

G 667 7014

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



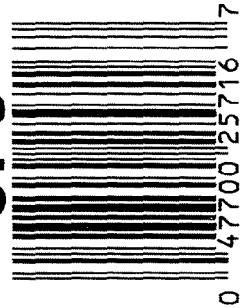
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6677017

UPC



ORDER 25716

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

UPC



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

UPC



SERIAL NO.



GUN SERIAL # G6677017

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-9-07	SPD
420	ASSEMBLE ACTION		7-24-07	SD
430	ASSEMBLE TO STOCK		7/27/07	non
440	PROOF	MAGNA - FLUX	7/27/07	non
460	CHECK HEADSPACE		7/27/07	non
470	DIS-ASSEMBLE ACTION		8-2-07	SD
480	MAGNAFLUX BBL ACTION	OPERATOR <u>SM</u>	8-13-07	SM
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-13-07	CW
510	DRILL AND TAP SIGHT HOLES		8-10-07	TRW
520	GOFF BLAST BBL / REC		8/13/07	(XQ)
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8-23-07	SP
560	RE-ASSEMBLE ACTION		8-23-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-23-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-23-07	SD
	D) OIL FIRING PIN ASSEMBLY		9/5/07	SPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		9/10/07	non

F004 REV 5/2006

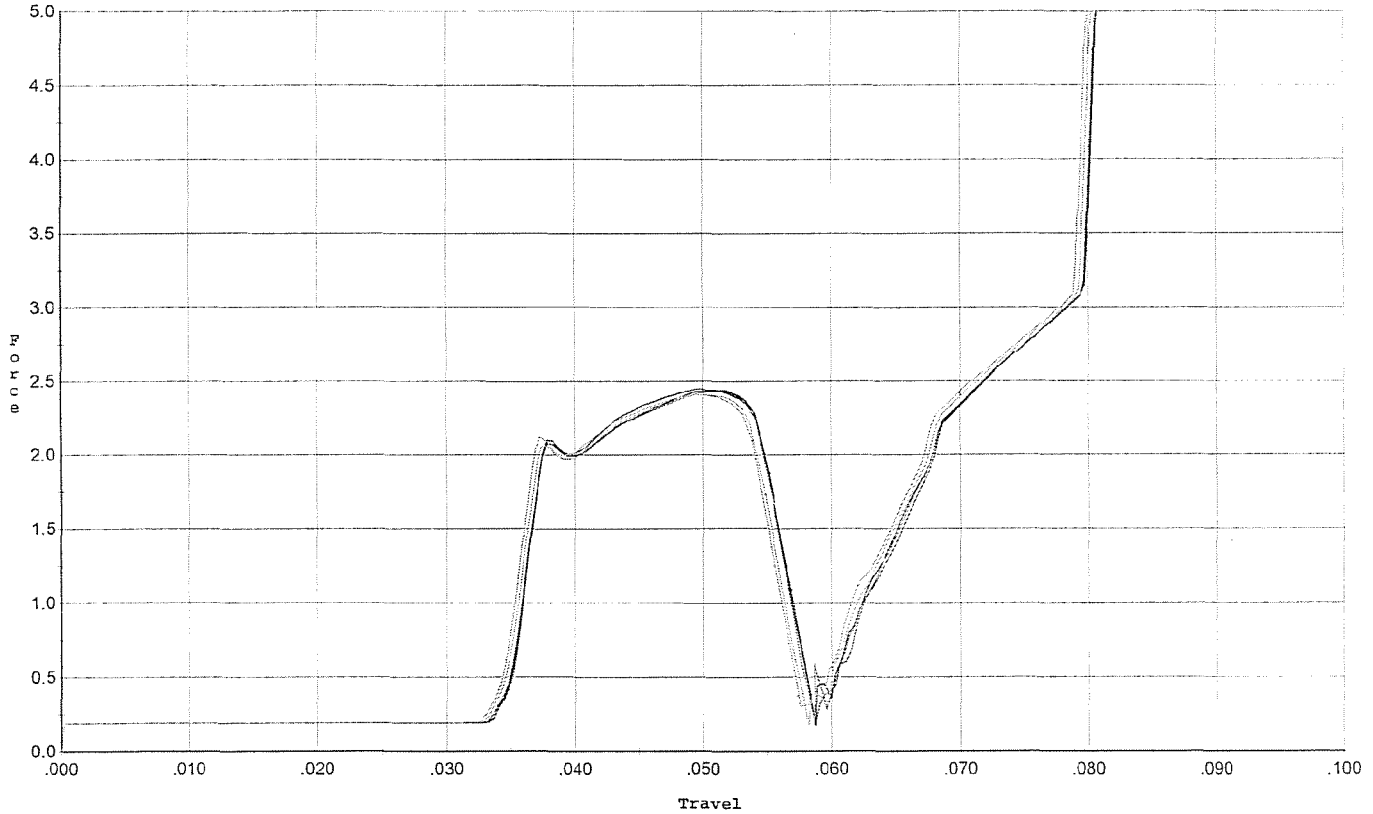
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>6.0</u> <u>6.0</u>	9-10-07	Fm
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>6.0</u> <u>5.5</u> <u>5.5</u>	9-10-07	Fm
	H) TRIGGER PULL TEST AND RETAINABILITY		9/10/07	mm
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.023</u> <u>.023</u>	9-10-07	Fm
	J) ASSEMBLE STOCK		9/5/07	SD
	K) ASSEMBLE SWIVEL STUDS		9-10-07	Fm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9/10/07	mm
	M) IRON SIGHT ALIGNMENT		9/10/07	mm
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9/10/07	mm
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9/5/07	mm
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-5-07	SD
670	FINAL INSPECTION A) HEADSPACE		9-10-07	Fm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.27</u> <u>2.20</u> <u>2.27</u> <u>2.30</u> <u>2.21</u>	9/6/07	RP
	C) FUNCTION		9/10/07	mm
690	PACK		9-11-07	DA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/ 29/07

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



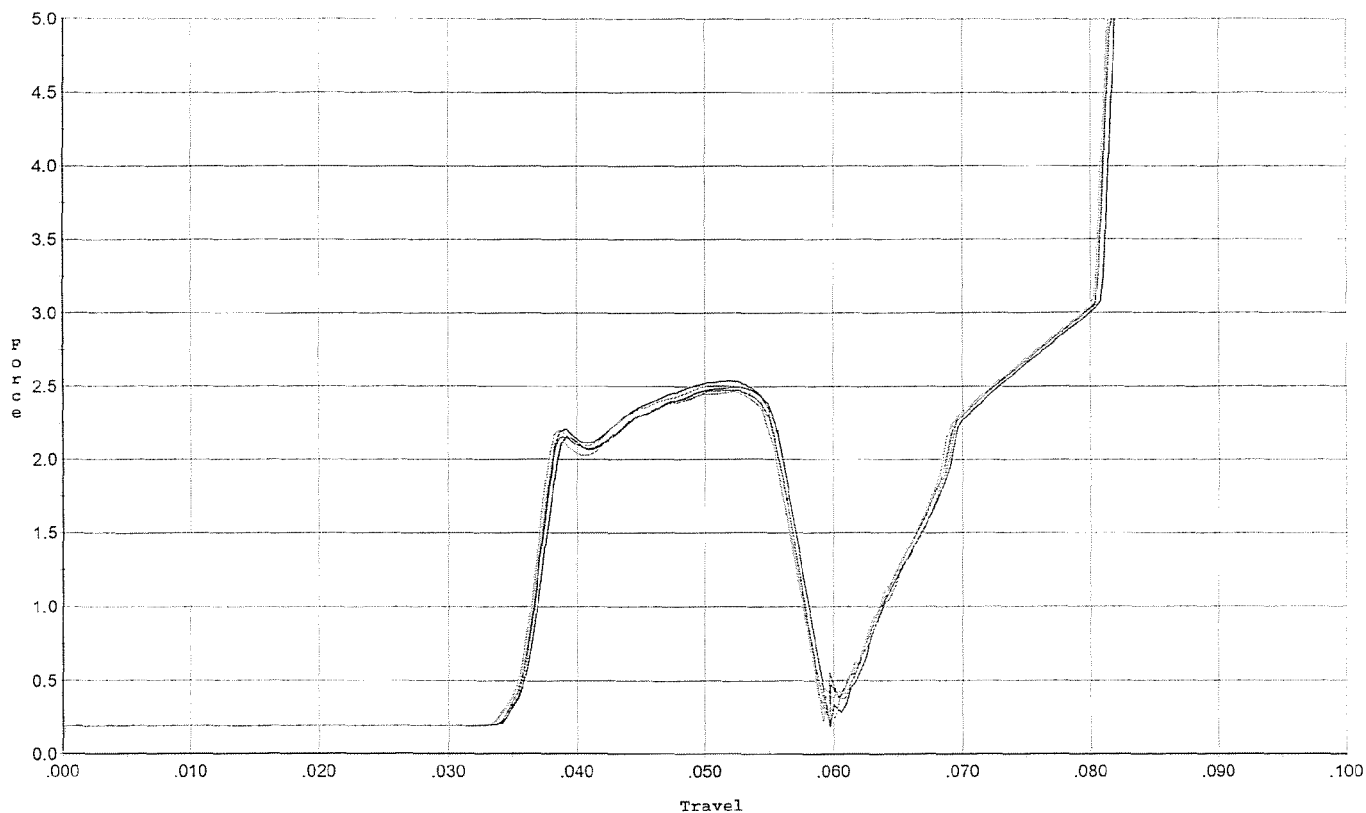
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.447	0.057	0.034	0.032	0.052		Set Trigger
2	2.438	0.055	0.034	0.032	0.050		Set Trigger
3	2.430	0.055	0.034	0.032	0.050		Set Trigger
4	2.406	0.055	0.034	0.032	0.050		Set Trigger
5	2.407	0.056	0.034	0.032	0.051		Set Trigger

AVG 2.42

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/ 29/07

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



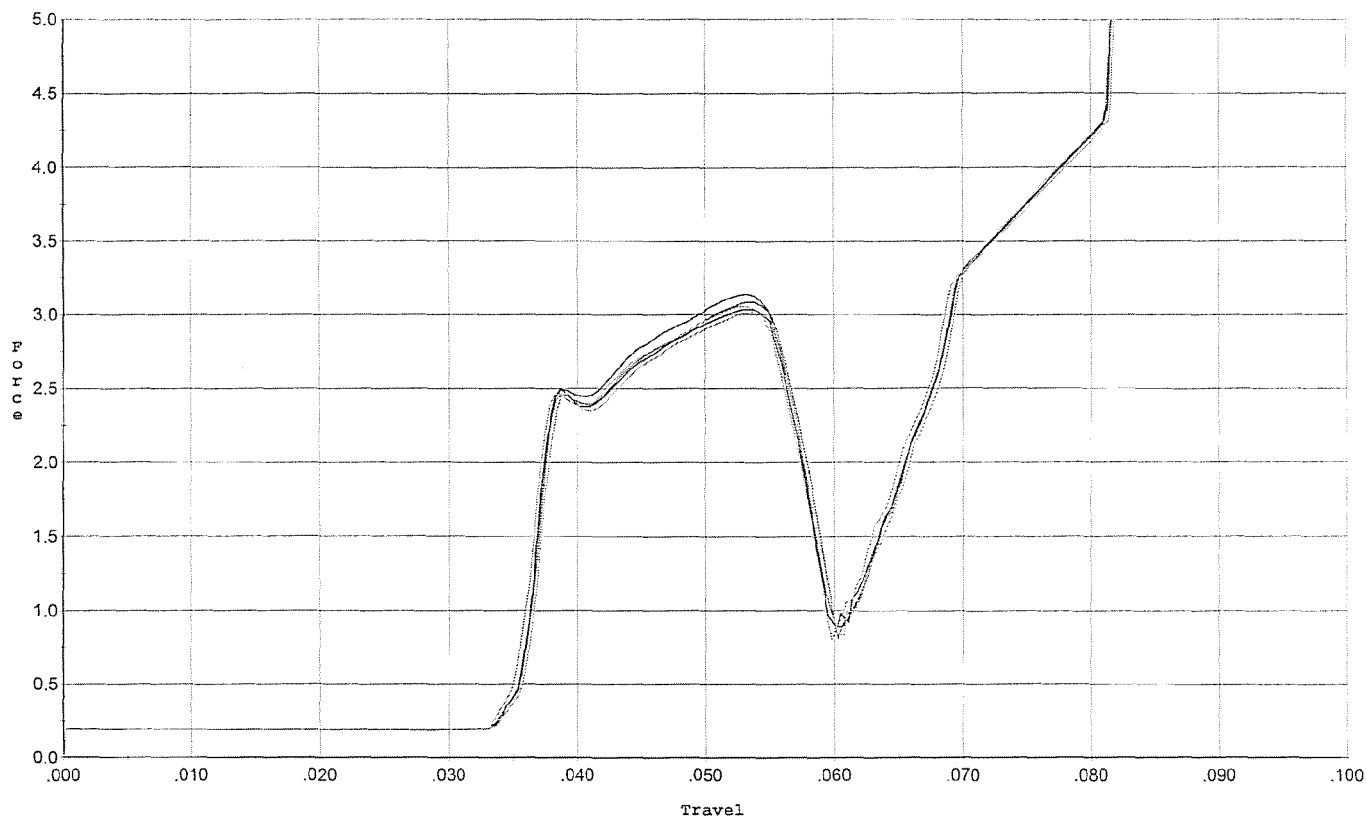
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.536	0.056	0.035	0.032	0.053		Set Trigger
2	2.493	0.056	0.035	0.033	0.051		Set Trigger
3	2.470	0.056	0.035	0.032	0.052		Set Trigger
4	2.508	0.057	0.035	0.032	0.054		Set Trigger
5	2.461	0.057	0.034	0.032	0.052		Set Trigger

AVG 2.49

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/ 29/07

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



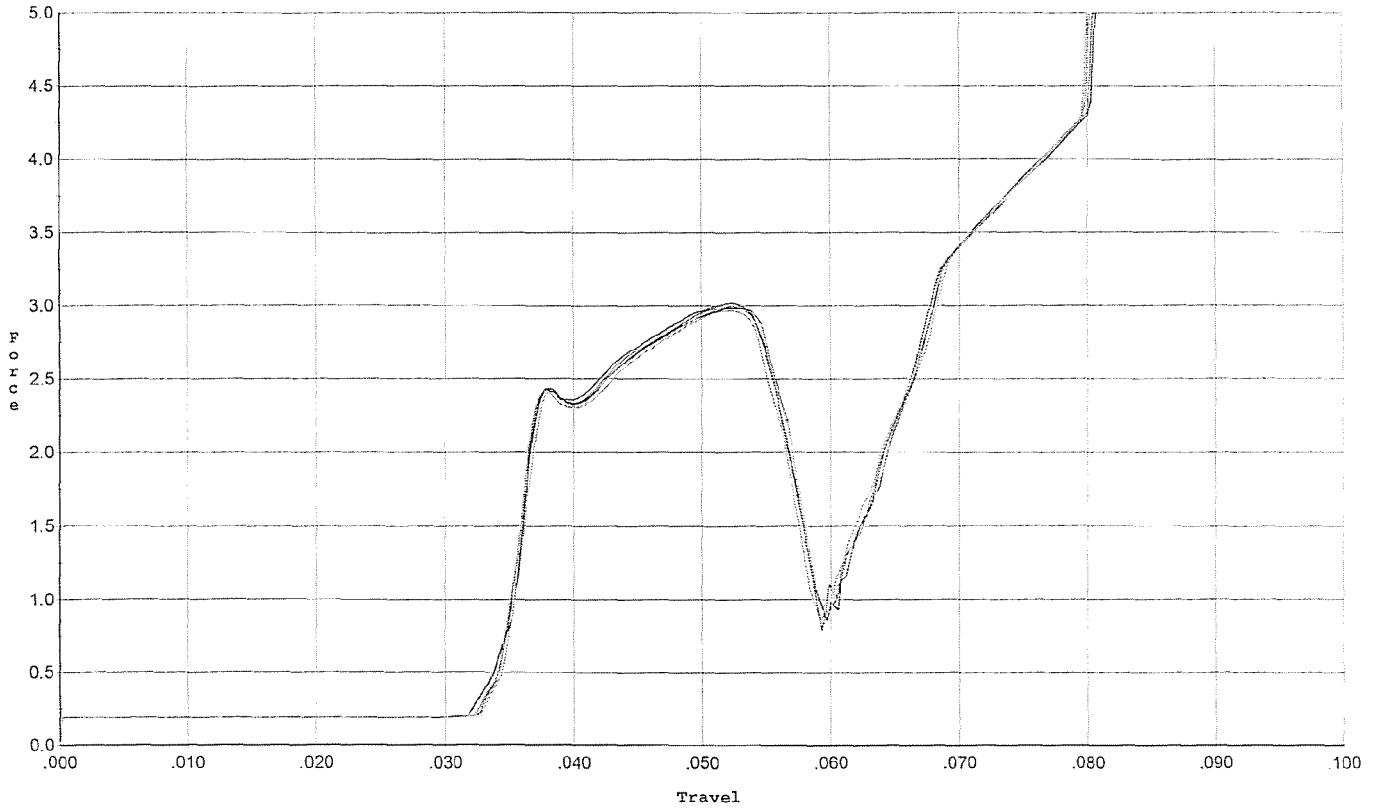
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.141	0.057	0.034	0.031	0.064		Set Trigger
2	3.036	0.057	0.034	0.031	0.063		Set Trigger
3	3.085	0.058	0.034	0.030	0.065		Set Trigger
4	3.012	0.057	0.034	0.031	0.062		Set Trigger
5	3.056	0.058	0.034	0.031	0.064		Set Trigger

AVG 3.06

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/ 29/07

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



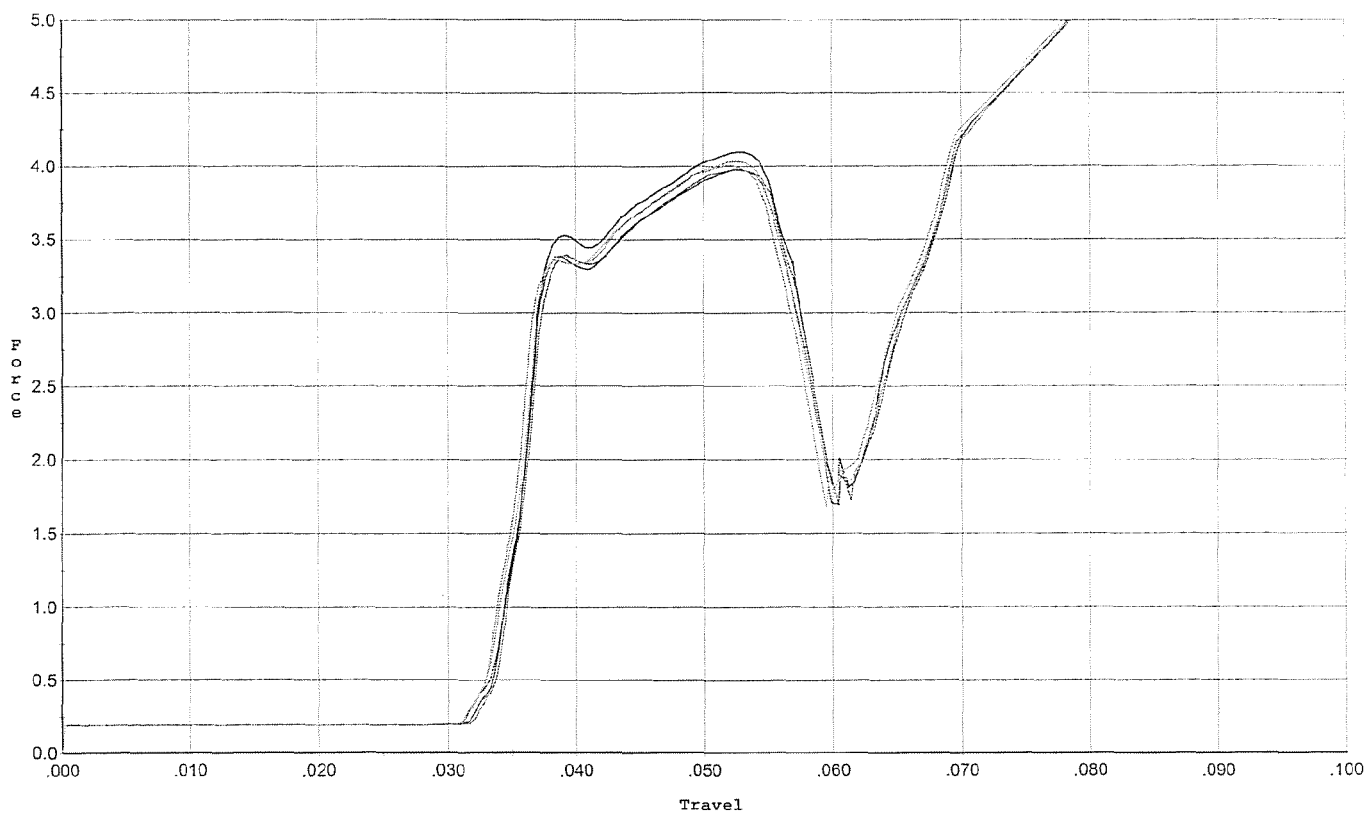
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.019	0.057	0.033	0.030	0.065		Set Trigger
2	2.985	0.057	0.033	0.030	0.064		Set Trigger
3	2.997	0.057	0.033	0.030	0.064		Set Trigger
4	2.977	0.057	0.033	0.030	0.063		Set Trigger
5	2.966	0.056	0.033	0.030	0.062		Set Trigger

AVG 2.98

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/ 29/07

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



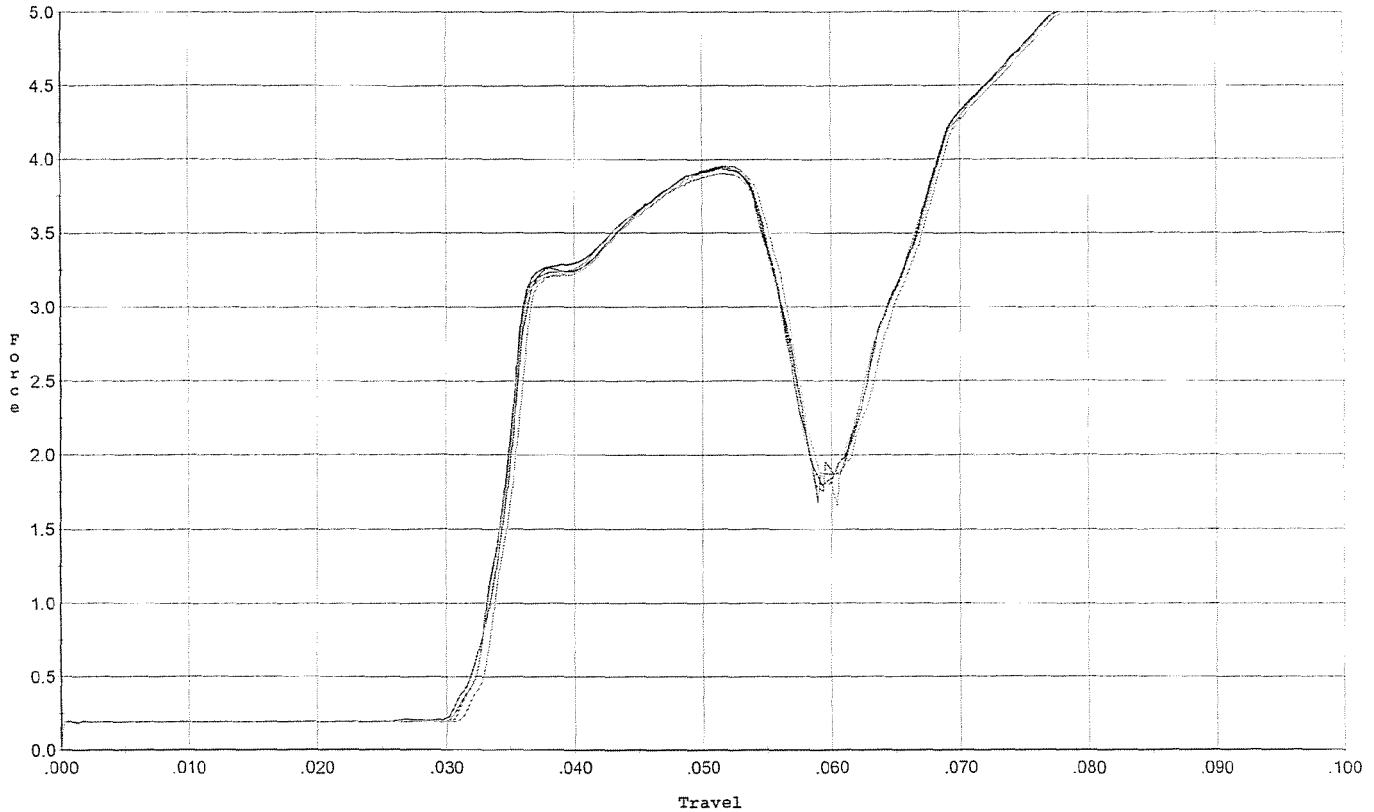
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.981	0.058	0.032	0.028	0.087		Set Trigger
2	4.099	0.057	0.032	0.028	0.088		Set Trigger
3	3.979	0.057	0.033	0.028	0.086		Set Trigger
4	4.036	0.056	0.032	0.029	0.086		Set Trigger
5	4.009	0.057	0.032	0.028	0.087		Set Trigger

AVG 4.02

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 8/ 29/07

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



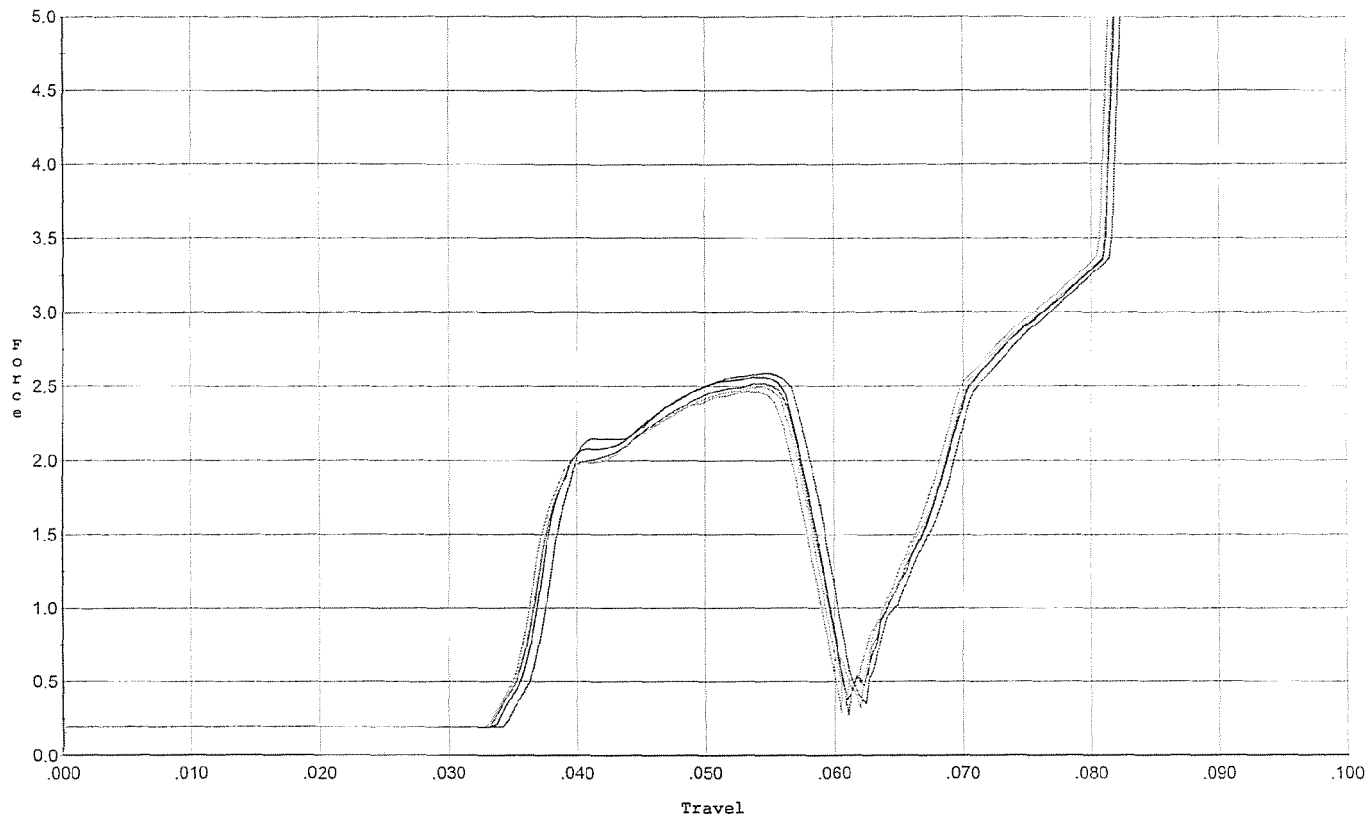
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.935	0.057	0.031	0.028	0.086		Set Trigger
2	3.944	0.056	0.031	0.028	0.084		Set Trigger
3	3.953	0.057	0.031	0.028	0.087		Set Trigger
4	3.938	0.056	0.032	0.029	0.084		Set Trigger
5	3.904	0.056	0.031	0.029	0.083		Set Trigger

AVG 2.93

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 8/ 29/07

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



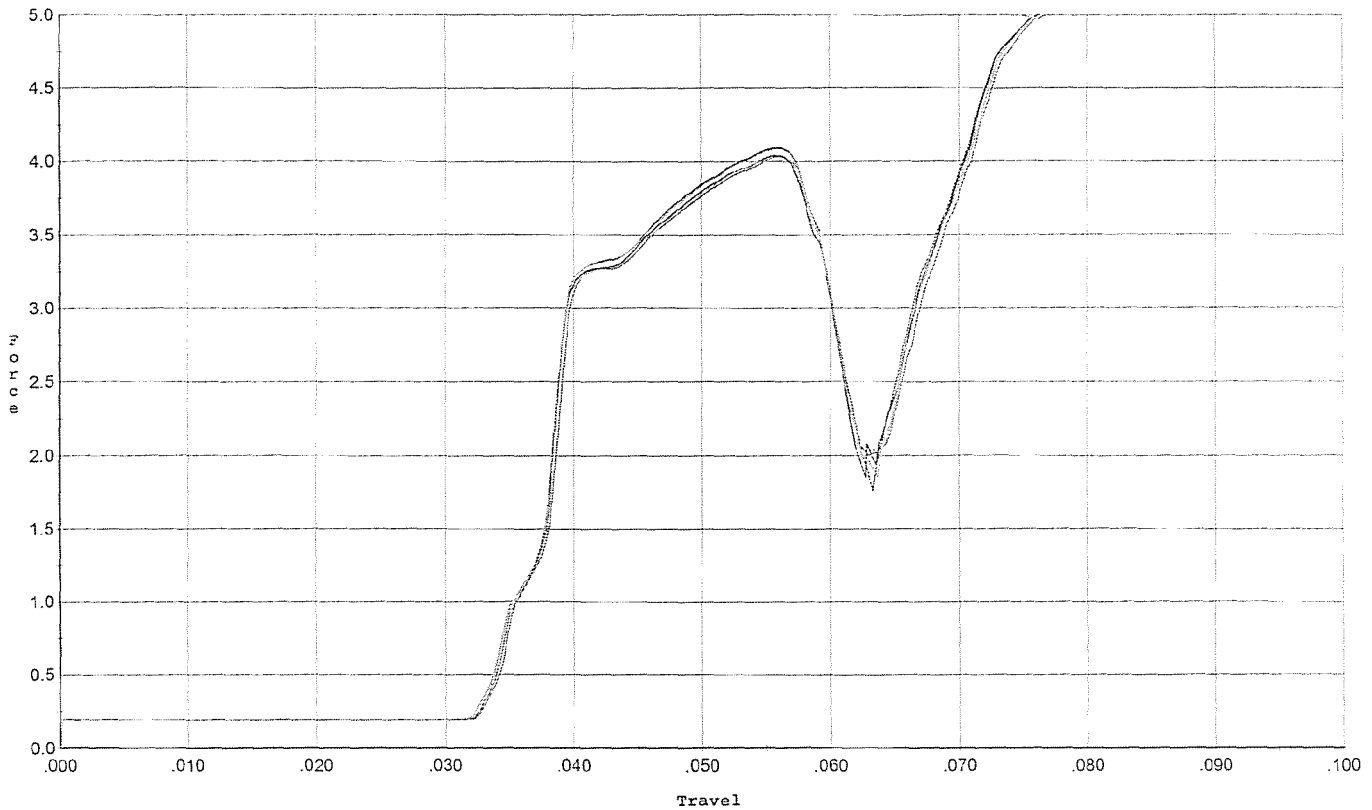
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.588	0.059	0.035	0.030	0.057		Set Trigger
2	2.561	0.059	0.034	0.031	0.056		Set Trigger
3	2.518	0.059	0.034	0.030	0.056		Set Trigger
4	2.493	0.058	0.034	0.031	0.054		Set Trigger
5	2.466	0.059	0.034	0.030	0.055		Set Trigger

Avg 2.52

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 8/ 29/07

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	4.096	0.059	0.033	0.028	0.089		Set Trigger
2	4.041	0.059	0.033	0.028	0.089		Set Trigger
3	4.034	0.059	0.033	0.028	0.088		Set Trigger
4	4.047	0.059	0.033	0.028	0.089		Set Trigger
5	4.087	0.059	0.033	0.028	0.090		Set Trigger

AVG 4.06

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6677017.___0
FILE DATE AND TIME: 09/05/2007 22:17

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.046
The Average Y Centroid of the Five Target Set:	-0.106
The Average Point of Impact of the Five Target Set:	0.115
The Average Mean Radius of the Five Target Set:	0.613
The Distance from POA to Centroid Target #1:	0.096
The Distance from Centroid Target #2 to Centroid Target #1:	0.167
The Distance from Centroid Target #3 to Centroid Target #1:	0.218
The Distance from Centroid Target #4 to Centroid Target #1:	0.240
The Distance from Centroid Target #5 to Centroid Target #1:	0.319

BARBER - M24 0173467

SERIAL NUMBER: G6677017. __0

TARGET NUMBER: 1

FILE DATE: 09/05/2007

FILE TIME: 22:17

POINT#	X	Y
1:	0.802	0.840
2:	-0.069	0.596
3:	-0.082	0.416
4:	-0.219	-0.587
5:	0.261	-0.225
6:	0.369	0.115
7:	-0.246	0.183
8:	-0.312	-0.190
9:	-1.428	-1.371
10:	-0.012	0.001

X CENTROID: -0.094

Y CENTROID: -0.022

POA TO CENTROID: 0.096

HORZ SPREAD: 2.230

VERT SPREAD: 2.211

GROUP SPREAD: 3.140

MIN RADIUS: 0.085

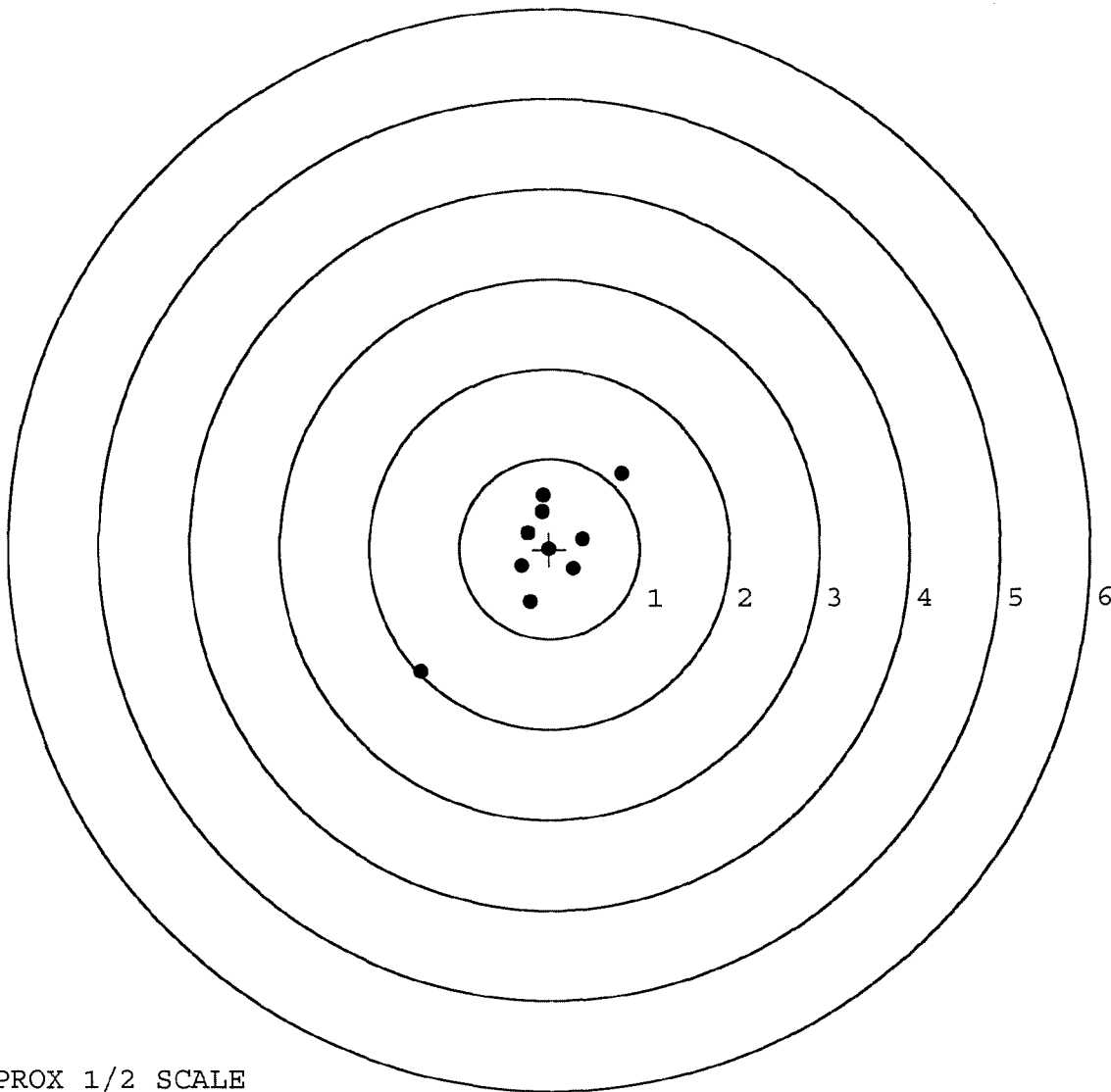
MAX RADIUS: 1.897

MEAN RADIUS: 0.628

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0173468

SERIAL NUMBER: G6677017.____0

TARGET NUMBER: 2

FILE DATE: 09/05/2007

FILE TIME: 22:17

POINT#	X	Y
1:	-0.404	0.327
2:	-0.163	0.348
3:	0.426	0.117
4:	0.404	-0.111
5:	-0.296	-0.360
6:	-0.379	-0.148
7:	-0.644	-0.382
8:	0.076	-0.667
9:	0.854	-0.283
10:	-1.103	-0.705

X CENTROID: -0.123

Y CENTROID: -0.186

POA TO CENTROID: 0.223

HORZ SPREAD: 1.957

VERT SPREAD: 1.053

GROUP SPREAD: 2.002

MIN RADIUS: 0.245

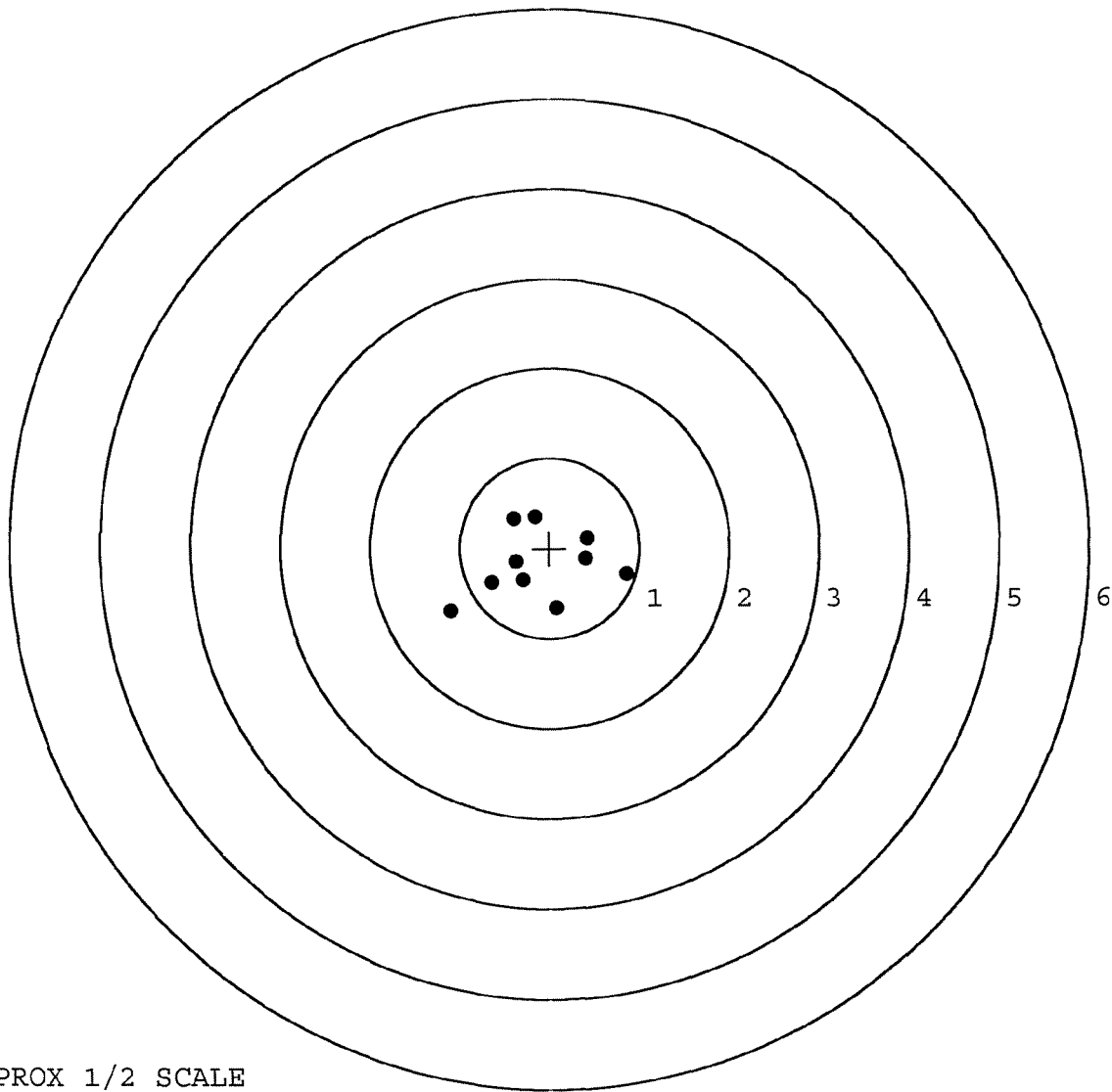
MAX RADIUS: 1.109

MEAN RADIUS: 0.595

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0173469

SERIAL NUMBER: G6677017. __0

TARGET NUMBER: 3

FILE DATE: 09/05/2007

FILE TIME: 22:17

POINT#	X	Y
1:	-0.214	0.430
2:	-0.237	0.151
3:	0.104	0.439
4:	0.574	0.140
5:	0.861	-0.146
6:	0.743	-0.593
7:	0.364	-0.287
8:	0.120	-0.221
9:	-0.366	-0.545
10:	-0.779	-0.163

X CENTROID: 0.117

Y CENTROID: -0.080

POA TO CENTROID: 0.141

HORZ SPREAD: 1.640

VERT SPREAD: 1.032

GROUP SPREAD: 1.640

MIN RADIUS: 0.142

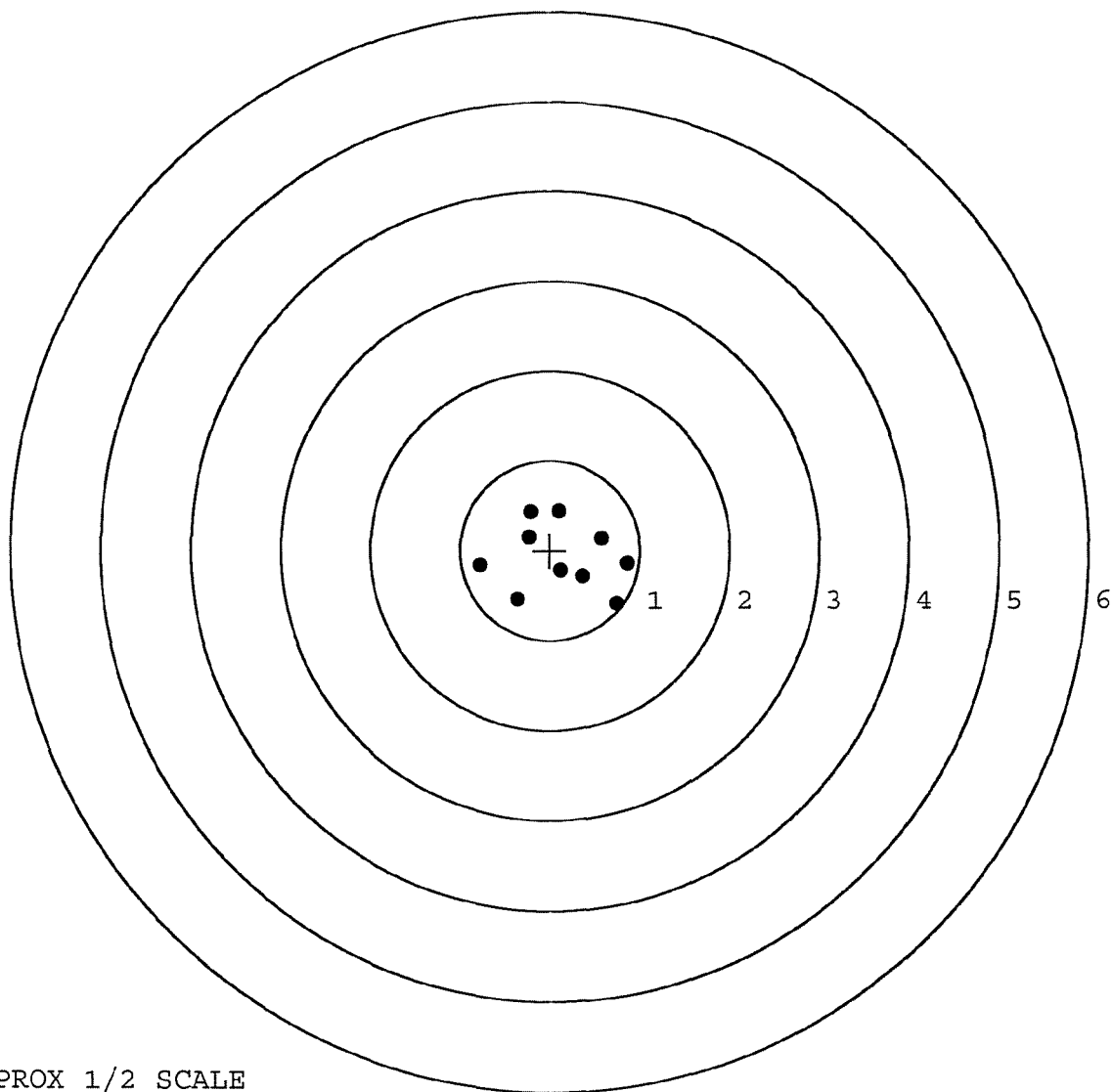
MAX RADIUS: 0.900

MEAN RADIUS: 0.565

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0173470

SERIAL NUMBER: G6677017. 0

TARGET NUMBER: 4

FILE DATE: 09/05/2007

FILE TIME: 22:17

POINT#	X	Y
1:	-0.174	0.622
2:	0.223	0.269
3:	0.677	0.240
4:	0.697	-0.008
5:	0.773	-0.539
6:	0.187	-0.173
7:	0.057	-0.471
8:	-0.306	-0.434
9:	-0.311	-0.214
10:	-0.410	-0.007

X CENTROID: 0.141

Y CENTROID: -0.071

POA TO CENTROID: 0.158

HORZ SPREAD: 1.183

VERT SPREAD: 1.161

GROUP SPREAD: 1.498

MIN RADIUS: 0.111

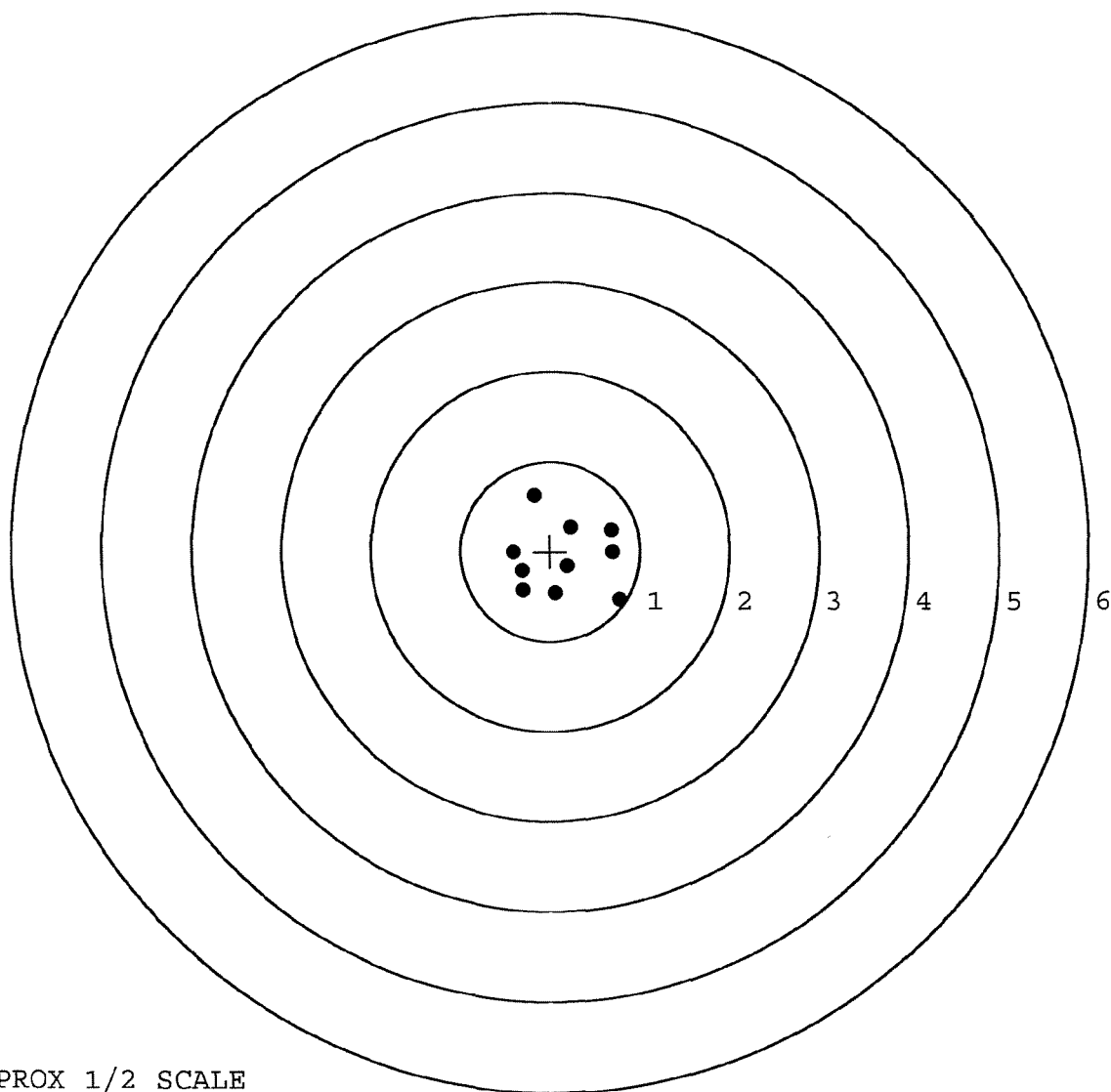
MAX RADIUS: 0.786

MEAN RADIUS: 0.520

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6677017. __0

TARGET NUMBER: 5

FILE DATE: 09/05/2007

FILE TIME: 22:17

POINT#	X	Y
1:	0.404	0.764
2:	0.406	0.805
3:	0.321	0.033
4:	0.474	-0.044
5:	0.768	-0.182
6:	0.593	-0.381
7:	0.549	-0.729
8:	0.317	-1.145
9:	-1.131	-0.609
10:	-0.812	-0.210

X CENTROID: 0.189

Y CENTROID: -0.170

POA TO CENTROID: 0.254

HORZ SPREAD: 1.899

VERT SPREAD: 1.950

GROUP SPREAD: 2.088

MIN RADIUS: 0.242

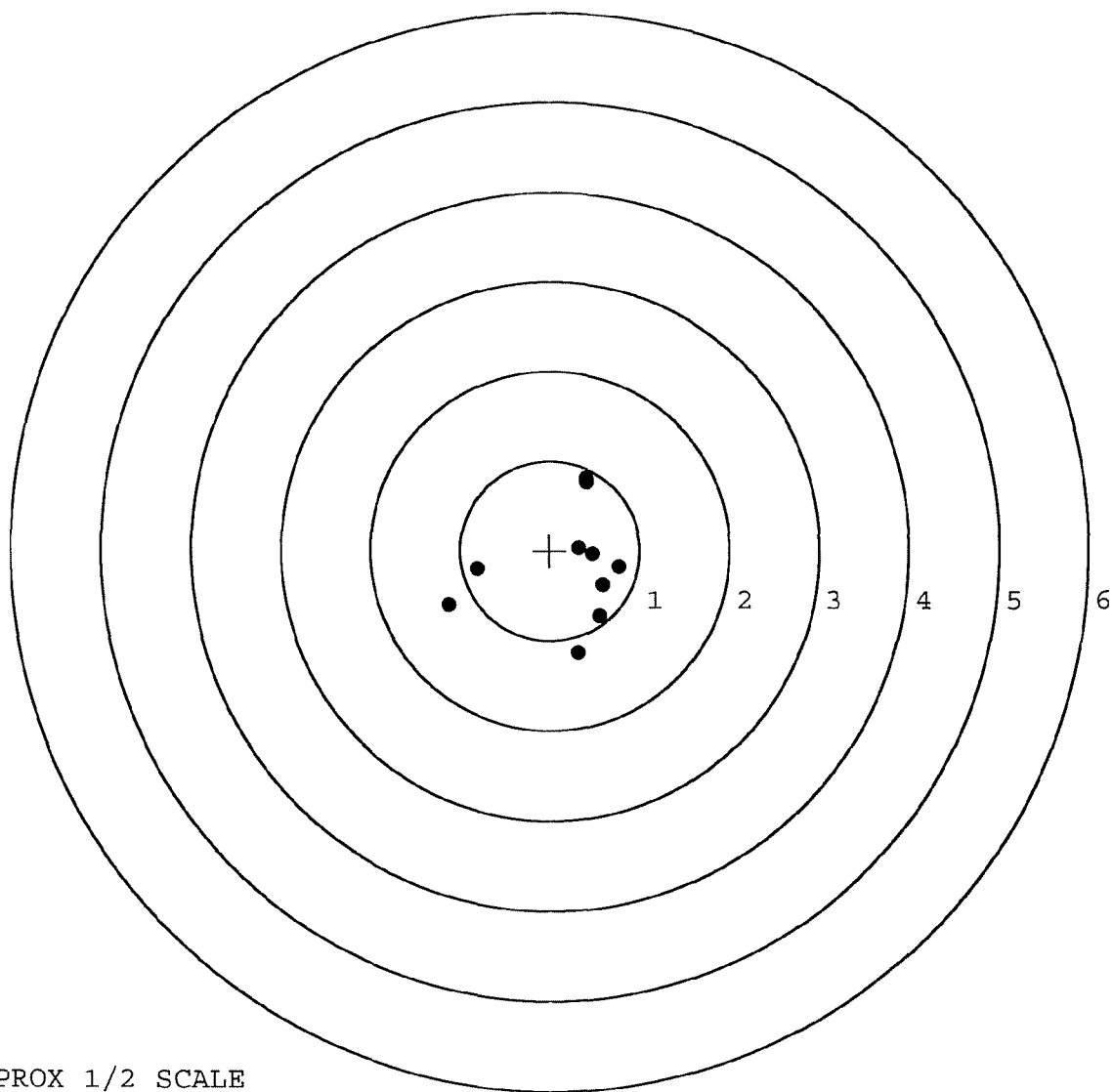
MAX RADIUS: 1.391

MEAN RADIUS: 0.759

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE