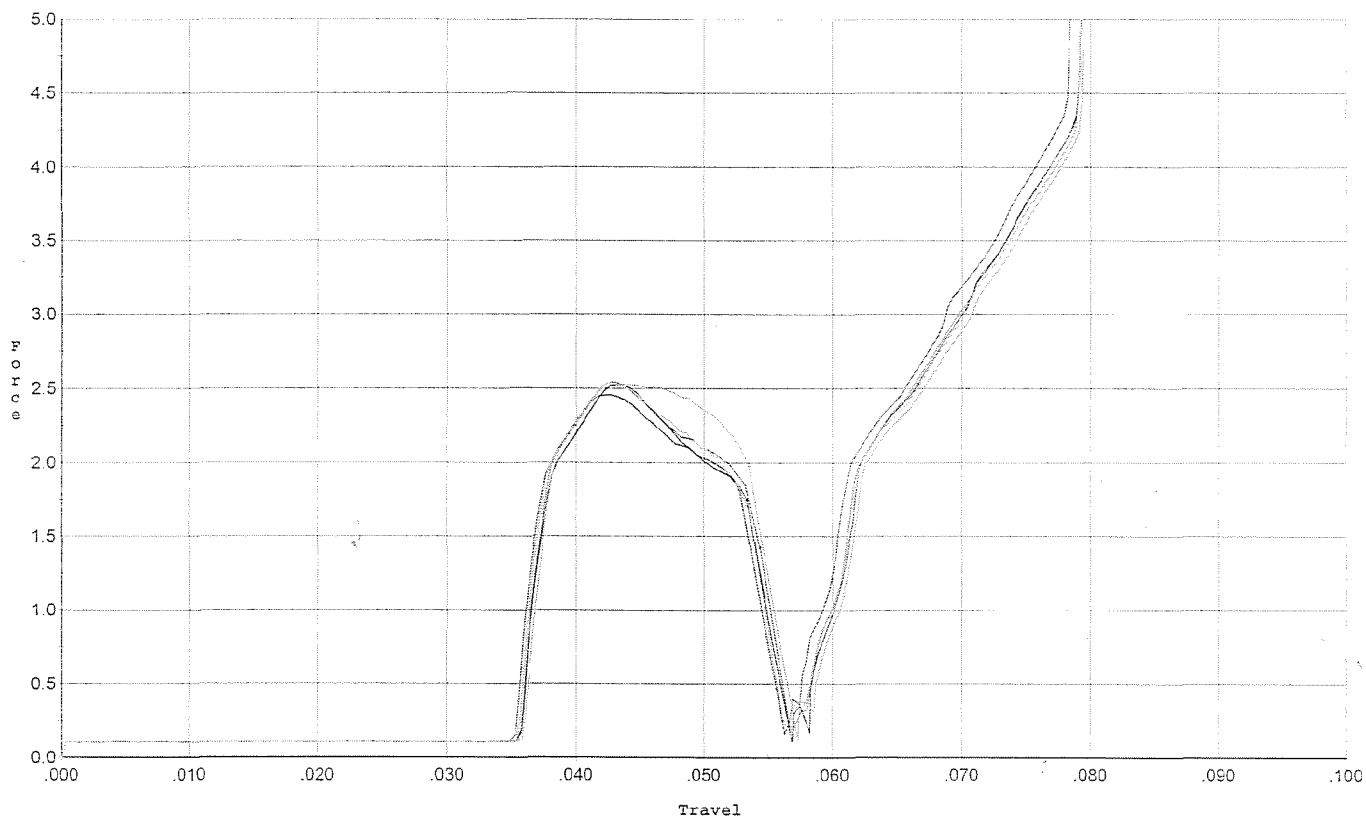
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>6.0</u> <u>6.25</u>	3-29-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.75</u> <u>2.5</u> <u>2.75</u>	3-29-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		3/29/07	TRW
	I) FIRING PIN INDENT .020 MIN	<u>.0245</u> <u>.0245</u> <u>.0245</u>	3-29-07	TRW
	J) ASSEMBLE STOCK		3/23/07	TRW
	K) ASSEMBLE SWIVEL STUDS		4/9/07	TRW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/9/07	TRW
	M) IRON SIGHT ALIGNMENT		4/9/07	TRW
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/9/07	TRW
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	3-26-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		3-26-07	TRW
670	FINAL INSPECTION A) HEADSPACE		4/9/07	TRW
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.25</u> <u>2.27</u> <u>2.23</u> <u>2.37</u> <u>2.28</u>	3-29-07	TRW
	C) FUNCTION		4/9/07	TRW
690	PACK		4-10-07	TRW

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/22/07

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



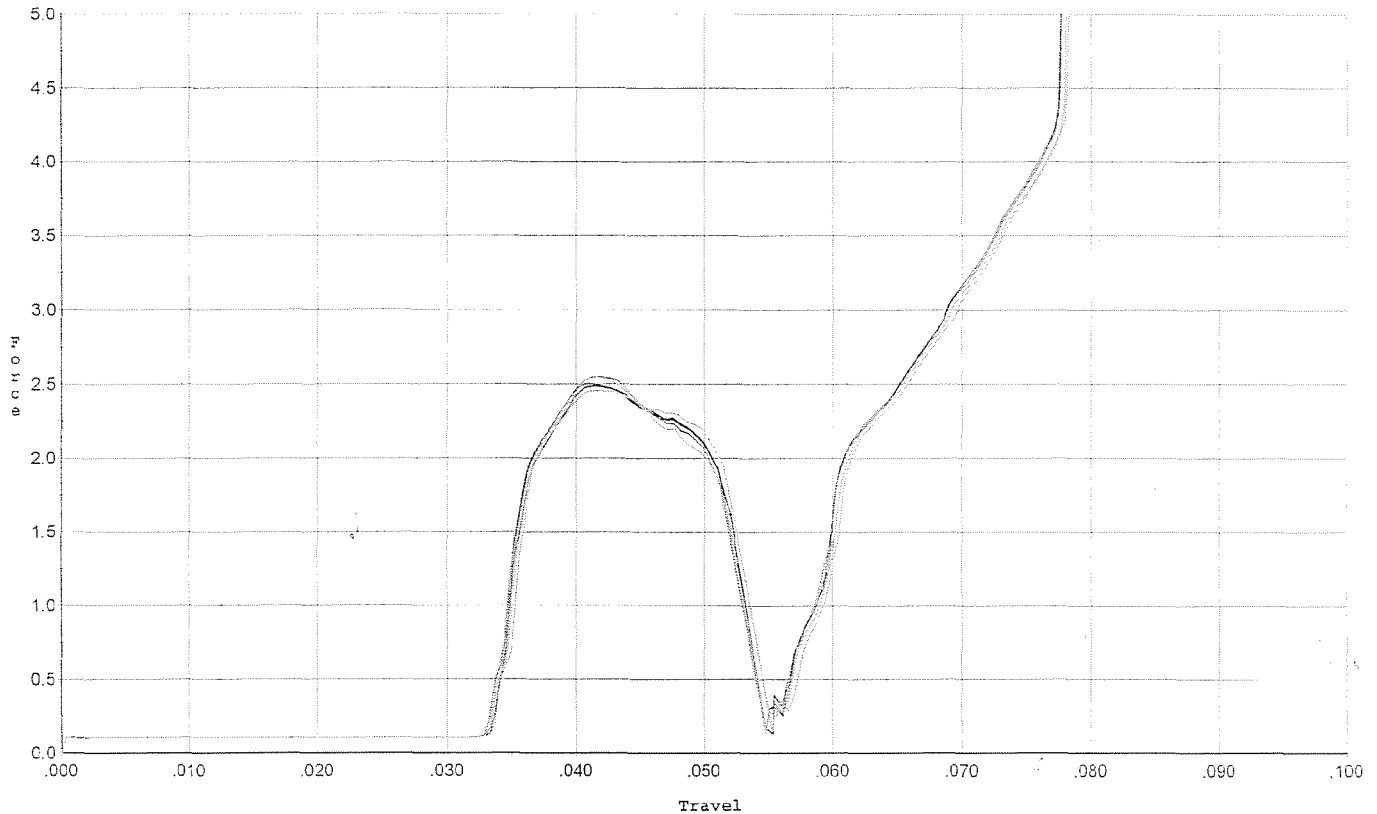
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.457	0.053	0.035	0.032	0.041		Set Trigger
2	2.524	0.053	0.036	0.033	0.041		Set Trigger
3	2.540	0.054	0.036	0.032	0.043		Set Trigger
4	2.539	0.053	0.036	0.033	0.042		Set Trigger
5	2.531	0.053	0.036	0.032	0.044		Set Trigger

AVG 2.51

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/22/07

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



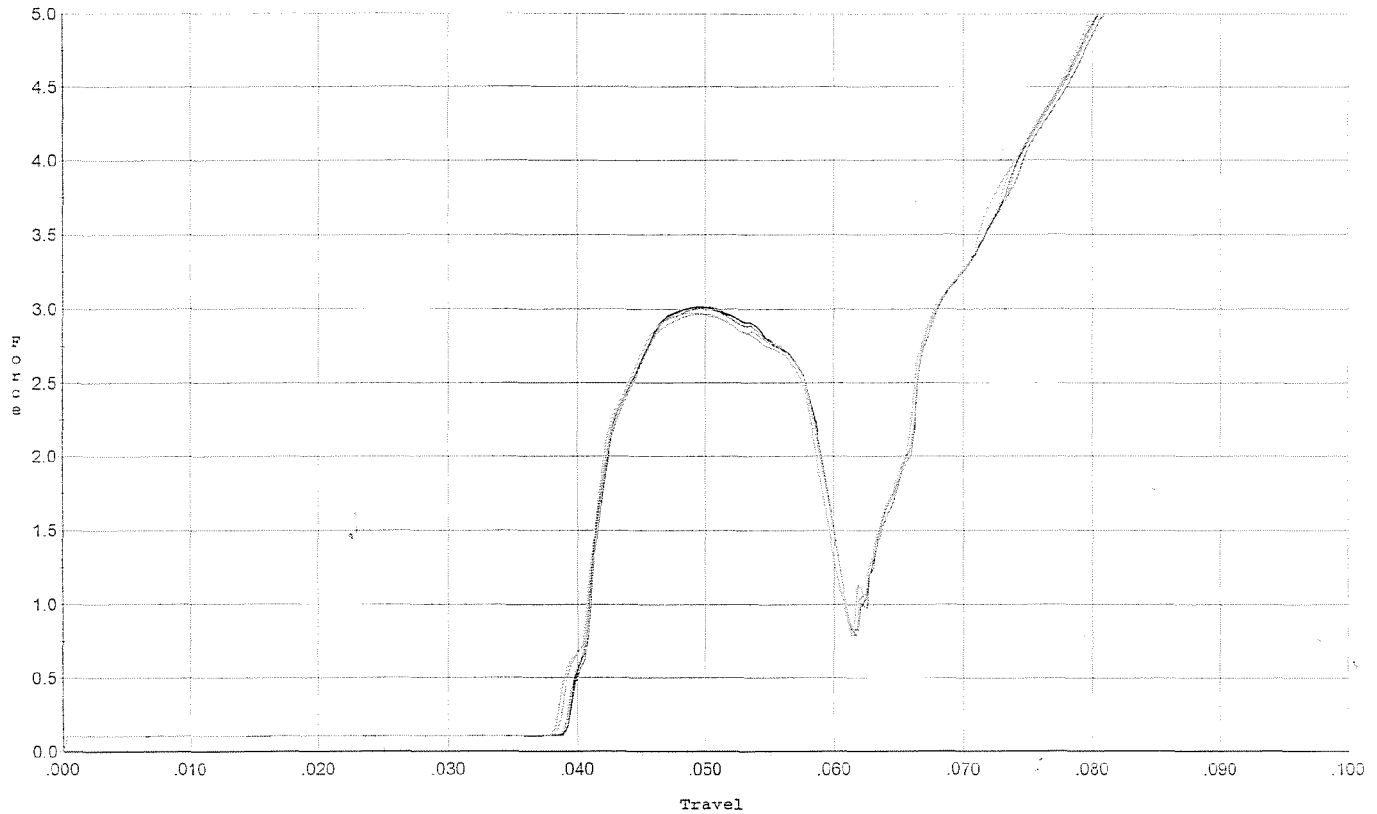
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.501	0.053	0.033	0.033	0.043		Set Trigger
2	2.488	0.052	0.034	0.033	0.042		Set Trigger
3	2.551	0.051	0.033	0.033	0.042		Set Trigger
4	2.552	0.053	0.034	0.033	0.042		Set Trigger
5	2.458	0.053	0.034	0.033	0.043		Set Trigger

Avg 2.51

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/22/07

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



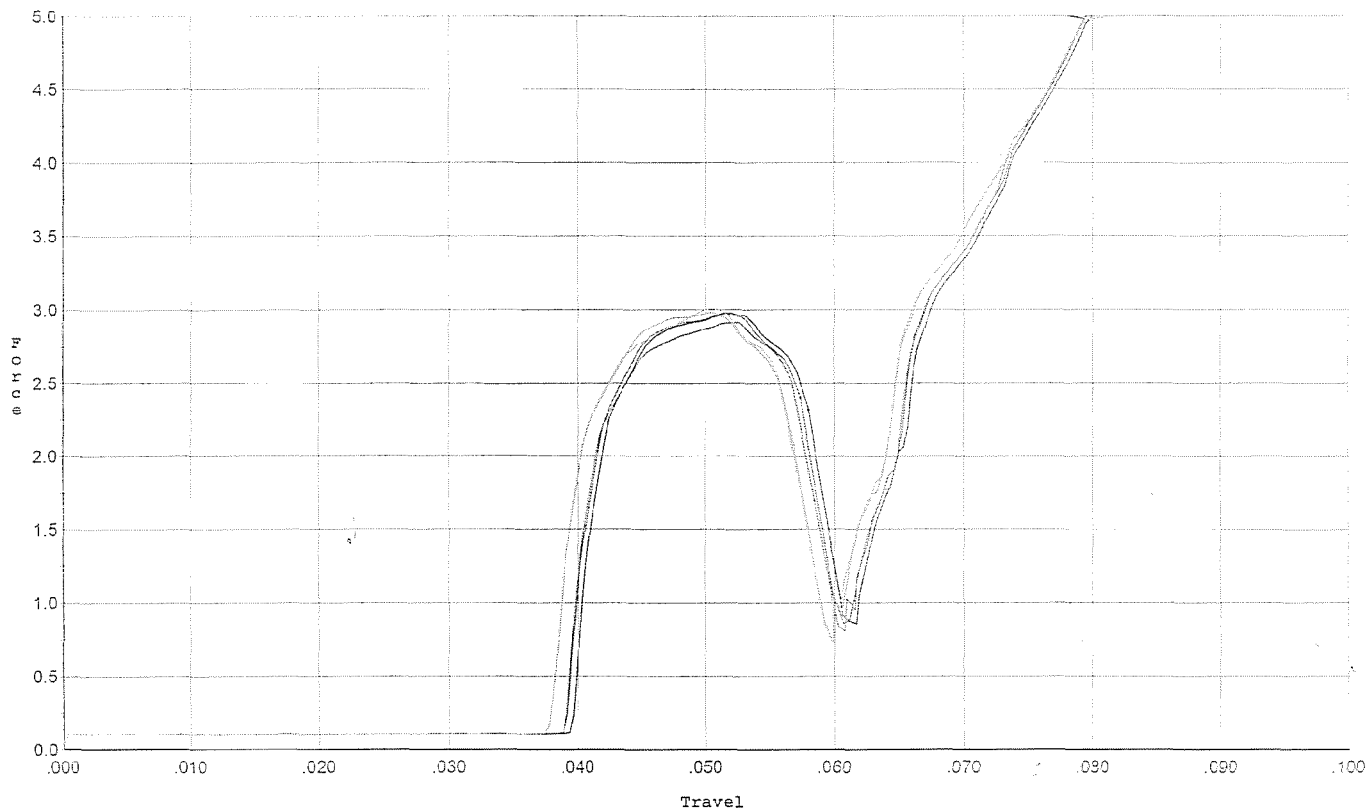
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.015	0.059	0.040	0.031	0.053		Set Trigger
2	3.015	0.059	0.039	0.031	0.054		Set Trigger
3	3.008	0.059	0.039	0.031	0.053		Set Trigger
4	2.971	0.058	0.039	0.031	0.053		Set Trigger
5	2.966	0.059	0.039	0.031	0.054		Set Trigger

Avg 2.99

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/22/07

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



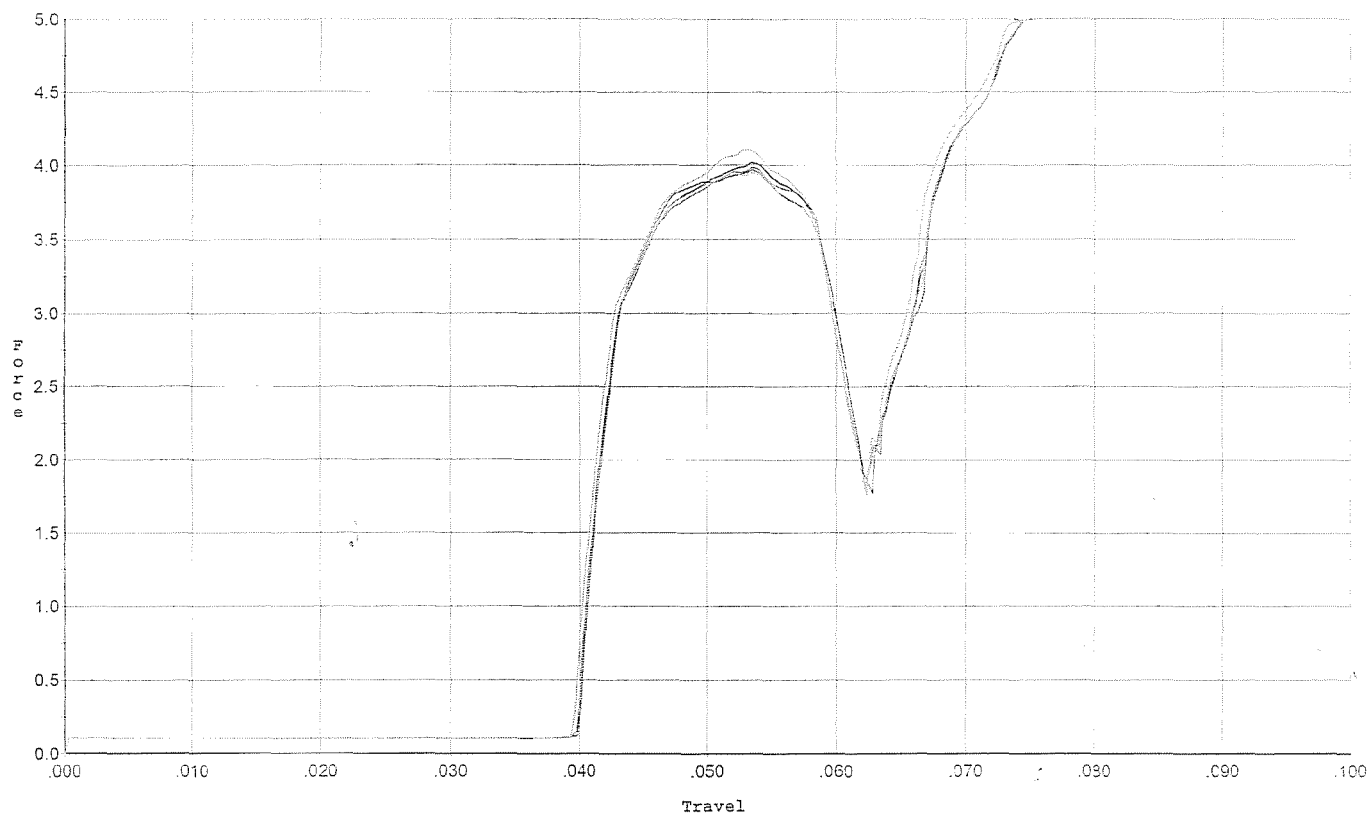
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.975	0.057	0.039	0.031	0.052		Set Trigger
2	2.976	0.058	0.040	0.031	0.053		Set Trigger
3	2.918	0.058	0.039	0.031	0.052		Set Trigger
4	3.007	0.057	0.038	0.032	0.053		Set Trigger
5	2.982	0.057	0.038	0.032	0.053		Set Trigger

AVG 2.97

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/22/07

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



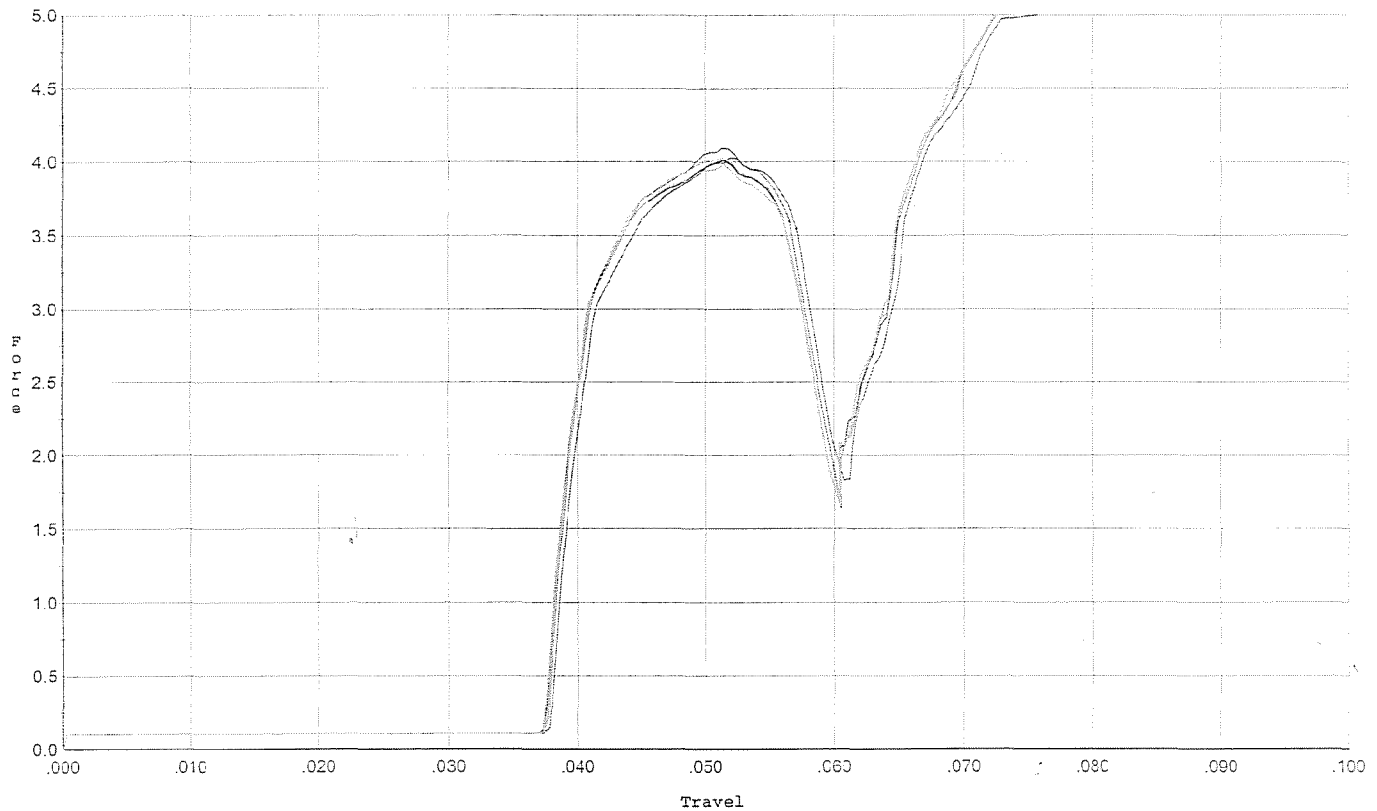
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.969	0.059	0.040	0.027	0.072		Set Trigger
2	4.020	0.060	0.040	0.026	0.074		Set Trigger
3	3.986	0.059	0.040	0.026	0.072		Set Trigger
4	3.952	0.059	0.040	0.026	0.071		Set Trigger
5	4.109	0.058	0.040	0.026	0.074		Set Trigger

AVG 4.00

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/22/07

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



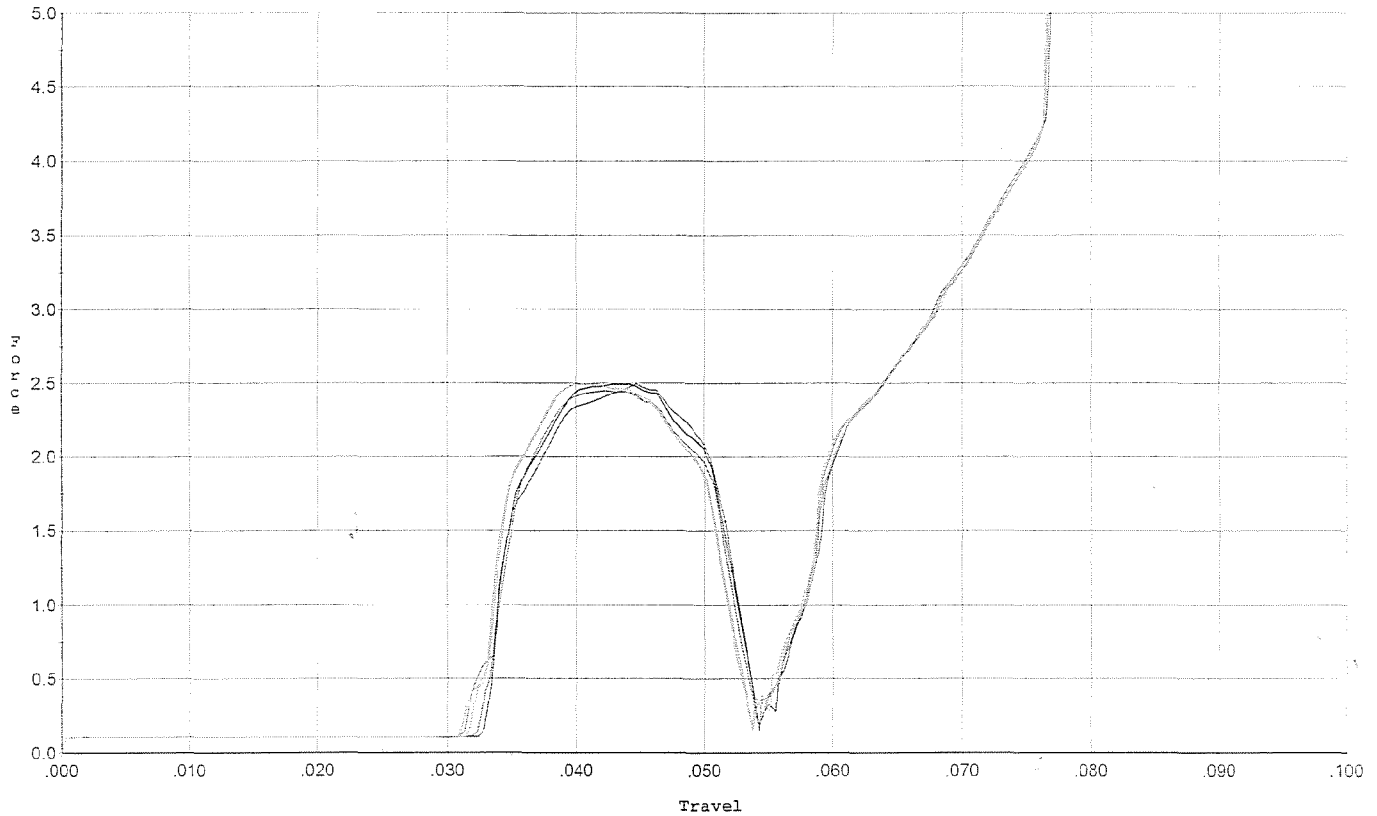
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.028	0.057	0.038	0.027	0.073		Set Trigger
2	4.013	0.057	0.038	0.026	0.073		Set Trigger
3	4.094	0.057	0.038	0.026	0.073		Set Trigger
4	4.029	0.057	0.038	0.026	0.073		Set Trigger
5	3.982	0.057	0.038	0.026	0.073		Set Trigger

AVG 4.02

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/22/07

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



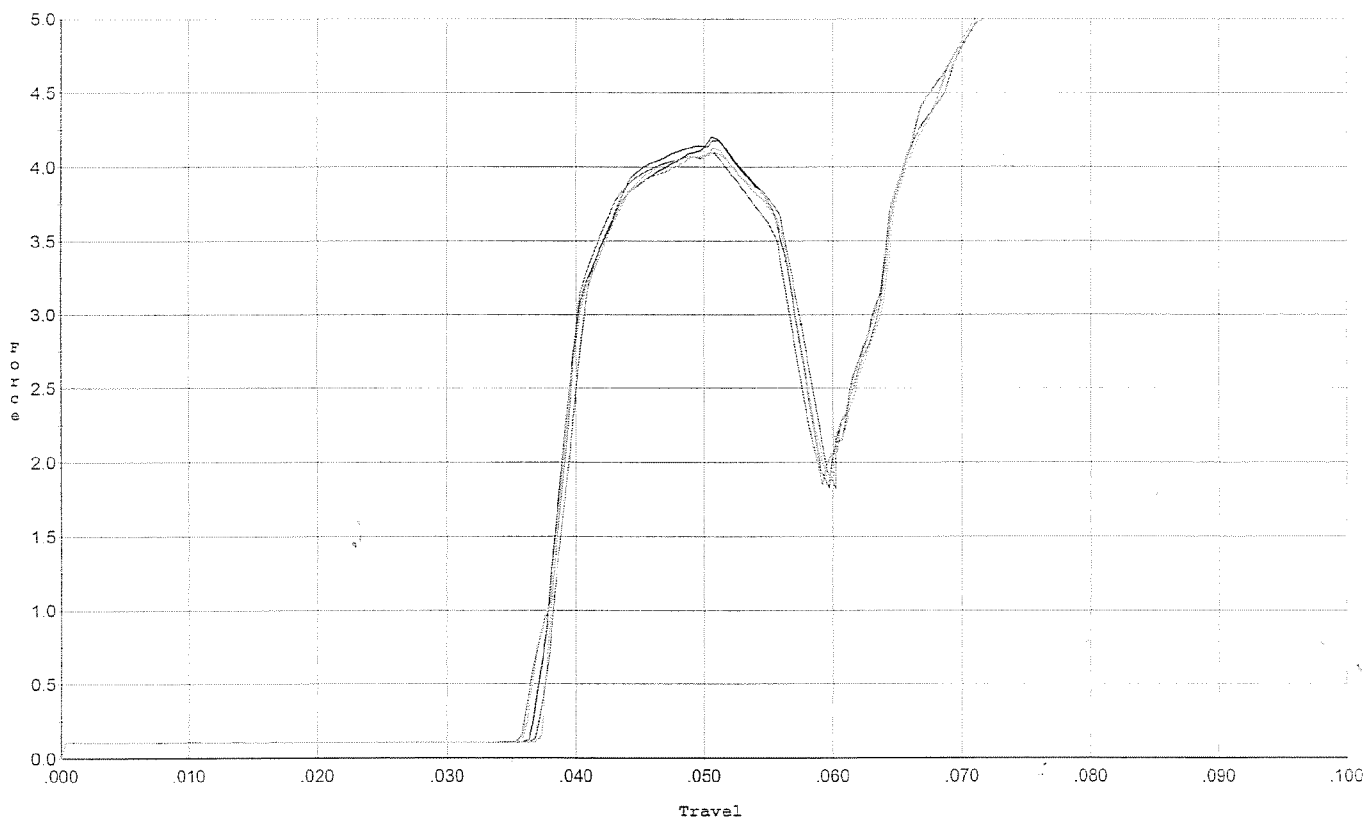
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.493	0.052	0.033	0.032	0.043		Set Trigger
2	2.491	0.052	0.033	0.032	0.043		Set Trigger
3	2.447	0.051	0.032	0.032	0.042		Set Trigger
4	2.493	0.050	0.032	0.032	0.042		Set Trigger
5	2.497	0.050	0.031	0.033	0.042		Set Trigger

AVG 2.48

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/22/07

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	4.177	0.058	0.037	0.025	0.076		Set Trigger
2	4.202	0.056	0.037	0.025	0.074		Set Trigger
3	4.098	0.056	0.036	0.026	0.073		Set Trigger
4	4.101	0.056	0.037	0.025	0.073		Set Trigger
5	4.130	0.056	0.036	0.025	0.073		Set Trigger

AVG 4.14

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635196.___0
FILE DATE AND TIME: 03/26/2007 11:58

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.071
The Average Y Centroid of the Five Target Set:	-0.170
The Average Point of Impact of the Five Target Set:	0.184
The Average Mean Radius of the Five Target Set:	0.802
The Distance from POA to Centroid Target #1:	0.243
The Distance from Centroid Target #2 to Centroid Target #1:	0.501
The Distance from Centroid Target #3 to Centroid Target #1:	0.279
The Distance from Centroid Target #4 to Centroid Target #1:	0.261
The Distance from Centroid Target #5 to Centroid Target #1:	0.272

BARBER - M24 0143442

SERIAL NUMBER: G6635196. __ 0

TARGET NUMBER: 1

FILE DATE: 03/26/2007

FILE TIME: 11:58

POINT#	X	Y
1:	0.115	-1.920
2:	0.436	-0.485
3:	0.829	0.410
4:	-0.004	0.193
5:	-0.205	0.343
6:	-1.340	0.156
7:	-0.329	0.125
8:	-0.405	-0.138
9:	-0.204	-0.323
10:	0.058	-0.557

X CENTROID: -0.105

Y CENTROID: -0.220

POA TO CENTROID: 0.243

HORZ SPREAD: 2.169

VERT SPREAD: 2.330

GROUP SPREAD: 2.535

MIN RADIUS: 0.143

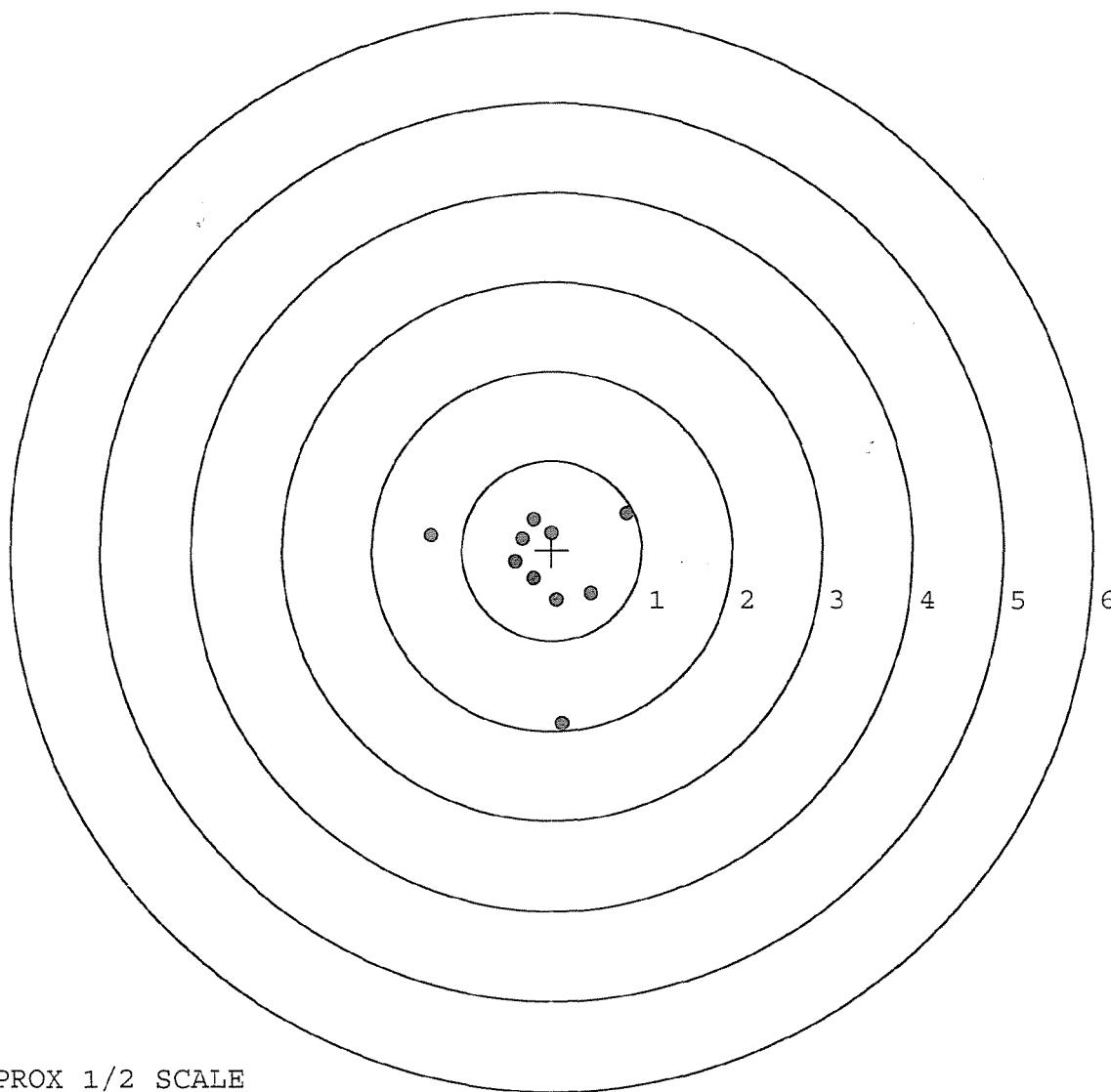
MAX RADIUS: 1.715

MEAN RADIUS: 0.697

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0143443

SERIAL NUMBER: G6635196. __0

TARGET NUMBER: 2

FILE DATE: 03/26/2007

FILE TIME: 11:58

POINT#	X	Y
1:	1.765	-0.762
2:	1.686	-0.250
3:	0.917	0.734
4:	0.739	0.867
5:	0.161	-0.179
6:	0.351	-0.749
7:	0.392	-1.283
8:	-0.511	-1.421
9:	-0.769	-0.509
10:	-0.989	-0.101

X CENTROID: 0.374

Y CENTROID: -0.365

POA TO CENTROID: 0.523

HORZ SPREAD: 2.754

VERT SPREAD: 2.288

GROUP SPREAD: 2.832

MIN RADIUS: 0.283

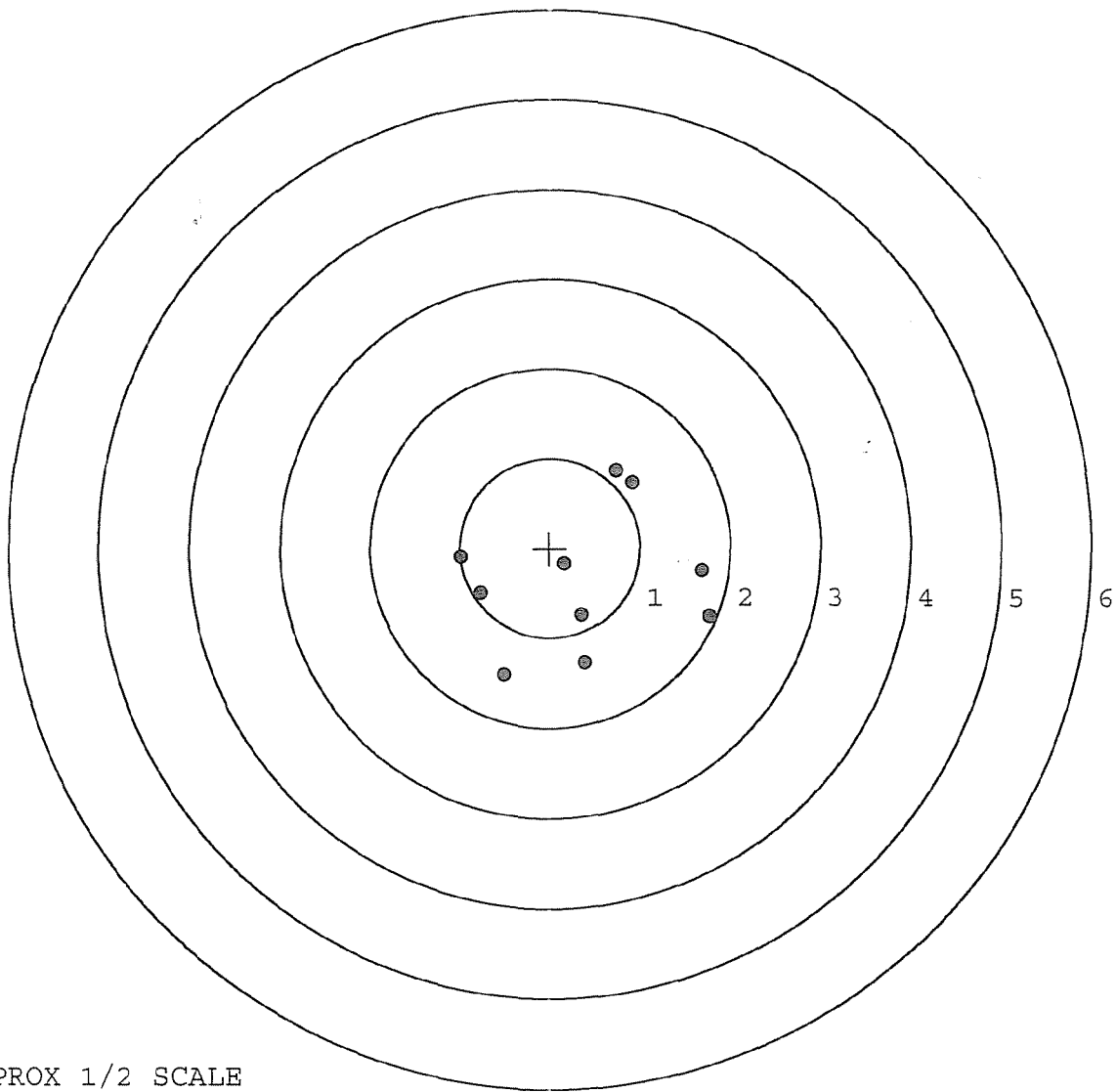
MAX RADIUS: 1.446

MEAN RADIUS: 1.078

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0143444

SERIAL NUMBER: G6635196. __0

TARGET NUMBER: 3

FILE DATE: 03/26/2007

FILE TIME: 11:58

POINT#	X	Y
1:	0.740	-0.599
2:	0.427	-0.240
3:	0.380	0.252
4:	0.089	-0.820
5:	-0.012	0.024
6:	-0.469	-0.525
7:	-0.400	0.104
8:	-0.371	0.551
9:	-0.520	1.105
10:	-2.051	0.494

X CENTROID: -0.219

Y CENTROID: 0.035

POA TO CENTROID: 0.221

HORZ SPREAD: 2.791

VERT SPREAD: 1.925

GROUP SPREAD: 2.997

MIN RADIUS: 0.194

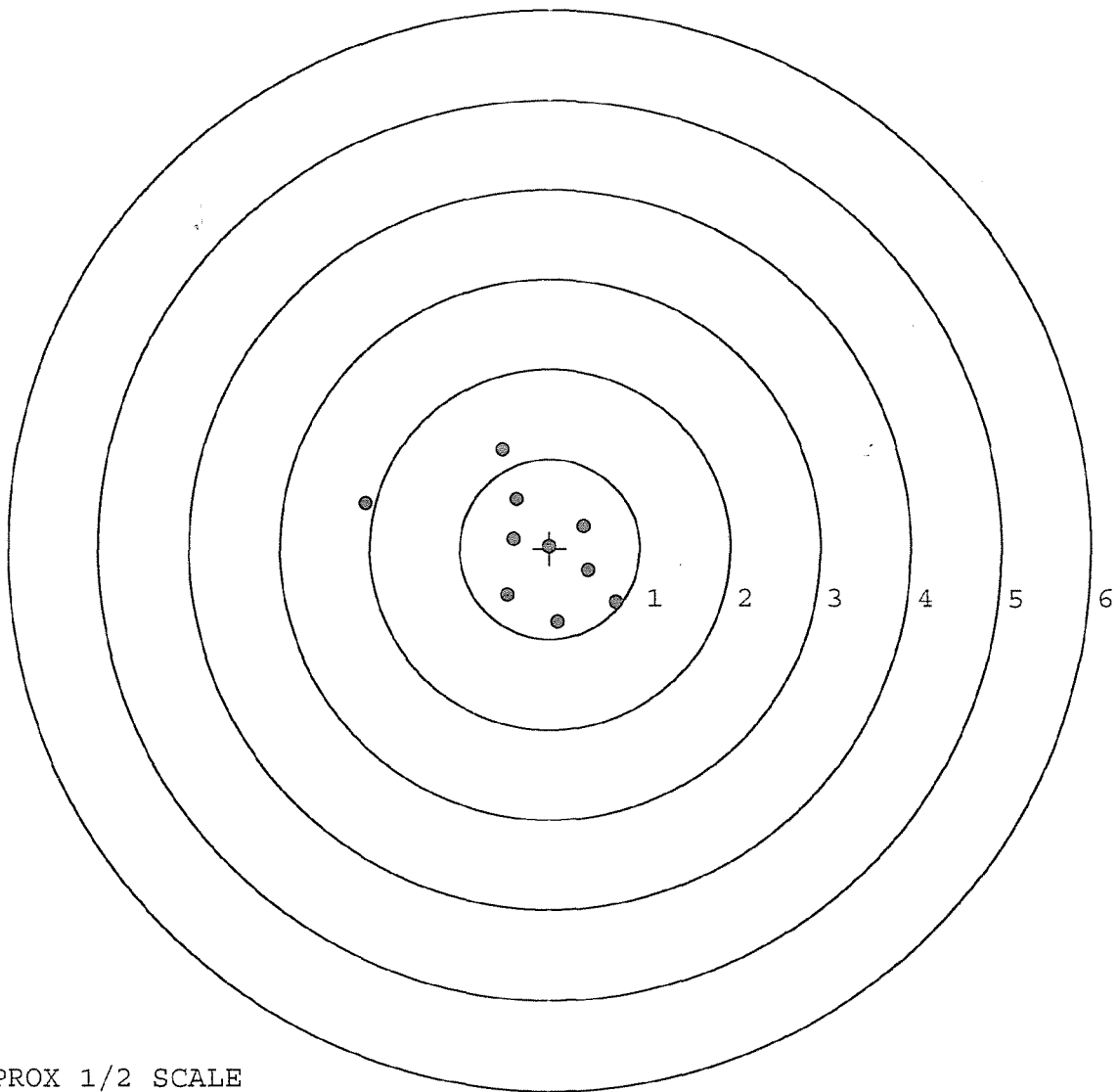
MAX RADIUS: 1.889

MEAN RADIUS: 0.795

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0143445

SERIAL NUMBER: G6635196. __0

TARGET NUMBER: 4

FILE DATE: 03/26/2007

FILE TIME: 11:58

POINT#	X	Y
1:	1.779	-1.058
2:	0.719	-0.391
3:	-0.696	-0.298
4:	-0.318	-0.370
5:	-0.269	-0.067
6:	0.193	-0.060
7:	0.061	-0.271
8:	-0.027	0.035
9:	0.019	0.382
10:	-0.017	0.686

X CENTROID: 0.144

Y CENTROID: -0.141

POA TO CENTROID: 0.202

HORZ SPREAD: 2.475

VERT SPREAD: 1.744

GROUP SPREAD: 2.589

MIN RADIUS: 0.095

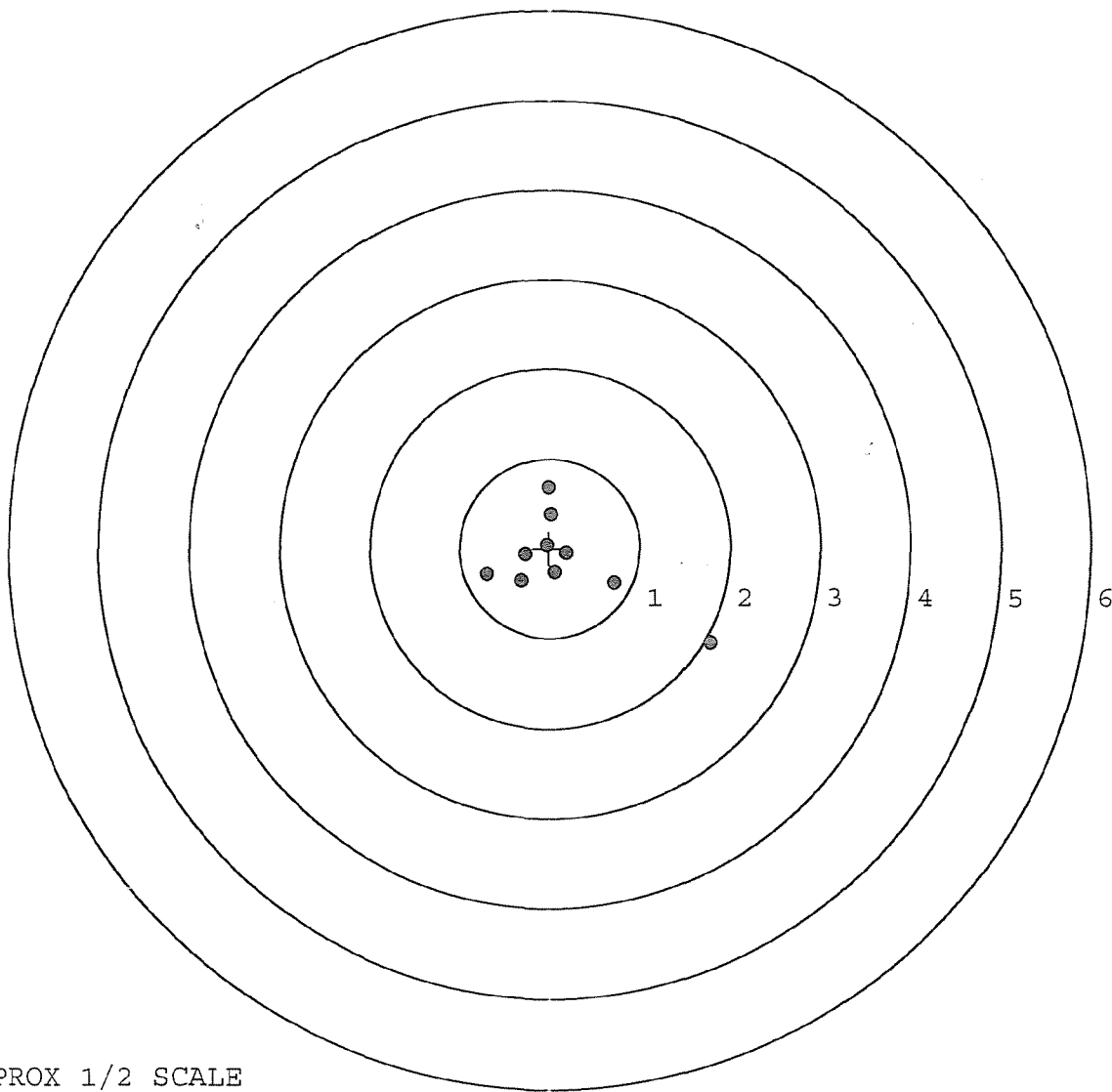
MAX RADIUS: 1.874

MEAN RADIUS: 0.617

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0143446

SERIAL NUMBER: G6635196. __0

TARGET NUMBER: 5

FILE DATE: 03/26/2007

FILE TIME: 11:58

POINT#	X	Y
1:	0.688	-0.792
2:	0.258	-0.395
3:	0.054	-0.495
4:	-0.469	-0.632
5:	-0.432	-0.131
6:	0.222	0.481
7:	-0.206	0.415
8:	-0.596	0.407
9:	-0.435	0.289
10:	2.515	-0.735

X CENTROID: 0.160

Y CENTROID: -0.159

POA TO CENTROID: 0.225

HORZ SPREAD: 3.111

VERT SPREAD: 1.273

GROUP SPREAD: 3.314

MIN RADIUS: 0.256

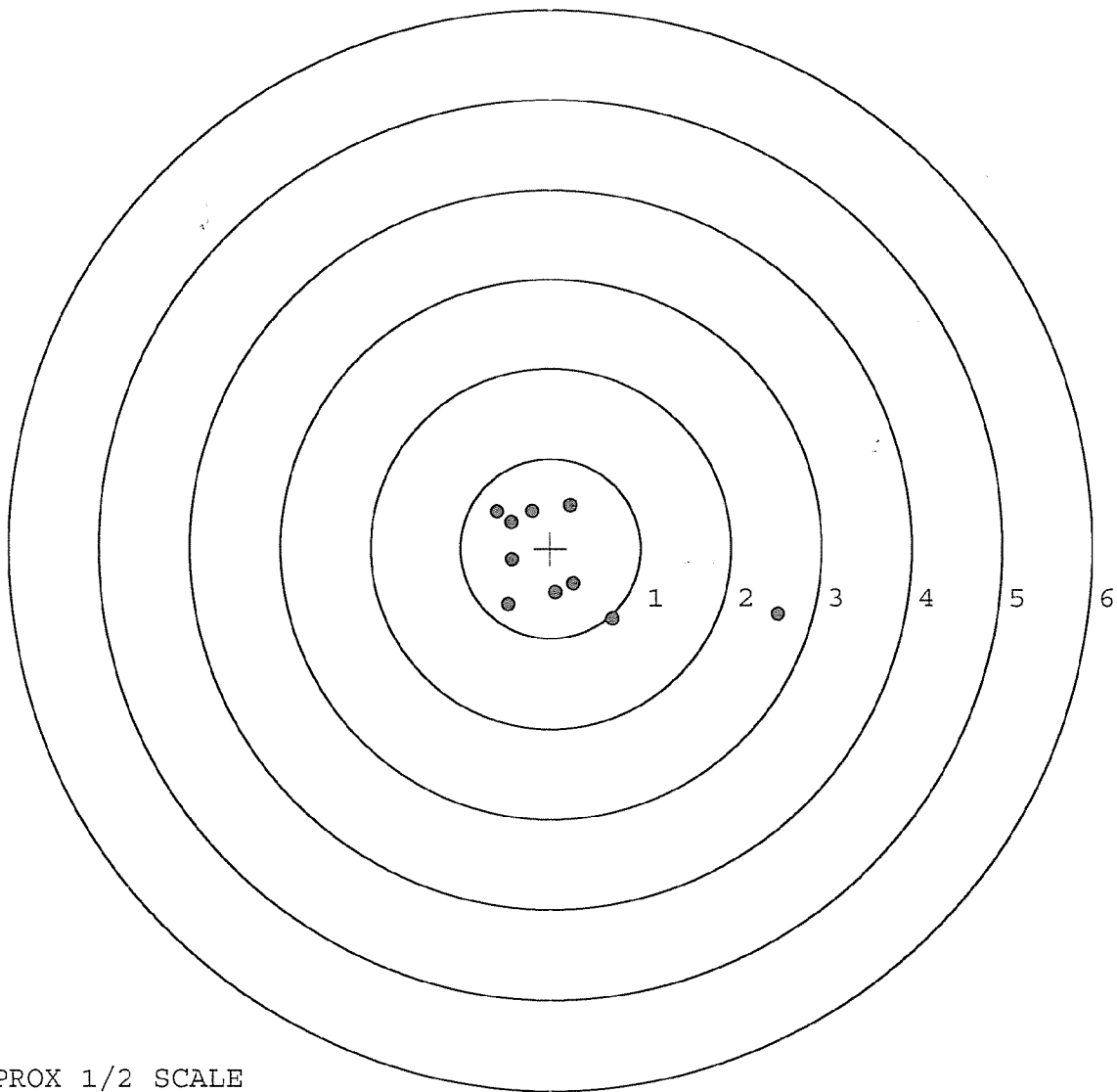
MAX RADIUS: 2.425

MEAN RADIUS: 0.825

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE