

G 663 5231

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

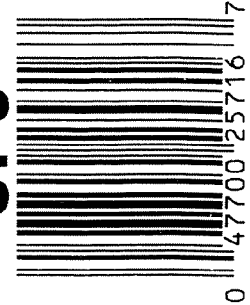
24"

CAPACITY

6

G6635231

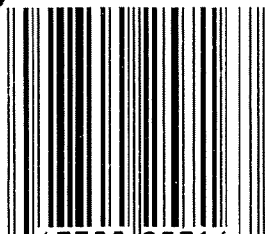
UPC



ORDER — 25716

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

UPC

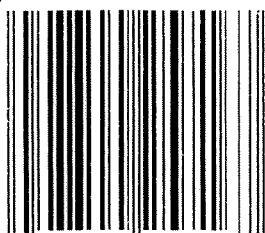


0 47700 25716 7

ORDER 25716

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

UPC



0 47700 25716 7

SERIAL NO.



66635231

GUN SERIAL # G6635231

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		1-26-07	RJZ
420	ASSEMBLE ACTION		1-26-07	RJZ
430	ASSEMBLE TO STOCK		1-29-07	FM
440	PROOF		1-29-07	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	1-29-07	TRW
470	DIS-ASSEMBLE ACTION	JAN 31 2007	1-29-07	RJZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>ARD</u>	1-31-07	ARD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		1-31-07	CW
510	DRILL AND TAP SIGHT HOLES		1-30-07	FM
520	GOFF BLAST BBL / REC		2-2-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		2-3-07	W
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3-1-07	L.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-1-07	L.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-1-07	L.P.D.
	D) OIL FIRING PIN ASSEMBLY		3-1-07	L.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

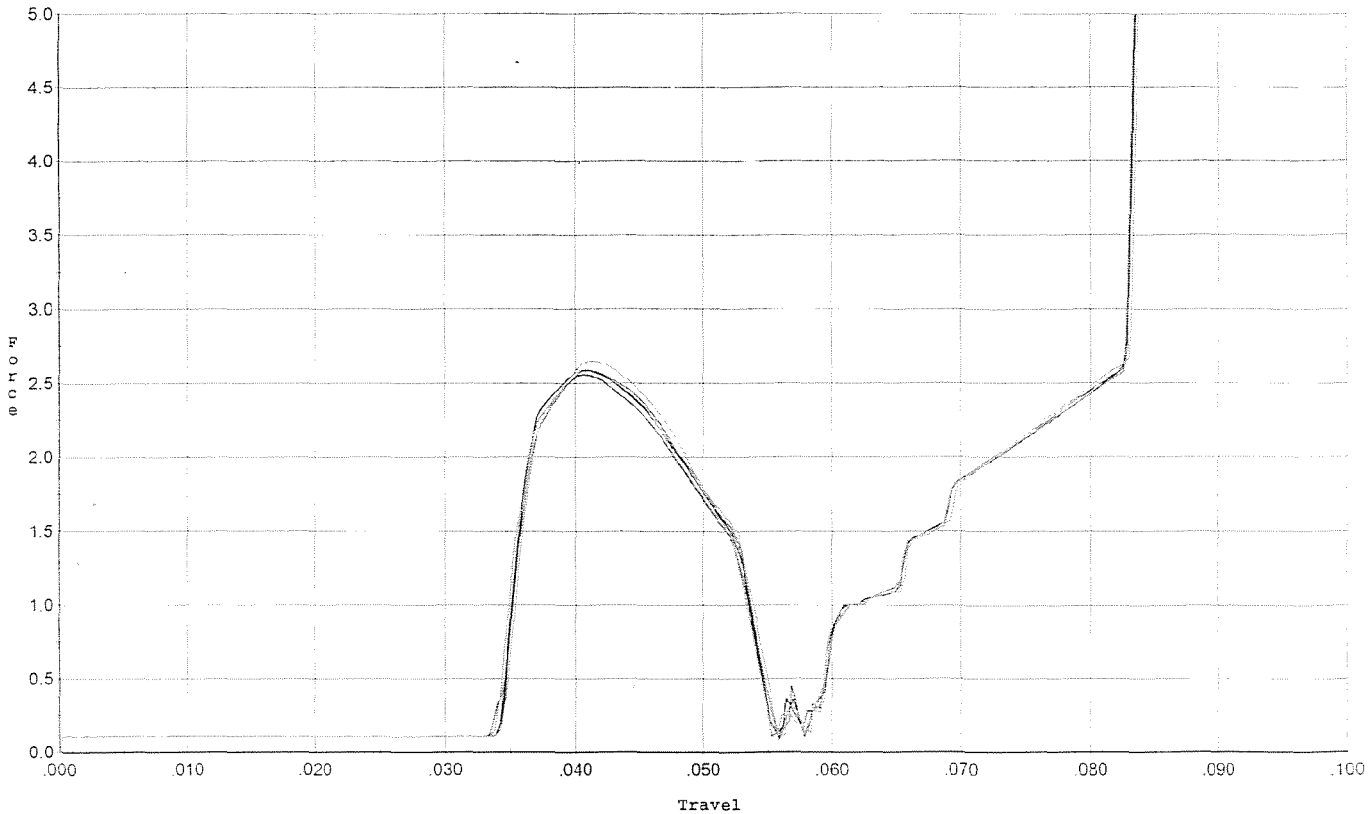
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.0</u> <u>6.25</u> <u>7.0</u>	3-8-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.75</u> <u>2.5</u>	3-8-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		3/9/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.024</u>	3-8-07	TRW
	J) ASSEMBLE STOCK		3-1-07	SPD
	K) ASSEMBLE SWIVEL STUDS		3/9/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		3/13/07	non
	M) IRON SIGHT ALIGNMENT		3/13/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		3/13/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	3-5-07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		3-5-07	SD
670	FINAL INSPECTION A) HEADSPACE		3/9/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.10</u> <u>2.15</u> <u>2.18</u> <u>2.23</u> <u>2.14</u>	3-8-07	TRW
	C) FUNCTION		3/9/07	non
690	PACK		3/27/07	RA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/26/07

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



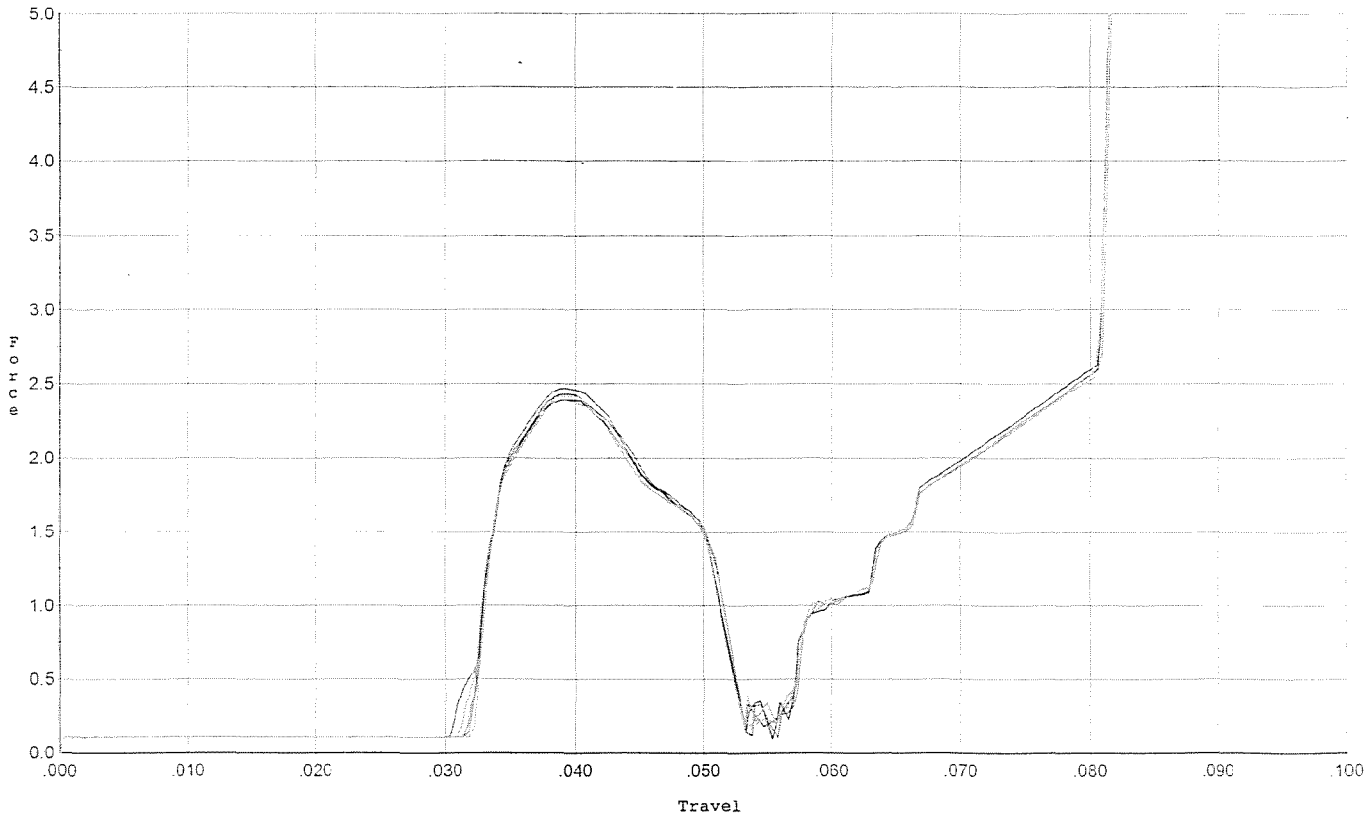
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.559	0.053	0.034	0.036	0.042		Set Trigger
2	2.589	0.053	0.034	0.036	0.042		Set Trigger
3	2.588	0.053	0.034	0.036	0.042		Set Trigger
4	2.592	0.054	0.034	0.036	0.043		Set Trigger
5	2.652	0.054	0.035	0.036	0.044		Set Trigger

Avg 2.59

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/26/07

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



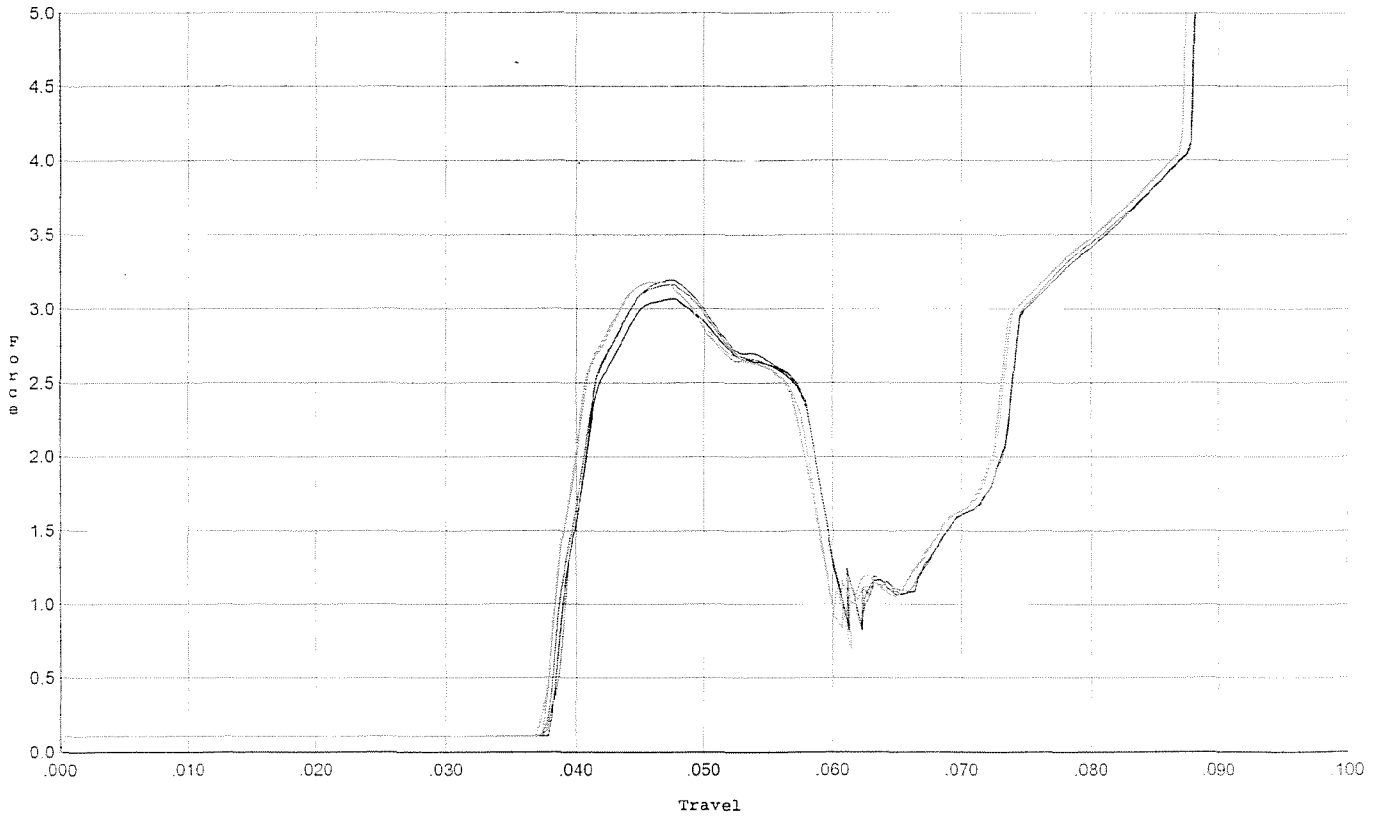
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.429	0.050	0.032	0.035	0.039		Set Trigger
2	2.393	0.050	0.031	0.035	0.039		Set Trigger
3	2.471	0.051	0.032	0.035	0.041		Set Trigger
4	2.416	0.050	0.031	0.035	0.039		Set Trigger
5	2.396	0.051	0.032	0.035	0.039		Set Trigger

Avg 2.42

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 2/26/07

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



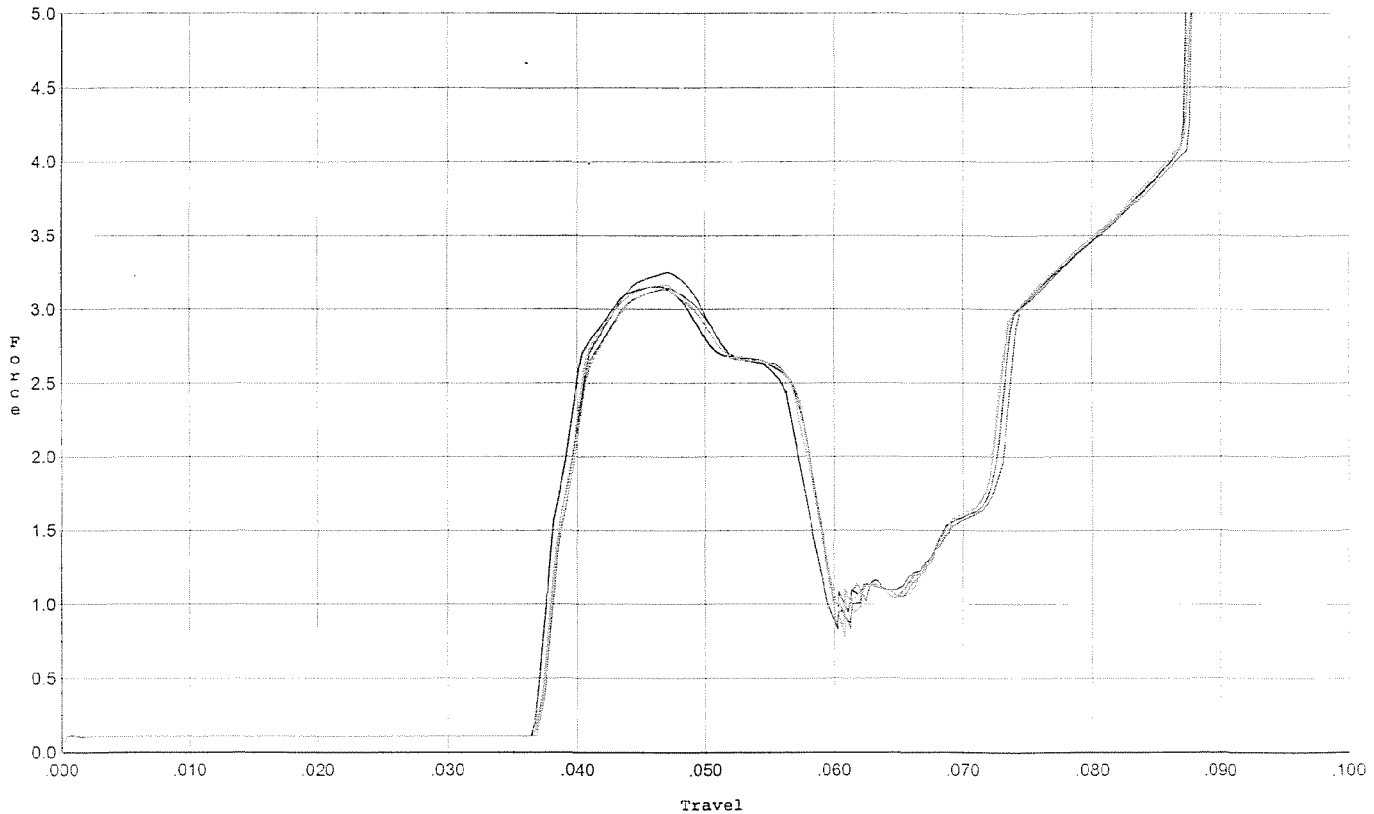
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.193	0.058	0.038	0.036	0.058		Set Trigger
2	3.067	0.058	0.038	0.036	0.056		Set Trigger
3	3.161	0.058	0.038	0.036	0.057		Set Trigger
4	3.180	0.058	0.037	0.036	0.057		Set Trigger
5	3.179	0.058	0.038	0.036	0.058		Set Trigger

AVG 3.15

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/26/07

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



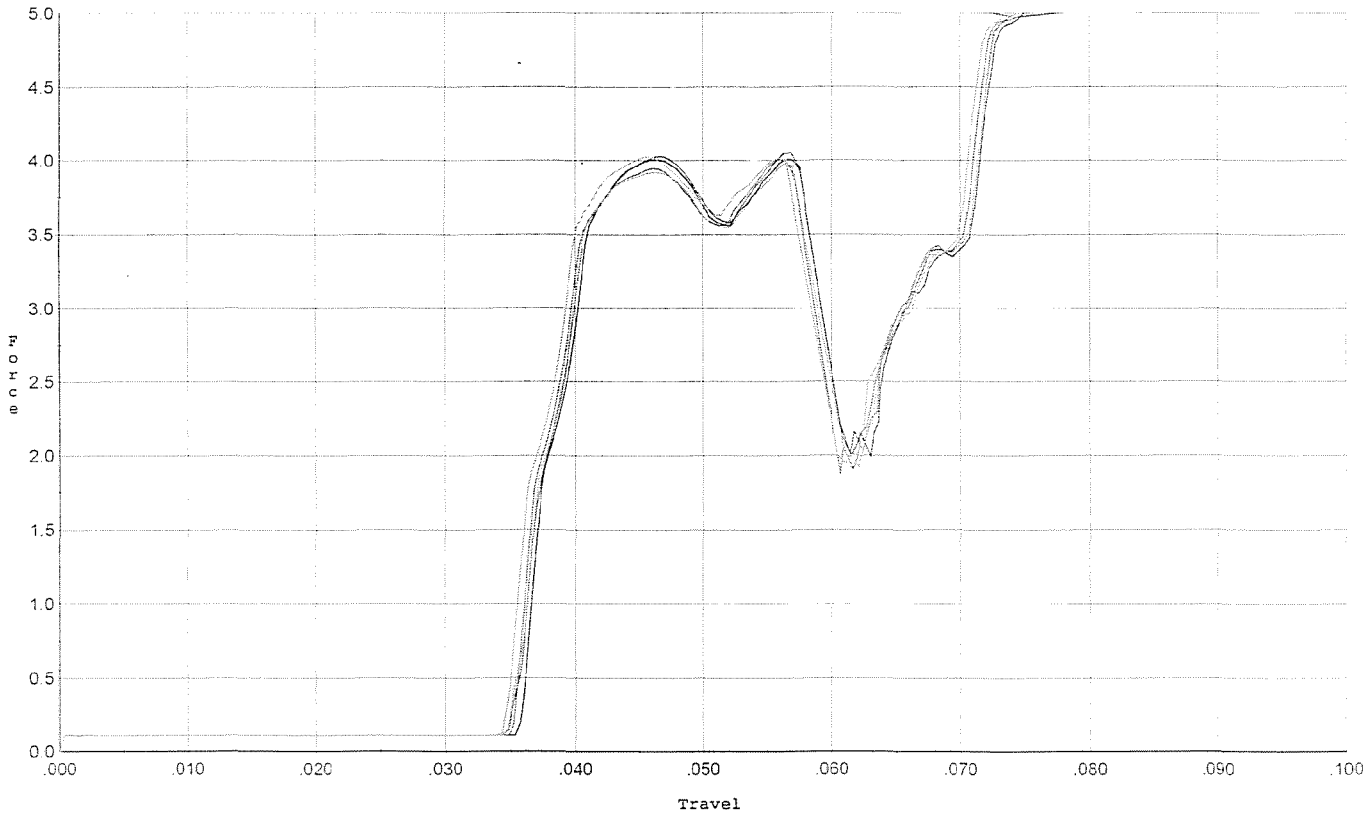
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.252	0.058	0.037	0.036	0.059		Set Trigger
2	3.153	0.056	0.037	0.037	0.057		Set Trigger
3	3.142	0.057	0.037	0.036	0.058		Set Trigger
4	3.166	0.058	0.037	0.036	0.059		Set Trigger
5	3.131	0.057	0.037	0.036	0.058		Set Trigger

Aug 3.16

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 2/26/07

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



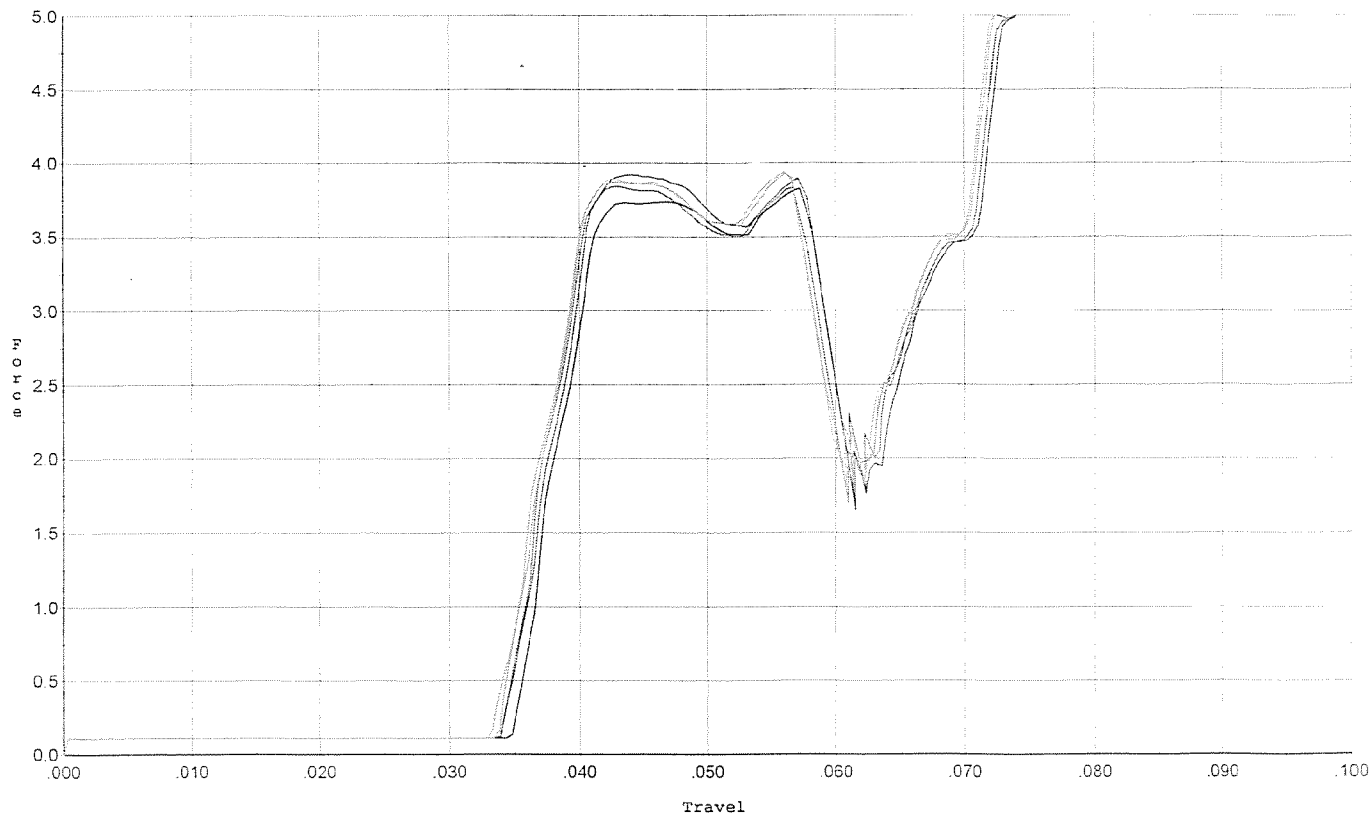
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.055	0.057	0.035	0.032	0.083		Set Trigger
2	4.007	0.058	0.036	0.032	0.082		Set Trigger
3	4.005	0.057	0.035	0.032	0.082		Set Trigger
4	3.978	0.057	0.035	0.032	0.081		Set Trigger
5	4.026	0.056	0.035	0.032	0.082		Set Trigger

Avg 4.01

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 2/26/07

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



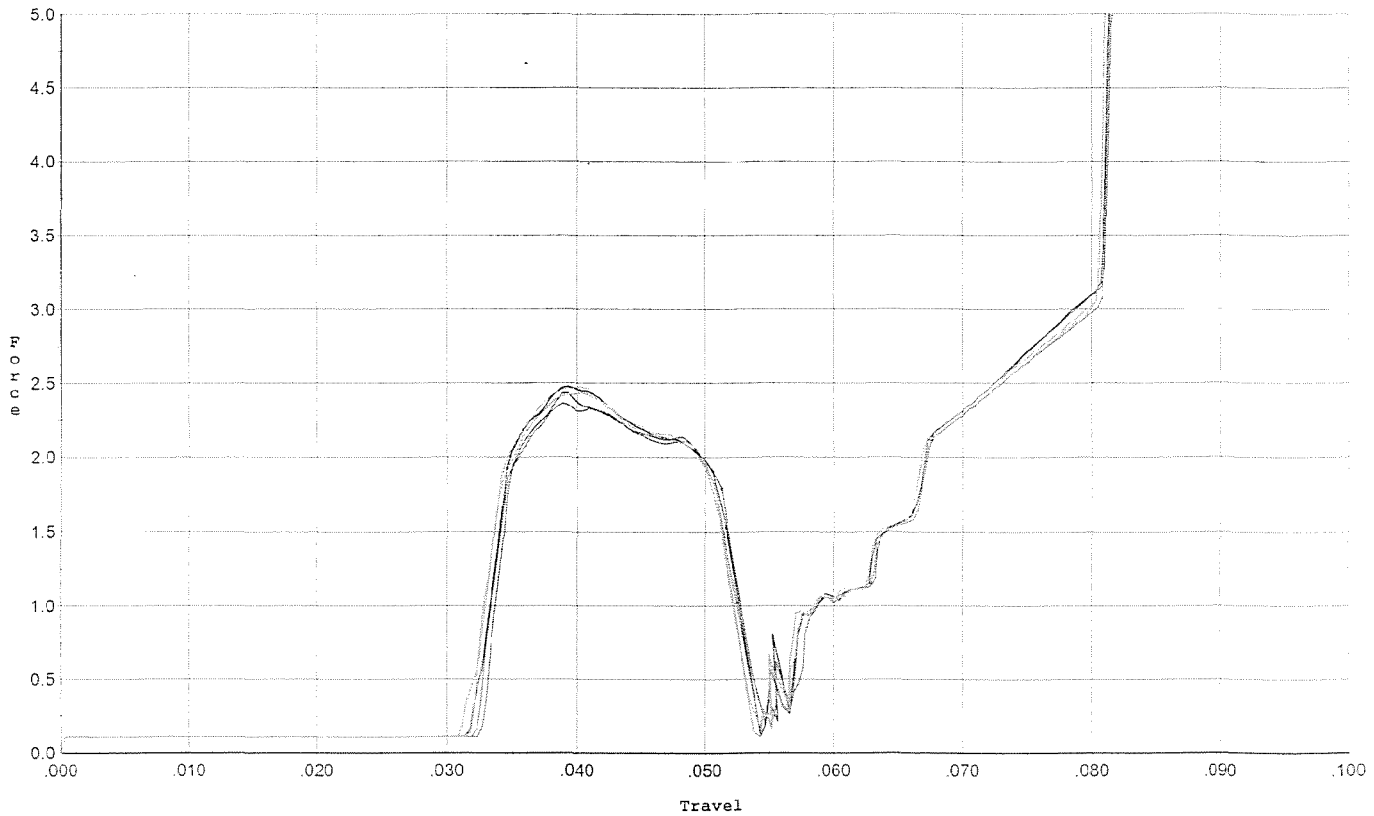
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.920	0.058	0.034	0.032	0.084		Set Trigger
2	3.828	0.058	0.035	0.032	0.081		Set Trigger
3	3.845	0.058	0.034	0.032	0.082		Set Trigger
4	3.939	0.057	0.034	0.032	0.082		Set Trigger
5	3.928	0.057	0.034	0.032	0.081		Set Trigger

Avg 3.89

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 2/26/07

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



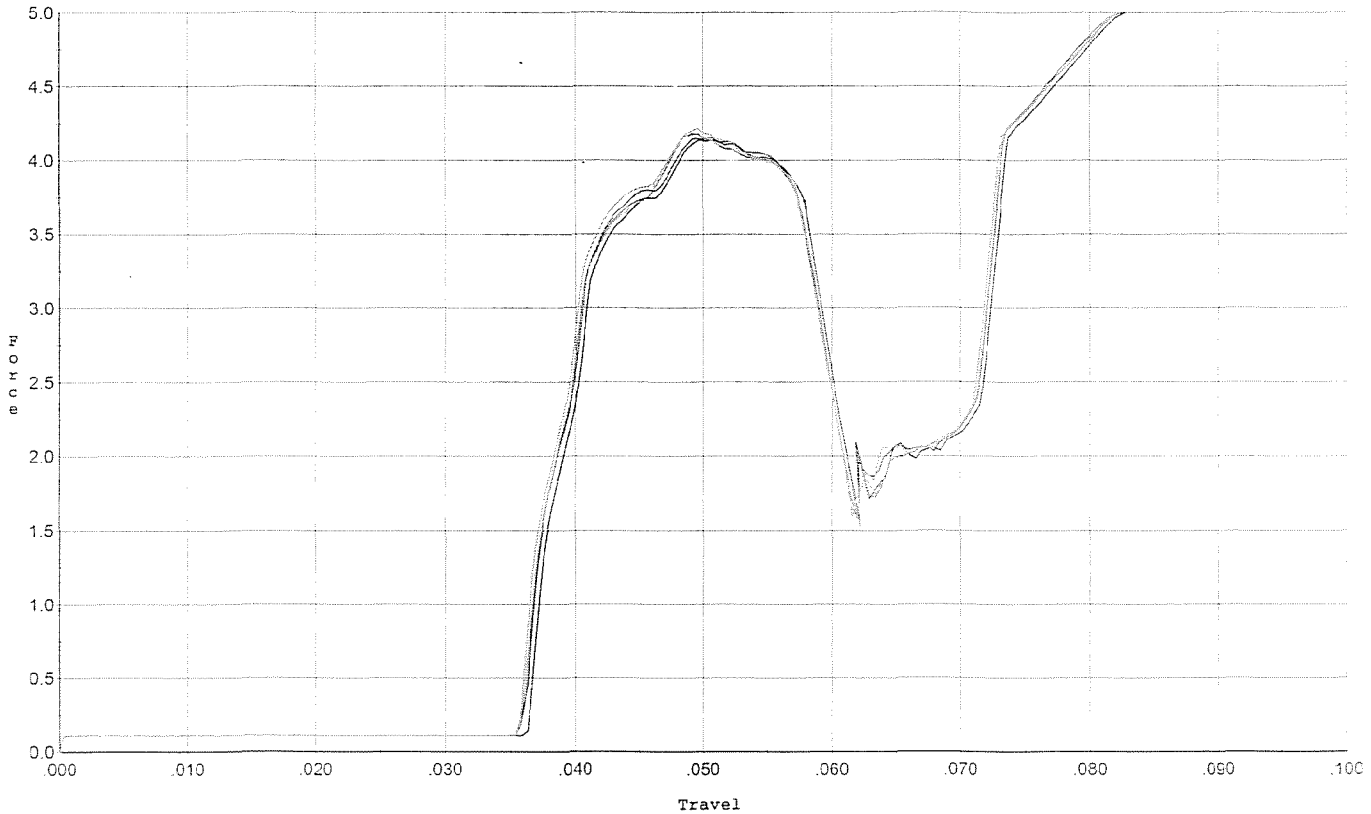
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.433	0.051	0.033	0.035	0.042		Set Trigger
2	2.481	0.052	0.032	0.034	0.044		Set Trigger
3	2.364	0.052	0.033	0.034	0.043		Set Trigger
4	2.474	0.051	0.032	0.034	0.044		Set Trigger
5	2.436	0.051	0.031	0.034	0.043		Set Trigger

Avg 2.43

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 2/26/07

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	4.154	0.059	0.036	0.032	0.084		Set Trigger
2	4.138	0.058	0.036	0.033	0.081		Set Trigger
3	4.178	0.059	0.036	0.032	0.084		Set Trigger
4	4.187	0.057	0.036	0.033	0.082		Set Trigger
5	4.214	0.058	0.036	0.032	0.084		Set Trigger

AVG 4.17

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635231.___0
FILE DATE AND TIME: 03/07/2007 14:15

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

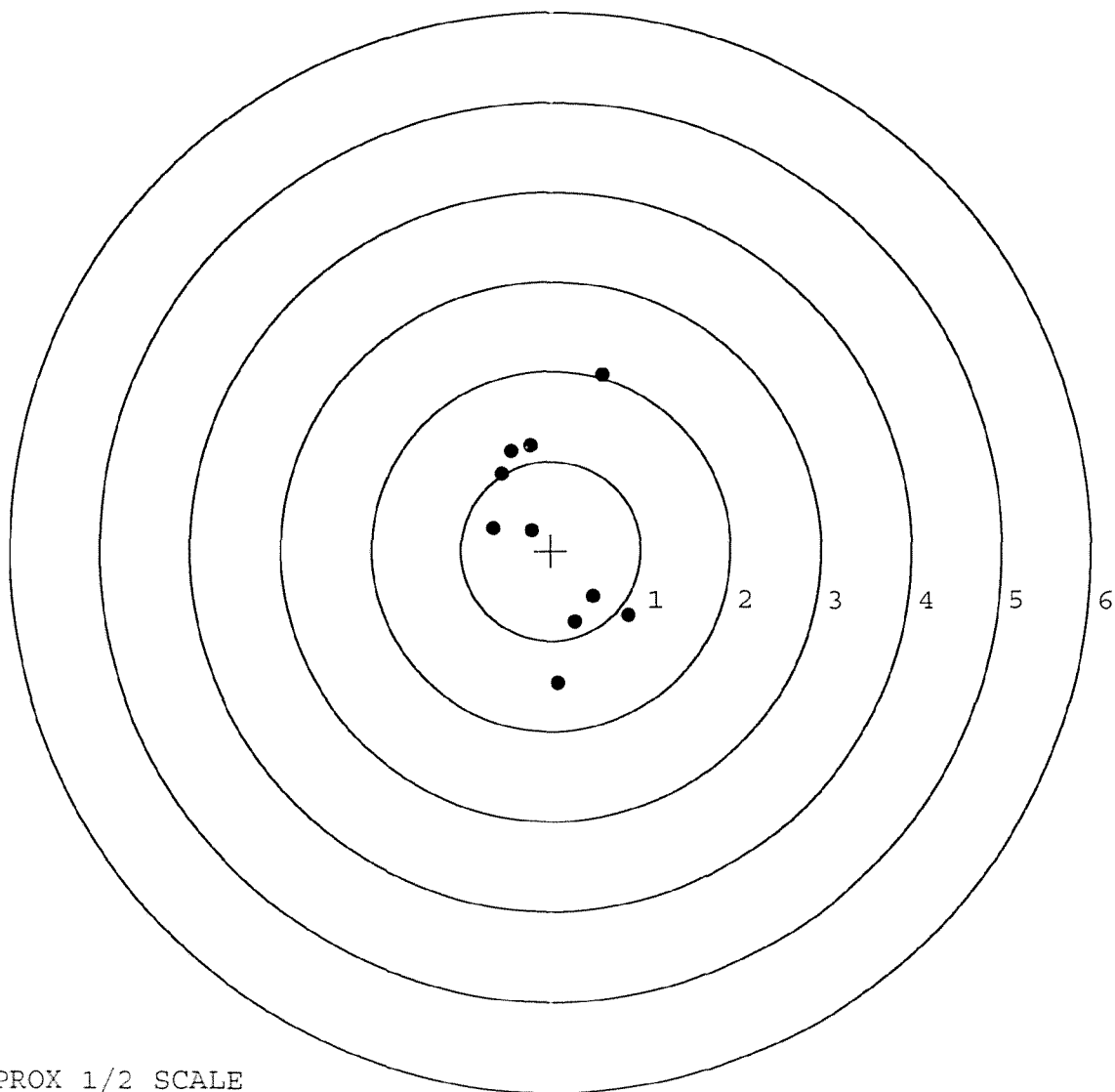
The Average X Centroid of the Five Target Set:	-0.081
The Average Y Centroid of the Five Target Set:	0.060
The Average Point of Impact of the Five Target Set:	0.101
The Average Mean Radius of the Five Target Set:	0.872
The Distance from POA to Centroid Target #1:	0.206
The Distance from Centroid Target #2 to Centroid Target #1:	0.189
The Distance from Centroid Target #3 to Centroid Target #1:	0.246
The Distance from Centroid Target #4 to Centroid Target #1:	0.463
The Distance from Centroid Target #5 to Centroid Target #1:	0.092

BARBER - M24 0144046

SERIAL NUMBER: G6635231. __0
 TARGET NUMBER: 1
 FILE DATE: 03/07/2007
 FILE TIME: 14:15

POINT#	X	Y
1:	0.079	-1.475
2:	0.862	-0.733
3:	0.467	-0.516
4:	0.268	-0.799
5:	-0.220	0.222
6:	-0.641	0.253
7:	-0.553	0.858
8:	-0.445	1.113
9:	-0.229	1.167
10:	0.573	1.960

X CENTROID: 0.016
 Y CENTROID: 0.205
 POA TO CENTROID: 0.206
 HORZ SPREAD: 1.503
 VERT SPREAD: 3.435
 GROUP SPREAD: 3.470
 MIN RADIUS: 0.237
 MAX RADIUS: 1.841
 MEAN RADIUS: 1.044
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8



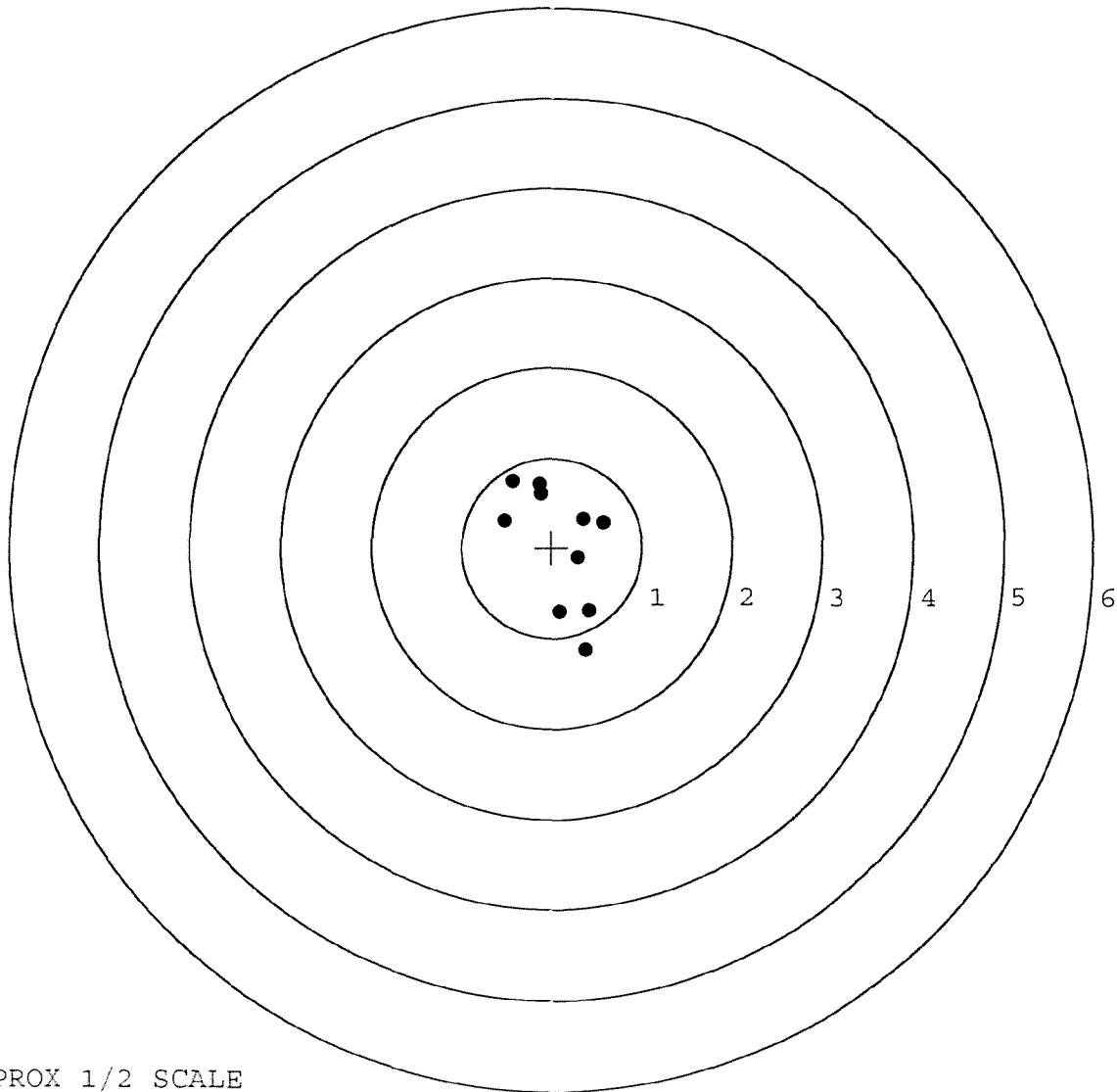
TARGET APPROX 1/2 SCALE

BARBER - M24 0144047

SERIAL NUMBER: G6635231. 0
 TARGET NUMBER: 2
 FILE DATE: 03/07/2007
 FILE TIME: 14:15

POINT#	X	Y
1:	0.377	-1.140
2:	0.417	-0.701
3:	0.087	-0.717
4:	0.295	-0.107
5:	0.573	0.286
6:	0.348	0.322
7:	-0.122	0.601
8:	-0.136	0.707
9:	-0.436	0.744
10:	-0.528	0.300

X CENTROID: 0.087
 Y CENTROID: 0.030
 POA TO CENTROID: 0.092
 HORZ SPREAD: 1.101
 VERT SPREAD: 1.884
 GROUP SPREAD: 2.052
 MIN RADIUS: 0.248
 MAX RADIUS: 1.205
 MEAN RADIUS: 0.682
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0144048

SERIAL NUMBER: G6635231. __0

TARGET NUMBER: 3

FILE DATE: 03/07/2007

FILE TIME: 14:15

POINT#	X	Y
1:	0.789	-0.082
2:	0.378	-0.448
3:	-0.069	-0.174
4:	0.079	0.045
5:	-0.311	0.144
6:	-0.224	0.325
7:	-0.561	-0.785
8:	-0.709	-0.294
9:	-1.147	0.316
10:	-0.197	1.770

X CENTROID: -0.197

Y CENTROID: 0.082

POA TO CENTROID: 0.213

HORZ SPREAD: 1.936

VERT SPREAD: 2.555

GROUP SPREAD: 2.581

MIN RADIUS: 0.130

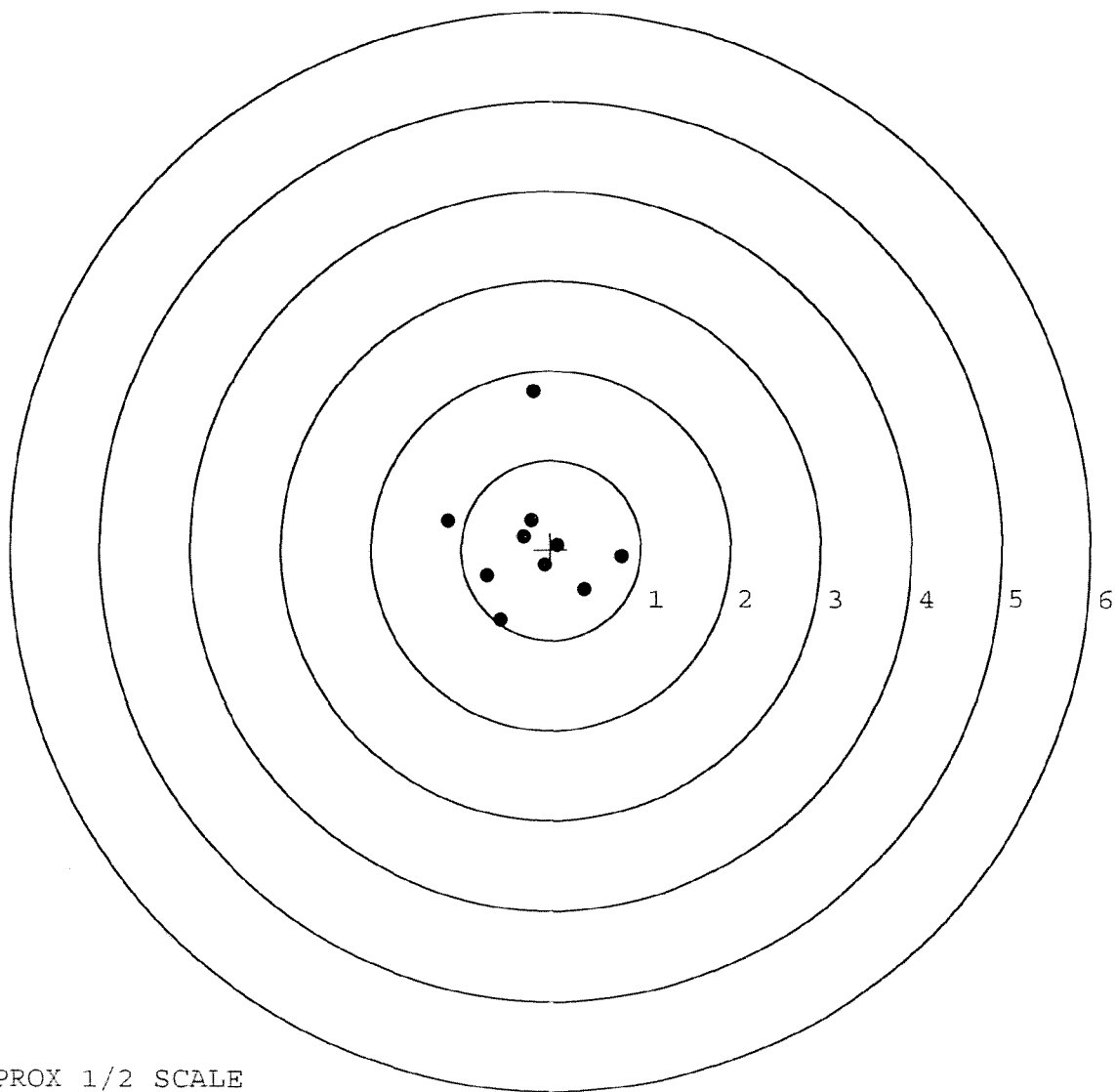
MAX RADIUS: 1.688

MEAN RADIUS: 0.696

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



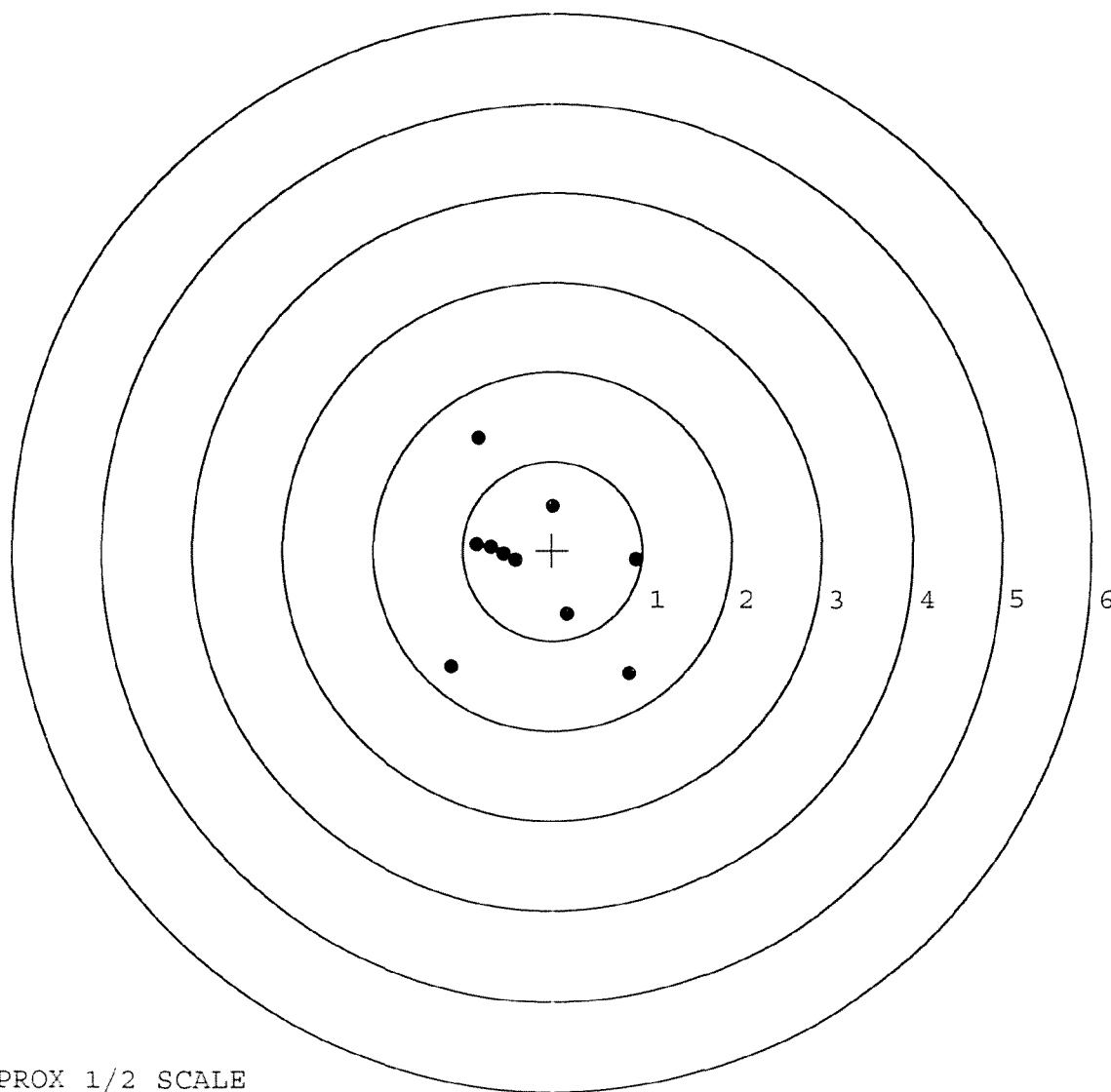
TARGET APPROX 1/2 SCALE

BARBER - M24 0144049

SERIAL NUMBER: G6635231. __0
 TARGET NUMBER: 4
 FILE DATE: 03/07/2007
 FILE TIME: 14:15

POINT#	X	Y
1:	0.853	-1.368
2:	-1.128	-1.290
3:	0.161	-0.715
4:	0.928	-0.110
5:	0.003	0.494
6:	-0.826	1.265
7:	-0.846	0.073
8:	-0.684	0.046
9:	-0.542	-0.037
10:	-0.408	-0.110

X CENTROID: -0.249
 Y CENTROID: -0.175
 POA TO CENTROID: 0.304
 HORZ SPREAD: 2.056
 VERT SPREAD: 2.633
 GROUP SPREAD: 3.123
 MIN RADIUS: 0.172
 MAX RADIUS: 1.624
 MEAN RADIUS: 0.880
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8



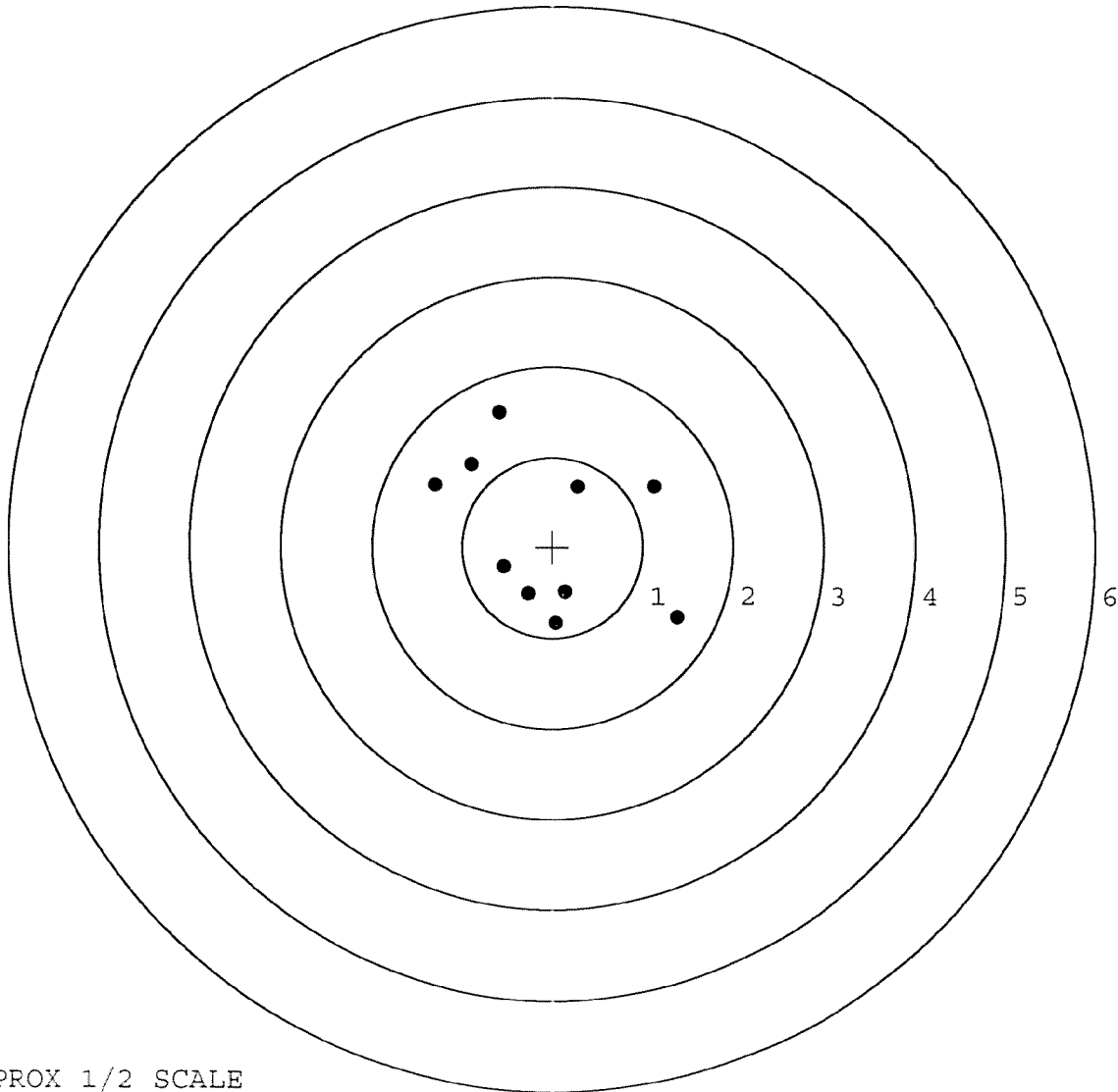
TARGET APPROX 1/2 SCALE

BARBER - M24 0144050

SERIAL NUMBER: G6635231. __0
 TARGET NUMBER: 5
 FILE DATE: 03/07/2007
 FILE TIME: 14:15

POINT#	X	Y
1:	1.376	-0.784
2:	1.123	0.672
3:	0.283	0.672
4:	0.144	-0.502
5:	0.040	-0.844
6:	-0.267	-0.521
7:	-0.540	-0.223
8:	-1.305	0.691
9:	-0.897	0.923
10:	-0.593	1.497

X CENTROID: -0.064
 Y CENTROID: 0.158
 POA TO CENTROID: 0.170
 HORZ SPREAD: 2.681
 VERT SPREAD: 2.341
 GROUP SPREAD: 3.060
 MIN RADIUS: 0.610
 MAX RADIUS: 1.720
 MEAN RADIUS: 1.057
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE