

G 6693298

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

- INSTRUCTION BOOK 3518

BM FORM

proof of purchase



owner registration sticker



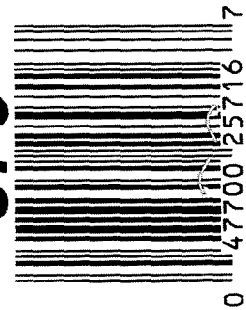
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6693298

UPC



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.



GUN SERIAL # G6693298

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10/2/07	SPD
420	ASSEMBLE ACTION		10-1-07	SD
430	ASSEMBLE TO STOCK		10-1-07	SD
440	PROOF	MAGNA - FLUX	10/1/07	mm
460	CHECK HEADSPACE	10/1/07	10/1/07	mm
470	DIS-ASSEMBLE ACTION		10-1-07	SD
480	MAGNAFLUX BBL ACTION	OPERATOR <u>mm</u>	10/3/07	mm
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-3-07	CW
510	DRILL AND TAP SIGHT HOLES		10-2-07	SD
520	GOFF BLAST BBL / REC		10-3-07	xy
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/10/07	EB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10/11/07	SPD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10/11/07	SPD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10/11/07	SPD
	D) OIL FIRING PIN ASSEMBLY		10/15/07	SPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/17/07	mm

F004 REV 5/2006

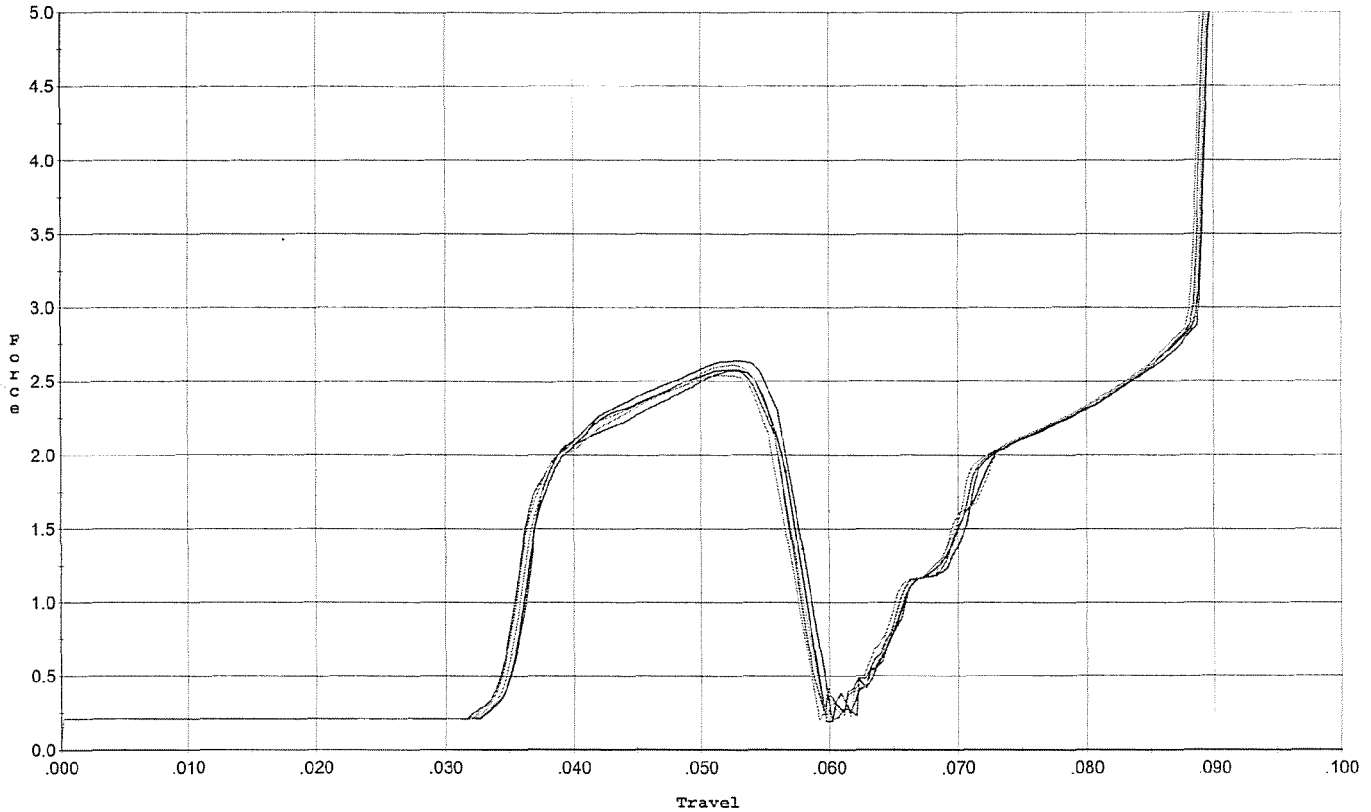
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.5</u> <u>6.0</u> <u>5.5</u>	10/16/07	non
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>6.75</u> <u>6.75</u> <u>6.5</u>	10/16/07	non
	H) TRIGGER PULL TEST AND RETAINABILITY		10/16/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.032</u> <u>.032</u> <u>.032</u>	10/16/07	non
	J) ASSEMBLE STOCK		10/15/07	S.P.D.
	K) ASSEMBLE SWIVEL STUDS		10/16/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10/17/07	non
	M) IRON SIGHT ALIGNMENT		10/17/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10/17/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	10/15/07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10/5/07	SD
670	FINAL INSPECTION A) HEADSPACE		10/16/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.83</u> <u>2.76</u> <u>2.46</u> <u>2.36</u> <u>2.27</u>	10/15/07	non
	C) FUNCTION		10/16/07	non
690	PACK		10/20/07	DA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/9/07

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



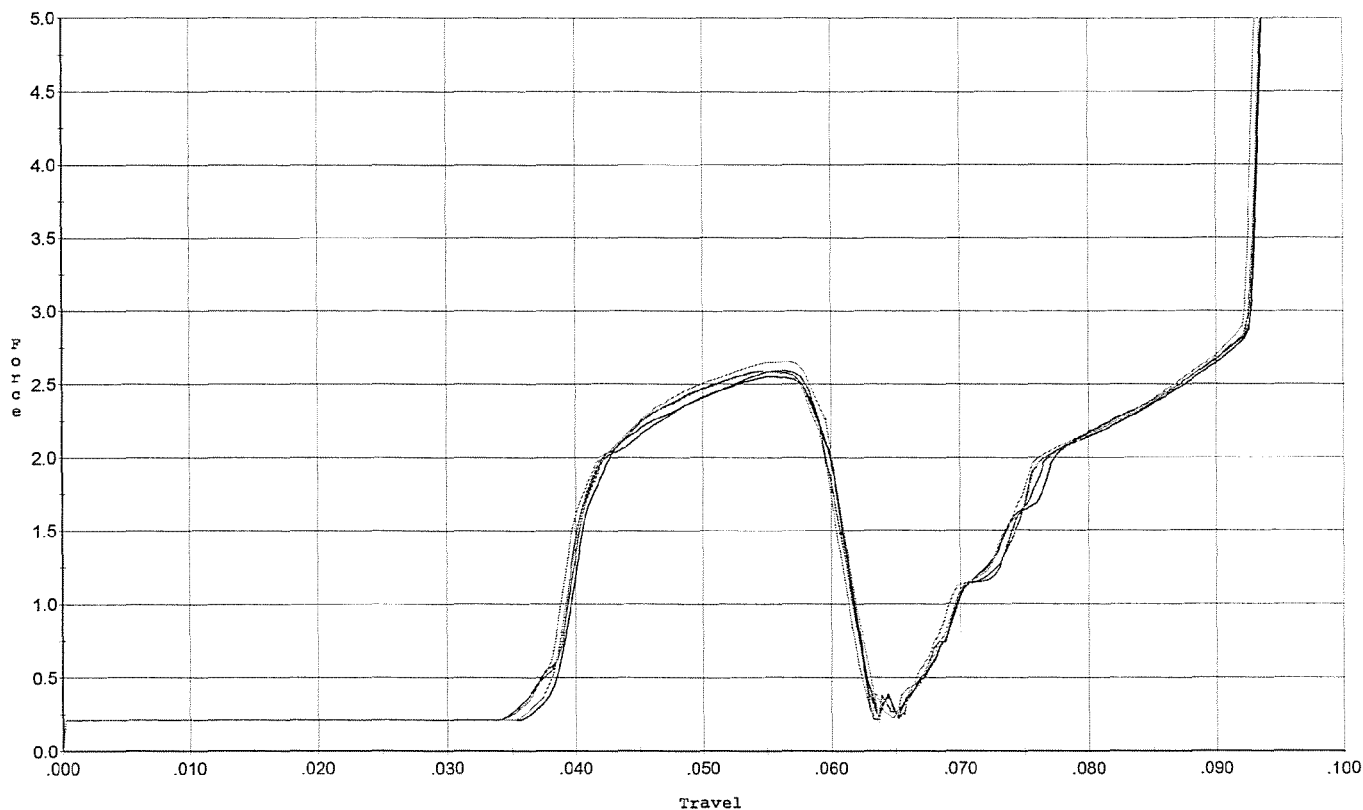
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.639	0.058	0.035	0.037	0.058		Set Trigger
2	2.577	0.057	0.035	0.037	0.055		Set Trigger
3	2.570	0.056	0.034	0.037	0.054		Set Trigger
4	2.612	0.056	0.034	0.037	0.054		Set Trigger
5	2.539	0.057	0.034	0.037	0.055		Set Trigger

AVG 2.58

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/9/07

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



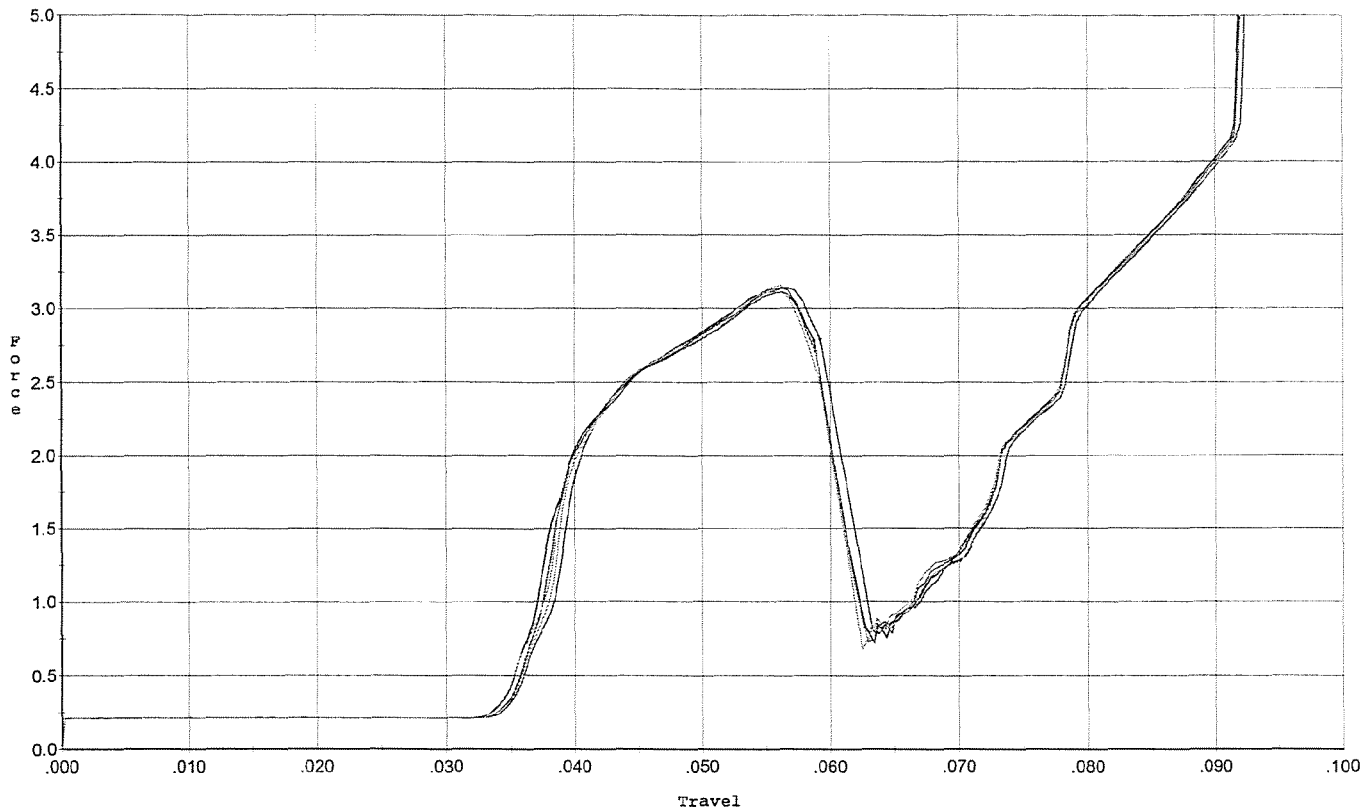
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.591	0.060	0.037	0.039	0.057		Set Trigger
2	2.551	0.060	0.038	0.039	0.056		Set Trigger
3	2.590	0.061	0.037	0.039	0.058		Set Trigger
4	2.655	0.060	0.038	0.039	0.057		Set Trigger
5	2.586	0.059	0.037	0.039	0.057		Set Trigger

Avg 2.59

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/9/07

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



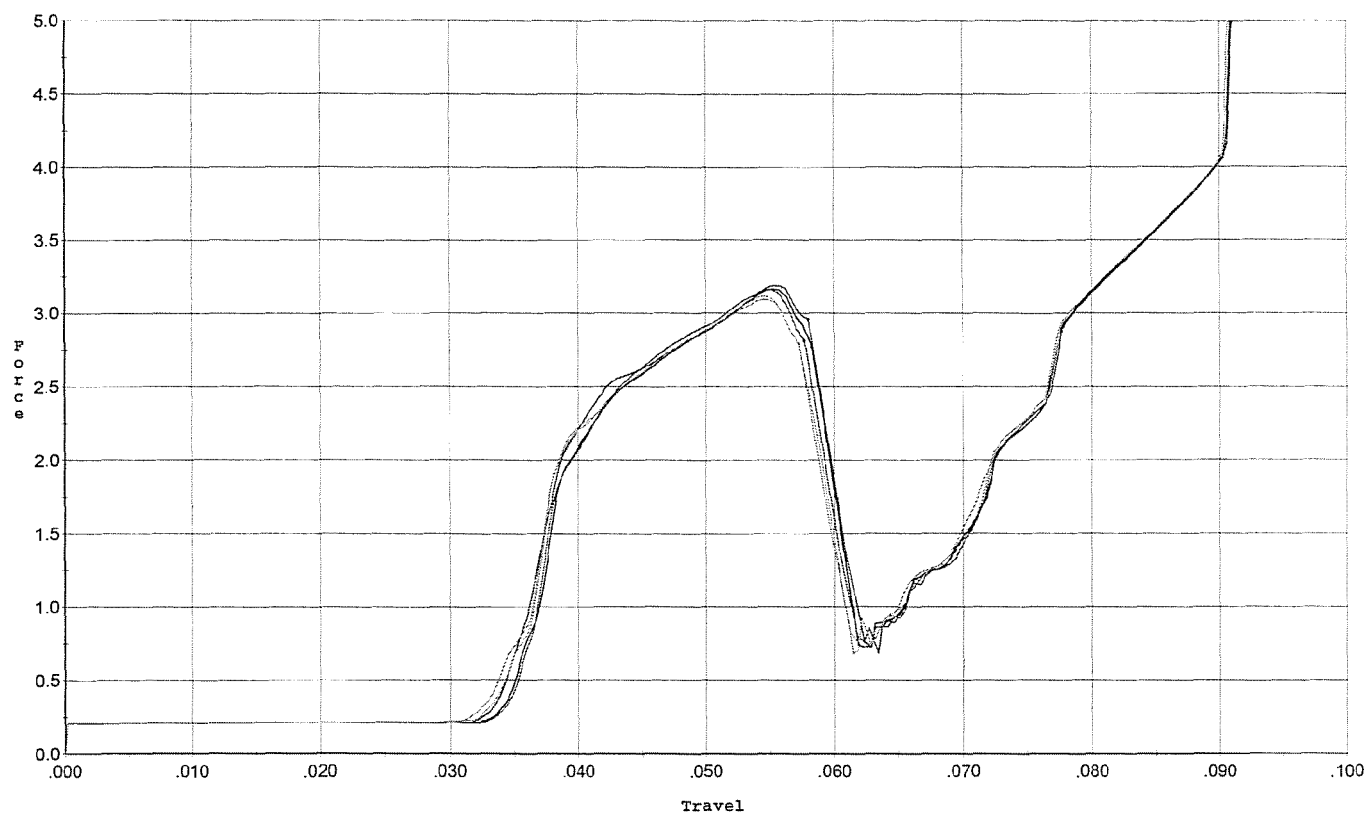
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.139	0.059	0.036	0.037	0.067		Set Trigger
2	3.141	0.059	0.035	0.037	0.067		Set Trigger
3	3.110	0.059	0.035	0.037	0.066		Set Trigger
4	3.154	0.059	0.035	0.038	0.066		Set Trigger
5	3.113	0.059	0.035	0.037	0.067		Set Trigger

AVG 3.13

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/9/07

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



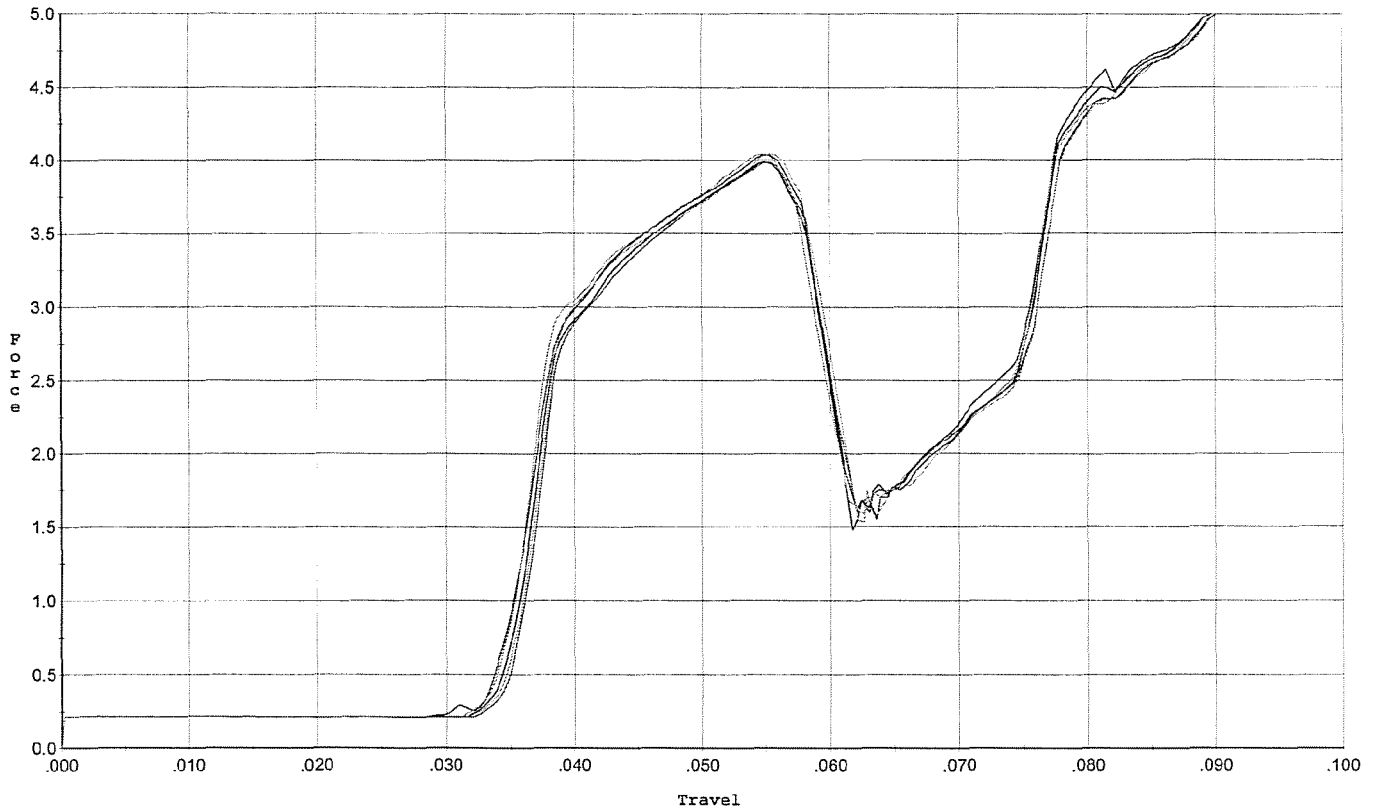
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.187	0.058	0.034	0.036	0.068		Set Trigger
2	3.162	0.058	0.035	0.037	0.067		Set Trigger
3	3.160	0.058	0.035	0.037	0.065		Set Trigger
4	3.094	0.059	0.034	0.037	0.067		Set Trigger
5	3.113	0.057	0.033	0.037	0.065		Set Trigger

AVG 3.14

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/9/07

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



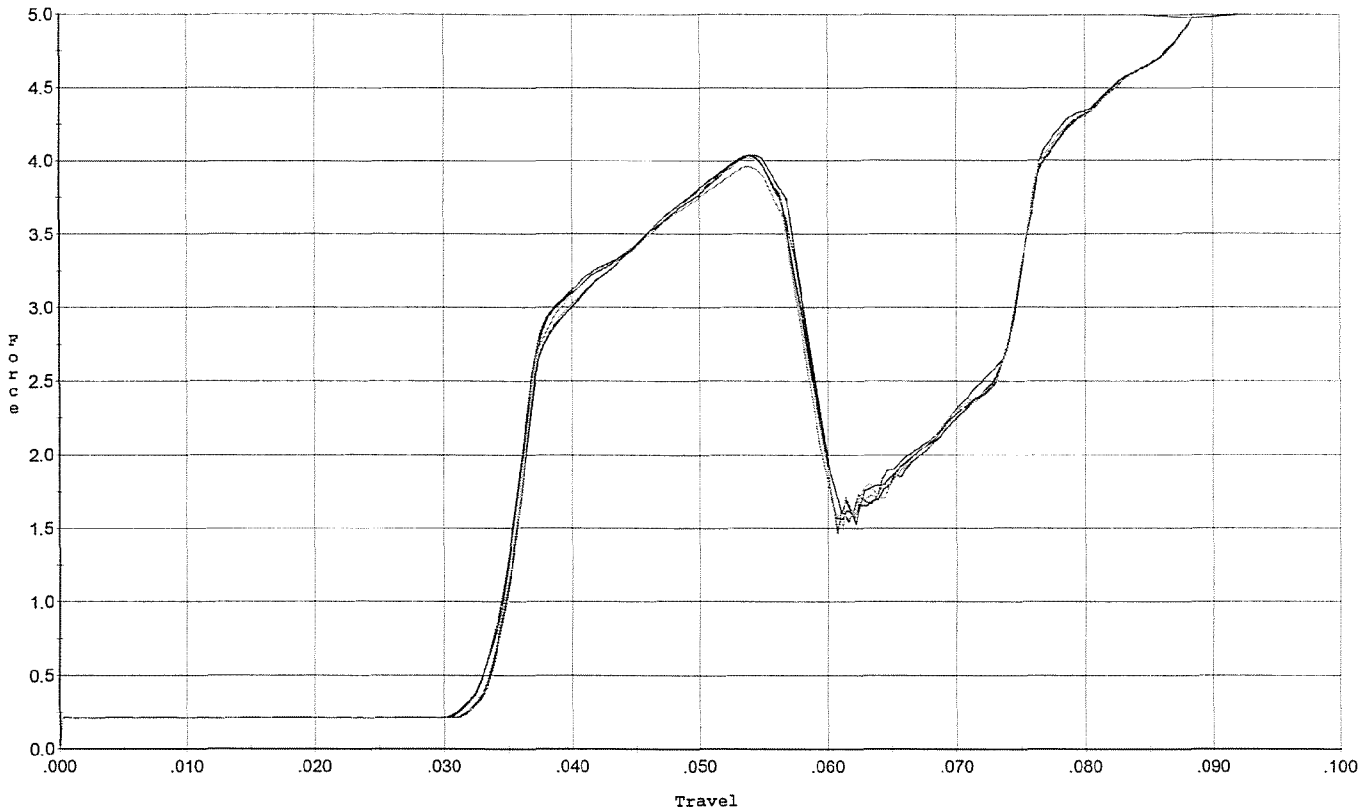
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.035	0.058	0.033	0.035	0.087		Set Trigger
2	3.988	0.058	0.034	0.036	0.085		Set Trigger
3	3.986	0.058	0.035	0.036	0.084		Set Trigger
4	4.046	0.059	0.034	0.035	0.088		Set Trigger
5	4.044	0.057	0.034	0.035	0.086		Set Trigger

Avg 4.02

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/9/07

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



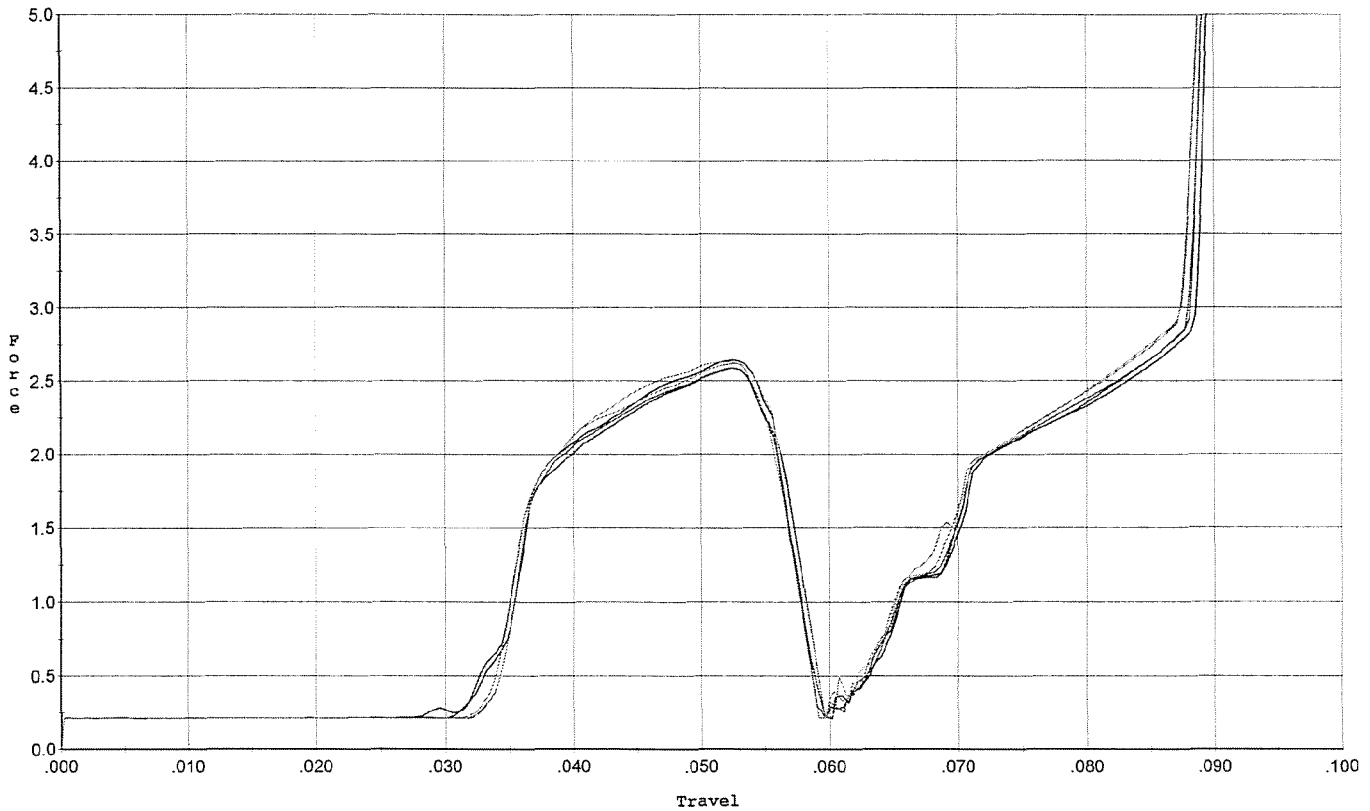
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.040	0.057	0.033	0.035	0.086		Set Trigger
2	4.039	0.058	0.033	0.035	0.086		Set Trigger
3	4.038	0.057	0.033	0.035	0.087		Set Trigger
4	4.023	0.056	0.033	0.035	0.083		Set Trigger
5	3.959	0.056	0.033	0.035	0.082		Set Trigger

Avg 4.02

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/9/07

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



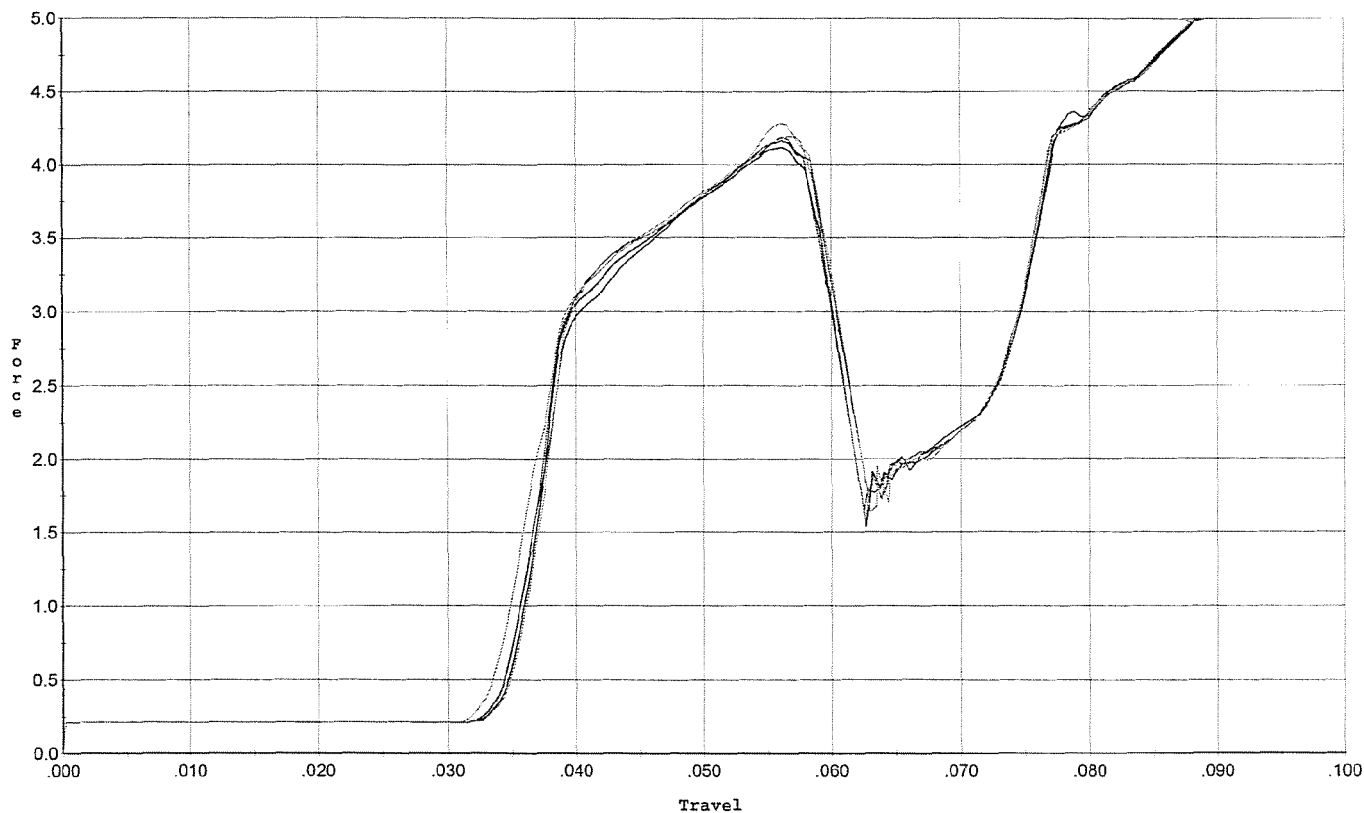
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.586	0.056	0.032	0.037	0.055		Set Trigger
2	2.642	0.057	0.033	0.037	0.057		Set Trigger
3	2.587	0.056	0.034	0.037	0.055		Set Trigger
4	2.618	0.057	0.033	0.037	0.057		Set Trigger
5	2.628	0.056	0.033	0.037	0.057		Set Trigger

Avg 2.61

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/9/07

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	4.187	0.061	0.034	0.035	0.093		Set Trigger
2	4.121	0.059	0.034	0.035	0.090		Set Trigger
3	4.164	0.060	0.034	0.035	0.092		Set Trigger
4	4.193	0.060	0.035	0.035	0.093		Set Trigger
5	4.281	0.059	0.033	0.034	0.093		Set Trigger

AVG 4.18

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6693298.___0
FILE DATE AND TIME: 10/16/2007 00:09

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

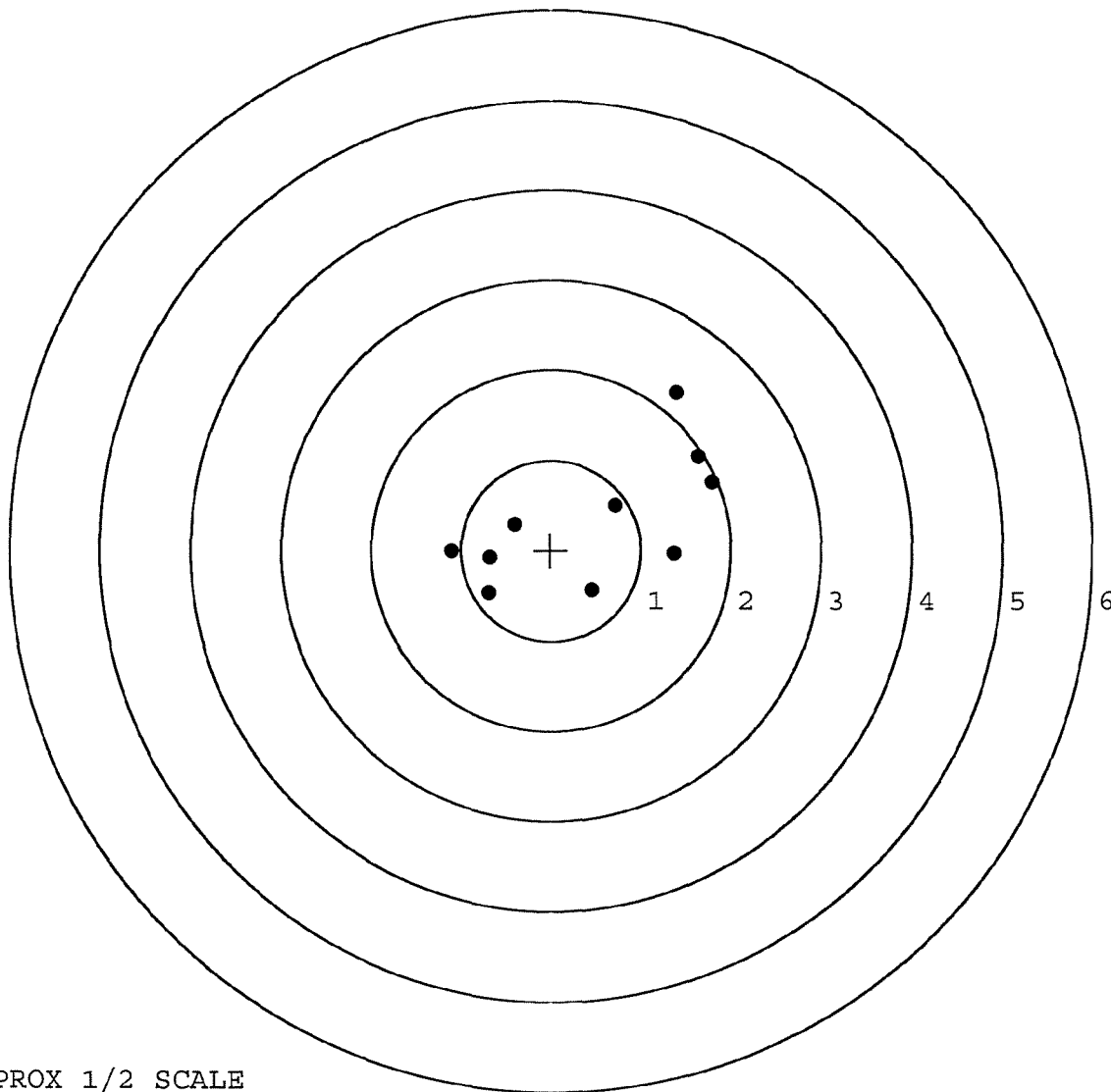
The Average X Centroid of the Five Target Set:	0.065
The Average Y Centroid of the Five Target Set:	0.049
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.937
The Distance from POA to Centroid Target #1:	0.558
The Distance from Centroid Target #2 to Centroid Target #1:	0.679
The Distance from Centroid Target #3 to Centroid Target #1:	0.692
The Distance from Centroid Target #4 to Centroid Target #1:	0.483
The Distance from Centroid Target #5 to Centroid Target #1:	0.566

BARBER - M24 0177400

SERIAL NUMBER: G6693298. __0
 TARGET NUMBER: 1
 FILE DATE: 10/16/2007
 FILE TIME: 00:09

POINT#	X	Y
1:	-0.403	0.292
2:	-0.676	-0.085
3:	-0.690	-0.471
4:	-1.105	-0.019
5:	0.457	-0.439
6:	0.717	0.505
7:	1.373	-0.034
8:	1.788	0.763
9:	1.634	1.050
10:	1.391	1.751

X CENTROID: 0.449
 Y CENTROID: 0.331
 POA TO CENTROID: 0.558
 HORZ SPREAD: 2.893
 VERT SPREAD: 2.222
 GROUP SPREAD: 3.060
 MIN RADIUS: 0.320
 MAX RADIUS: 1.704
 MEAN RADIUS: 1.162
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0177401

SERIAL NUMBER: G6693298. __0

TARGET NUMBER: 2

FILE DATE: 10/16/2007

FILE TIME: 00:09

POINT#	X	Y
1:	-0.482	0.786
2:	-0.443	0.502
3:	-0.002	0.245
4:	-0.724	0.027
5:	-0.703	-0.458
6:	0.318	-0.662
7:	0.734	0.105
8:	0.757	0.806
9:	0.228	-1.511
10:	0.629	-1.883

X CENTROID: 0.031

Y CENTROID: -0.204

POA TO CENTROID: 0.207

HORZ SPREAD: 1.481

VERT SPREAD: 2.689

GROUP SPREAD: 2.891

MIN RADIUS: 0.451

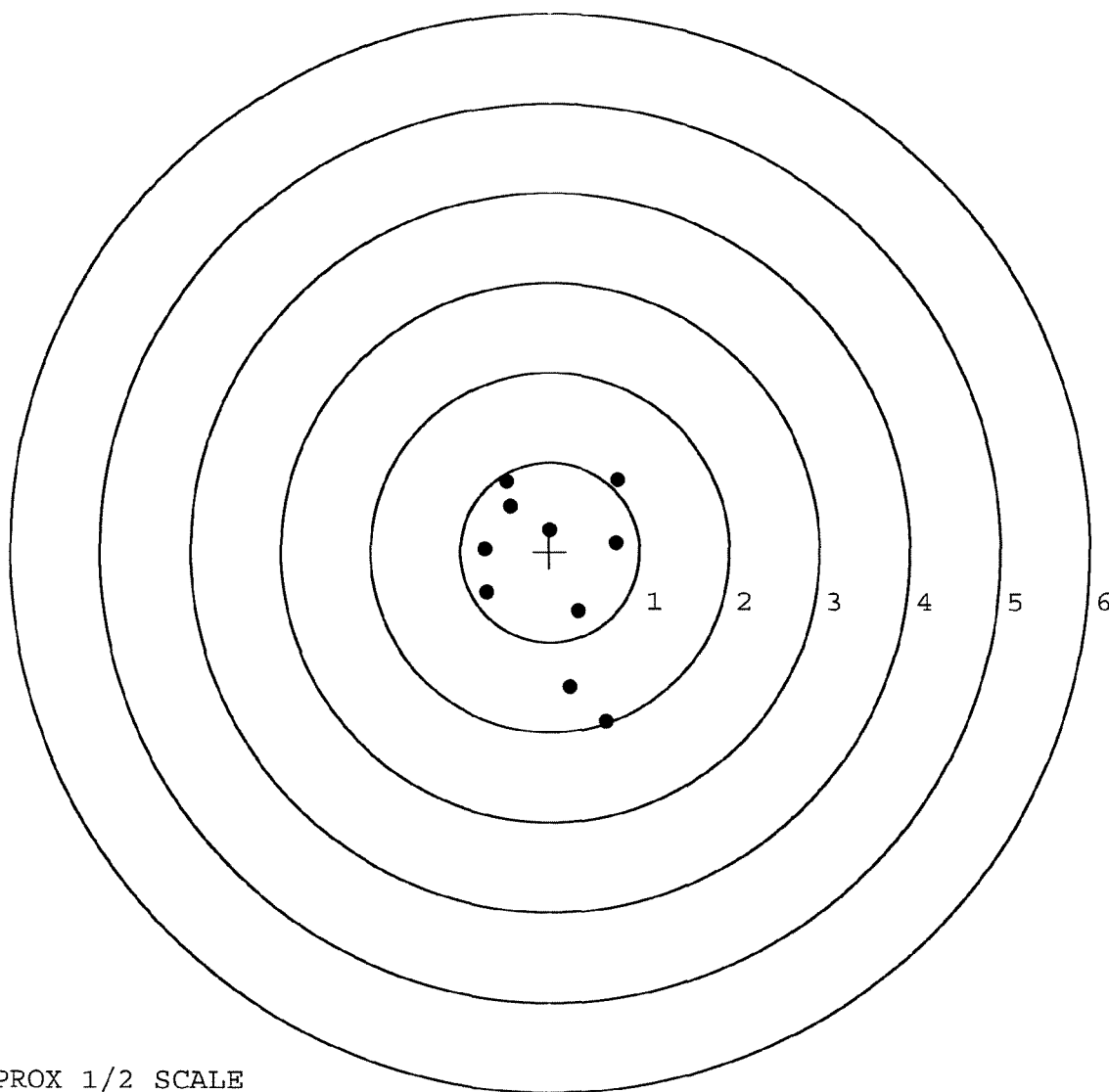
MAX RADIUS: 1.782

MEAN RADIUS: 0.964

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



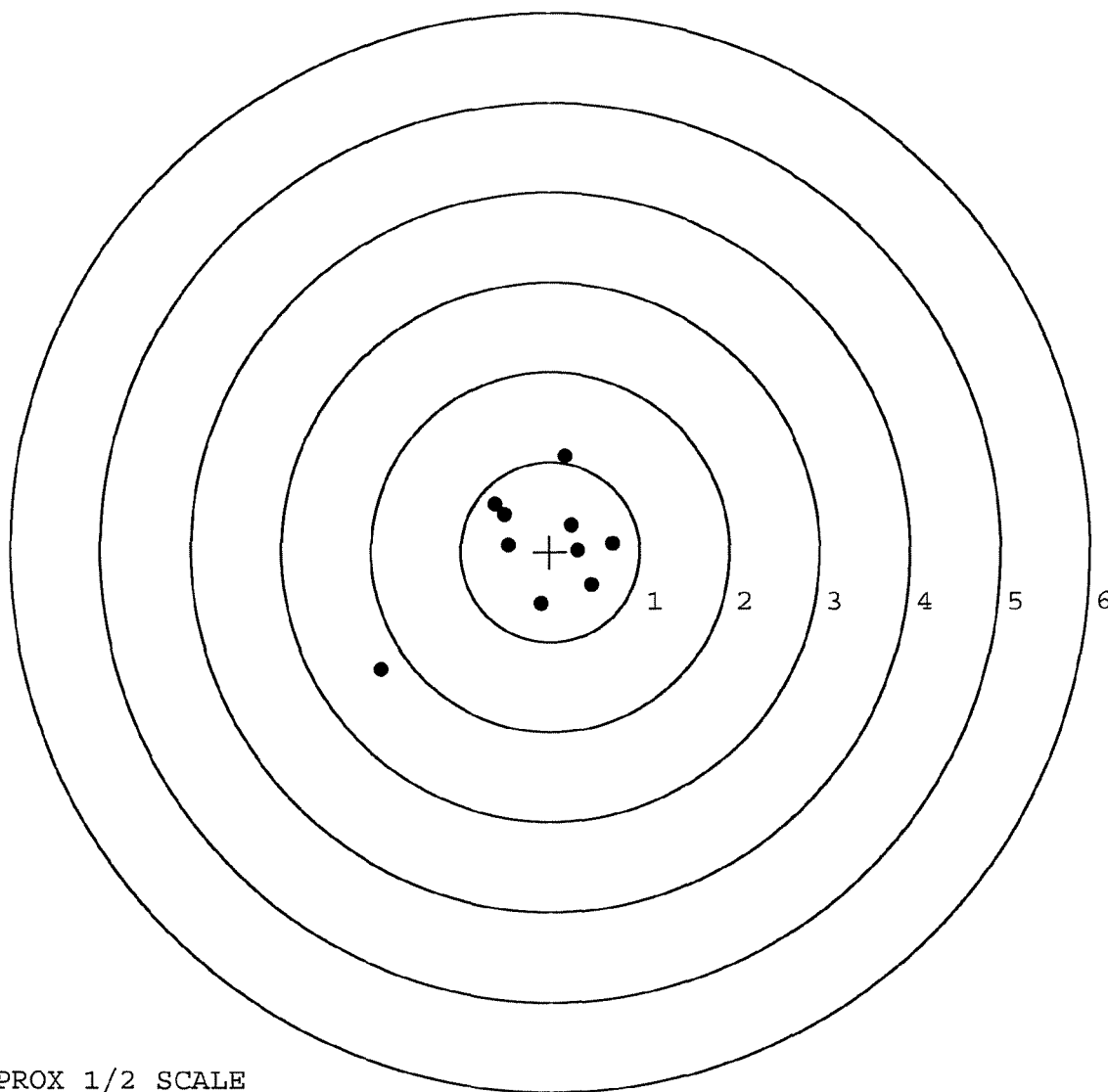
TARGET APPROX 1/2 SCALE

BARBER - M24 0177402

SERIAL NUMBER: G6693298. __0
 TARGET NUMBER: 3
 FILE DATE: 10/16/2007
 FILE TIME: 00:09

POINT#	X	Y
1:	0.168	1.066
2:	0.236	0.299
3:	0.308	0.016
4:	0.694	0.100
5:	0.465	-0.368
6:	-0.101	-0.585
7:	-0.616	0.532
8:	-0.466	0.078
9:	-1.892	-1.317
10:	-0.512	0.419

X CENTROID: -0.172
 Y CENTROID: 0.024
 POA TO CENTROID: 0.173
 HORZ SPREAD: 2.586
 VERT SPREAD: 2.383
 GROUP SPREAD: 3.150
 MIN RADIUS: 0.299
 MAX RADIUS: 2.181
 MEAN RADIUS: 0.797
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



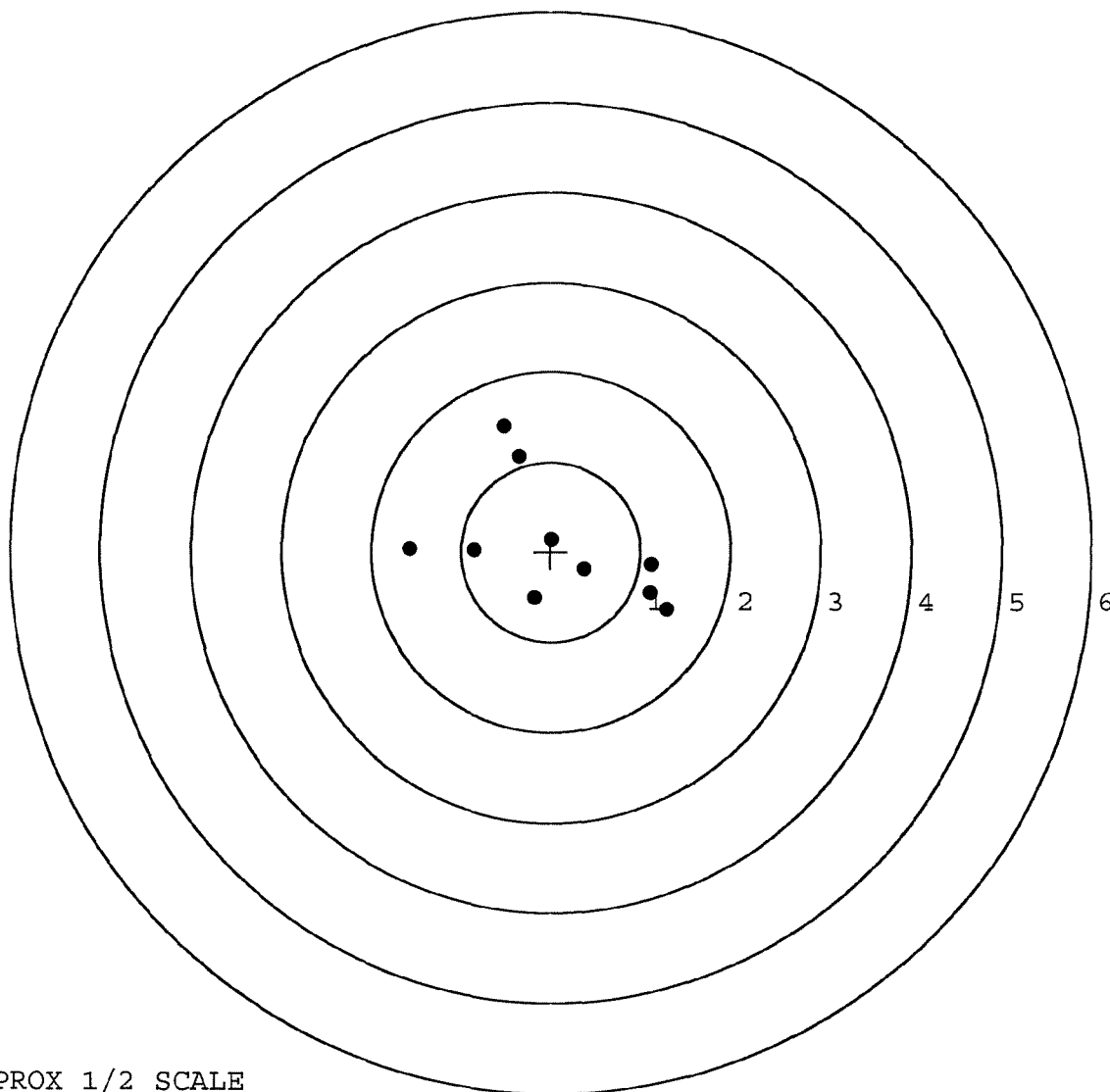
TARGET APPROX 1/2 SCALE

BARBER - M24 0177403

SERIAL NUMBER: G6693298. __0
 TARGET NUMBER: 4
 FILE DATE: 10/16/2007
 FILE TIME: 00:09

POINT#	X	Y
1:	-0.523	1.398
2:	-0.352	1.065
3:	-1.572	0.030
4:	-0.851	0.021
5:	-0.182	-0.519
6:	0.008	0.139
7:	0.377	-0.188
8:	1.124	-0.142
9:	1.107	-0.456
10:	1.288	-0.646

X CENTROID: 0.042
 Y CENTROID: 0.070
 POA TO CENTROID: 0.082
 HORZ SPREAD: 2.860
 VERT SPREAD: 2.044
 GROUP SPREAD: 2.939
 MIN RADIUS: 0.077
 MAX RADIUS: 1.615
 MEAN RADIUS: 0.988
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0177404

SERIAL NUMBER: G6693298. 0

TARGET NUMBER: 5

FILE DATE: 10/16/2007

FILE TIME: 00:09

POINT#	X	Y
1:	-1.344	0.850
2:	-0.985	-0.189
3:	-0.349	-0.762
4:	-0.257	0.351
5:	0.311	0.317
6:	0.284	-0.027
7:	0.073	-0.227
8:	0.431	-0.577
9:	0.930	-0.415
10:	0.646	0.907

X CENTROID: -0.026

Y CENTROID: 0.023

POA TO CENTROID: 0.035

HORZ SPREAD: 2.274

VERT SPREAD: 1.669

GROUP SPREAD: 2.602

MIN RADIUS: 0.269

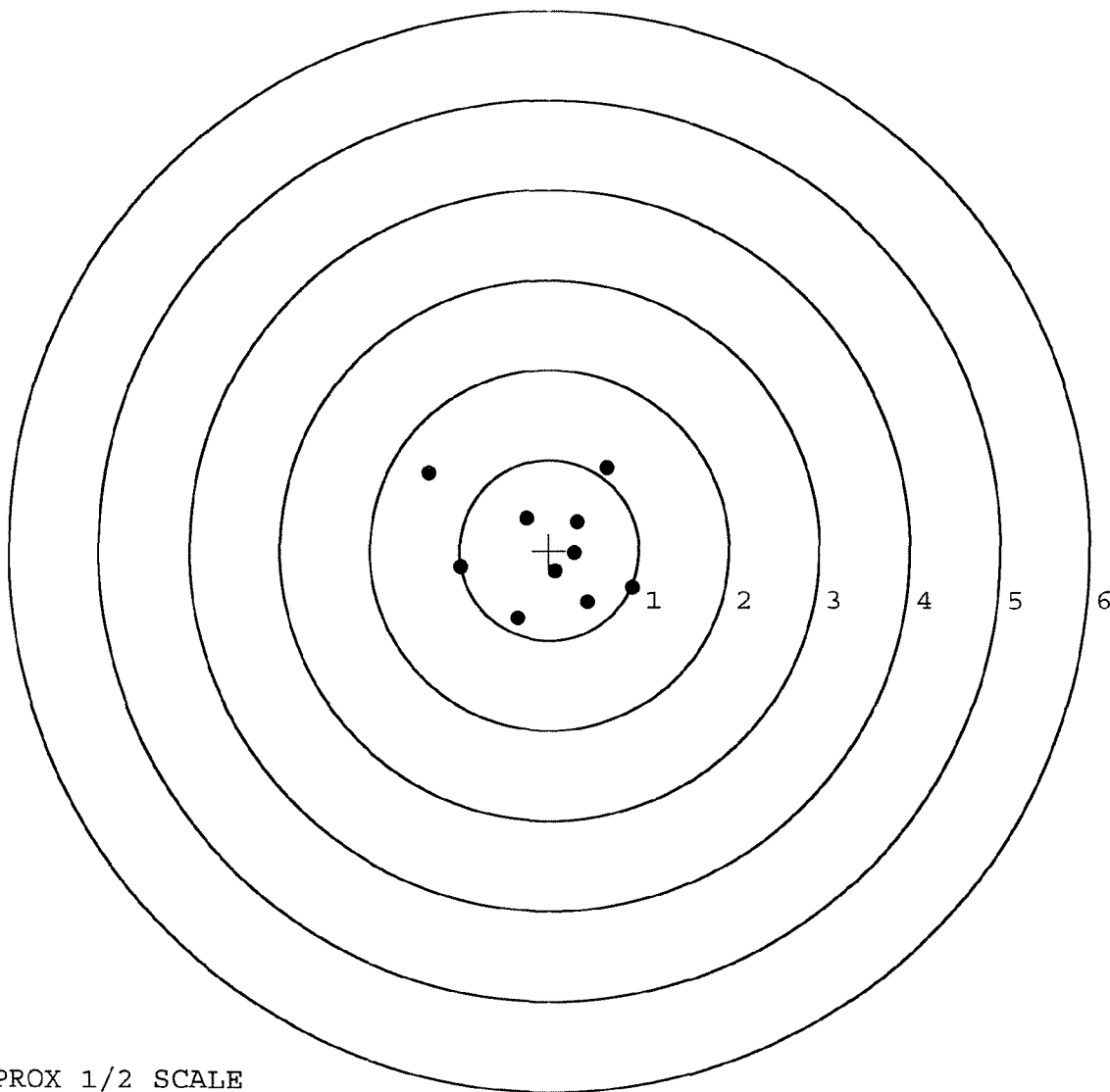
MAX RADIUS: 1.556

MEAN RADIUS: 0.773

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE