

G6635172

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



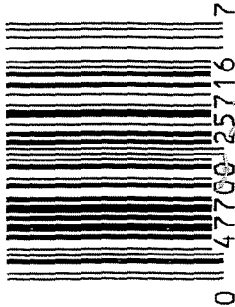
owner registration sticker



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6635172

UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTI
UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTI
UPC



SERIAL NO.



GUN SERIAL # G 6635172

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-23-07	RTZ
420	ASSEMBLE ACTION		3-23-07	RTZ
430	ASSEMBLE TO STOCK		3-23-07	TRW
440	PROOF		3-23-07	Fm
460	CHECK HEADSPACE	INSPECTED	3-23-07	Fm
470	DIS-ASSEMBLE ACTION	MAR 26 2007	3-23-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CPD</u>	3-26-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-26-07	CW
510	DRILL AND TAP SIGHT HOLES		3-23-07	SD
520	GOFF BLAST BBL / REC		3-27-07	LG
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-30-07	W
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		4/11/07	CPD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4/11/07	CPD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4/11/07	CPD
	D) OIL FIRING PIN ASSEMBLY		4/17/07	CPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/18/07	W

F004 REV 5/2006

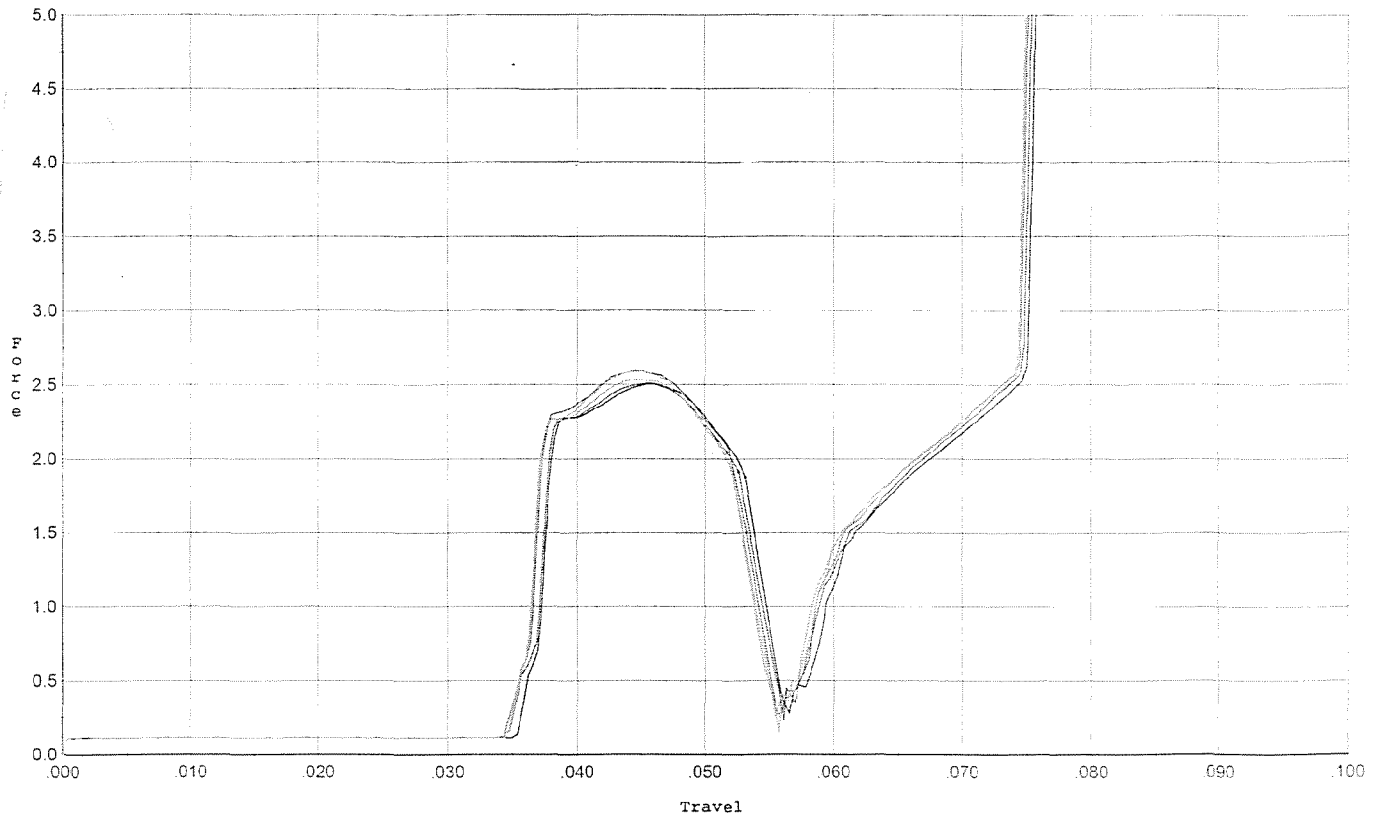
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.25</u> <u>7.25</u> <u>7.0</u>	4-18-07	TRW
CONT:				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.75</u> <u>2.75</u> <u>3.0</u>	4-18-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		4/18/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.024</u>	4-18-07	TRW
	J) ASSEMBLE STOCK		4/17/07	DRW
	K) ASSEMBLE SWIVEL STUDS		4/18/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/18/07	non
	M) IRON SIGHT ALIGNMENT		4/18/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/18/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	4-18-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4/18/07	W.L.
670	FINAL INSPECTION A) HEADSPACE		4/18/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.03</u> <u>2.10</u> <u>2.07</u> <u>2.10</u> <u>2.10</u>	4-18-07	TRW
	C) FUNCTION		4/18/07	non
690	PACK		4/20/07	DA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 4/16/07

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



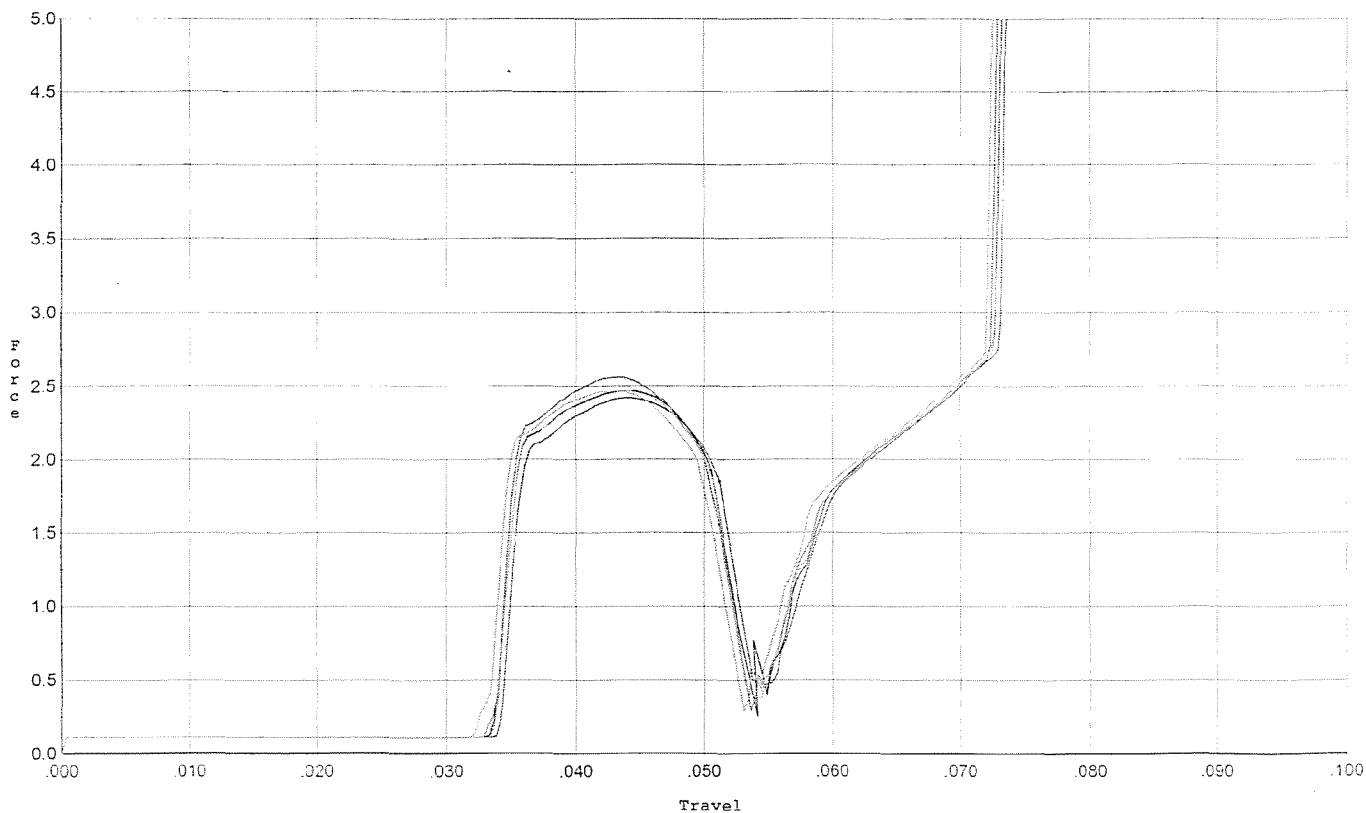
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.510	0.053	0.035	0.029	0.042		Set Trigger
2	2.506	0.053	0.036	0.029	0.042		Set Trigger
3	2.592	0.053	0.035	0.029	0.044		Set Trigger
4	2.590	0.052	0.035	0.030	0.042		Set Trigger
5	2.533	0.052	0.035	0.029	0.042		Set Trigger

Avg 2.54

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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



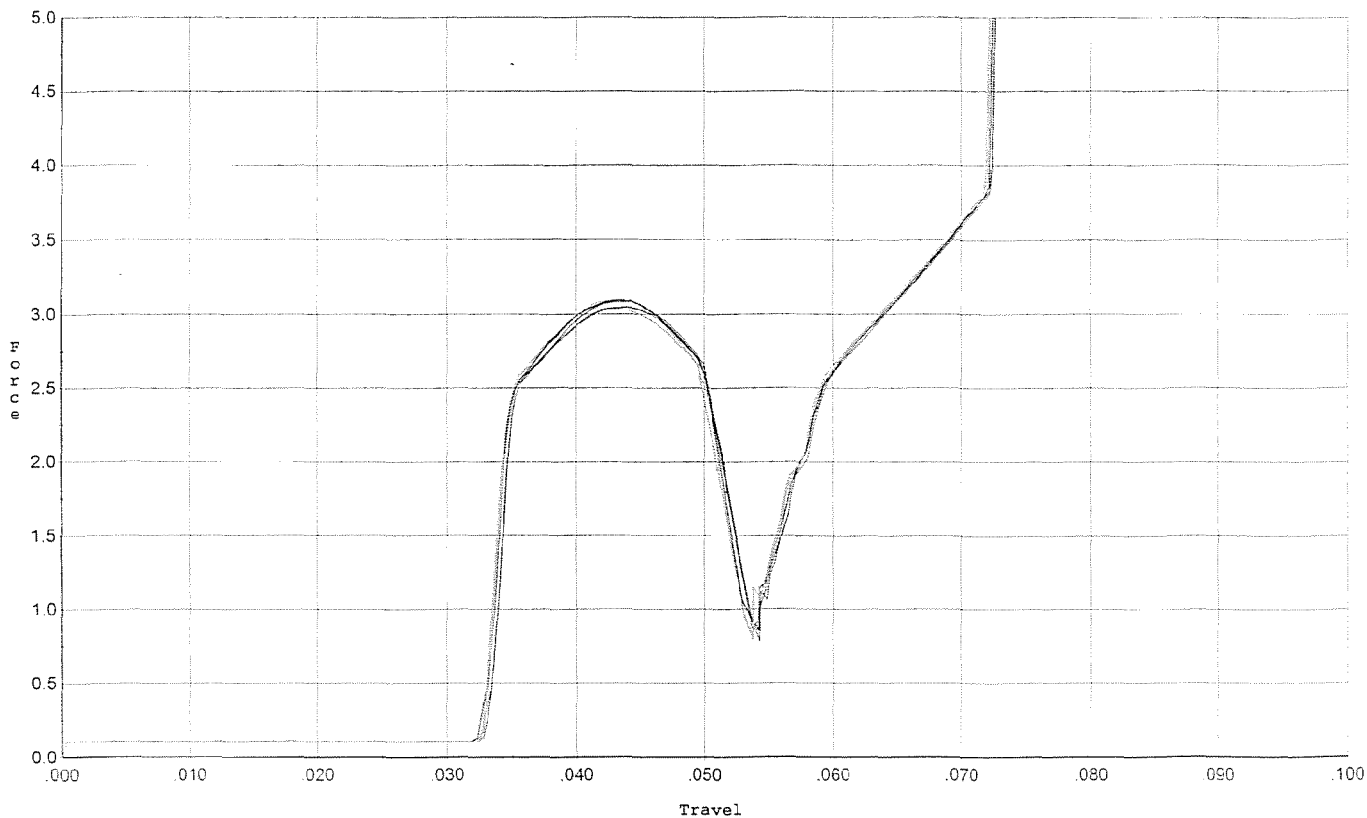
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.419	0.051	0.034	0.029	0.041		Set Trigger
2	2.467	0.051	0.034	0.029	0.042		Set Trigger
3	2.561	0.051	0.033	0.029	0.043		Set Trigger
4	2.471	0.051	0.034	0.029	0.041		Set Trigger
5	2.466	0.051	0.033	0.029	0.042		Set Trigger

AVG 2.47

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 4/16/07

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



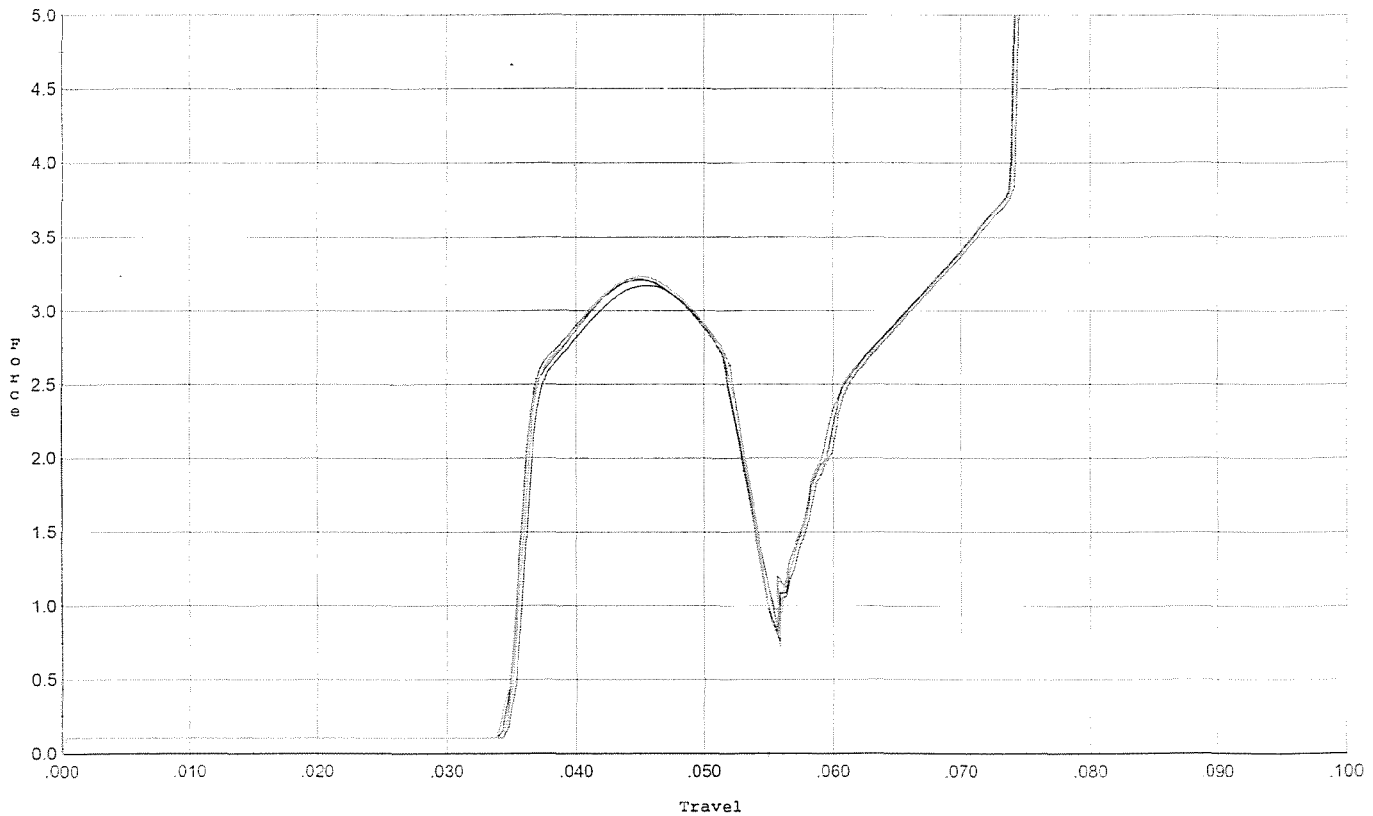
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.047	0.052	0.033	0.028	0.053		Set Trigger
2	3.095	0.050	0.033	0.028	0.052		Set Trigger
3	3.085	0.051	0.033	0.028	0.053		Set Trigger
4	3.099	0.051	0.033	0.028	0.053		Set Trigger
5	3.034	0.050	0.033	0.028	0.051		Set Trigger

Avg 3.07

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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



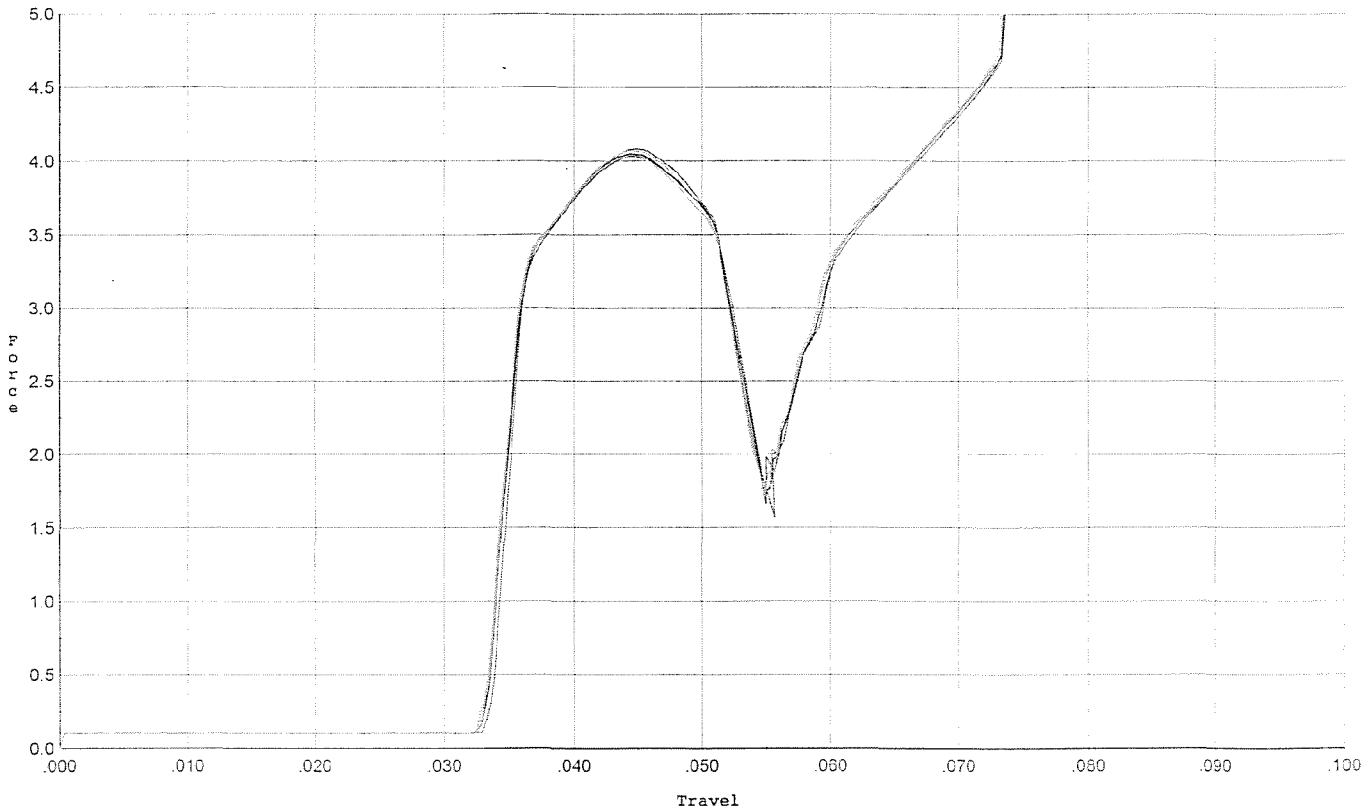
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.169	0.052	0.035	0.028	0.052		Set Trigger
2	3.212	0.053	0.035	0.028	0.054		Set Trigger
3	3.220	0.053	0.035	0.028	0.055		Set Trigger
4	3.234	0.052	0.034	0.028	0.054		Set Trigger
5	3.238	0.052	0.035	0.028	0.054		Set Trigger

Avg 3.21

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 4/16/07

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



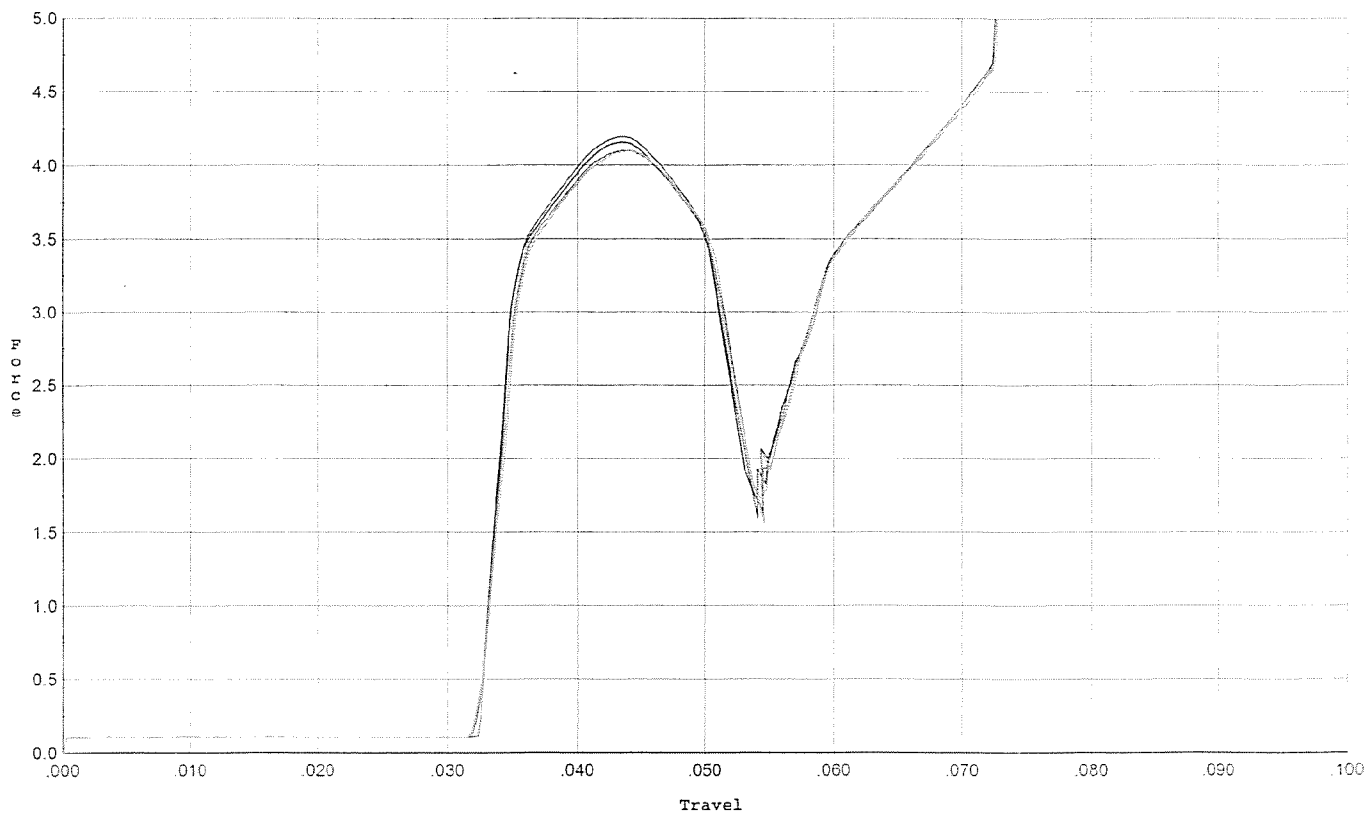
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.034	0.051	0.033	0.026	0.069		Set Trigger
2	4.047	0.053	0.033	0.026	0.072		Set Trigger
3	4.082	0.052	0.033	0.026	0.071		Set Trigger
4	4.069	0.051	0.033	0.026	0.069		Set Trigger
5	4.028	0.051	0.033	0.026	0.069		Set Trigger

AVG 4.05

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 4/16/07

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



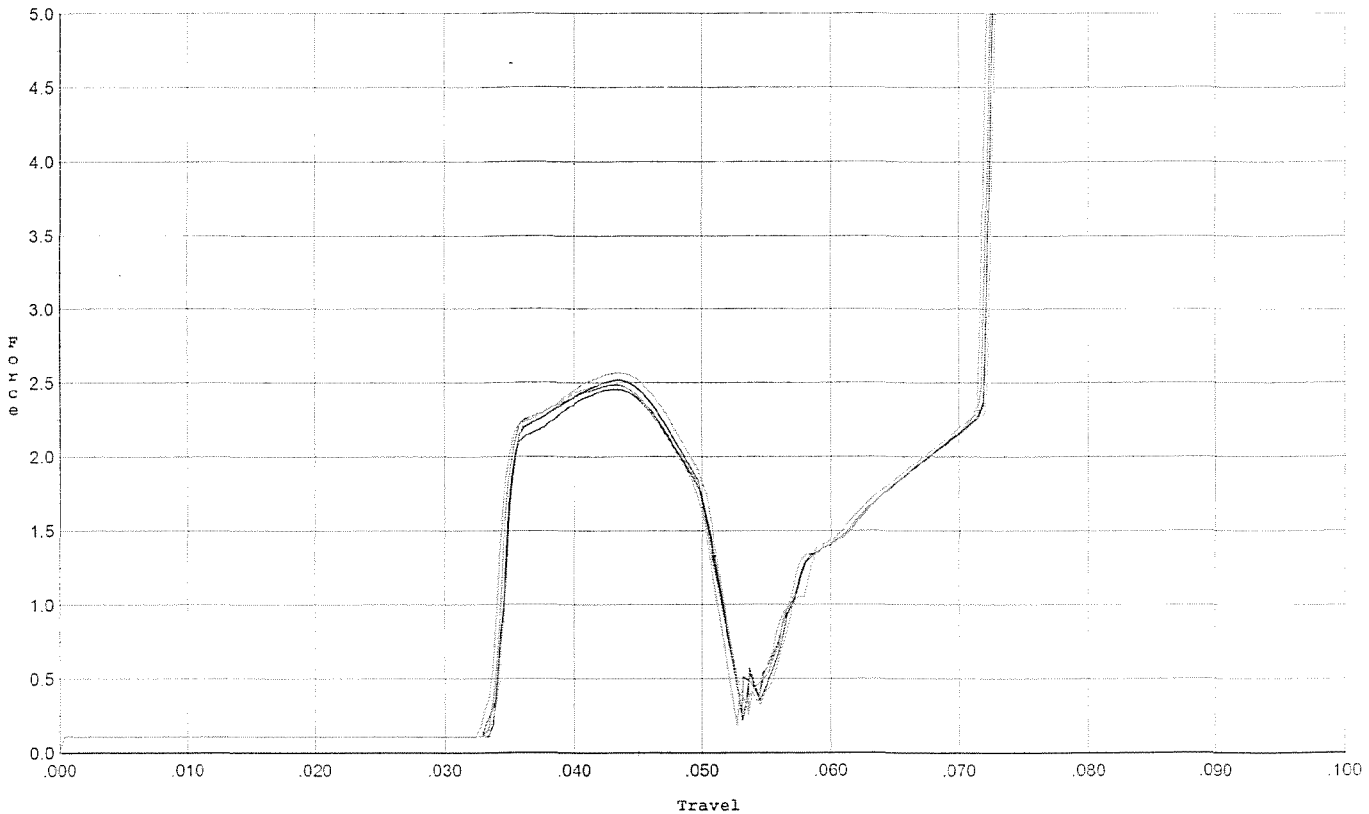
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.193	0.050	0.033	0.026	0.069		Set Trigger
2	4.155	0.050	0.032	0.026	0.069		Set Trigger
3	4.099	0.051	0.032	0.026	0.071		Set Trigger
4	4.093	0.051	0.032	0.026	0.070		Set Trigger
5	4.101	0.052	0.032	0.026	0.071		Set Trigger

AUG 4, 12

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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



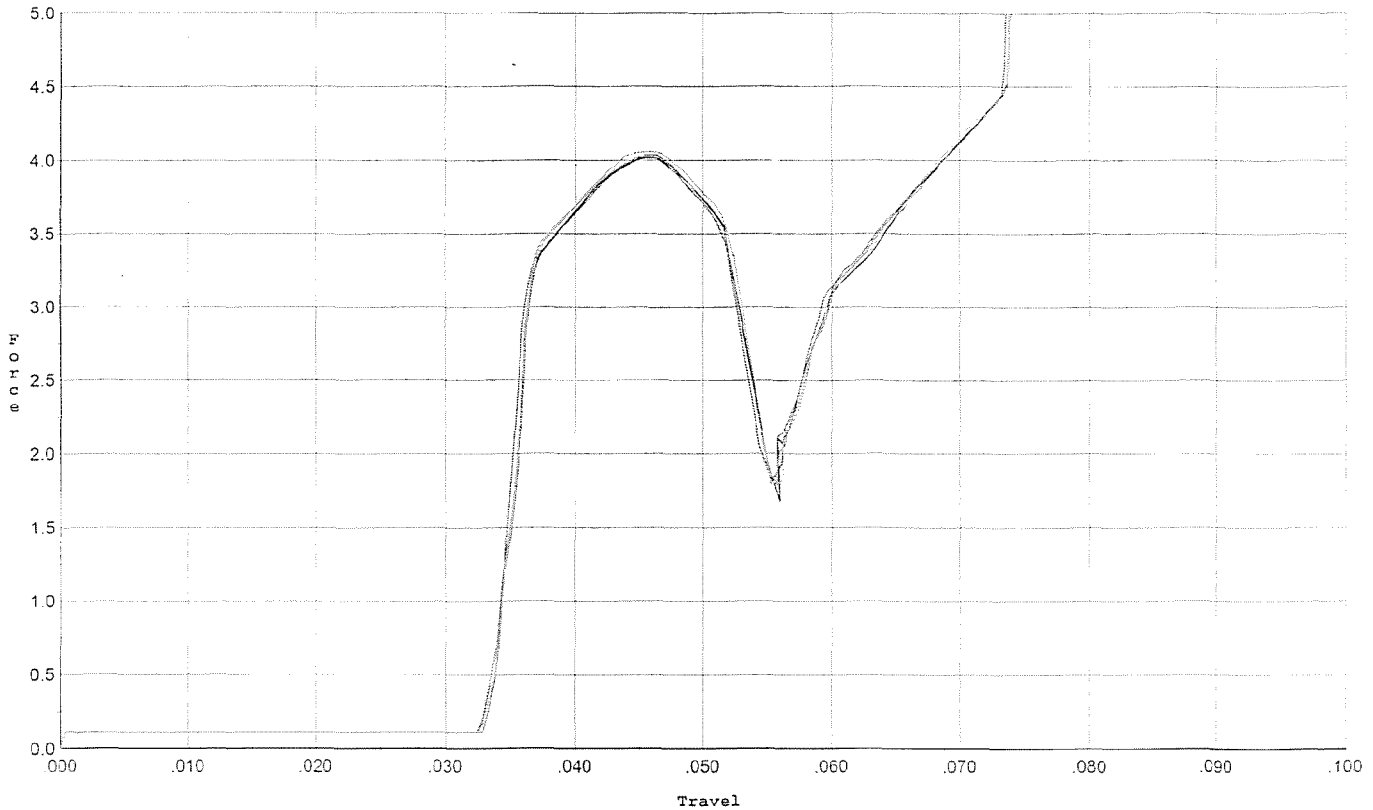
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.456	0.051	0.033	0.029	0.040		Set Trigger
2	2.515	0.051	0.034	0.029	0.041		Set Trigger
3	2.485	0.050	0.034	0.029	0.040		Set Trigger
4	2.569	0.050	0.034	0.029	0.041		Set Trigger
5	2.501	0.050	0.033	0.029	0.040		Set Trigger

Avg 2.50

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 4/16/07

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	4.034	0.052	0.033	0.026	0.069		Set Trigger
2	4.017	0.053	0.033	0.026	0.072		Set Trigger
3	4.023	0.052	0.033	0.026	0.069		Set Trigger
4	4.080	0.052	0.033	0.026	0.071		Set Trigger
5	4.026	0.052	0.033	0.026	0.069		Set Trigger

Avg 4.03

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635172.__0
FILE DATE AND TIME: 04/18/2007 11:14

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.004
The Average Y Centroid of the Five Target Set:	-0.106
The Average Point of Impact of the Five Target Set:	0.106
The Average Mean Radius of the Five Target Set:	0.689
The Distance from POA to Centroid Target #1:	0.069
The Distance from Centroid Target #2 to Centroid Target #1:	0.144
The Distance from Centroid Target #3 to Centroid Target #1:	0.127
The Distance from Centroid Target #4 to Centroid Target #1:	0.311
The Distance from Centroid Target #5 to Centroid Target #1:	0.294

BARBER - M24 0143014

SERIAL NUMBER: G6635172. __ 0

TARGET NUMBER: 1

FILE DATE: 04/18/2007

FILE TIME: 11:14

POINT#	X	Y
1:	0.621	1.443
2:	-0.292	-0.567
3:	-0.132	-0.296
4:	-0.648	-0.063
5:	-1.196	0.086
6:	0.149	0.281
7:	0.397	0.250
8:	0.428	-0.047
9:	0.562	-0.178
10:	0.668	-0.508

X CENTROID: 0.056

Y CENTROID: 0.040

POA TO CENTROID: 0.069

HORZ SPREAD: 1.864

VERT SPREAD: 2.010

GROUP SPREAD: 2.268

MIN RADIUS: 0.258

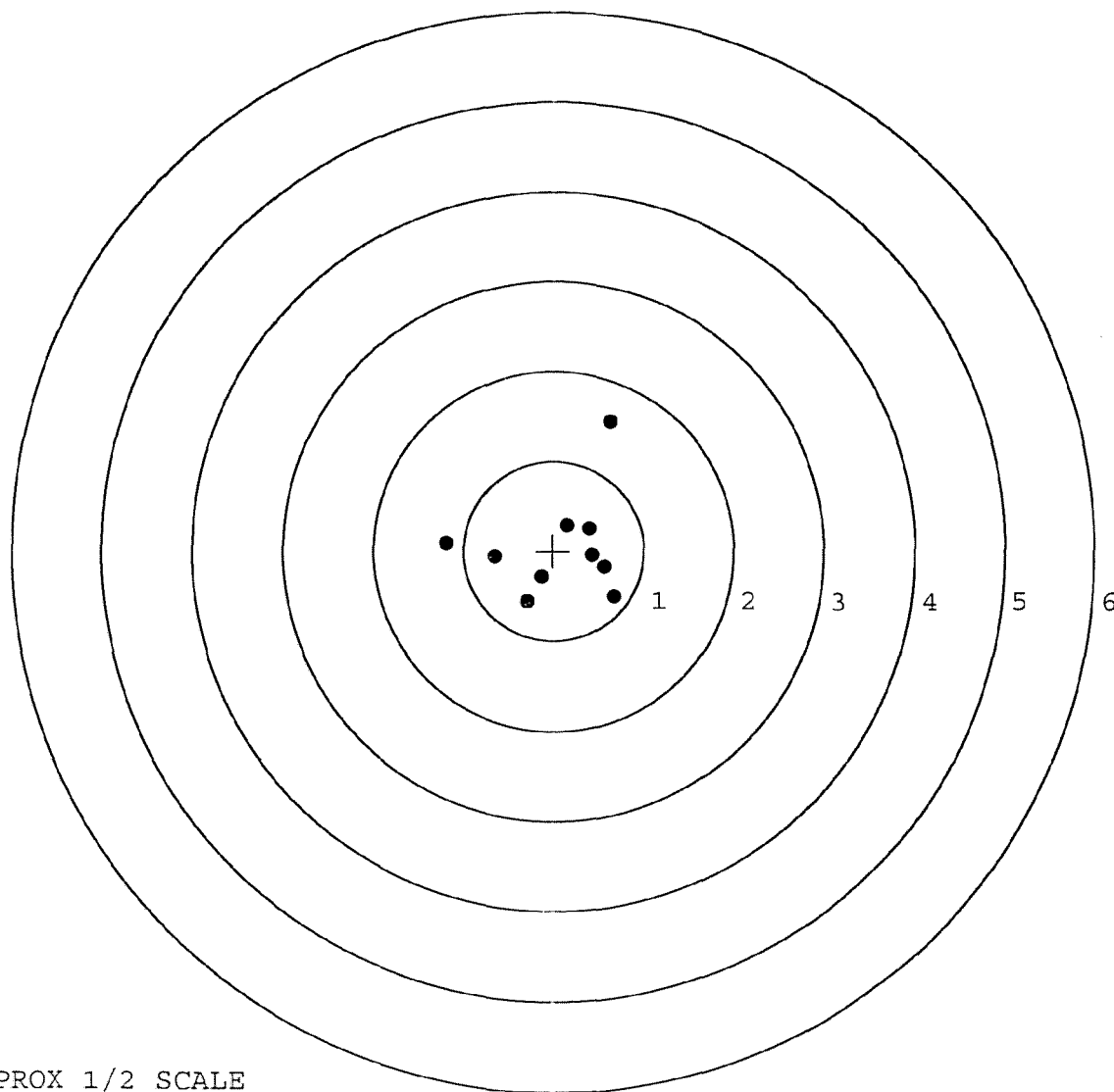
MAX RADIUS: 1.513

MEAN RADIUS: 0.698

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0143015

SERIAL NUMBER: G6635172. 0

TARGET NUMBER: 2

FILE DATE: 04/18/2007

FILE TIME: 11:14

POINT#	X	Y
1:	1.881	0.021
2:	-0.825	-0.071
3:	-1.409	-0.717
4:	-0.213	-1.189
5:	0.713	-0.587
6:	0.506	-0.378
7:	0.297	0.040
8:	0.105	0.754
9:	0.101	0.495
10:	-0.127	0.668

X CENTROID: 0.103

Y CENTROID: -0.096

POA TO CENTROID: 0.141

HORZ SPREAD: 3.290

VERT SPREAD: 1.943

GROUP SPREAD: 3.372

MIN RADIUS: 0.237

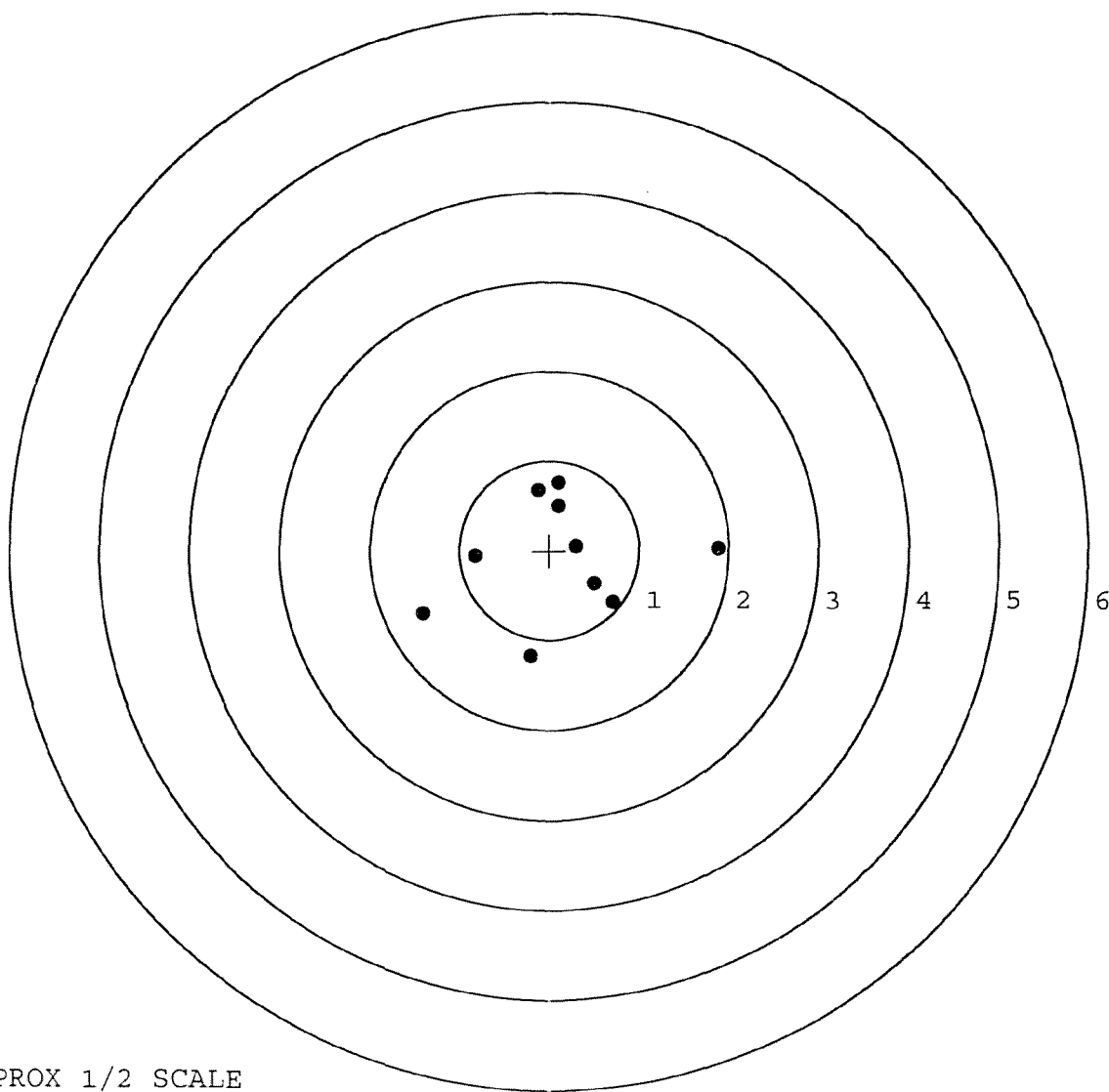
MAX RADIUS: 1.782

MEAN RADIUS: 0.923

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0143016

SERIAL NUMBER: G6635172. 0

TARGET NUMBER: 3

FILE DATE: 04/18/2007

FILE TIME: 11:14

POINT#	X	Y
1:	0.740	-0.438
2:	-0.048	0.387
3:	-0.315	0.489
4:	-0.552	-0.031
5:	-1.059	0.323
6:	0.036	-0.465
7:	0.278	-0.522
8:	0.401	-0.333
9:	0.473	-0.177
10:	0.703	-0.094

X CENTROID: 0.066

Y CENTROID: -0.086

POA TO CENTROID: 0.108

HORZ SPREAD: 1.799

VERT SPREAD: 1.011

GROUP SPREAD: 1.953

MIN RADIUS: 0.380

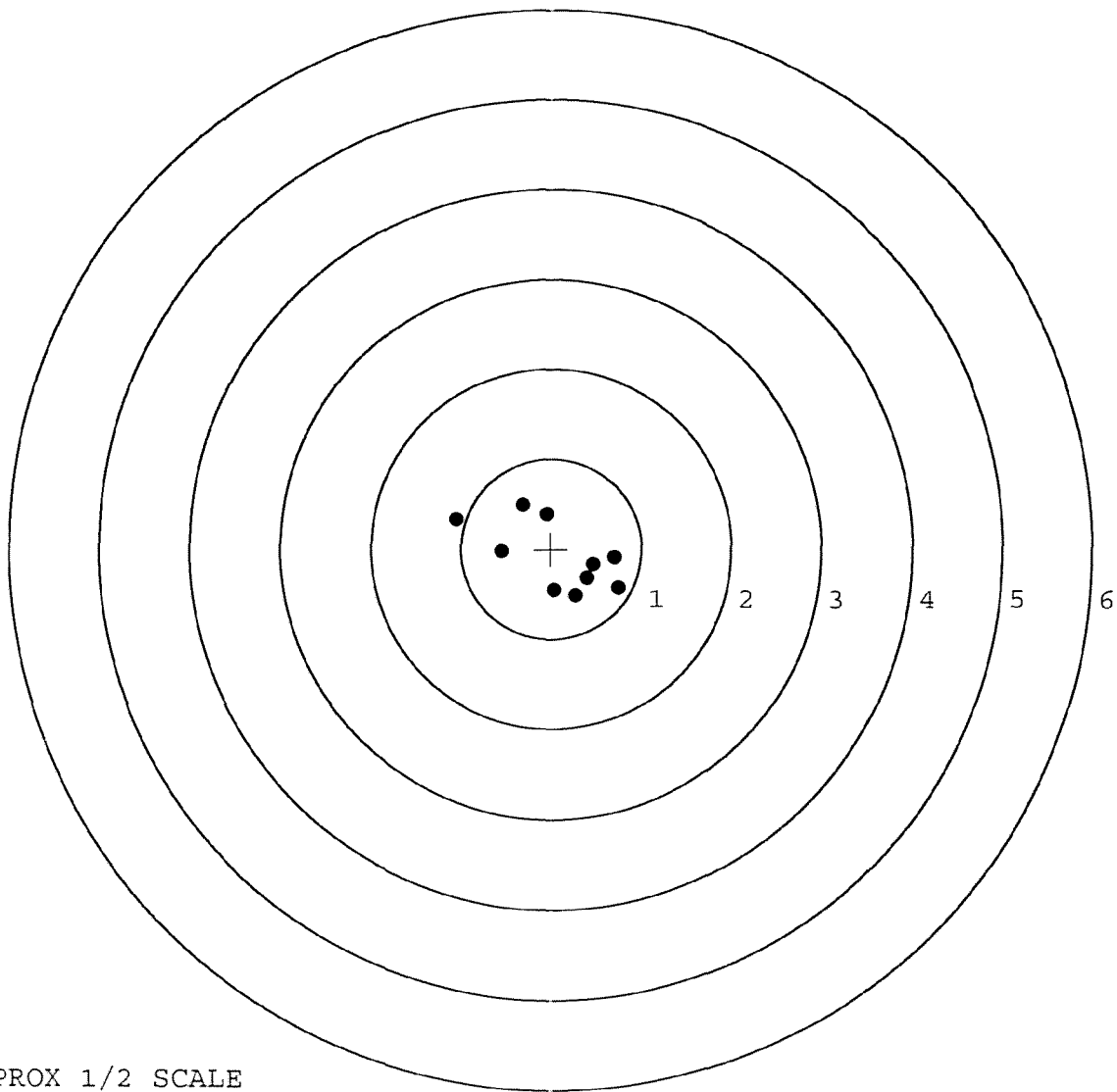
MAX RADIUS: 1.197

MEAN RADIUS: 0.609

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0143017

SERIAL NUMBER: G6635172. 0

TARGET NUMBER: 4

FILE DATE: 04/18/2007

FILE TIME: 11:14

X CENTROID: -0.200

Y CENTROID: -0.138

POA TO CENTROID: 0.243

HORZ SPREAD: 2.220

VERT SPREAD: 2.558

GROUP SPREAD: 3.148

MIN RADIUS: 0.066

MAX RADIUS: 2.069

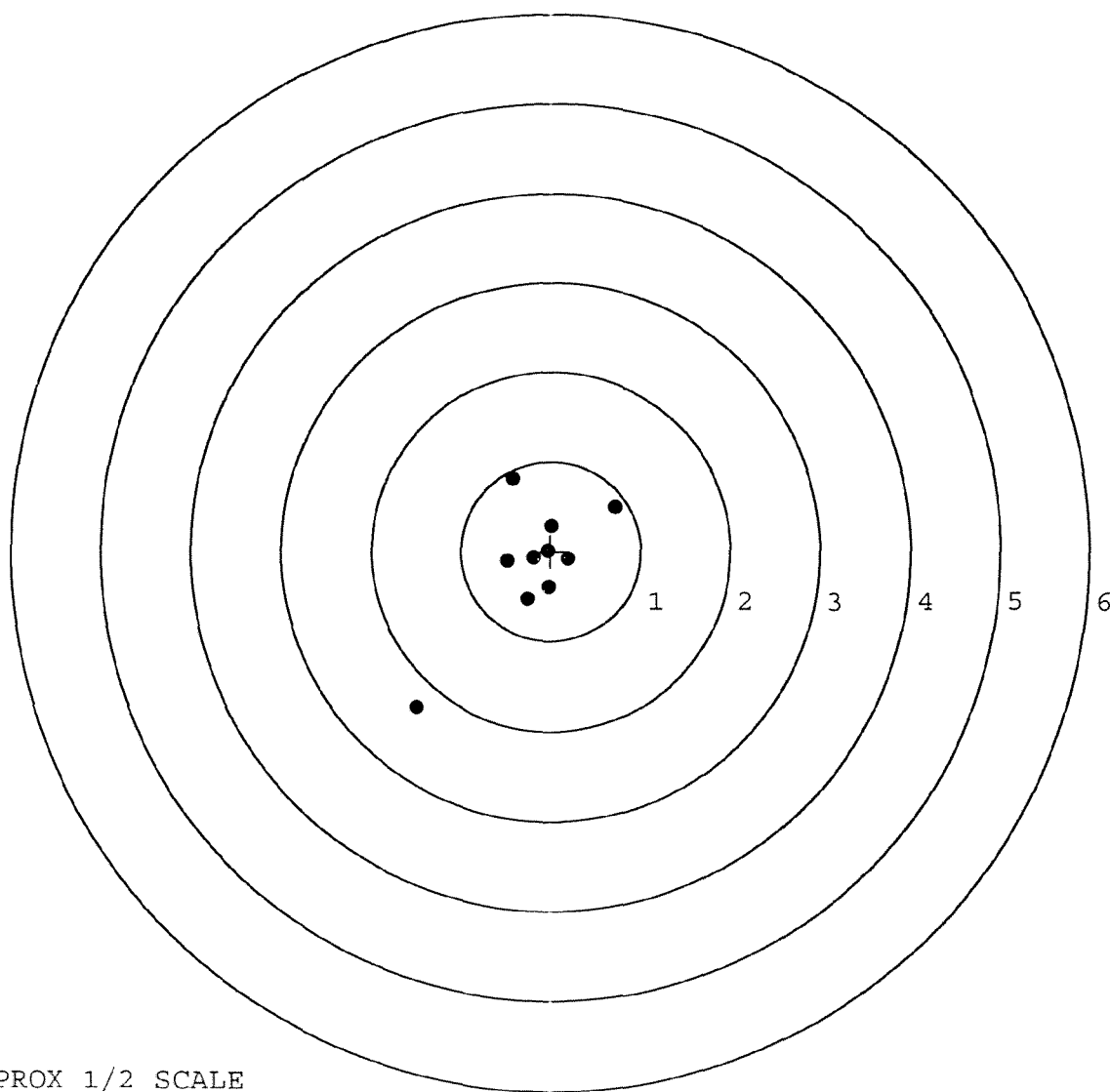
MEAN RADIUS: 0.632

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.717	0.487
2:	-0.424	0.813
3:	0.008	0.280
4:	-0.264	-0.540
5:	-0.024	-0.402
6:	0.200	-0.088
7:	-0.032	0.000
8:	-0.192	-0.072
9:	-0.485	-0.110
10:	-1.503	-1.745



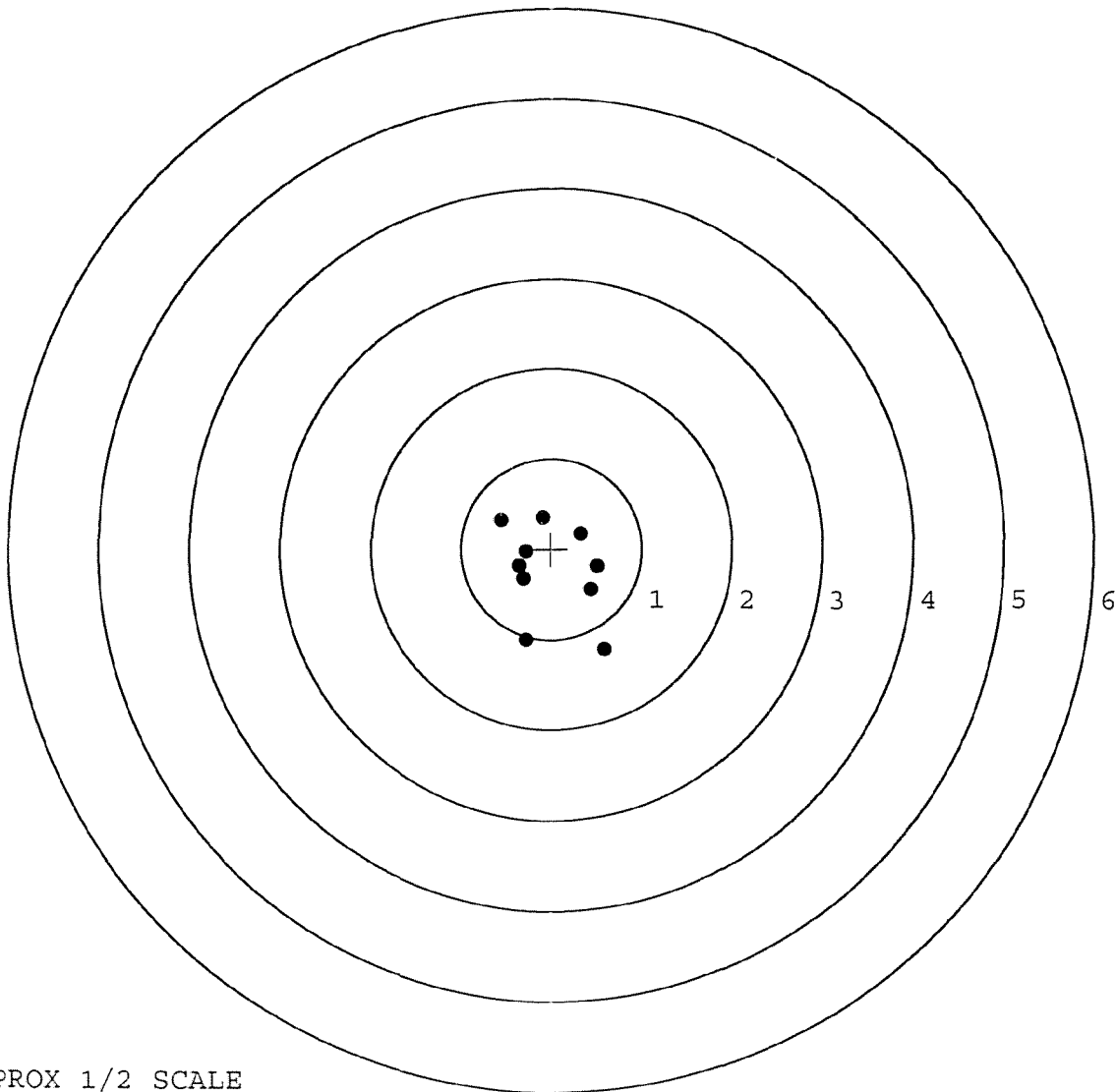
TARGET APPROX 1/2 SCALE

BARBER - M24 0143018

SERIAL NUMBER: G6635172. __0
 TARGET NUMBER: 5
 FILE DATE: 04/18/2007
 FILE TIME: 11:14

POINT#	X	Y
1:	0.591	-1.114
2:	-0.283	-1.009
3:	0.442	-0.449
4:	0.508	-0.195
5:	0.326	0.168
6:	-0.106	0.352
7:	-0.311	-0.327
8:	-0.357	-0.190
9:	-0.282	-0.031
10:	-0.563	0.321

X CENTROID: -0.004
 Y CENTROID: -0.247
 POA TO CENTROID: 0.247
 HORZ SPREAD: 1.154
 VERT SPREAD: 1.466
 GROUP SPREAD: 1.841
 MIN RADIUS: 0.318
 MAX RADIUS: 1.051
 MEAN RADIUS: 0.583
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE