

663744

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



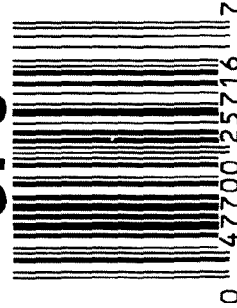
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6637744

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 # G6637744

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		4-13-07	KTL
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		4-16-07	Fm
470	DIS-ASSEMBLE ACTION	APR 19 2007	4-16-07	KTL
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CPD</u>	4-19-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		4-19-07	CW
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	(W)
560	RE-ASSEMBLE ACTION		4-25-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4-25-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4-25-07	SD
	D) OIL FIRING PIN ASSEMBLY		5-22-07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		5/22/07	TRW

F004 REV 5/2006

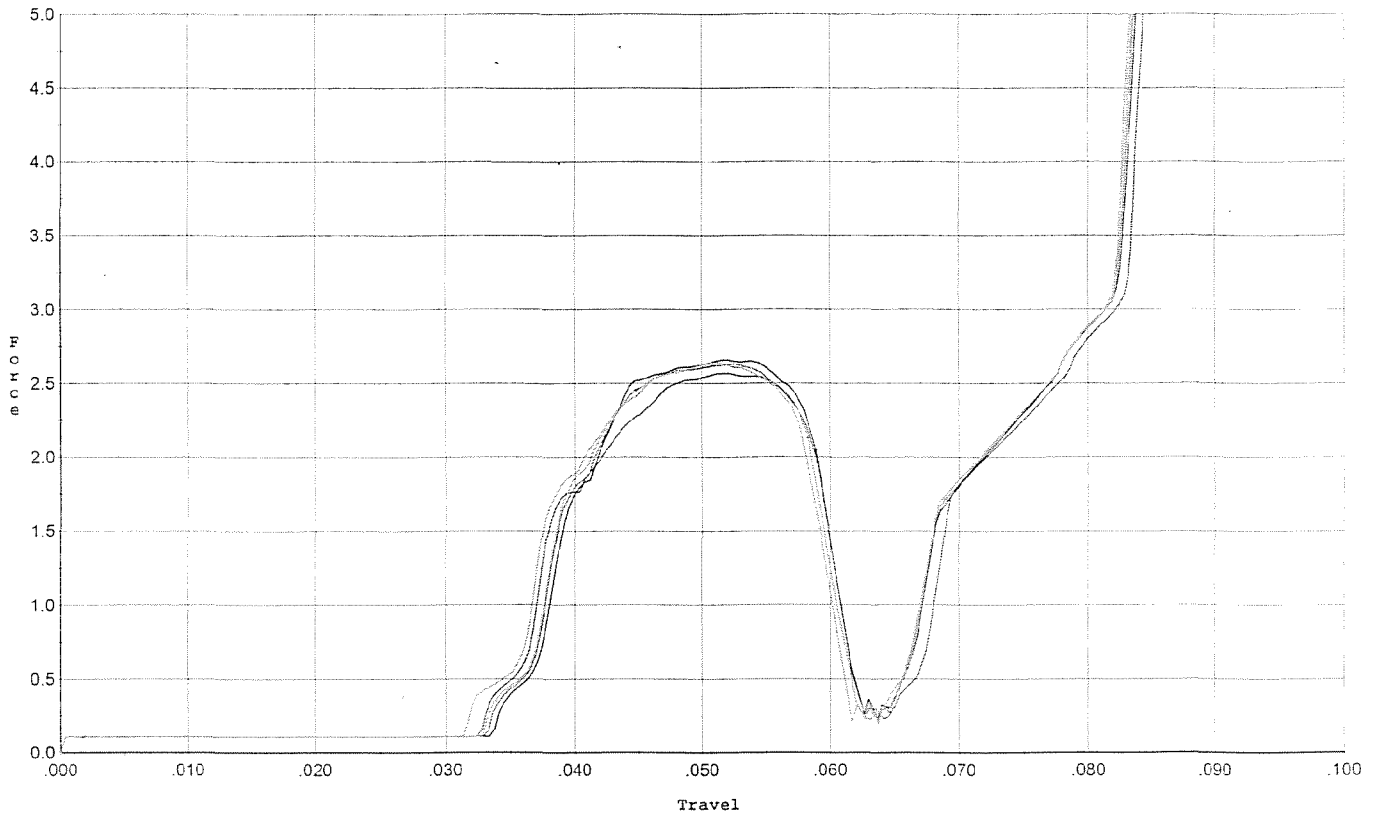
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.0</u> <u>7.0</u> <u>7.0</u>	5-29-07	RA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>3.0</u> <u>3.0</u>	5-29-07	RA
	H) TRIGGER PULL TEST AND RETAINABILITY		6/8/07	W
	I) FIRING PIN INDENT .020 MIN	<u>1023</u> <u>10235</u> <u>10235</u>	5-29-07	RA
	J) ASSEMBLE STOCK		5-22-07	SPD
	K) ASSEMBLE SWIVEL STUDS		6-8-07	SD
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		6/8/07	W
	M) IRON SIGHT ALIGNMENT		6/8/07	W
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		6/8/07	W
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	4-27-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-27-07	Fm
670	FINAL INSPECTION A) HEADSPACE		6/8/07	W
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>267</u> <u>252</u> <u>255</u> <u>269</u> <u>269</u>	5/22/07	W
	C) FUNCTION		6/8/07	W
690	PACK		6-25-07	RA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 4/26/07

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



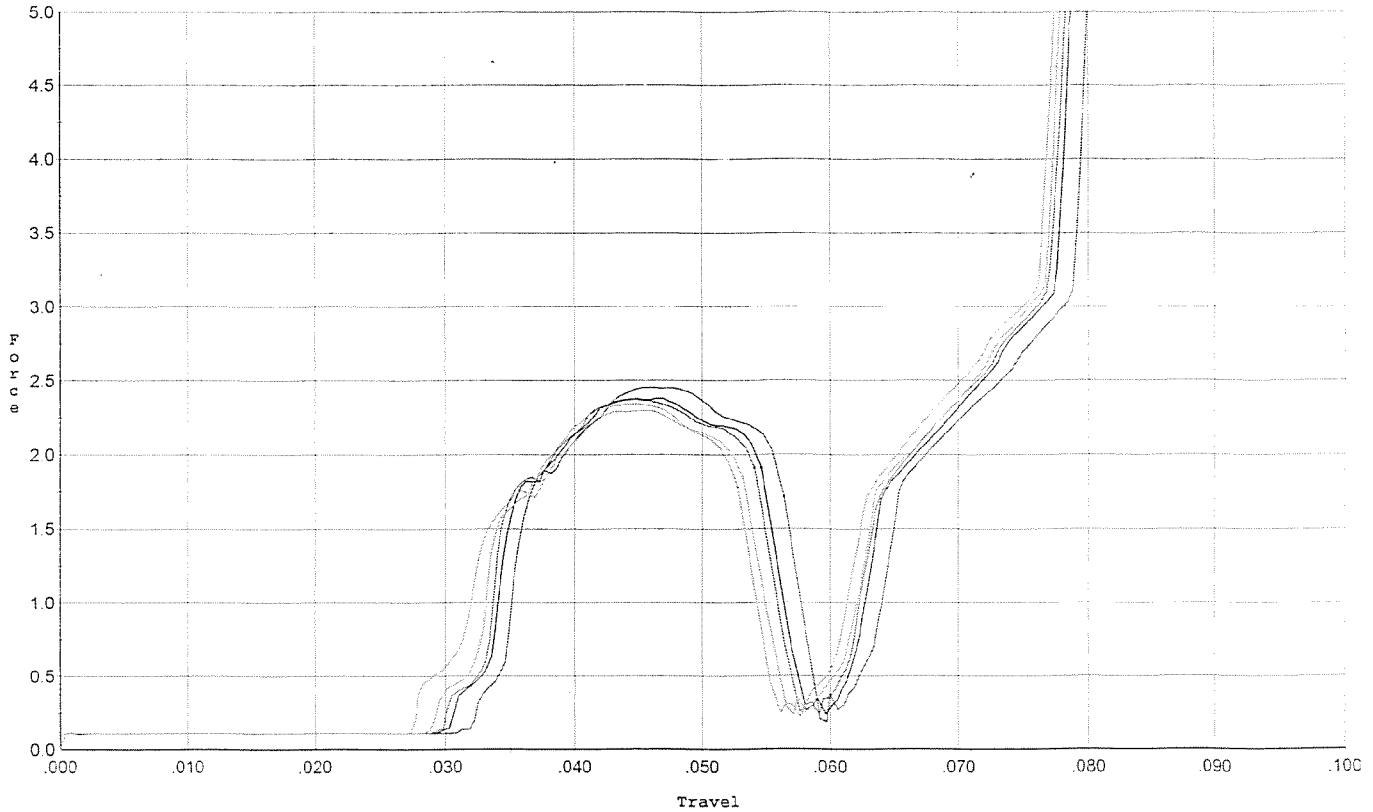
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.569	0.059	0.033	0.032	0.056		Set Trigger
2	2.661	0.059	0.034	0.031	0.056		Set Trigger
3	2.631	0.058	0.034	0.032	0.055		Set Trigger
4	2.626	0.058	0.033	0.032	0.055		Set Trigger
5	2.642	0.059	0.032	0.031	0.057		Set Trigger

2.63 Avg.

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 4/26/07

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



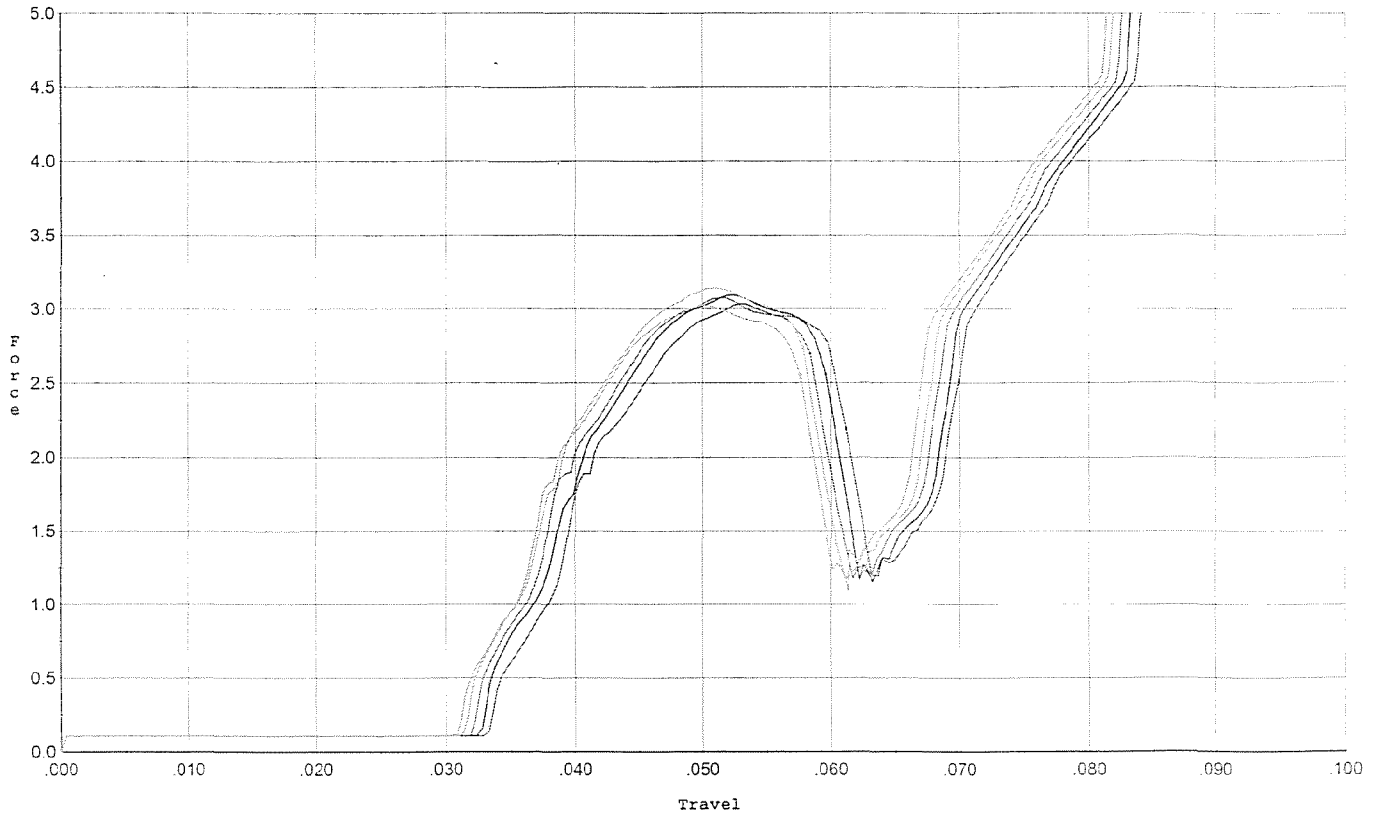
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.453	0.056	0.032	0.031	0.052		Set Trigger
2	2.380	0.055	0.031	0.031	0.049		Set Trigger
3	2.375	0.054	0.030	0.030	0.049		Set Trigger
4	2.295	0.053	0.029	0.031	0.047		Set Trigger
5	2.342	0.053	0.028	0.031	0.048		Set Trigger

2.37 Avg.

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 4/26/07

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



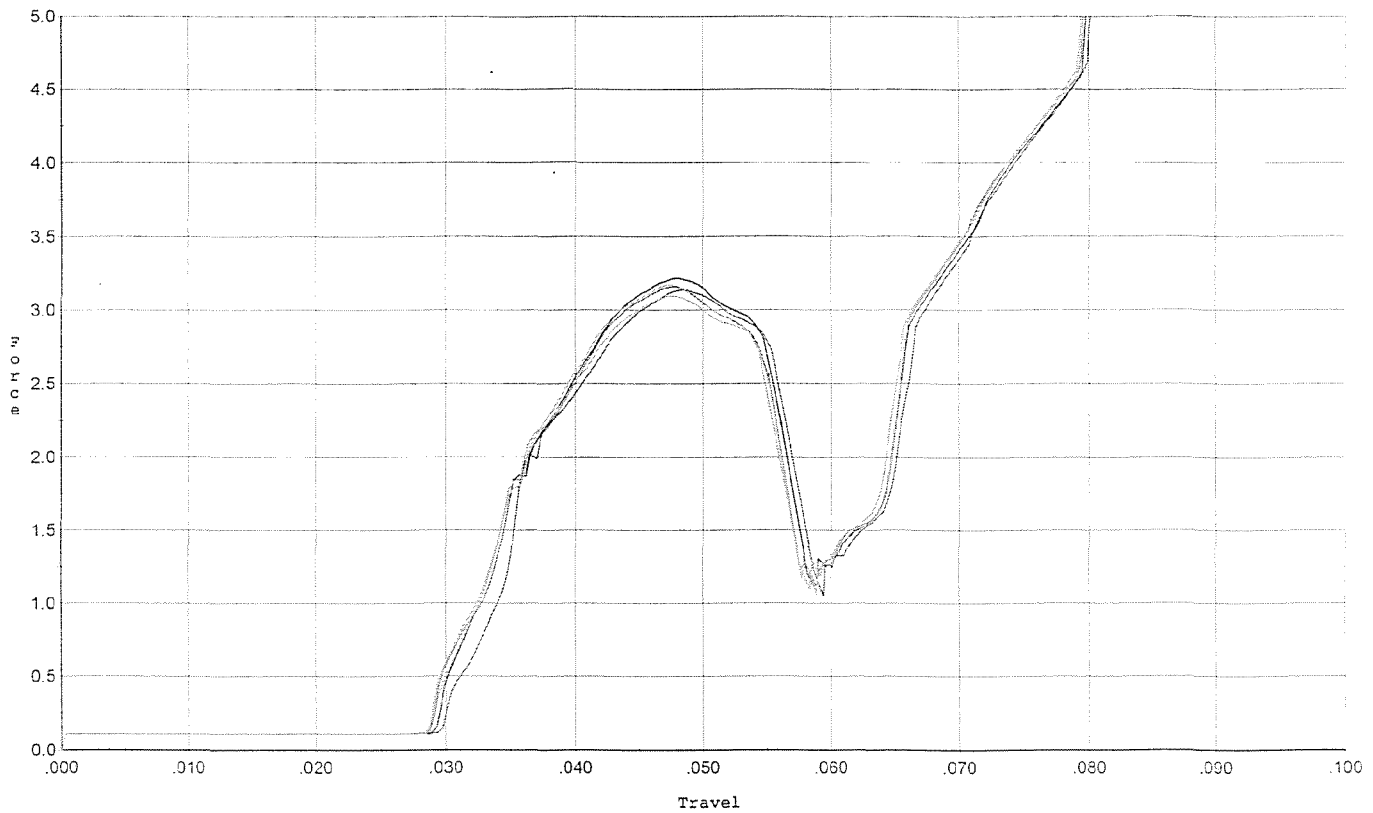
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.034	0.061	0.034	0.029	0.067		Set Trigger
2	3.093	0.060	0.033	0.029	0.067		Set Trigger
3	3.075	0.058	0.032	0.030	0.065		Set Trigger
4	3.139	0.058	0.032	0.030	0.067		Set Trigger
5	3.021	0.058	0.031	0.029	0.065		Set Trigger

3.07 Avg

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 4/26/07

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



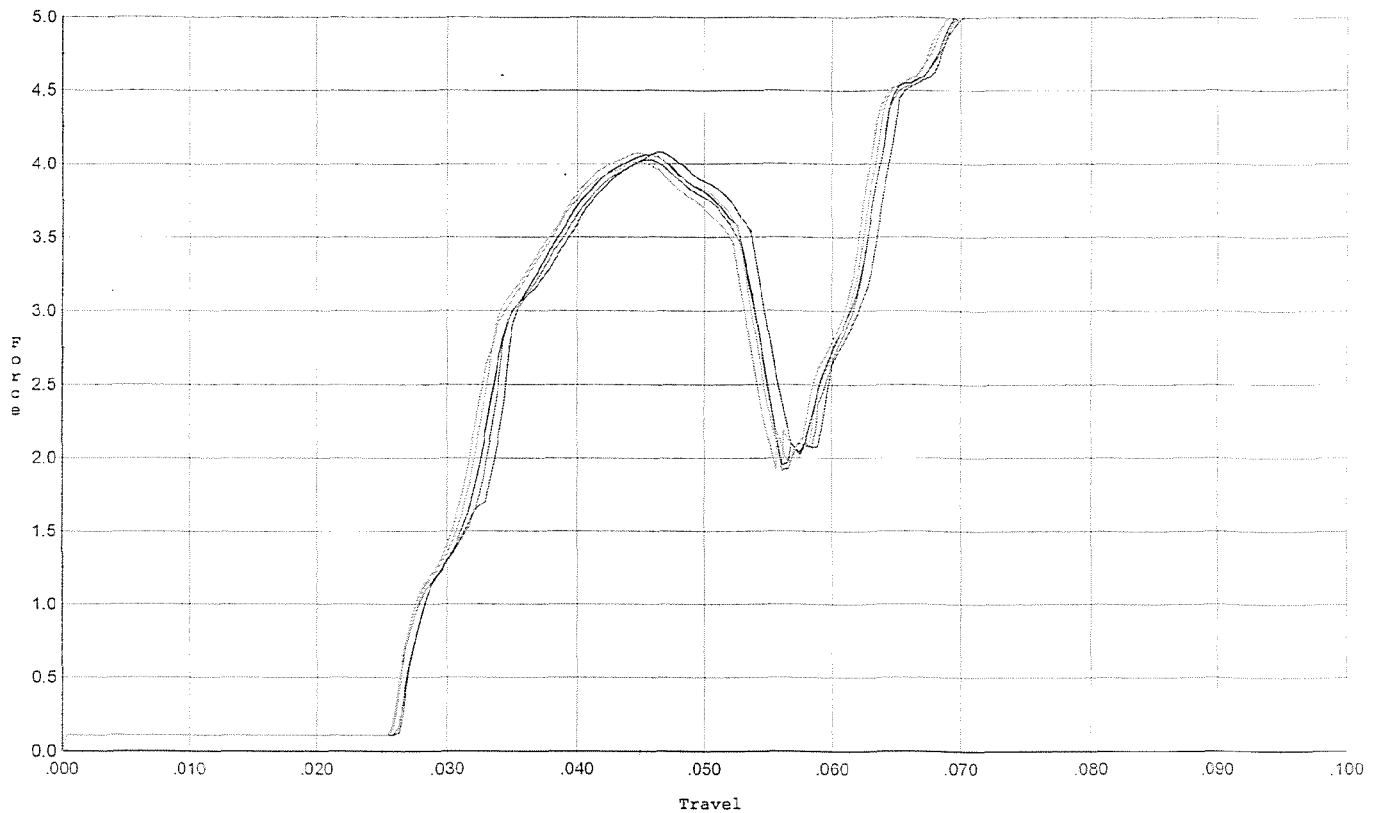
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.136	0.057	0.030	0.030	0.066		Set Trigger
2	3.216	0.056	0.030	0.030	0.067		Set Trigger
3	3.160	0.055	0.029	0.030	0.065		Set Trigger
4	3.093	0.055	0.029	0.030	0.065		Set Trigger
5	3.171	0.056	0.029	0.029	0.067		Set Trigger

3.16 Avg.

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 4/26/07

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



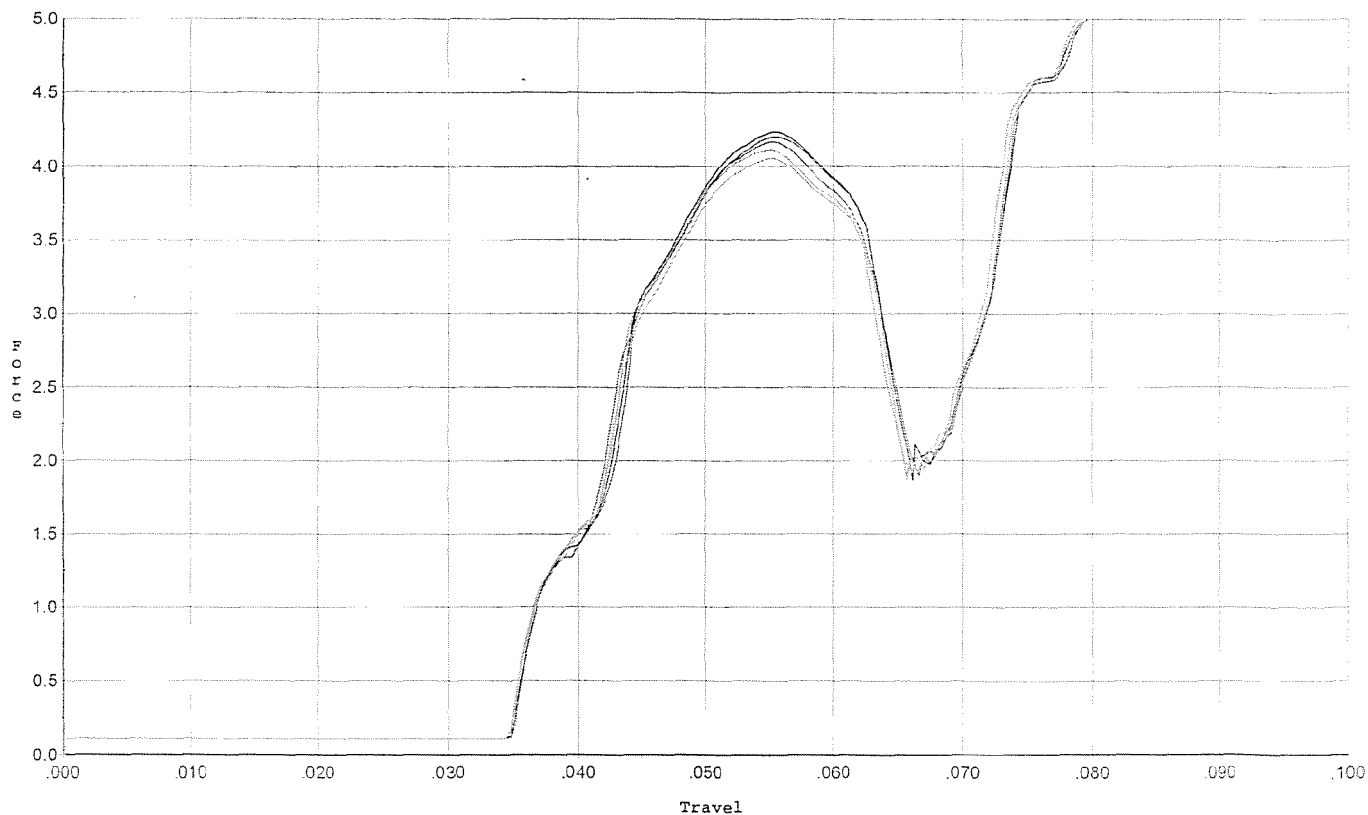
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.080	0.054	0.027	0.027	0.086		Set Trigger
2	4.061	0.054	0.027	0.027	0.087		Set Trigger
3	4.031	0.054	0.026	0.027	0.086		Set Trigger
4	4.074	0.053	0.026	0.027	0.086		Set Trigger
5	4.015	0.052	0.026	0.027	0.084		Set Trigger

4.05 Avg.

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 4/26/07

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

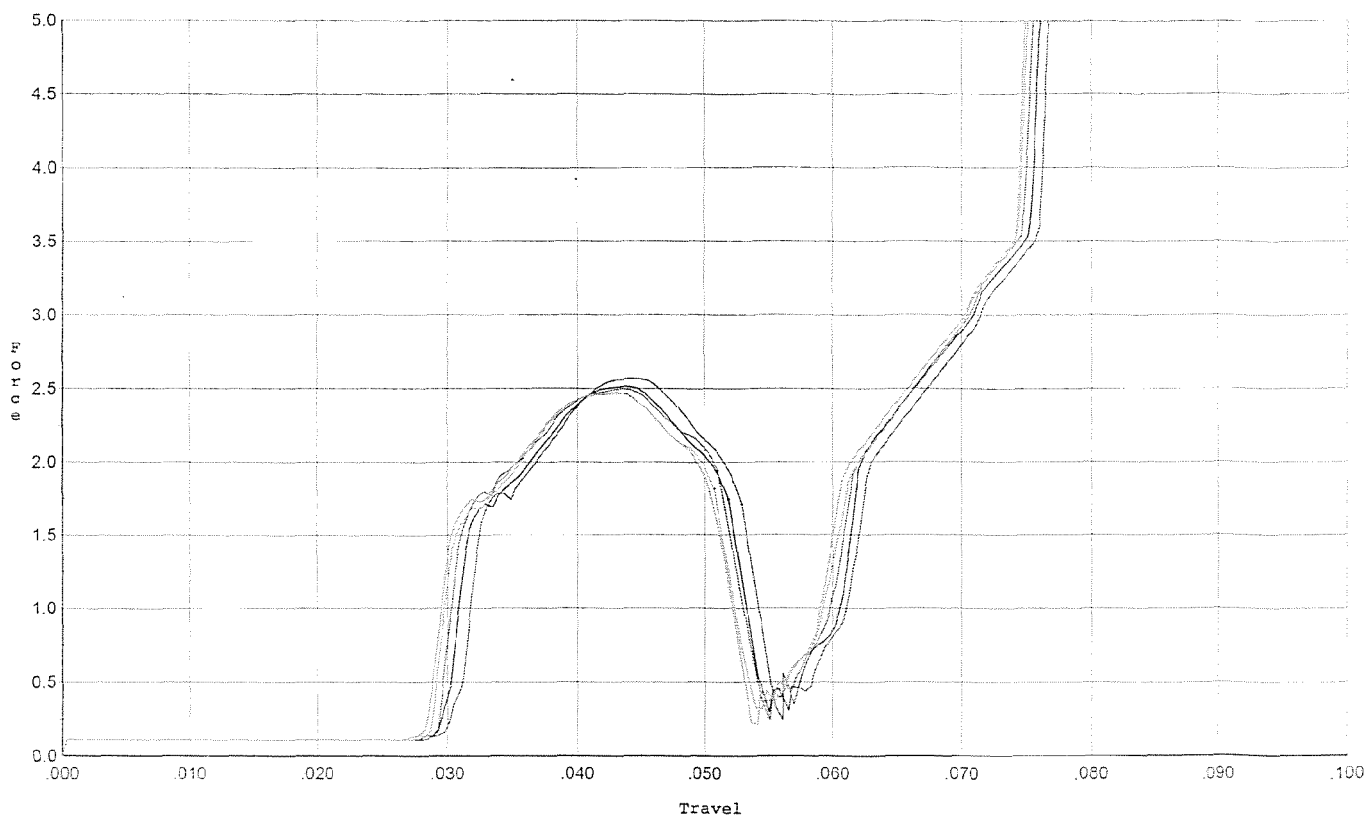


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.199	0.063	0.035	0.028	0.090		Set Trigger
2	4.236	0.063	0.035	0.028	0.091		Set Trigger
3	4.167	0.063	0.035	0.028	0.091		Set Trigger
4	4.054	0.063	0.035	0.028	0.089		Set Trigger
5	4.112	0.062	0.035	0.028	0.088		Set Trigger

4.15 Avg

Trigger Profile [lbs,inch]

Profile	SWS	Model:	M/24
GunType:	Rifle	Serial No:	Form #F005
Make:	Remington	Trigger:	reset to 2.45 lbs. +/- .50 lbs. for final test
Note:	M. McKinney 4/26/07		



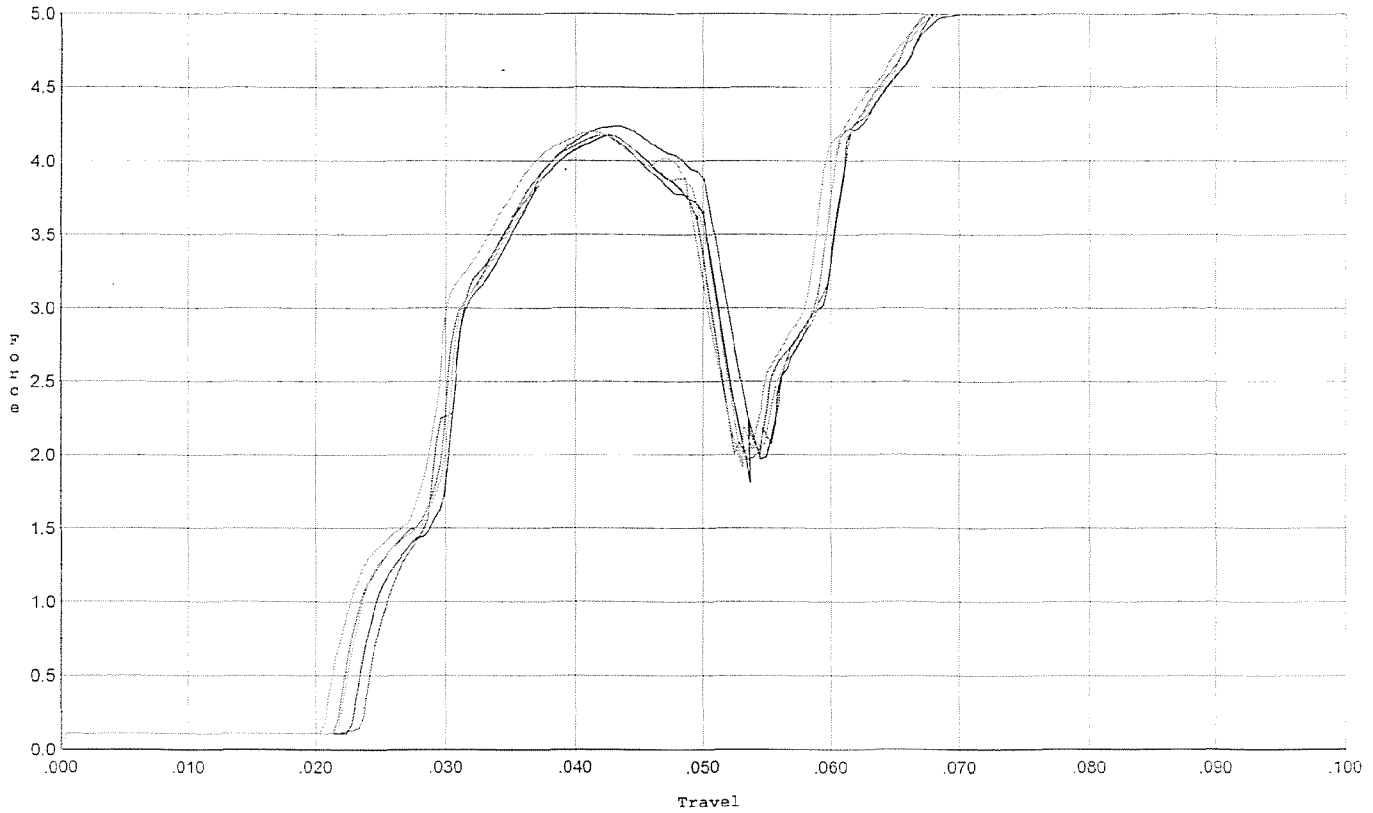
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.569	0.053	0.030	0.030	0.050		Set Trigger
2	2.514	0.052	0.030	0.030	0.049		Set Trigger
3	2.499	0.051	0.029	0.030	0.049		Set Trigger
4	2.467	0.051	0.029	0.030	0.048		Set Trigger
5	2.475	0.051	0.029	0.030	0.049		Set Trigger

2.51 Avg.

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 4/26/07

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	4.236	0.050	0.024	0.026	0.089		Set Trigger
2	4.173	0.050	0.023	0.027	0.086		Set Trigger
3	4.175	0.050	0.022	0.026	0.088		Set Trigger
4	4.182	0.050	0.022	0.026	0.089		Set Trigger
5	4.194	0.049	0.021	0.026	0.089		Set Trigger

7.19 Avg.

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637744.___0

FILE DATE AND TIME: 04/27/2007 10:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

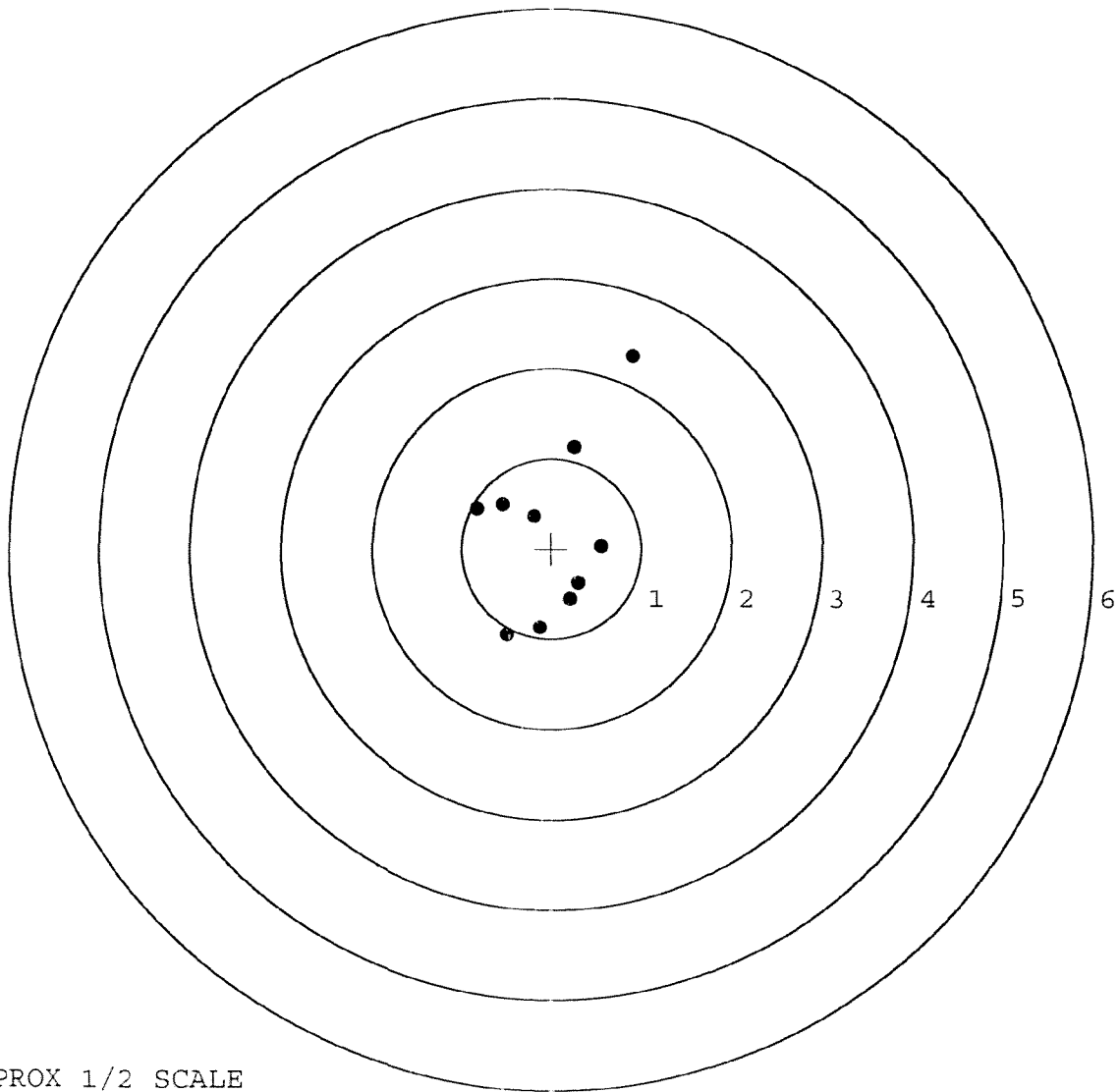
The Average X Centroid of the Five Target Set:	-0.016
The Average Y Centroid of the Five Target Set:	-0.004
The Average Point of Impact of the Five Target Set:	0.016
The Average Mean Radius of the Five Target Set:	0.682
The Distance from POA to Centroid Target #1:	0.182
The Distance from Centroid Target #2 to Centroid Target #1:	0.103
The Distance from Centroid Target #3 to Centroid Target #1:	0.295
The Distance from Centroid Target #4 to Centroid Target #1:	0.369
The Distance from Centroid Target #5 to Centroid Target #1:	0.213

BARBER - M24 0145727

SERIAL NUMBER: G6637744. __0
 TARGET NUMBER: 1
 FILE DATE: 04/27/2007
 FILE TIME: 10:38

POINT#	X	Y
1:	0.559	0.031
2:	0.305	-0.381
3:	0.211	-0.563
4:	-0.131	-0.885
5:	-0.496	-0.954
6:	-0.198	0.364
7:	-0.548	0.498
8:	-0.829	0.450
9:	0.258	1.122
10:	0.904	2.135

X CENTROID: 0.003
 Y CENTROID: 0.182
 POA TO CENTROID: 0.182
 HORZ SPREAD: 1.733
 VERT SPREAD: 3.089
 GROUP SPREAD: 3.391
 MIN RADIUS: 0.272
 MAX RADIUS: 2.151
 MEAN RADIUS: 0.921
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0145728

SERIAL NUMBER: G6637744. __0

TARGET NUMBER: 2

FILE DATE: 04/27/2007

FILE TIME: 10:38

POINT#	X	Y
1:	0.623	-0.606
2:	0.478	-0.021
3:	0.139	0.165
4:	-0.036	0.262
5:	-0.071	0.845
6:	-0.887	0.855
7:	-0.554	0.245
8:	-0.537	-0.206
9:	-0.017	-0.424
10:	0.040	0.125

X CENTROID: -0.082

Y CENTROID: 0.124

POA TO CENTROID: 0.149

HORZ SPREAD: 1.510

VERT SPREAD: 1.461

GROUP SPREAD: 2.101

MIN RADIUS: 0.122

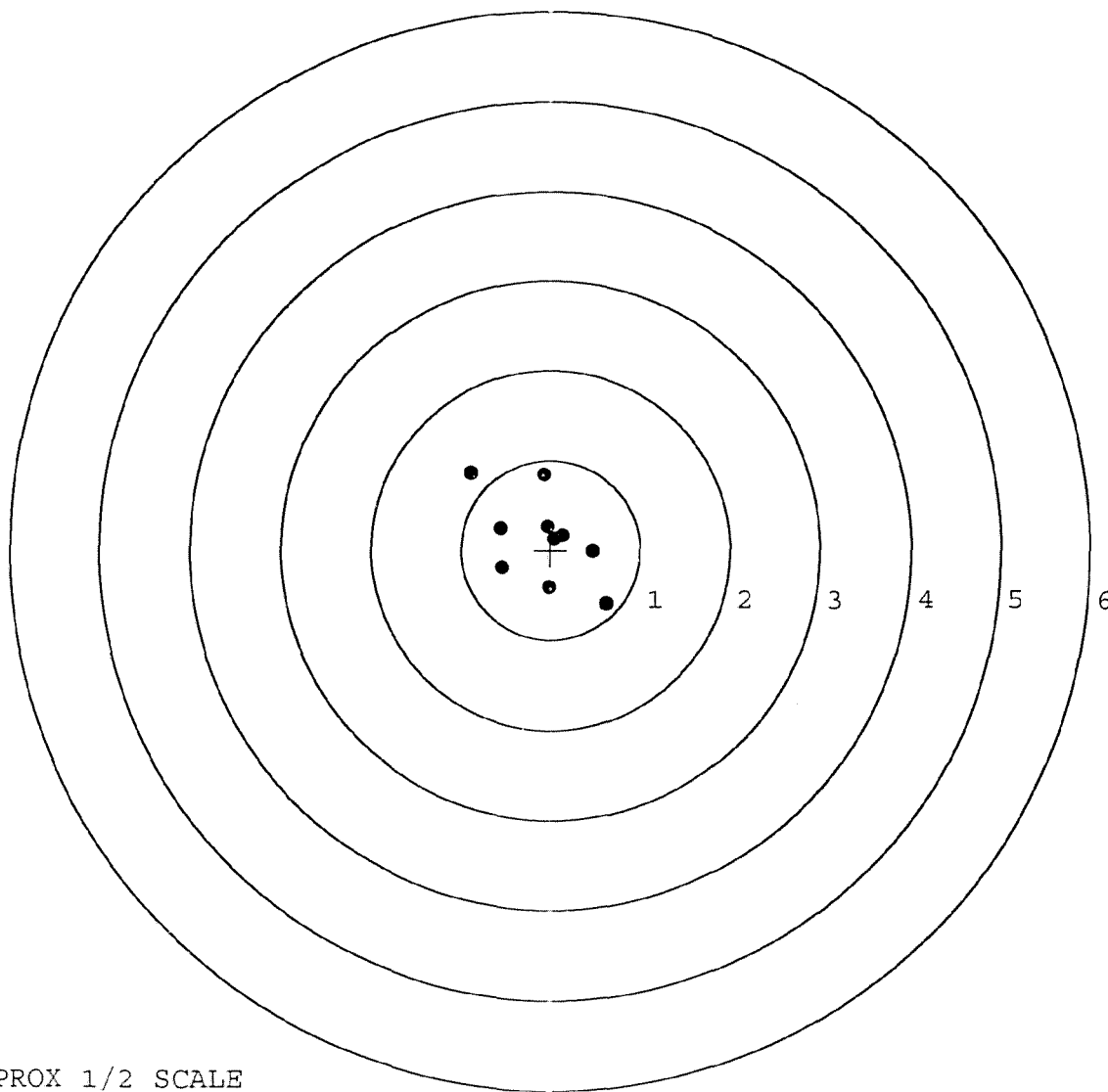
MAX RADIUS: 1.087

MEAN RADIUS: 0.550

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0145729

SERIAL NUMBER: G6637744. __0

TARGET NUMBER: 3

FILE DATE: 04/27/2007

FILE TIME: 10:38

POINT#	X	Y
1:	1.073	-0.171
2:	-0.077	-0.815
3:	-0.647	-0.939
4:	0.474	-0.091
5:	0.171	-0.228
6:	-0.097	-0.328
7:	-0.308	-0.028
8:	-0.244	0.355
9:	0.250	0.457
10:	-0.987	0.690

X CENTROID: -0.039

Y CENTROID: -0.110

POA TO CENTROID: 0.117

HORZ SPREAD: 2.060

VERT SPREAD: 1.629

GROUP SPREAD: 2.233

MIN RADIUS: 0.226

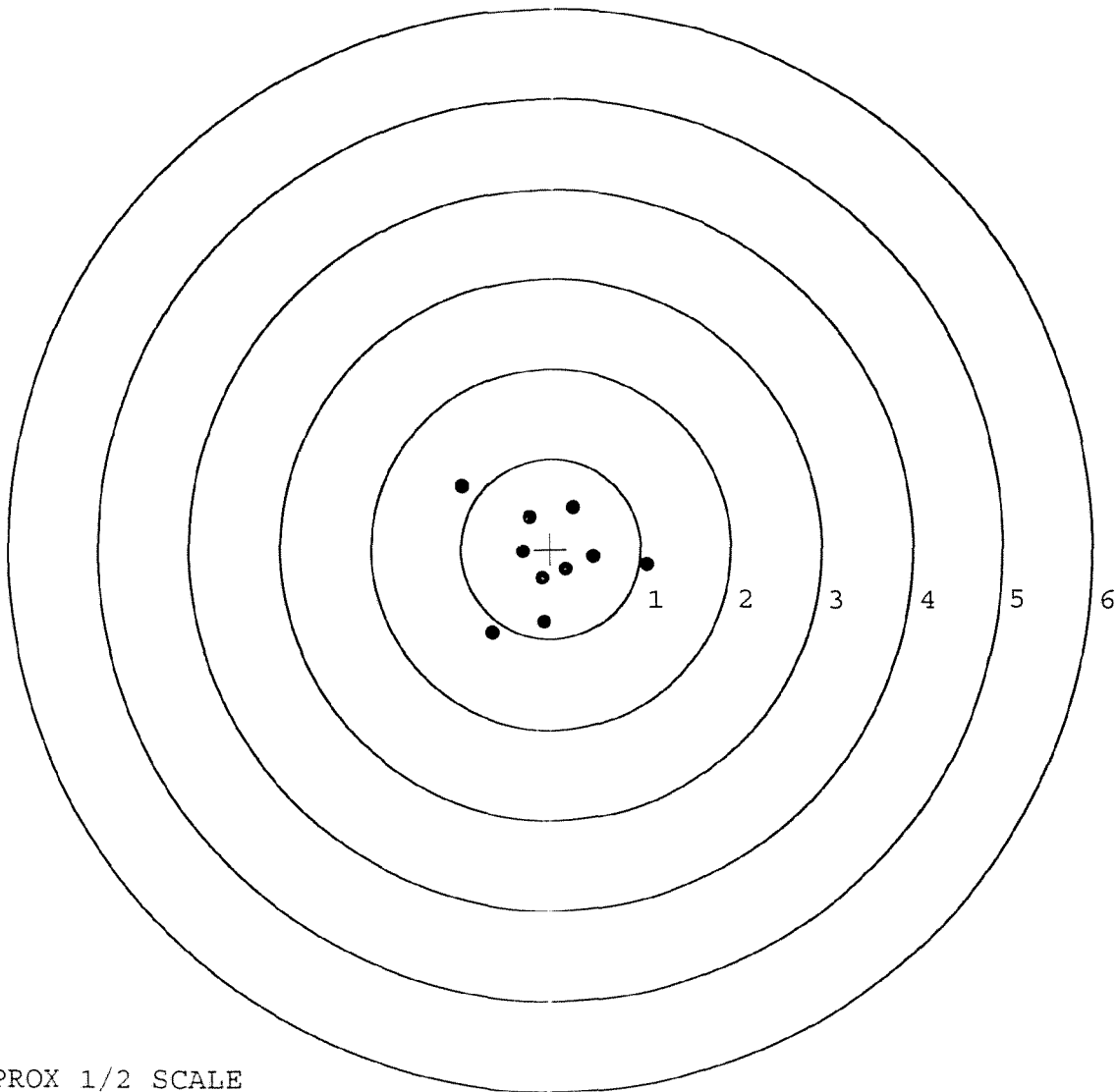
MAX RADIUS: 1.240

MEAN RADIUS: 0.649

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



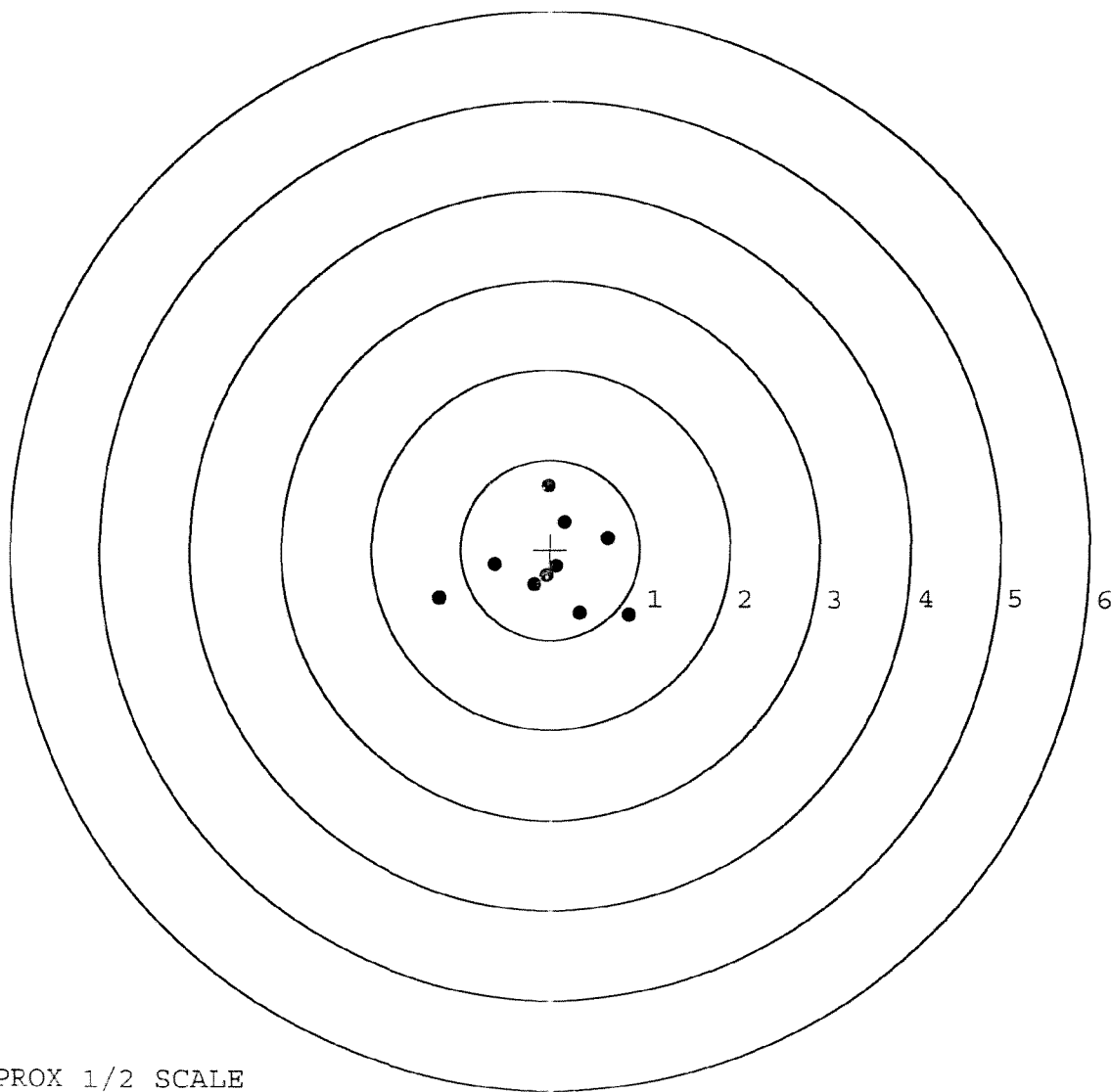
TARGET APPROX 1/2 SCALE

BARBER - M24 0145730

SERIAL NUMBER: G6637744. 0
 TARGET NUMBER: 4
 FILE DATE: 04/27/2007
 FILE TIME: 10:38

POINT#	X	Y
1:	0.877	-0.735
2:	0.331	-0.708
3:	0.637	0.120
4:	0.159	0.312
5:	-0.020	0.717
6:	-1.240	-0.541
7:	-0.618	-0.170
8:	-0.174	-0.392
9:	-0.042	-0.293
10:	0.070	-0.184

X CENTROID: -0.002
 Y CENTROID: -0.187
 POA TO CENTROID: 0.187
 HORZ SPREAD: 2.117
 VERT SPREAD: 1.452
 GROUP SPREAD: 2.126
 MIN RADIUS: 0.072
 MAX RADIUS: 1.288
 MEAN RADIUS: 0.615
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



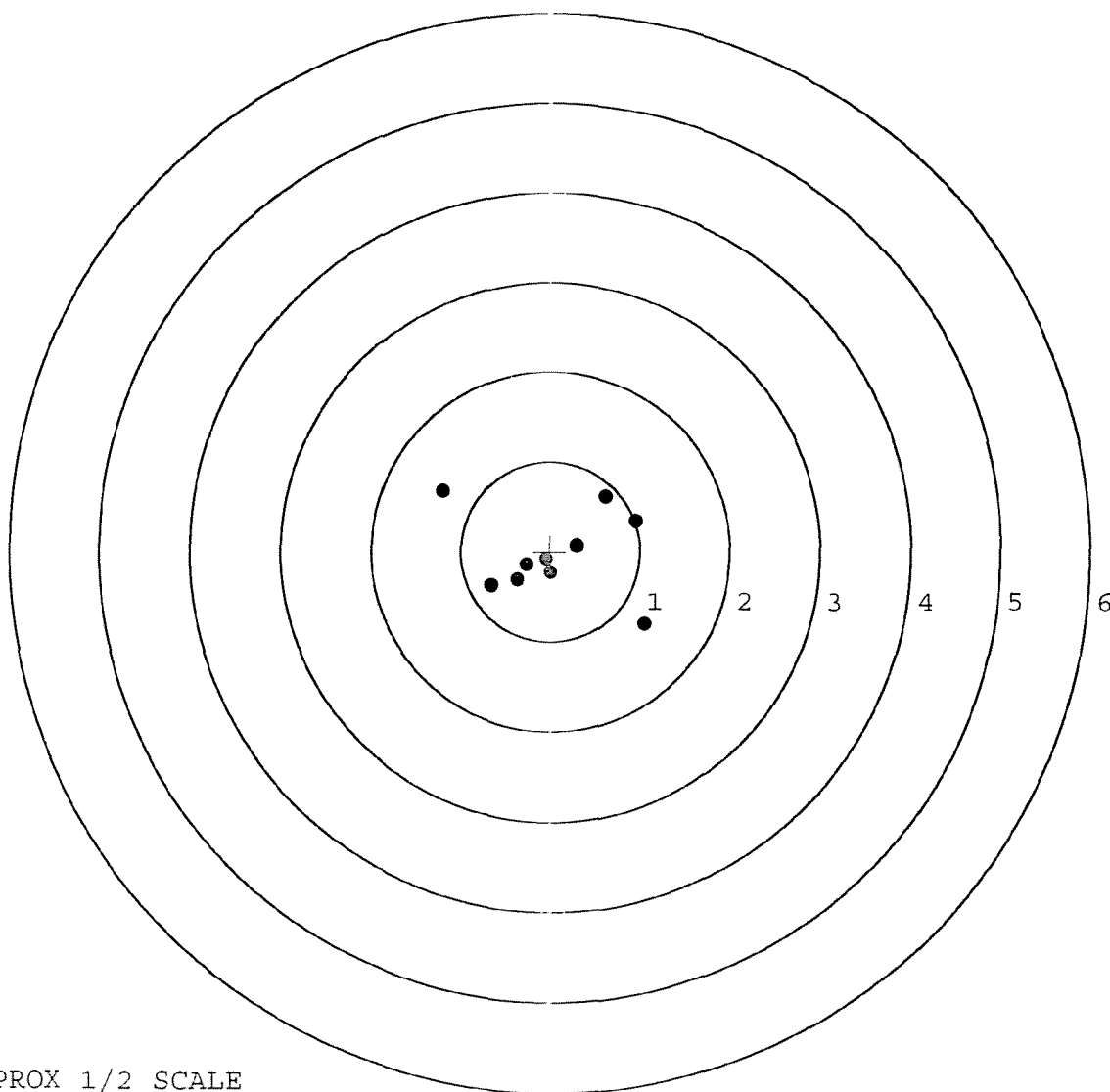
TARGET APPROX 1/2 SCALE

BARBER - M24 0145731

SERIAL NUMBER: G6637744. 0
 TARGET NUMBER: 5
 FILE DATE: 04/27/2007
 FILE TIME: 10:38

POINT#	X	Y
1:	1.051	-0.802
2:	0.951	0.340
3:	0.618	0.616
4:	-1.200	0.670
5:	0.298	0.062
6:	-0.045	-0.088
7:	0.013	-0.237
8:	-0.261	-0.152
9:	-0.362	-0.314
10:	-0.657	-0.379

X CENTROID: 0.041
 Y CENTROID: -0.028
 POA TO CENTROID: 0.050
 HORZ SPREAD: 2.251
 VERT SPREAD: 1.472
 GROUP SPREAD: 2.690
 MIN RADIUS: 0.104
 MAX RADIUS: 1.424
 MEAN RADIUS: 0.673
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE