

66637698

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



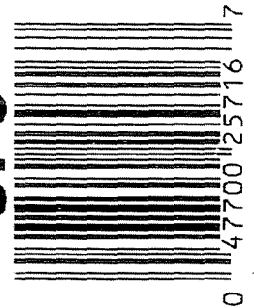
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6637698

UPC



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.



66637698

GUN SERIAL # G6637698

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		4-13-07	RTC
420	ASSEMBLE ACTION		4/13/07	APD
430	ASSEMBLE TO STOCK		4-16-07	TRW
440	PROOF	MAGNA - FLUX	4-16-07	FM
460	CHECK HEADSPACE	APR 19 2007	4-16-07	FM
470	DIS-ASSEMBLE ACTION	OPERATOR APD	4-16-07	RTC
480	MAGNAFLUX BBL ACTION		4-19-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		4-19-07	CH
510	DRILL AND TAP SIGHT HOLES		4-18-07	SD
520	GOFF BLAST BBL / REC		4/19/07	TRW
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		4/25/07	WJ
560	RE-ASSEMBLE ACTION		4-27-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4-27-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4-27-07	SD
	D) OIL FIRING PIN ASSEMBLY		5/1/07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		5/18/07	TRW

FC04 REV 5/2006

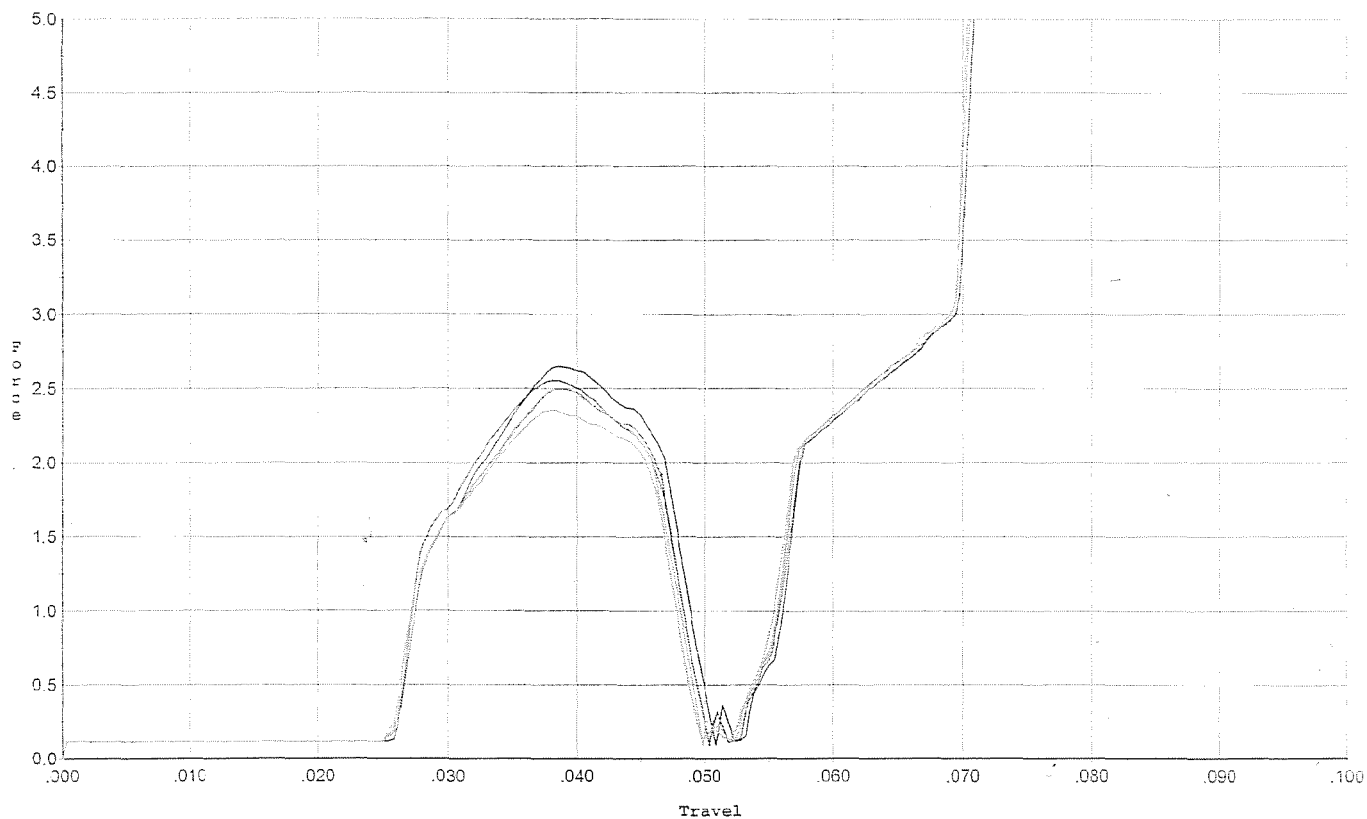
OP #	OPERATION NAME	READINGS	DATE	INITIAL
BARBER - M24 0144936				
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>6.0</u> <u>6.0</u>	5-18-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.25</u> <u>2.5</u>	5-18-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		5/18/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.023⁵</u> <u>.024</u> <u>.023⁵</u>	5-18-07	TRW
	J) ASSEMBLE STOCK		5/11/07	PPD
	K) ASSEMBLE SWIVEL STUDS		5/18/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		5/18/07	non
	M) IRON SIGHT ALIGNMENT		5/18/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		5/18/07	non
640 &	FUNCTION TEST AND	<u>PASS</u> FAIL	5/10/07	non
650	TARGET	<u>PASS</u> FAIL		
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		5-10-07	SD
670	FINAL INSPECTION A) HEADSPACE		5/18/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.70</u> <u>2.64</u> <u>2.61</u> <u>2.75</u> <u>2.77</u>	5-18-07	TRW
	C) FUNCTION		5/18/07	non
690	PACK		6/20/07	RA

FC04 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 5/1/07

Model: M24
Serial No: Form #F005
Trigger: 2.5 lbs. ini. +/- .50 lbs.



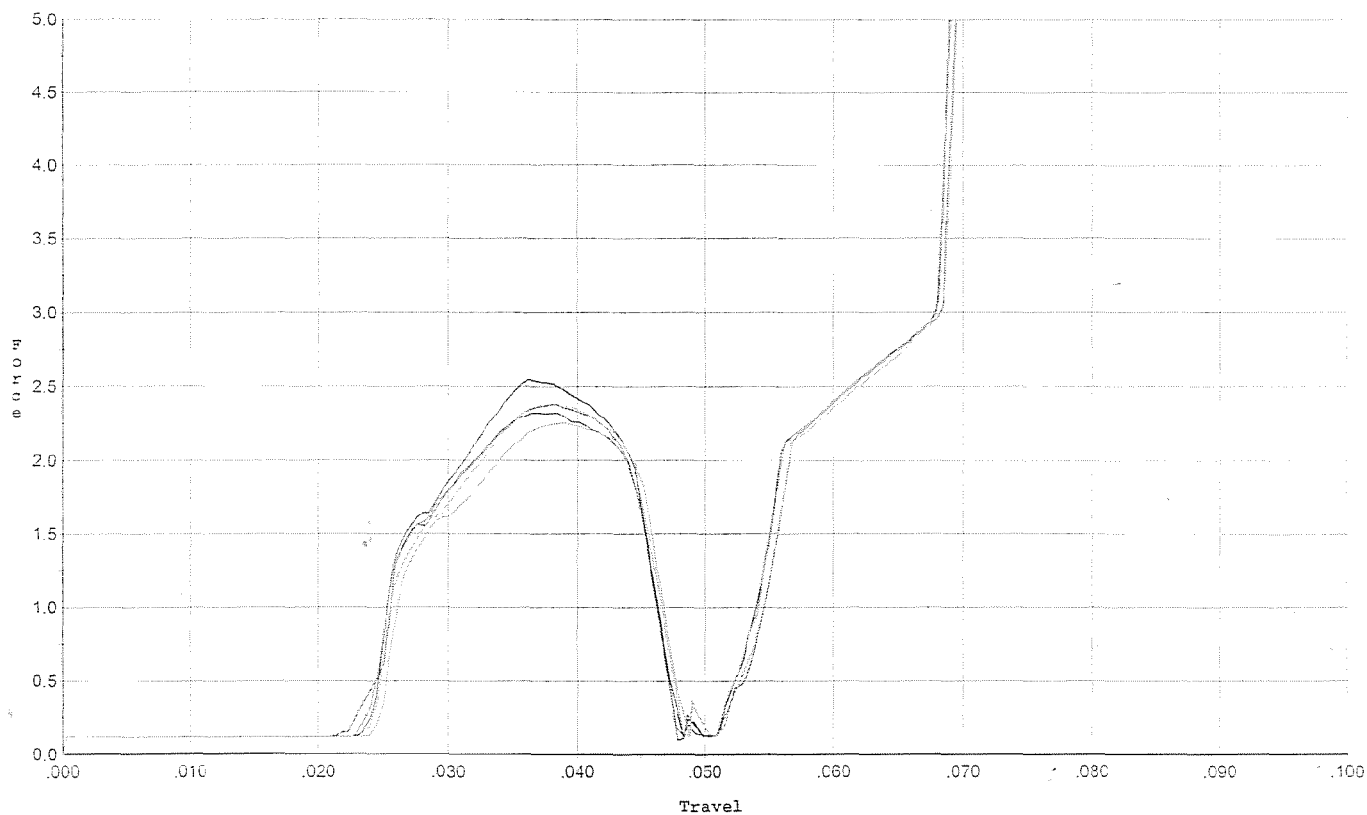
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.555	0.047	0.026	0.029	0.046		Set Trigger
2	2.652	0.047	0.026	0.028	0.047		Set Trigger
3	2.498	0.047	0.026	0.029	0.044		Set Trigger
4	2.353	0.046	0.026	0.029	0.043		Set Trigger
5	2.501	0.048	0.026	0.029	0.045		Set Trigger

2.51 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 5/1/07

Model: M24
Serial No: Form #F005
Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



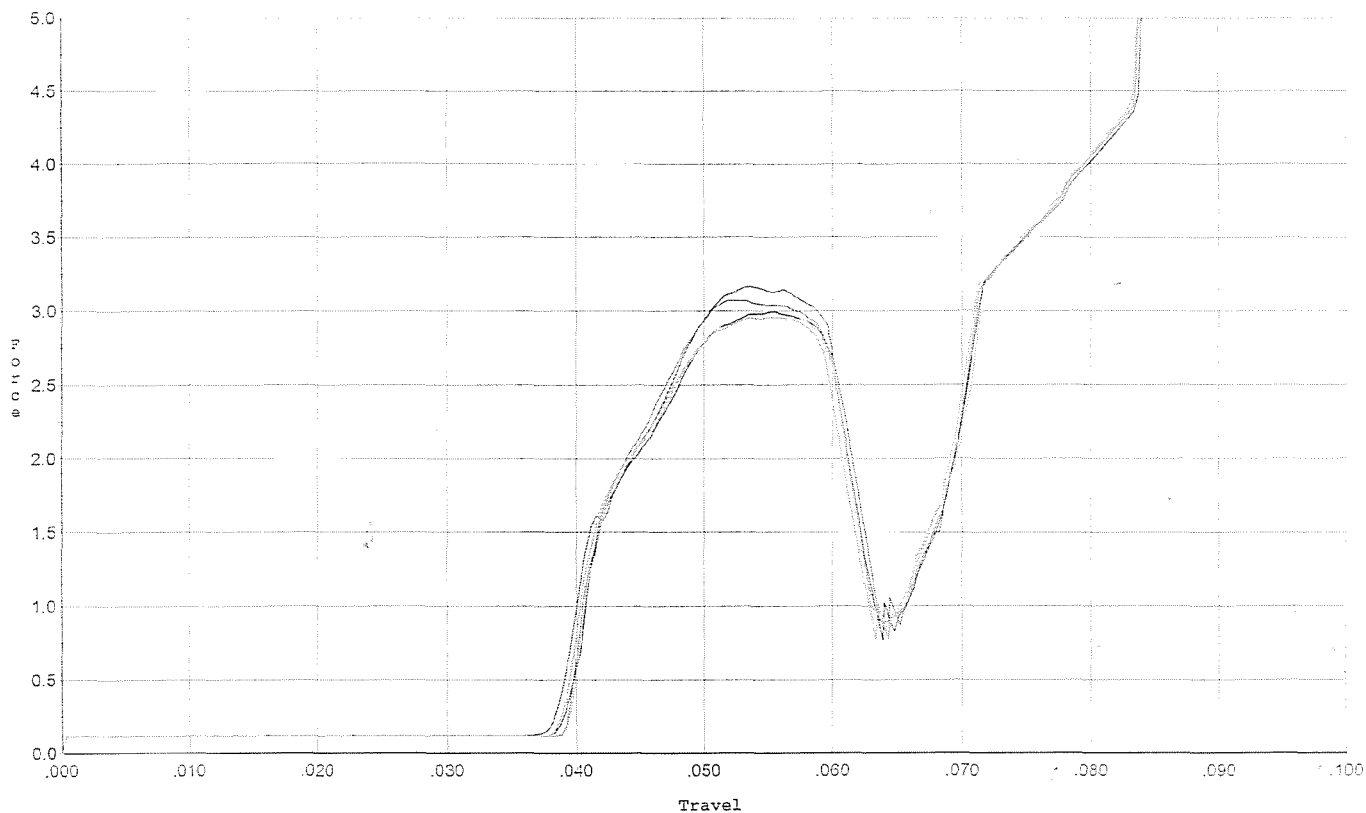
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.321	0.045	0.023	0.029	0.043		Set Trigger
2	2.543	0.045	0.024	0.029	0.045		Set Trigger
3	2.376	0.045	0.023	0.029	0.043		Set Trigger
4	2.382	0.046	0.024	0.029	0.044		Set Trigger
5	2.255	0.045	0.025	0.029	0.041		Set Trigger

2.38 Avg

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 5/1/07

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



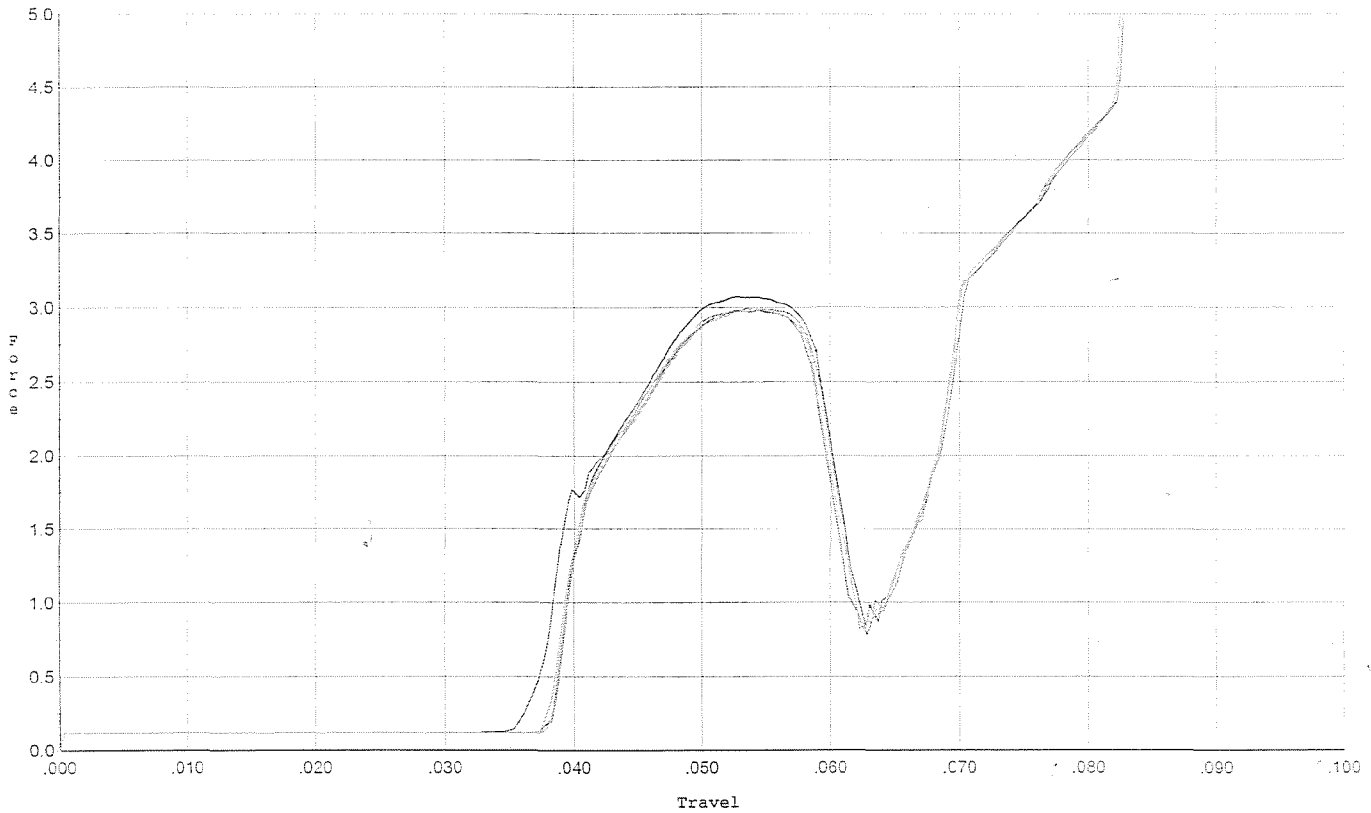
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.167	0.061	0.038	0.029	0.061		Set Trigger
2	2.995	0.060	0.039	0.030	0.056		Set Trigger
3	3.074	0.060	0.039	0.029	0.058		Set Trigger
4	2.959	0.059	0.039	0.030	0.055		Set Trigger
5	2.958	0.060	0.040	0.030	0.056		Set Trigger

3.03 Avg.

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 5/1/07

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



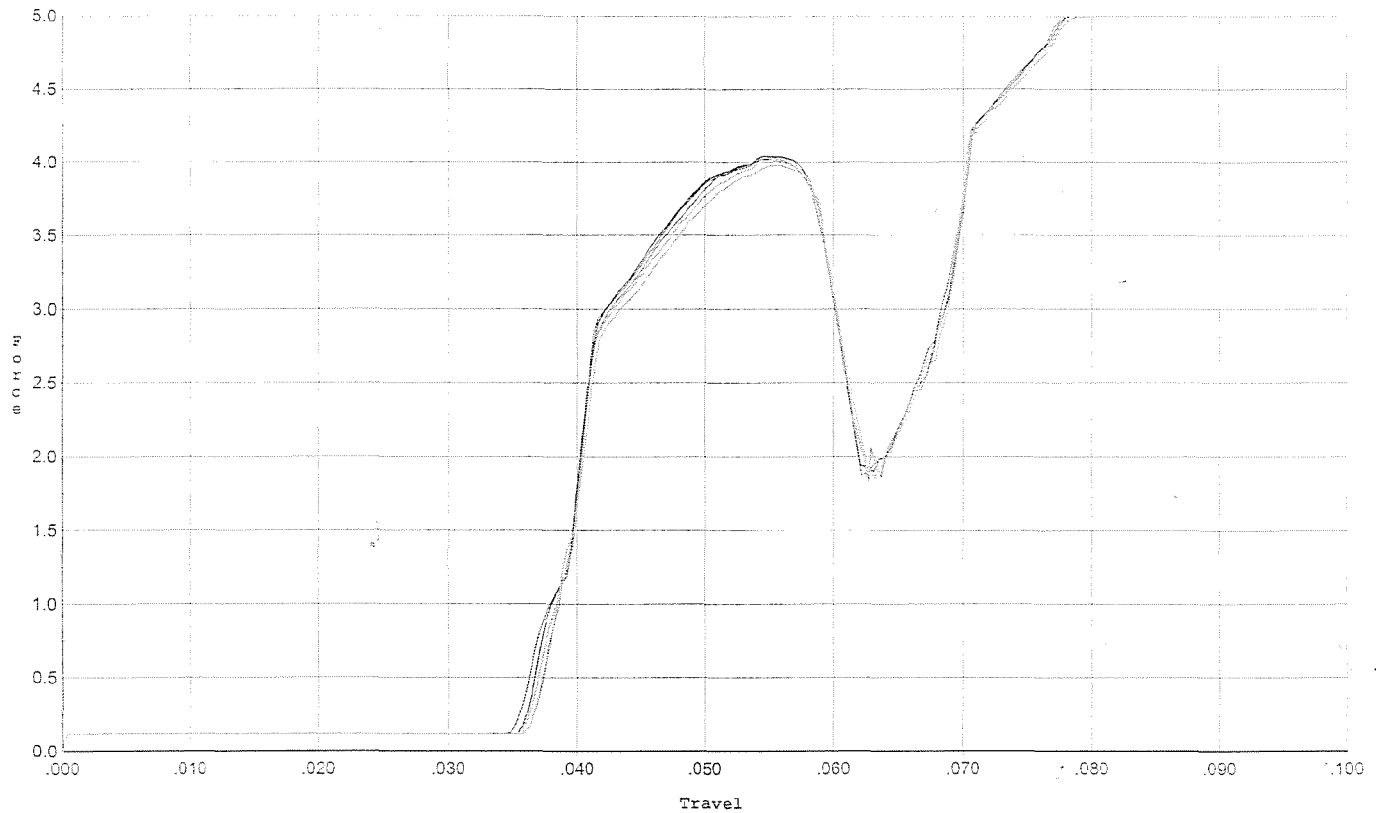
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.993	0.059	0.036	0.030	0.058		Set Trigger
2	3.073	0.059	0.038	0.029	0.058		Set Trigger
3	2.987	0.059	0.038	0.029	0.057		Set Trigger
4	3.002	0.058	0.038	0.030	0.056		Set Trigger
5	2.987	0.060	0.038	0.029	0.057		Set Trigger

3.01 Avg.

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 5/1/07

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



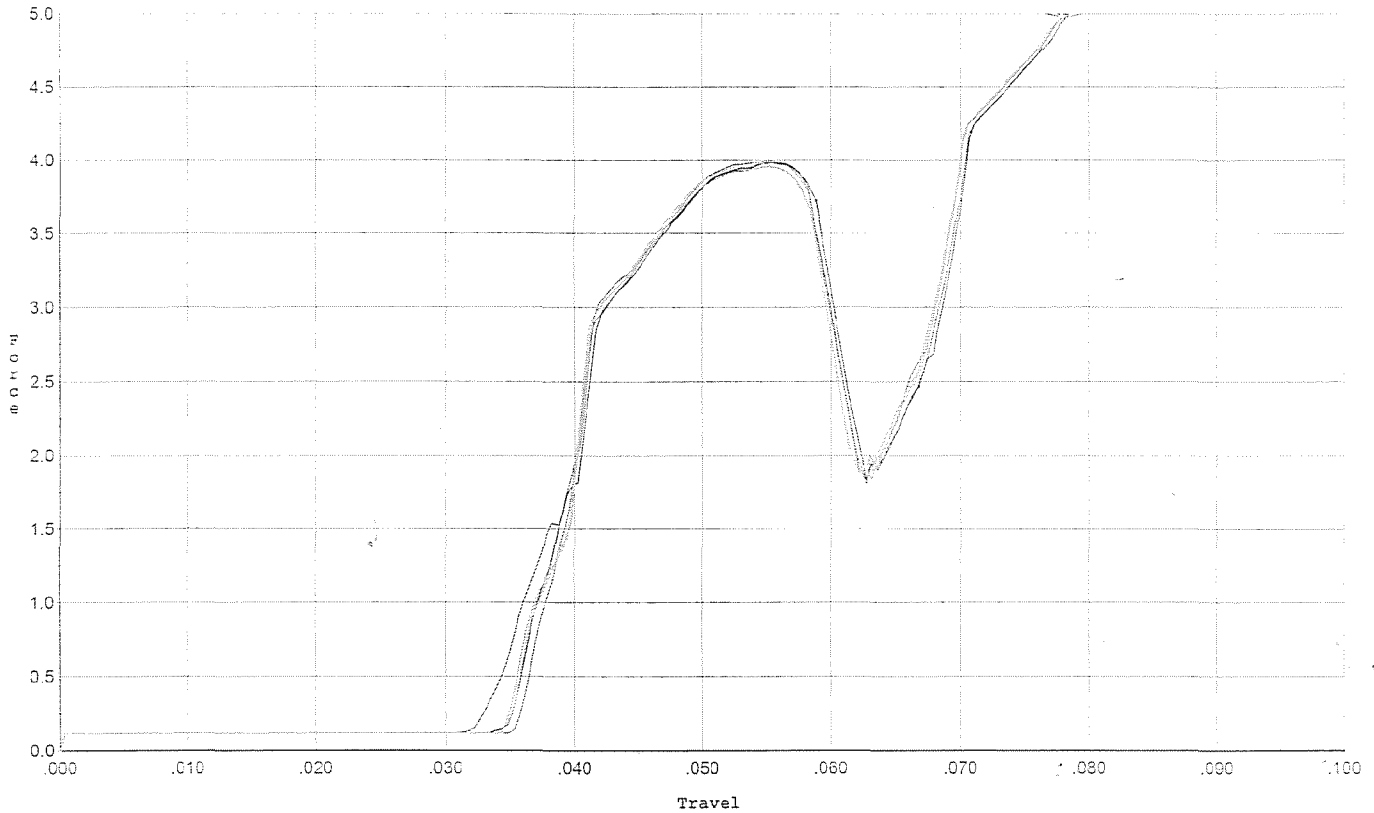
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.020	0.059	0.035	0.028	0.080		Set Trigger
2	4.038	0.059	0.036	0.028	0.080		Set Trigger
3	4.029	0.059	0.037	0.028	0.078		Set Trigger
4	4.016	0.059	0.037	0.028	0.078		Set Trigger
5	3.976	0.059	0.036	0.028	0.077		Set Trigger

4:02 Aug.

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 5/1/07

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



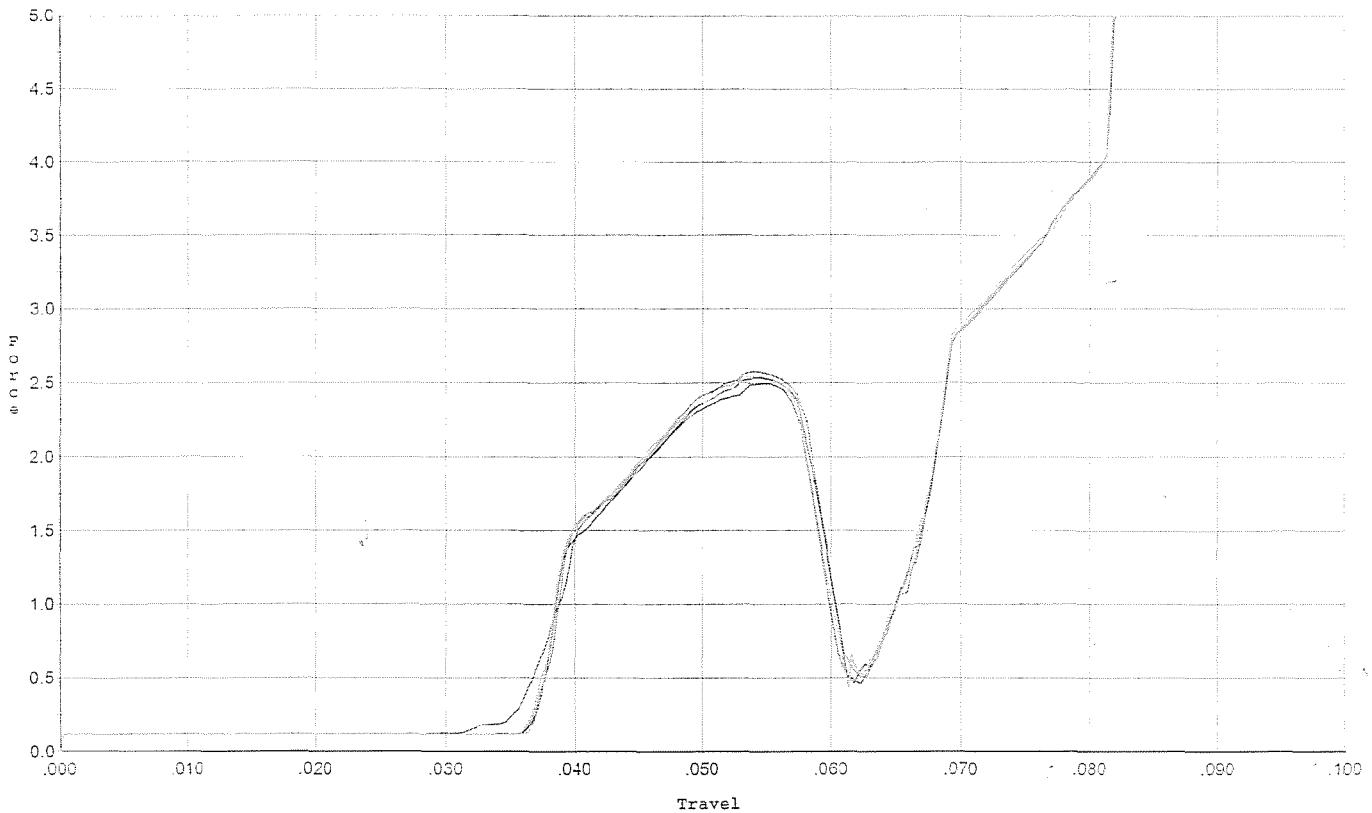
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.984	0.060	0.033	0.028	0.083		Set Trigger
2	3.981	0.059	0.035	0.028	0.080		Set Trigger
3	3.997	0.060	0.036	0.028	0.081		Set Trigger
4	3.977	0.058	0.035	0.028	0.079		Set Trigger
5	3.955	0.059	0.035	0.028	0.079		Set Trigger

3.98 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 5/1/07

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



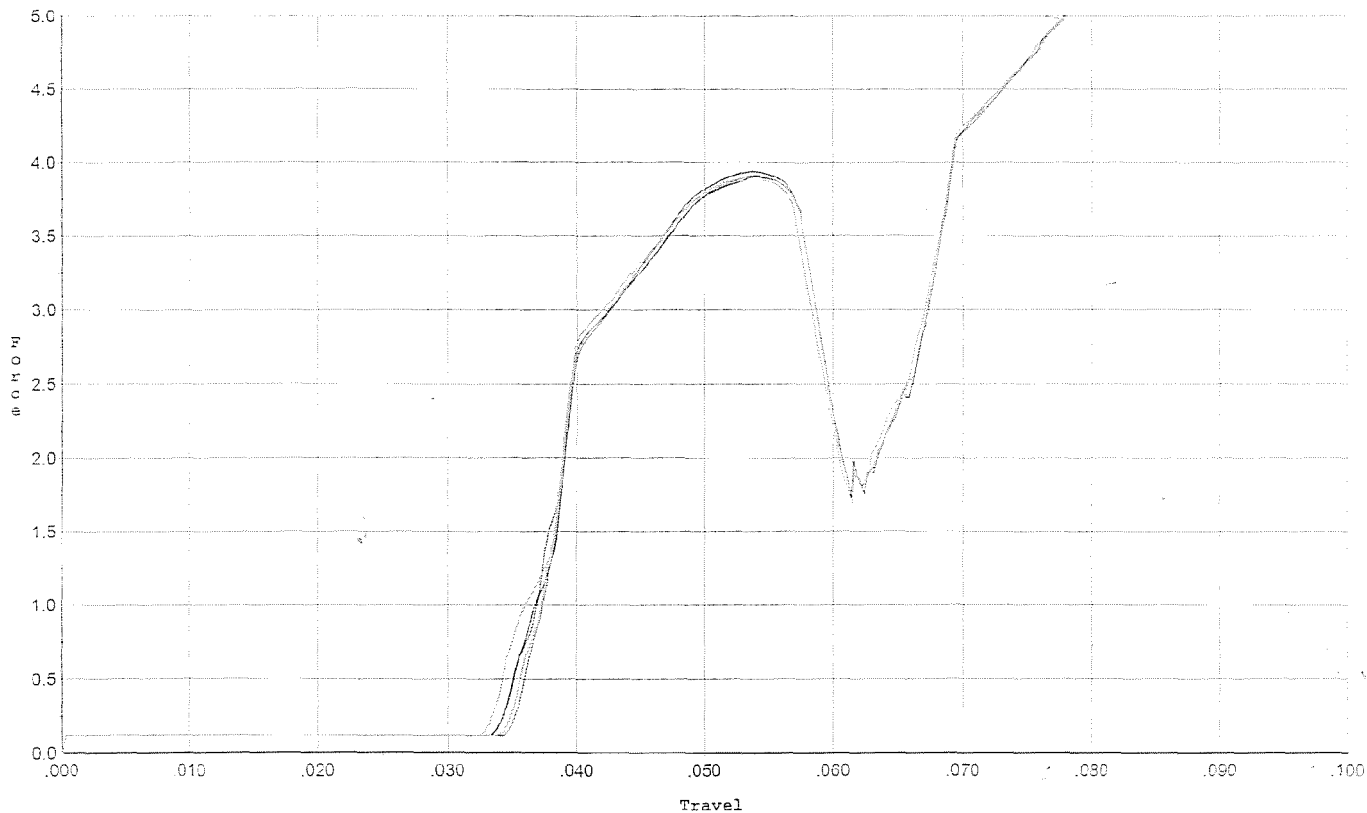
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.496	0.058	0.036	0.031	0.047		Set Trigger
2	2.536	0.059	0.037	0.030	0.048		Set Trigger
3	2.579	0.058	0.037	0.030	0.048		Set Trigger
4	2.532	0.057	0.037	0.030	0.047		Set Trigger
5	2.547	0.057	0.037	0.031	0.047		Set Trigger

2.54 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 5/1/07

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	3.939	0.057	0.034	0.028	0.077		Set Trigger
2	3.907	0.057	0.034	0.028	0.076		Set Trigger
3	3.915	0.057	0.035	0.028	0.075		Set Trigger
4	3.895	0.057	0.033	0.028	0.076		Set Trigger
5	3.920	0.057	0.035	0.028	0.076		Set Trigger

3.92 Avg.

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637698.___0
FILE DATE AND TIME: 05/10/2007 23:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.038
The Average Y Centroid of the Five Target Set:	-0.248
The Average Point of Impact of the Five Target Set:	0.251
The Average Mean Radius of the Five Target Set:	0.805
The Distance from POA to Centroid Target #1:	0.354
The Distance from Centroid Target #2 to Centroid Target #1:	0.233
The Distance from Centroid Target #3 to Centroid Target #1:	0.192
The Distance from Centroid Target #4 to Centroid Target #1:	0.256
The Distance from Centroid Target #5 to Centroid Target #1:	0.411

BARBER - M24 0144946

SERIAL NUMBER: G6637698. __0

TARGET NUMBER: 1

FILE DATE: 05/10/2007

FILE TIME: 23:32

POINT#	X	Y
1:	-0.557	0.242
2:	-0.178	0.450
3:	0.323	0.562
4:	0.818	0.584
5:	0.678	0.172
6:	-0.163	-0.702
7:	-0.114	-0.951
8:	0.739	-1.223
9:	0.683	-1.131
10:	-0.869	-1.275

X CENTROID: 0.136

Y CENTROID: -0.327

POA TO CENTROID: 0.354

HORZ SPREAD: 1.687

VERT SPREAD: 1.859

GROUP SPREAD: 2.510

MIN RADIUS: 0.479

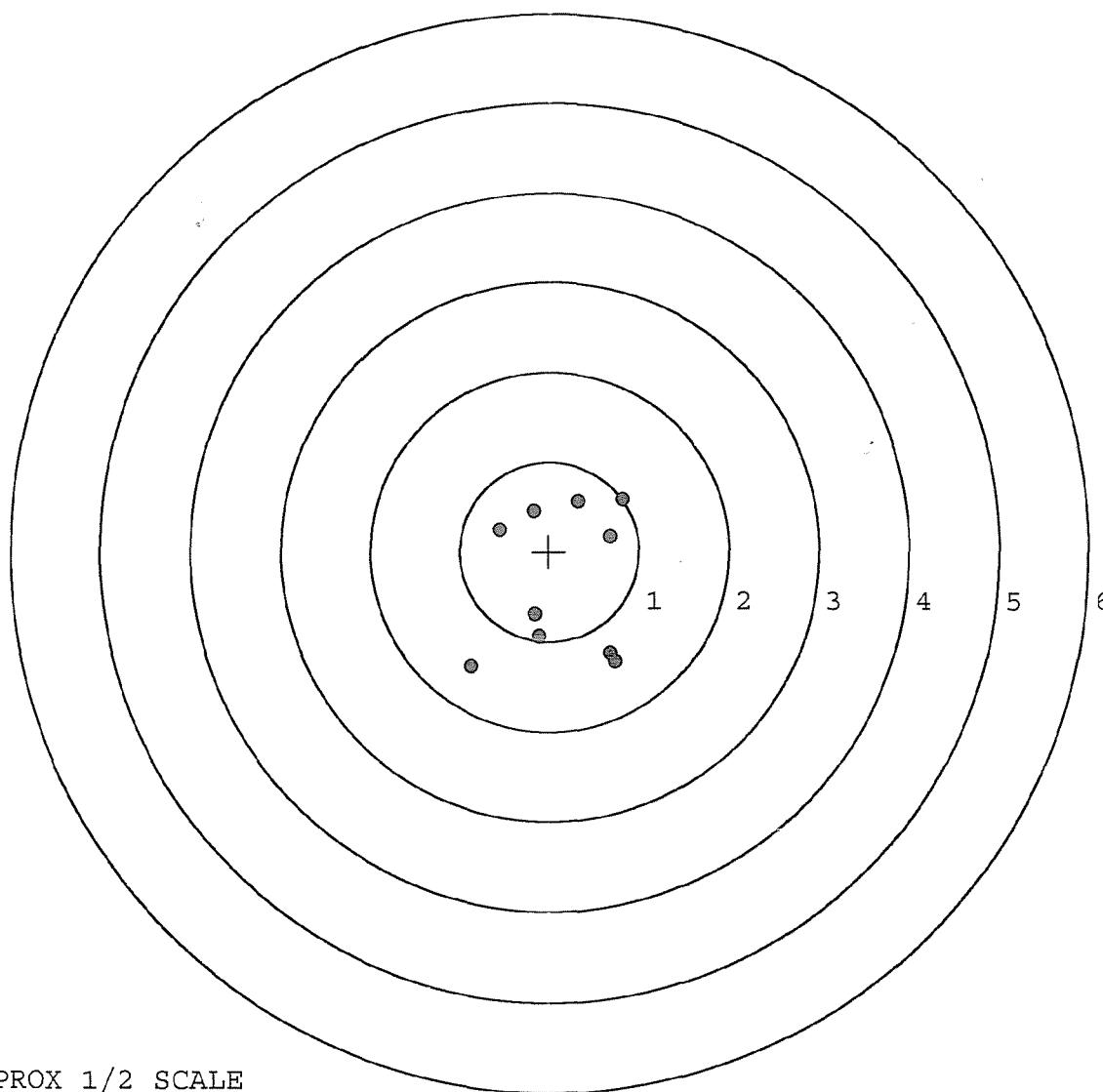
MAX RADIUS: 1.381

MEAN RADIUS: 0.910

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0144947

SERIAL NUMBER: G6637698. __0

TARGET NUMBER: 2

FILE DATE: 05/10/2007

FILE TIME: 23:32

POINT#	X	Y
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1:	-0.528	0.271
----	--------	-------

2:	-0.431	0.040
----	--------	-------

3:	0.302	0.494
----	-------	-------

4:	0.414	0.204
----	-------	-------

5:	-0.235	-0.410
----	--------	--------

6:	0.097	-0.416
----	-------	--------

7:	-0.252	-0.926
----	--------	--------

8:	1.218	-0.604
----	-------	--------

9:	-0.326	0.123
----	--------	-------

10:	0.103	0.052
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X CENTROID: 0.036

Y CENTROID: -0.117

POA TO CENTROID: 0.123

HORZ SPREAD: 1.746

VERT SPREAD: 1.420

GROUP SPREAD: 1.953

MIN RADIUS: 0.182

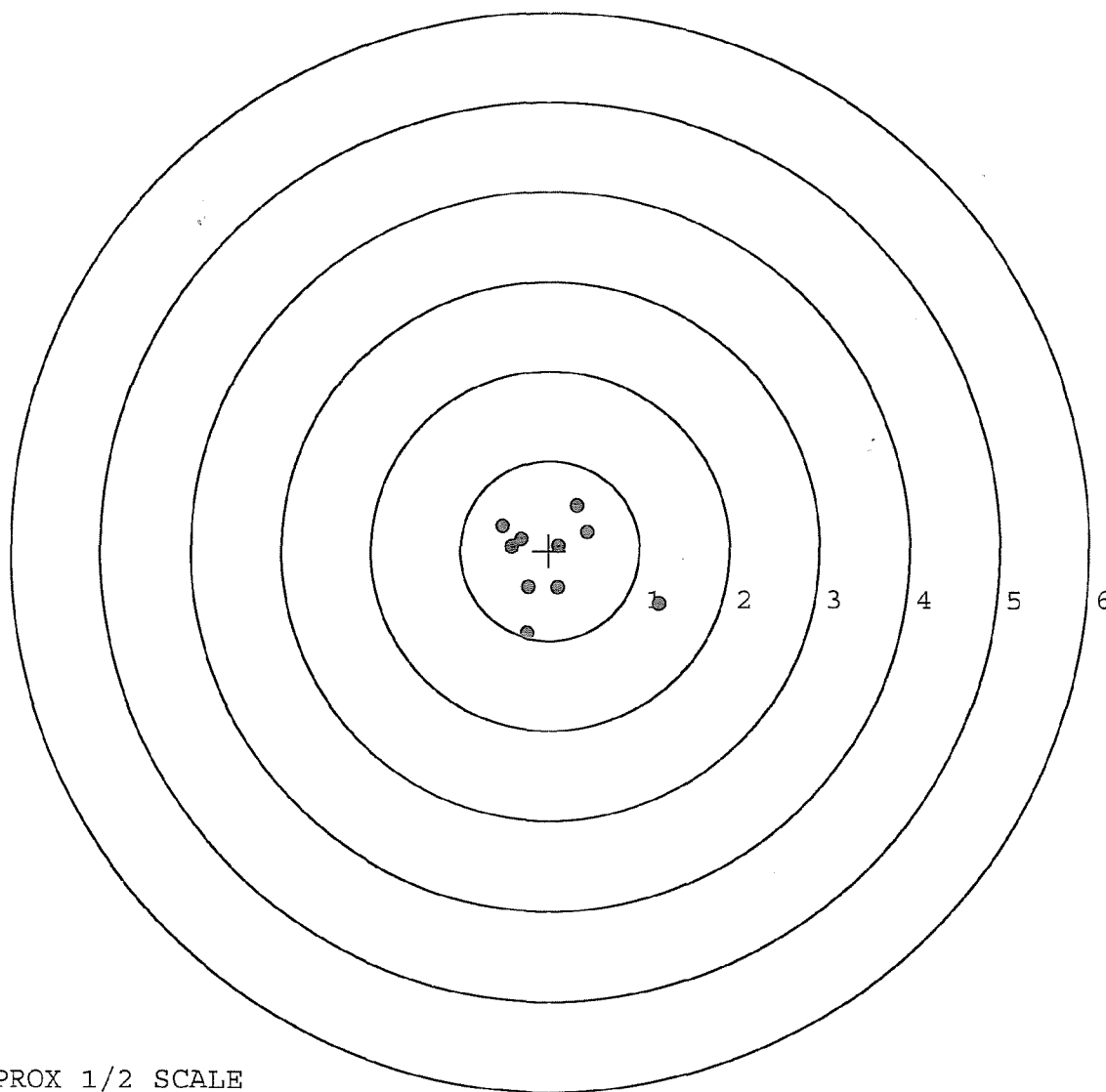
MAX RADIUS: 1.278

MEAN RADIUS: 0.580

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0144948

SERIAL NUMBER: G6637698. __0

TARGET NUMBER: 3

FILE DATE: 05/10/2007

FILE TIME: 23:32

POINT#	X	Y
1:	-0.031	0.590
2:	-0.479	0.282
3:	0.539	0.343
4:	1.612	0.659
5:	0.305	-0.226
6:	0.264	-0.577
7:	-0.158	-0.333
8:	-0.470	-0.258
9:	-0.410	-0.755
10:	0.033	-1.088

X CENTROID: 0.120

Y CENTROID: -0.136

POA TO CENTROID: 0.182

HORZ SPREAD: 2.091

VERT SPREAD: 1.747

GROUP SPREAD: 2.467

MIN RADIUS: 0.205

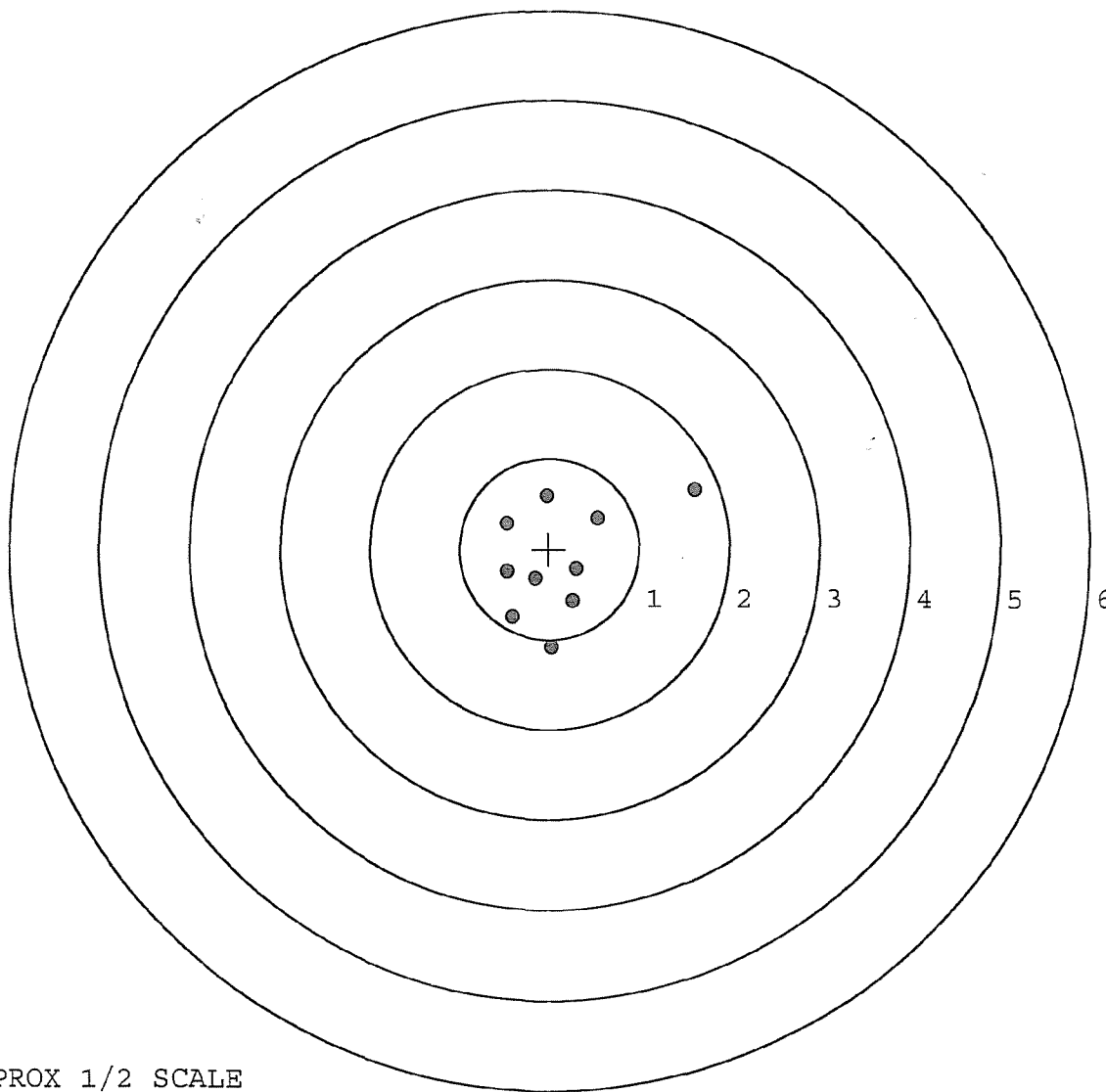
MAX RADIUS: 1.690

MEAN RADIUS: 0.718

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0144949

SERIAL NUMBER: G6637698. __0

TARGET NUMBER: 4

FILE DATE: 05/10/2007

FILE TIME: 23:32

POINT#	X	Y
1:	0.461	0.449
2:	0.587	0.219
3:	1.159	0.308
4:	-0.177	-0.075
5:	-0.465	-0.258
6:	-0.605	-0.815
7:	-1.254	-1.033
8:	-0.877	-2.455
9:	1.242	-1.152
10:	0.839	-0.977

X CENTROID: 0.091

Y CENTROID: -0.579

POA TO CENTROID: 0.586

HORZ SPREAD: 2.496

VERT SPREAD: 2.904

GROUP SPREAD: 3.432

MIN RADIUS: 0.571

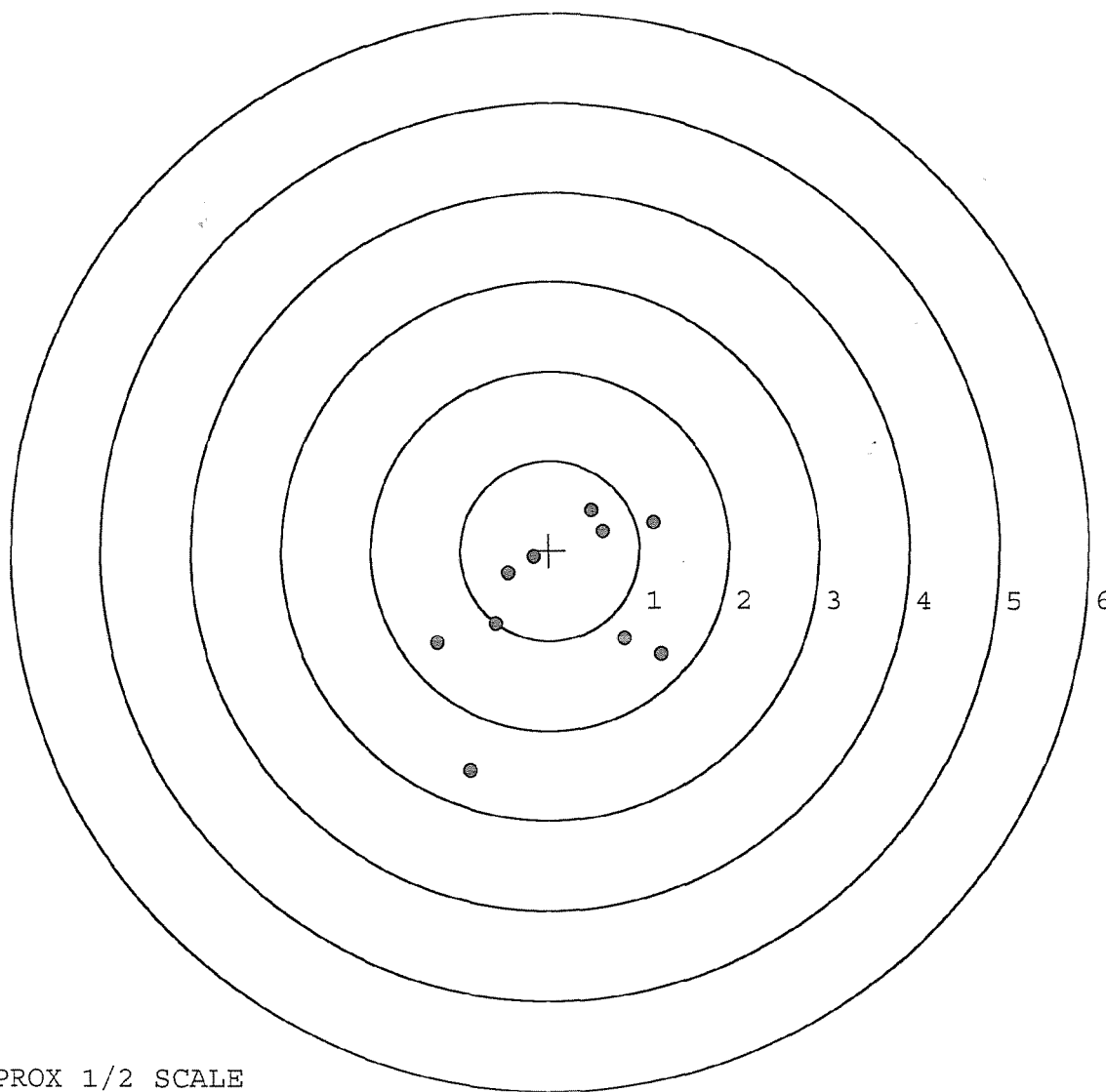
MAX RADIUS: 2.111

MEAN RADIUS: 1.103

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0144950

SERIAL NUMBER: G6637698. __0

TARGET NUMBER: 5

FILE DATE: 05/10/2007

FILE TIME: 23:32

POINT#	X	Y
1:	0.126	0.927
2:	0.033	0.425
3:	0.393	0.164
4:	0.442	-0.283
5:	0.377	-0.741
6:	-0.061	-0.474
7:	-0.408	-0.394
8:	-0.775	-0.655
9:	-0.839	0.117
10:	-1.215	0.112

X CENTROID: -0.193

Y CENTROID: -0.080

POA TO CENTROID: 0.209

HORZ SPREAD: 1.657

VERT SPREAD: 1.668

GROUP SPREAD: 1.821

MIN RADIUS: 0.381

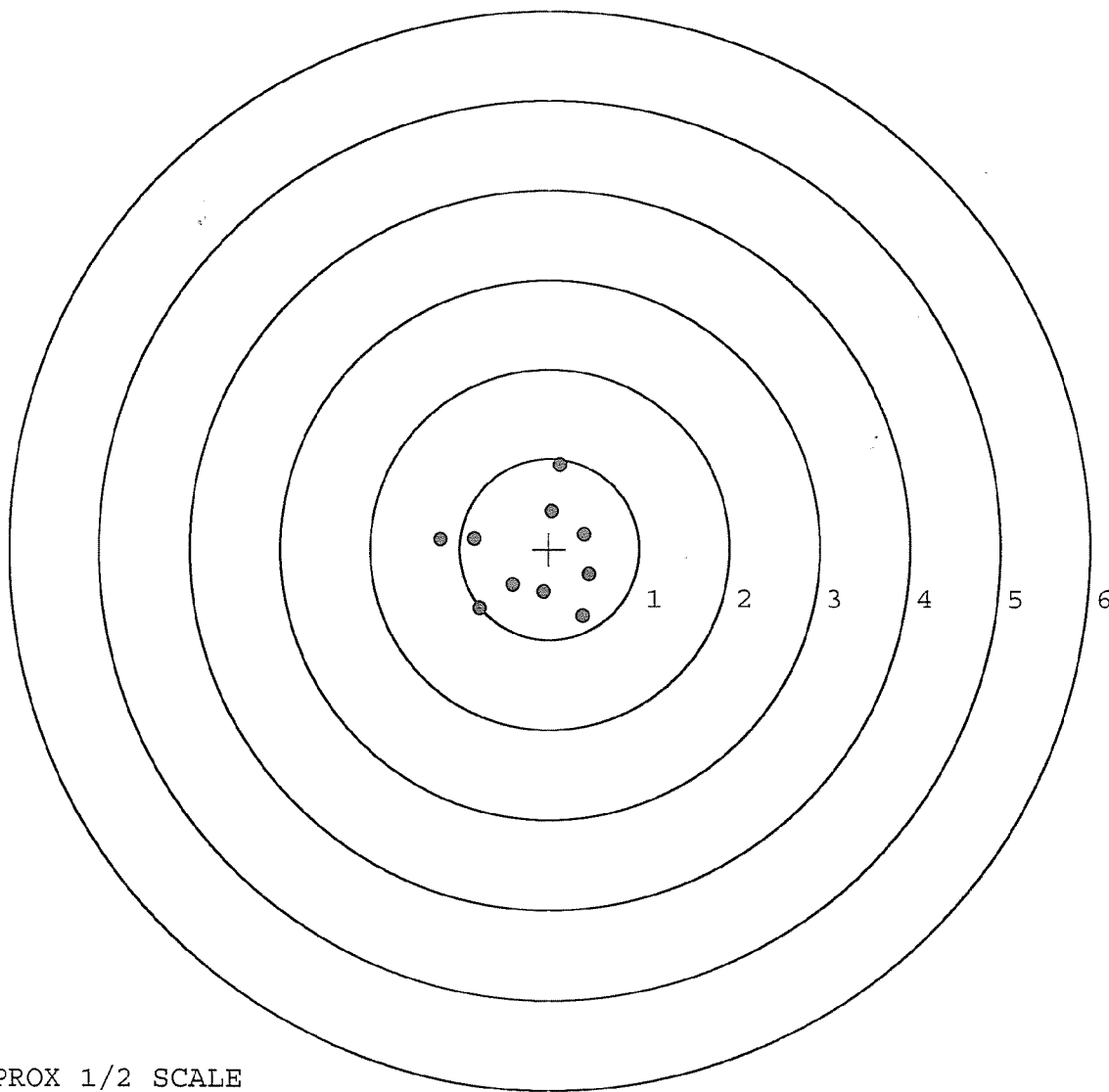
MAX RADIUS: 1.056

MEAN RADIUS: 0.711

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE