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

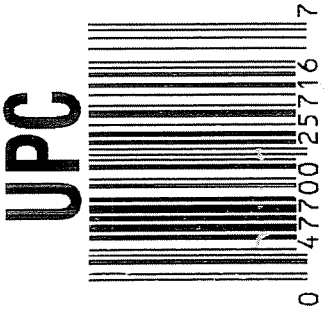
– INSTUCTION BOOK 3518

DD FORM

ORDER NO. 25716

BARREL LENGTH	24"
CAPACITY	6

G6635130



ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYS

UPC

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYS

UPC

M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G663530

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-20-06	RTZ
420	ASSEMBLE ACTION		12-27-06	RTZ
430	ASSEMBLE TO STOCK			
440	PROOF	MAGNA-FLUX INSPECTED JAN 04 2007	12/27/06	mon
460	CHECK HEADSPACE		12/27/06	mon
470	DIS-ASSEMBLE ACTION		12-28-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR APD	1-4-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		1-3-07	CW
510	DRILL AND TAP SIGHT HOLES		1-3-07	DRW
520	GOFF BLAST BBL / REC		1-5-07	CB
530 & 540	APPLY COATINGS (BARREL ACTION) (BOLT)		1/11/07	
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		1-11-07	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-11-07	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-11-07	RTZ
	D) OIL FIRING PIN ASSEMBLY		1-11-07	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		2/5/07	mon

F004 REV 5/2006

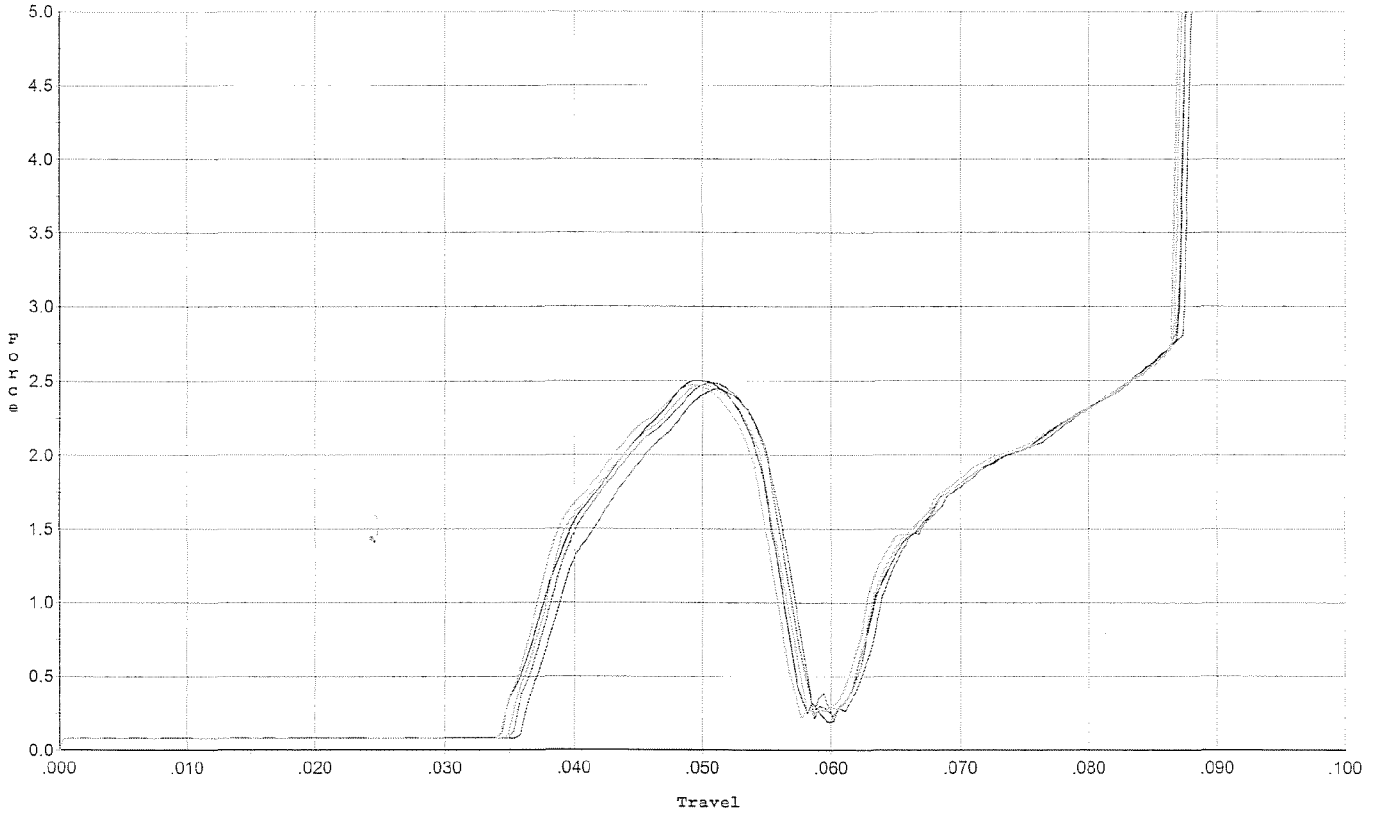
BARBER - M24 0142232

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE (2 LBS MIN / 10 LBS MAX)	6.0 5.5 6.0	1/17/06	MOM
CONT.	G) SAFETY OFF FORCE (2 LBS MIN)	3.0 3.0 3.0	1/17/06	MOM
	H) TRIGGER PULL TEST AND RETAINABILITY		2/5/07	MOM
	I) FIRING PIN INDENT (.020 MIN)	.025 .025 .025	1/17/07	MOM
	J) ASSEMBLE STOCK		1-11-07	RR
	K) ASSEMBLE SWIVEL STUDS		2/5/07	MOM
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		2/5/07	MOM
	M) IRON SIGHT ALIGNMENT		2/5/07	MOM
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		2/5/07	MOM
640 &	FUNCTION TEST AND	(PASS) FAIL		
650	TARGET	(PASS) FAIL	1/11/07	MOM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1-11-07	SD
670	FINAL INSPECTION A) HEADSPACE		2/5/07	MOM
	B) TRIGGER PULL (+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS)	2.36 2.33 2.40 2.44 2.35	1.17.07	MOM
	C) FUNCTION		2/5/07	MOM
690	PACK		2-2-07	DA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs. ini. +/- .50 lbs.
Note:	R. Putch 1/11/07		



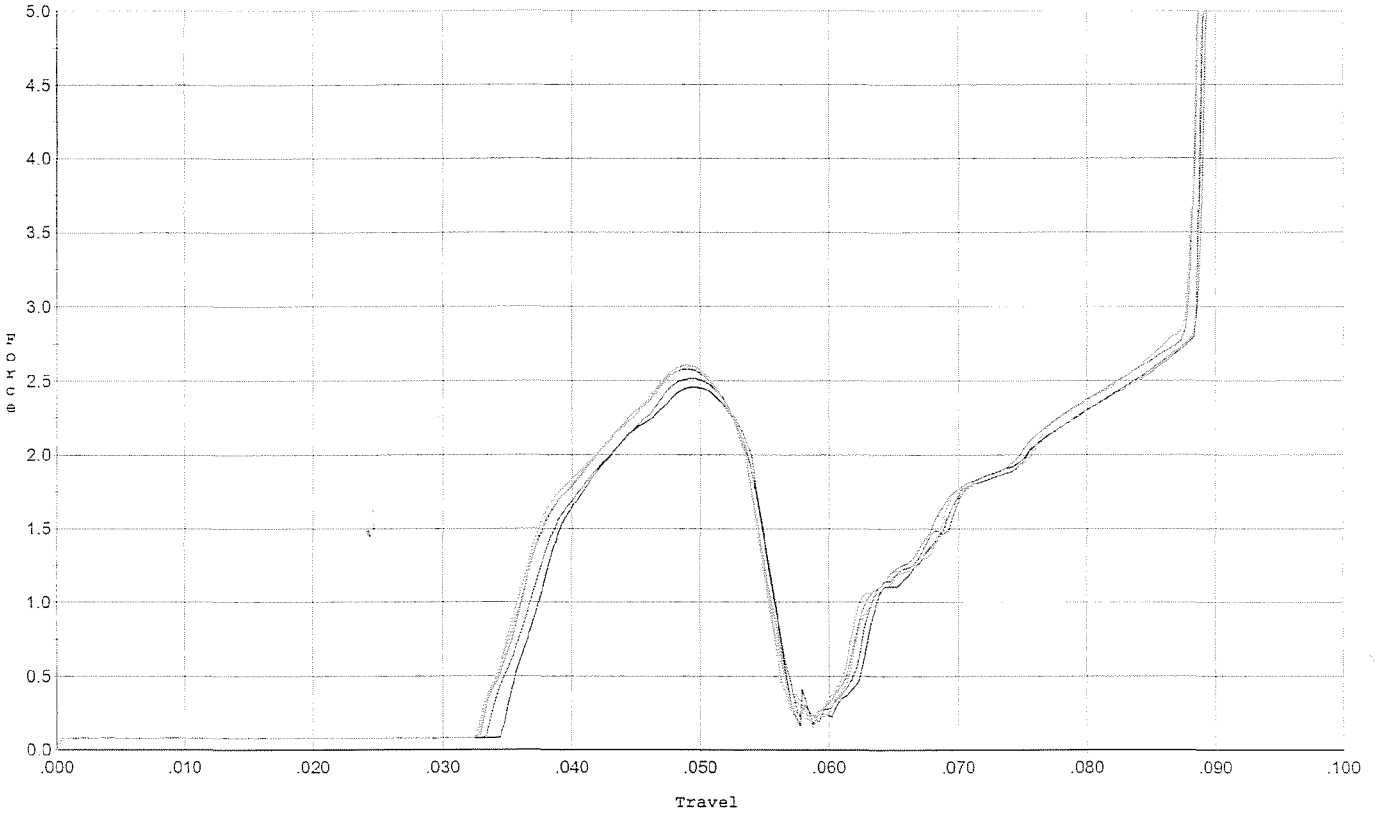
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.447	0.056	0.036	0.038	0.039		Set Trigger
2	2.502	0.055	0.035	0.038	0.040		Set Trigger
3	2.488	0.055	0.035	0.038	0.040		Set Trigger
4	2.471	0.054	0.035	0.038	0.040		Set Trigger
5	2.474	0.054	0.035	0.038	0.040		Set Trigger

AVG 2.47

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/11/2007 6:06:57 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs. after 50 cycles +/- .50 lbs.
Note:	R. Putch 1/11/07		

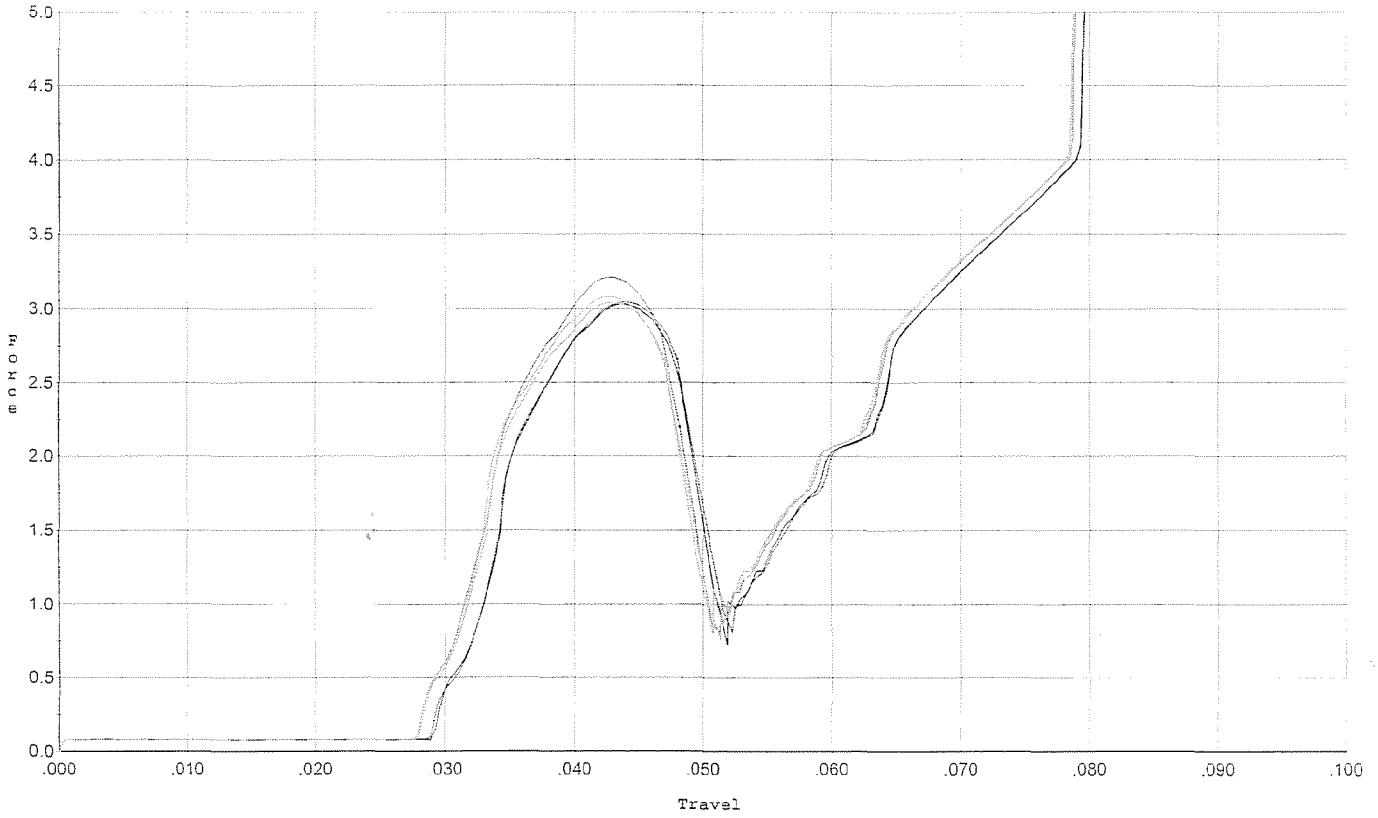


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.515	0.054	0.034	0.040	0.041		Set Trigger
2	2.458	0.054	0.035	0.039	0.040		Set Trigger
3	2.580	0.053	0.033	0.039	0.042		Set Trigger
4	2.596	0.053	0.033	0.039	0.043		Set Trigger
5	2.609	0.053	0.033	0.039	0.043		Set Trigger

Avg 2.55

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs. ini. +/- .75 lbs.
Note:	R. Putch 1/11/07		



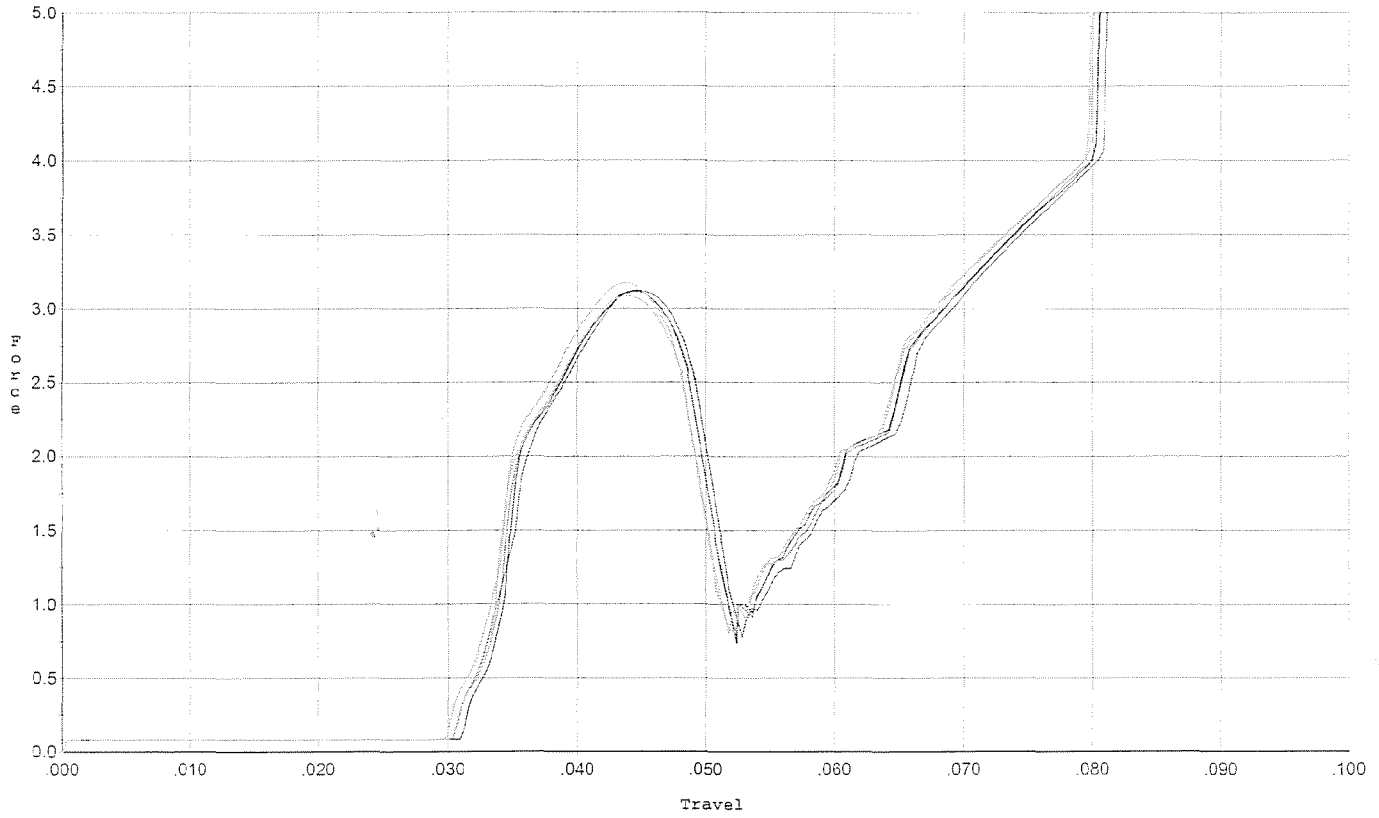
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.045	0.048	0.029	0.034	0.045		Set Trigger
2	3.031	0.048	0.029	0.034	0.045		Set Trigger
3	3.209	0.048	0.028	0.034	0.049		Set Trigger
4	3.042	0.047	0.028	0.034	0.045		Set Trigger
5	3.080	0.047	0.028	0.034	0.046		Set Trigger

Avg 3.08

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/11/2007 6:16:22 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs. after 20 cycles +/- .75 lbs.
Note:	R. Putch 1/11/07		

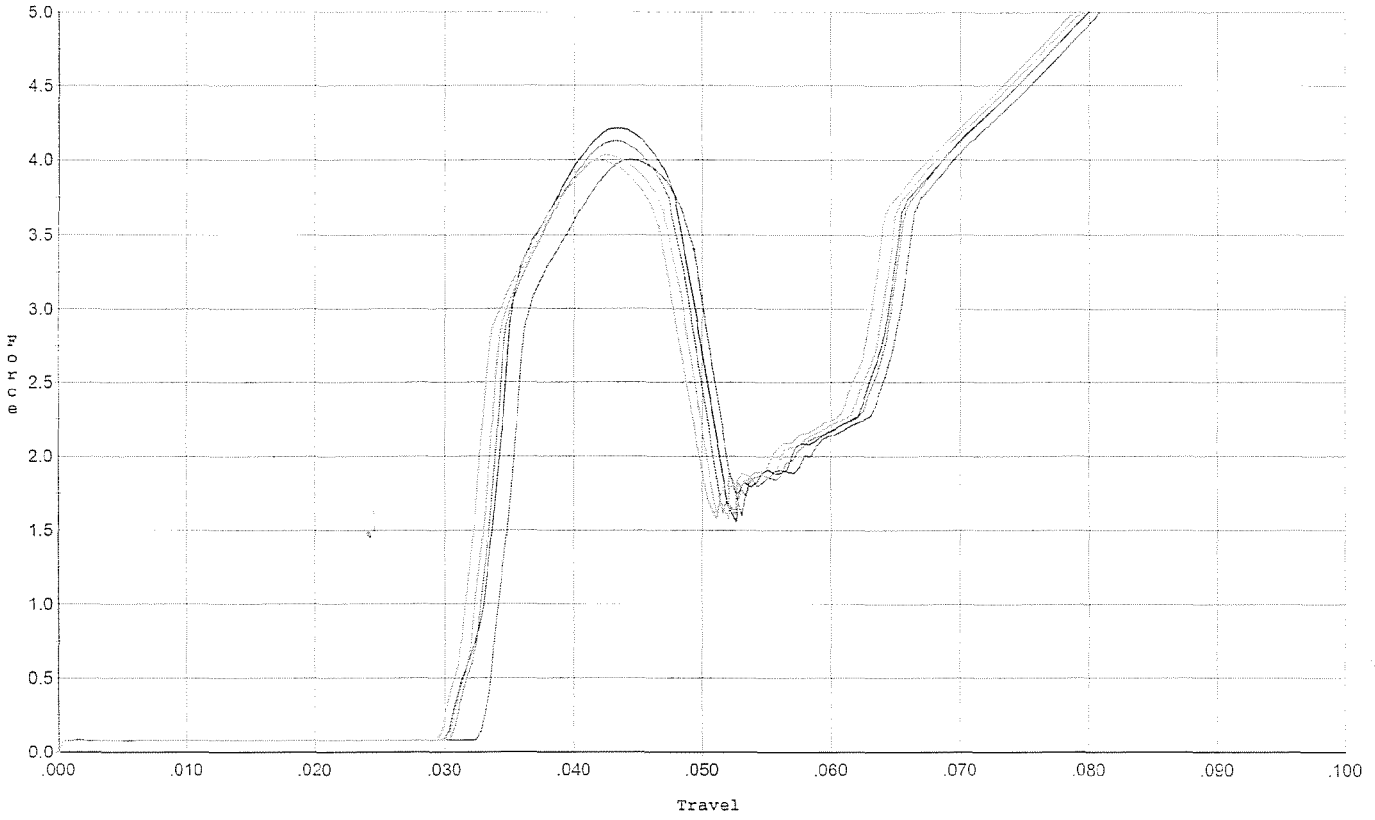


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.126	0.049	0.031	0.035	0.046		Set Trigger
2	3.118	0.049	0.031	0.035	0.044		Set Trigger
3	3.115	0.049	0.031	0.035	0.045		Set Trigger
4	3.087	0.048	0.031	0.035	0.044		Set Trigger
5	3.177	0.048	0.030	0.035	0.046		Set Trigger

Avg 3.12

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs. ini. +/- 1.0 lbs.
Note:	R. Putch 1/11/07		



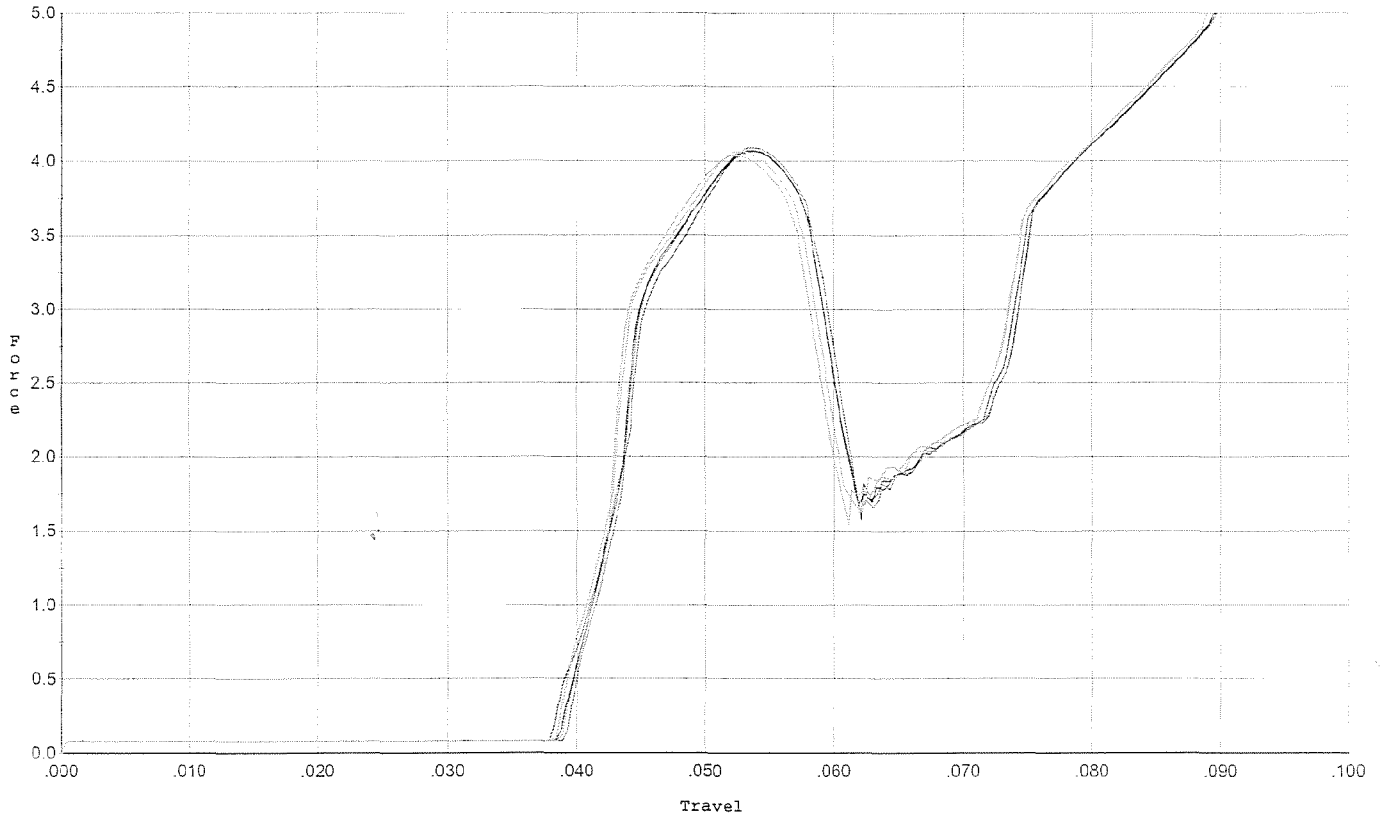
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.001	0.049	0.033	0.034	0.059		Set Trigger
2	4.211	0.050	0.031	0.033	0.065		Set Trigger
3	4.124	0.049	0.031	0.034	0.062		Set Trigger
4	4.031	0.048	0.031	0.033	0.061		Set Trigger
5	3.997	0.047	0.030	0.033	0.059		Set Trigger

Avg 4.07

Trigger Scan 2.01 .SN 10337, printed by Remingyton Arms Co., Inc.. 1/11/2007 6:25:01 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs. after 20 cycles +/- 1.0 lbs.
Note:	R. Putch 1/11/07		



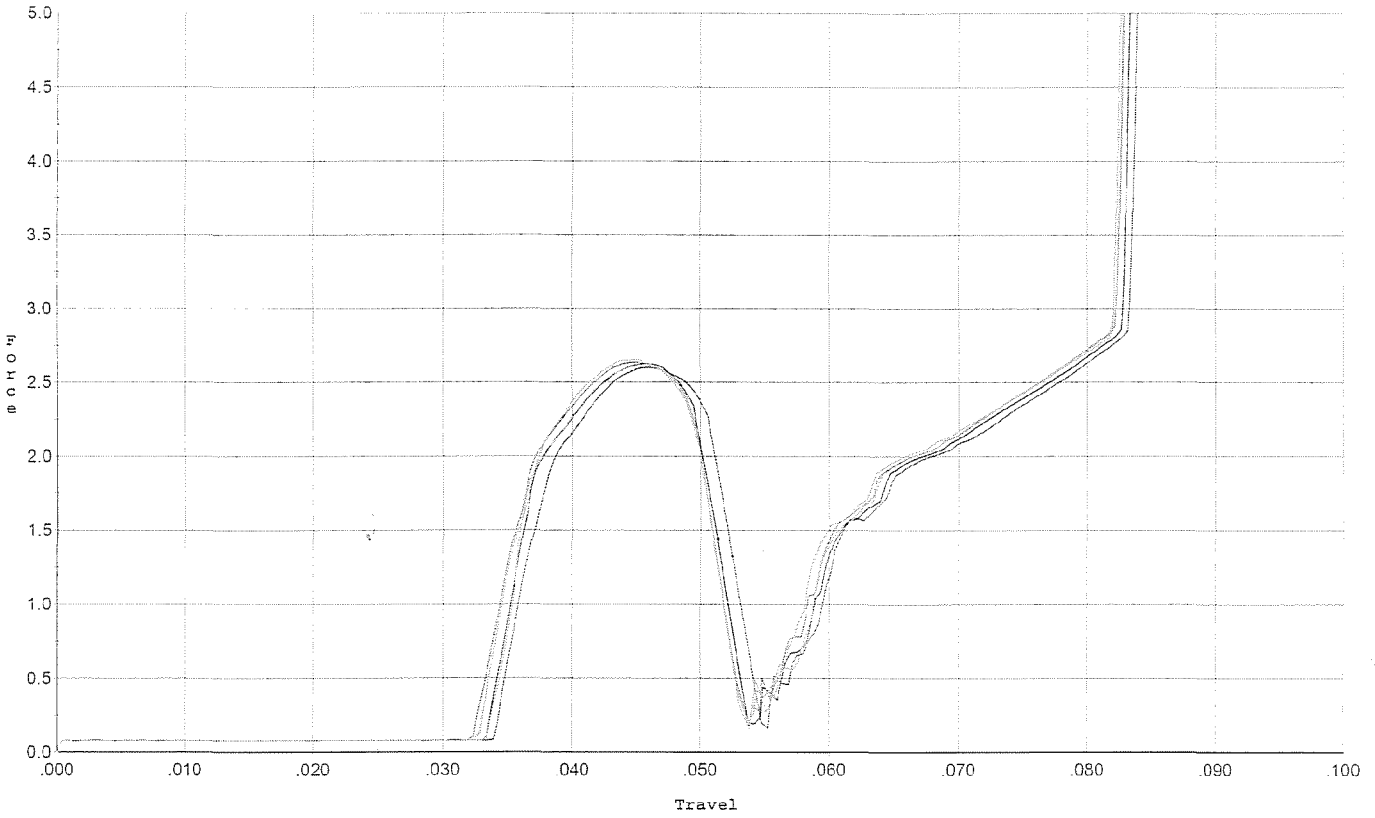
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.065	0.058	0.038	0.036	0.065		Set Trigger
2	4.069	0.058	0.039	0.035	0.065		Set Trigger
3	4.091	0.059	0.039	0.035	0.067		Set Trigger
4	4.067	0.058	0.039	0.035	0.065		Set Trigger
5	4.038	0.057	0.039	0.036	0.063		Set Trigger

Aug 4.06

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/11/2007 6:28:58 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	reset to 2.5 lbs. +/- .50 lbs. for final test
Note:	R. Putch 1/11/07		



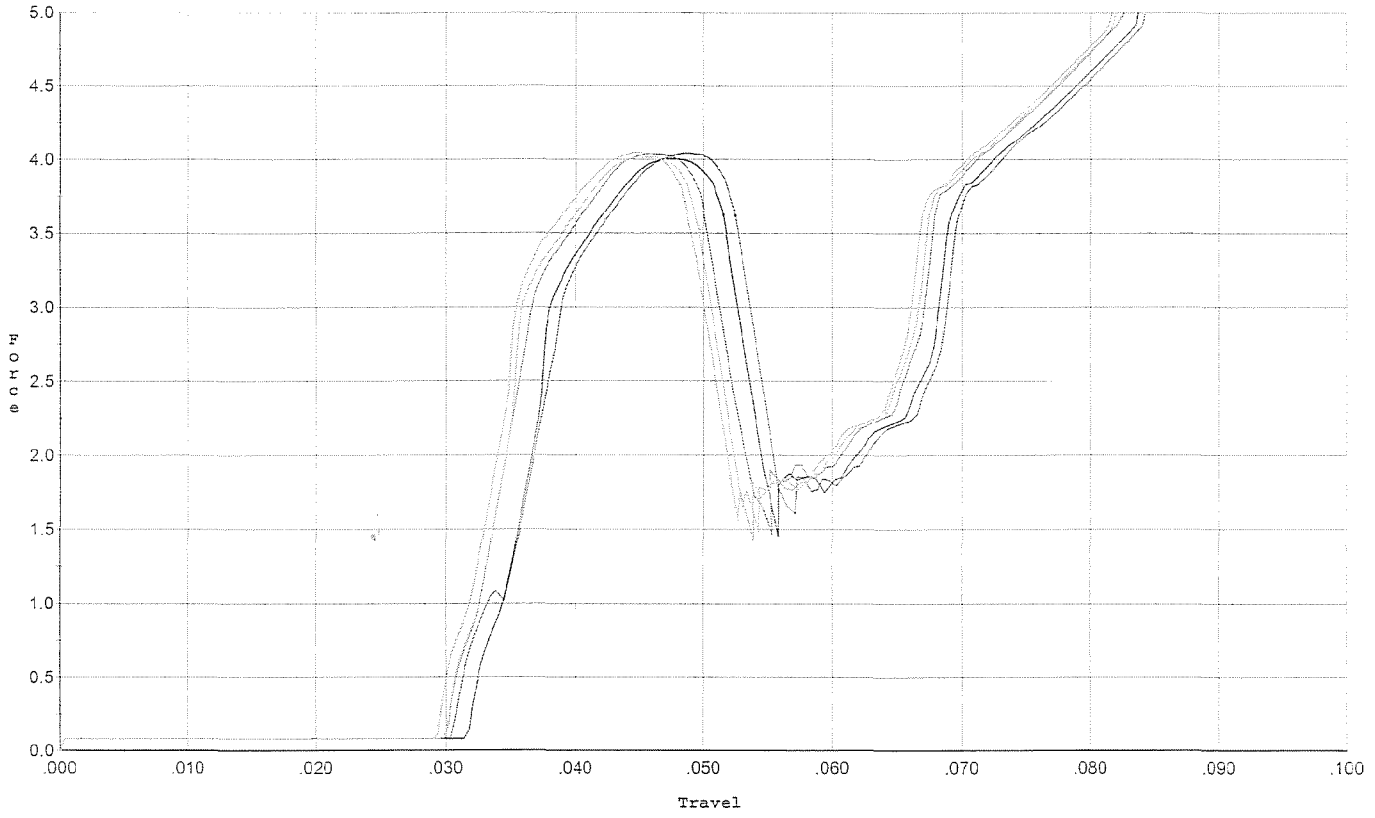
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.597	0.052	0.034	0.037	0.041		Set Trigger
2	2.626	0.051	0.034	0.037	0.040		Set Trigger
3	2.635	0.050	0.033	0.037	0.040		Set Trigger
4	2.617	0.050	0.034	0.037	0.038		Set Trigger
5	2.654	0.050	0.033	0.036	0.040		Set Trigger

Avg 2.62

Trigger Scan 2.01 ,SN 10337, printed by Pemingyton Arms Co., Inc.. 1/11/2007 7:10:22 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy
Note:	R. Putch 1/11/07		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.042	0.052	0.031	0.034	0.069		Set Trigger
2	4.007	0.051	0.032	0.035	0.065		Set Trigger
3	4.039	0.050	0.030	0.034	0.066		Set Trigger
4	4.016	0.050	0.030	0.034	0.065		Set Trigger
5	4.045	0.049	0.030	0.034	0.066		Set Trigger

AVG 4.03

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/11/2007 7:13:35 AM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635130.__0
FILE DATE AND TIME: 01/12/2007 13:28

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

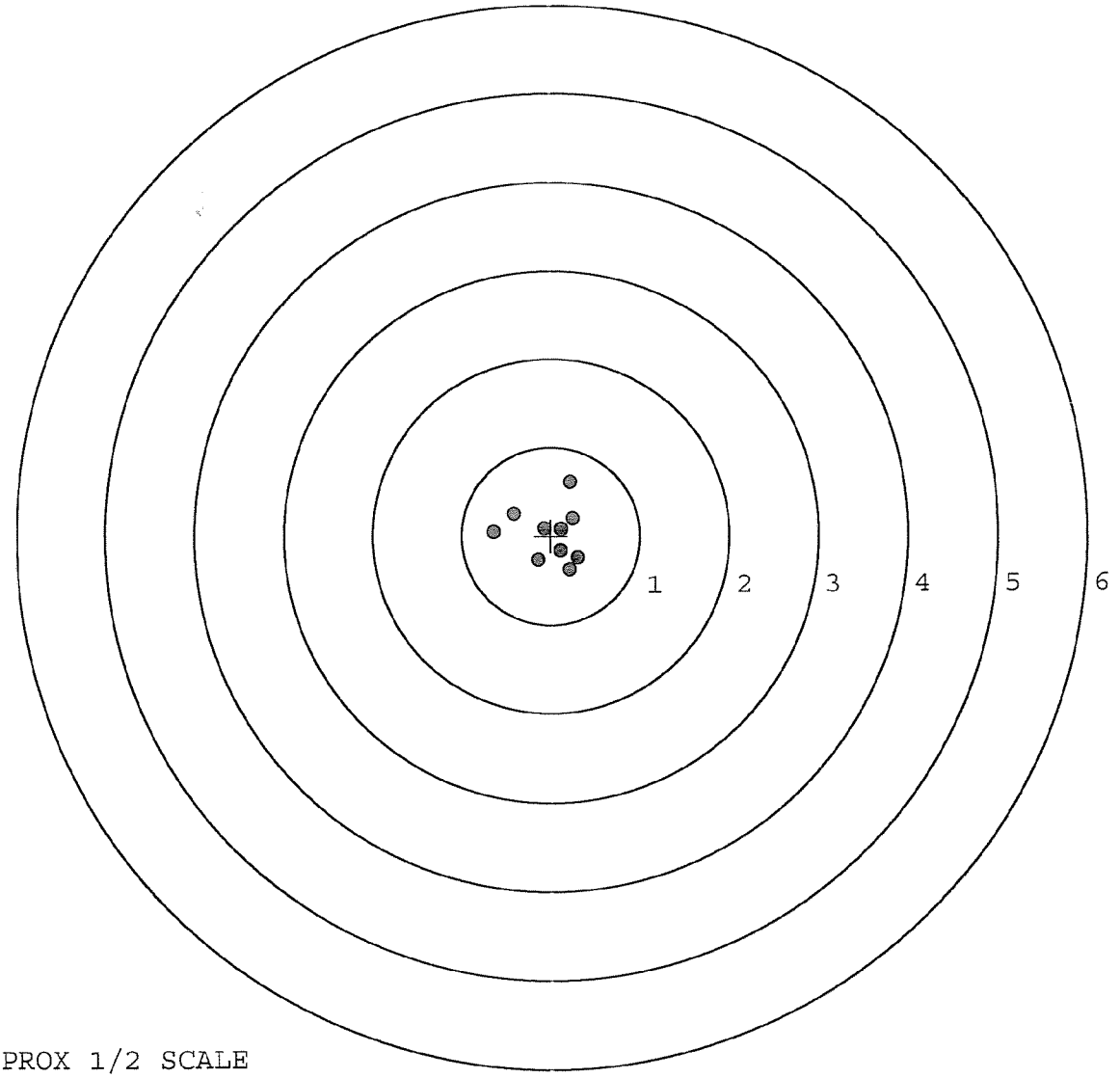
The Average X Centroid of the Five Target Set:	-0.018
The Average Y Centroid of the Five Target Set:	-0.059
The Average Point of Impact of the Five Target Set:	0.062
The Average Mean Radius of the Five Target Set:	0.561
The Distance from POA to Centroid Target #1:	0.020
The Distance from Centroid Target #2 to Centroid Target #1:	0.153
The Distance from Centroid Target #3 to Centroid Target #1:	0.127
The Distance from Centroid Target #4 to Centroid Target #1:	0.151
The Distance from Centroid Target #5 to Centroid Target #1:	0.099

BARBER - M24 0142242

SERIAL NUMBER: G6635130.__0
TARGET NUMBER: 1
FILE DATE: 01/12/2007
FILE TIME: 13:28

X CENTROID:	-0.009
Y CENTROID:	0.018
POA TO CENTROID:	0.020
HORZ SPREAD:	0.947
VERT SPREAD:	0.996
GROUP SPREAD:	1.030
MIN RADIUS:	0.095
MAX RADIUS:	0.636
MEAN RADIUS:	0.370
# IN 1 IN DIAMETER:	8
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.215	0.610
2:	-0.418	0.253
3:	-0.644	0.041
4:	-0.079	0.082
5:	0.114	0.077
6:	0.244	0.196
7:	0.303	-0.249
8:	0.109	-0.168
9:	-0.143	-0.279
10:	0.210	-0.386

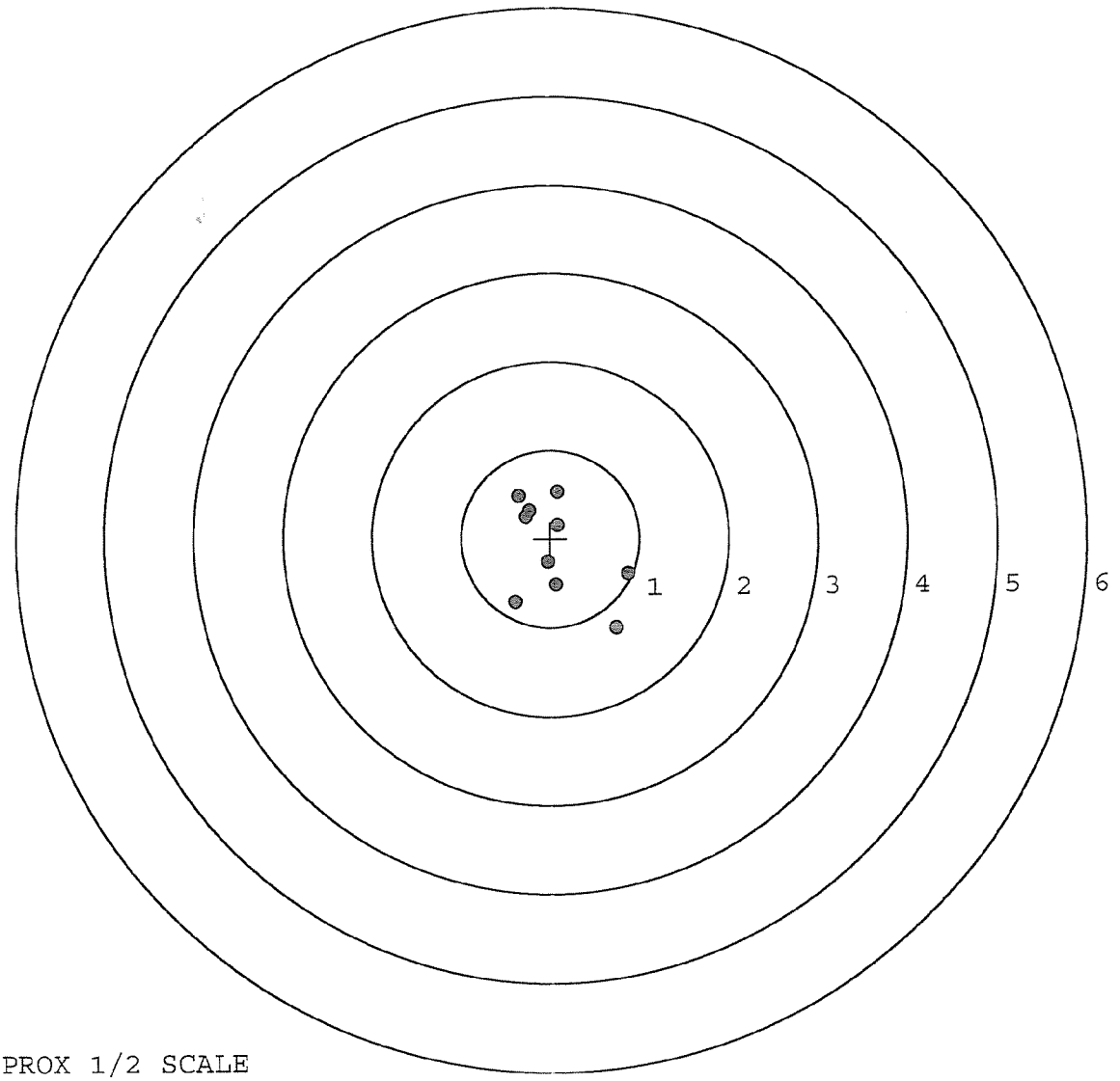


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6635130.__0
TARGET NUMBER: 2
FILE DATE: 01/12/2007
FILE TIME: 13:28

X CENTROID:	0.054
Y CENTROID:	-0.122
POA TO CENTROID:	0.133
HORZ SPREAD:	1.265
VERT SPREAD:	1.543
GROUP SPREAD:	1.855
MIN RADIUS:	0.170
MAX RADIUS:	1.124
MEAN RADIUS:	0.599
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.082	0.530
2:	-0.357	0.484
3:	-0.237	0.314
4:	0.080	0.153
5:	-0.274	0.240
6:	-0.029	-0.270
7:	0.060	-0.527
8:	0.871	-0.405
9:	0.739	-1.013
10:	-0.394	-0.722



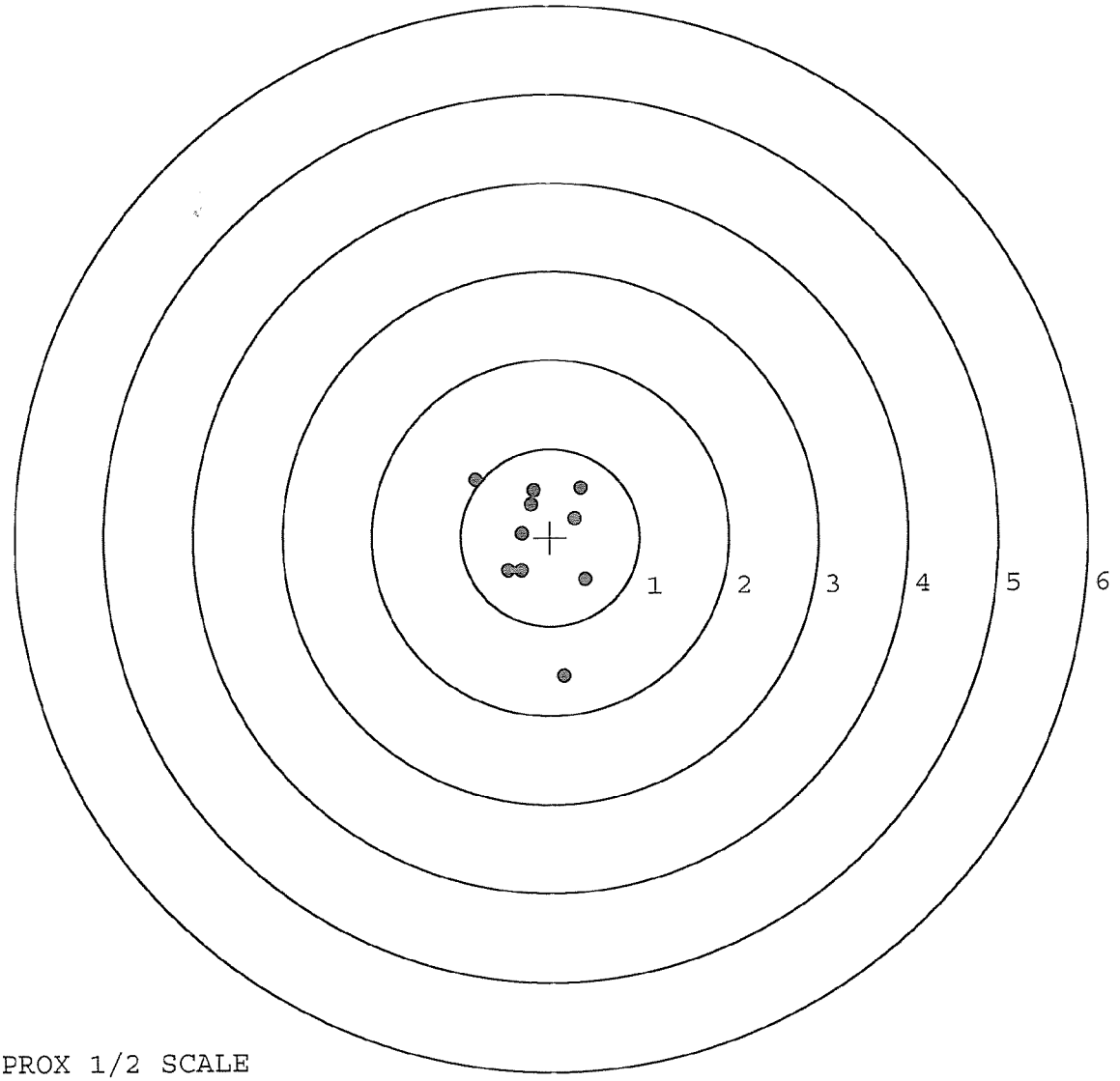
TARGET APPROX 1/2 SCALE

BARBER - M24 0142244

SERIAL NUMBER: G6635130.__0
TARGET NUMBER: 3
FILE DATE: 01/12/2007
FILE TIME: 13:28

X CENTROID:	-0.120
Y CENTROID:	-0.044
POA TO CENTROID:	0.128
HORZ SPREAD:	1.227
VERT SPREAD:	2.216
GROUP SPREAD:	2.426
MIN RADIUS:	0.216
MAX RADIUS:	1.546
MEAN RADIUS:	0.654
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.342	0.559
2:	0.276	0.212
3:	-0.181	0.532
4:	-0.219	0.367
5:	-0.840	0.650
6:	-0.319	0.041
7:	-0.472	-0.377
8:	-0.325	-0.379
9:	0.387	-0.475
10:	0.147	-1.566



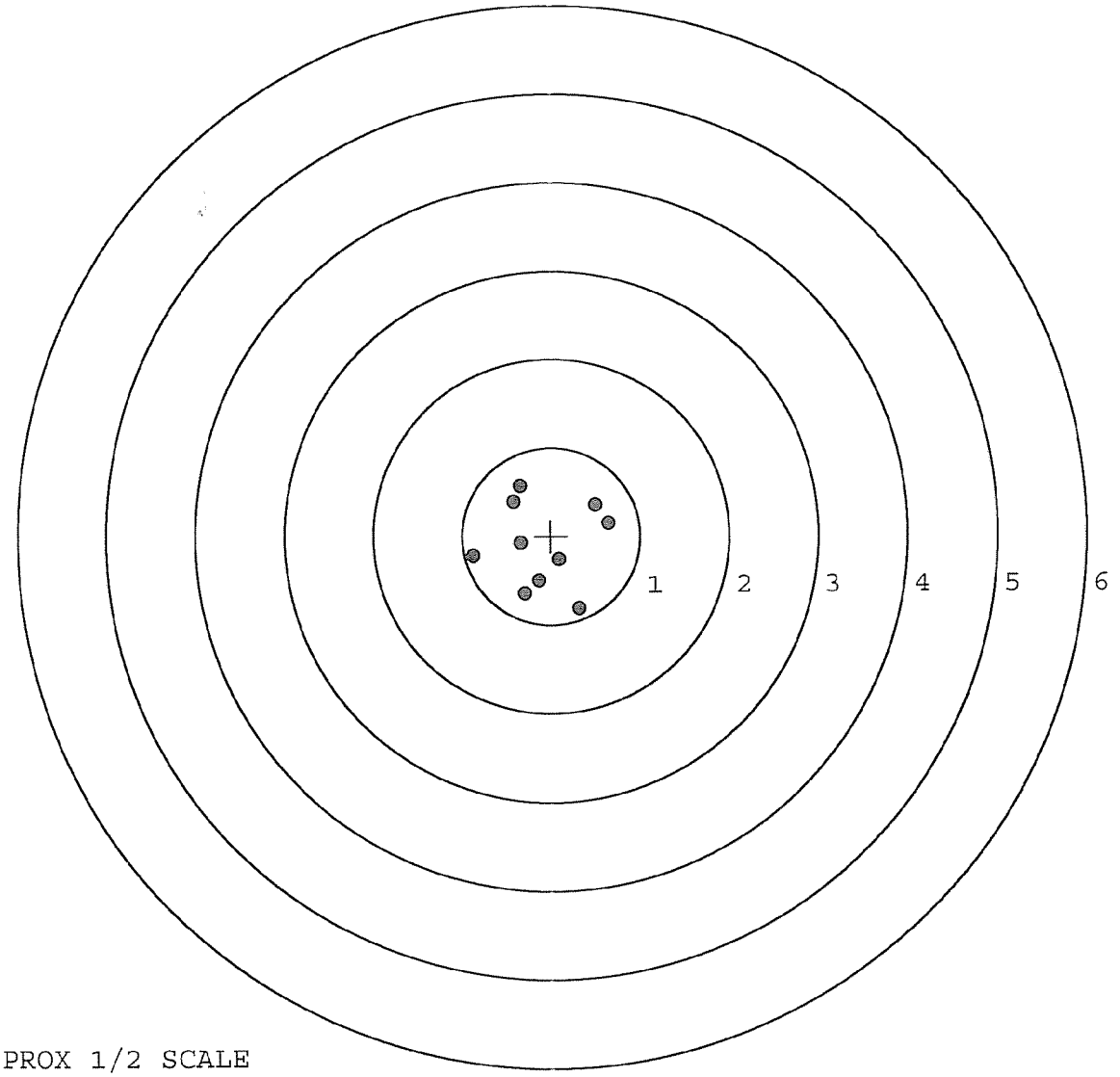
TARGET APPROX 1/2 SCALE

BARBER - M24 0142245

SERIAL NUMBER: G6635130.__0
TARGET NUMBER: 4
FILE DATE: 01/12/2007
FILE TIME: 13:28

X CENTROID:	-0.088
Y CENTROID:	-0.111
POA TO CENTROID:	0.142
HORZ SPREAD:	1.521
VERT SPREAD:	1.394
GROUP SPREAD:	1.544
MIN RADIUS:	0.236
MAX RADIUS:	0.822
MEAN RADIUS:	0.595
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.347	0.568
2:	-0.420	0.387
3:	0.494	0.356
4:	0.644	0.152
5:	-0.877	-0.233
6:	-0.346	-0.085
7:	0.089	-0.267
8:	-0.138	-0.507
9:	-0.298	-0.658
10:	0.318	-0.826



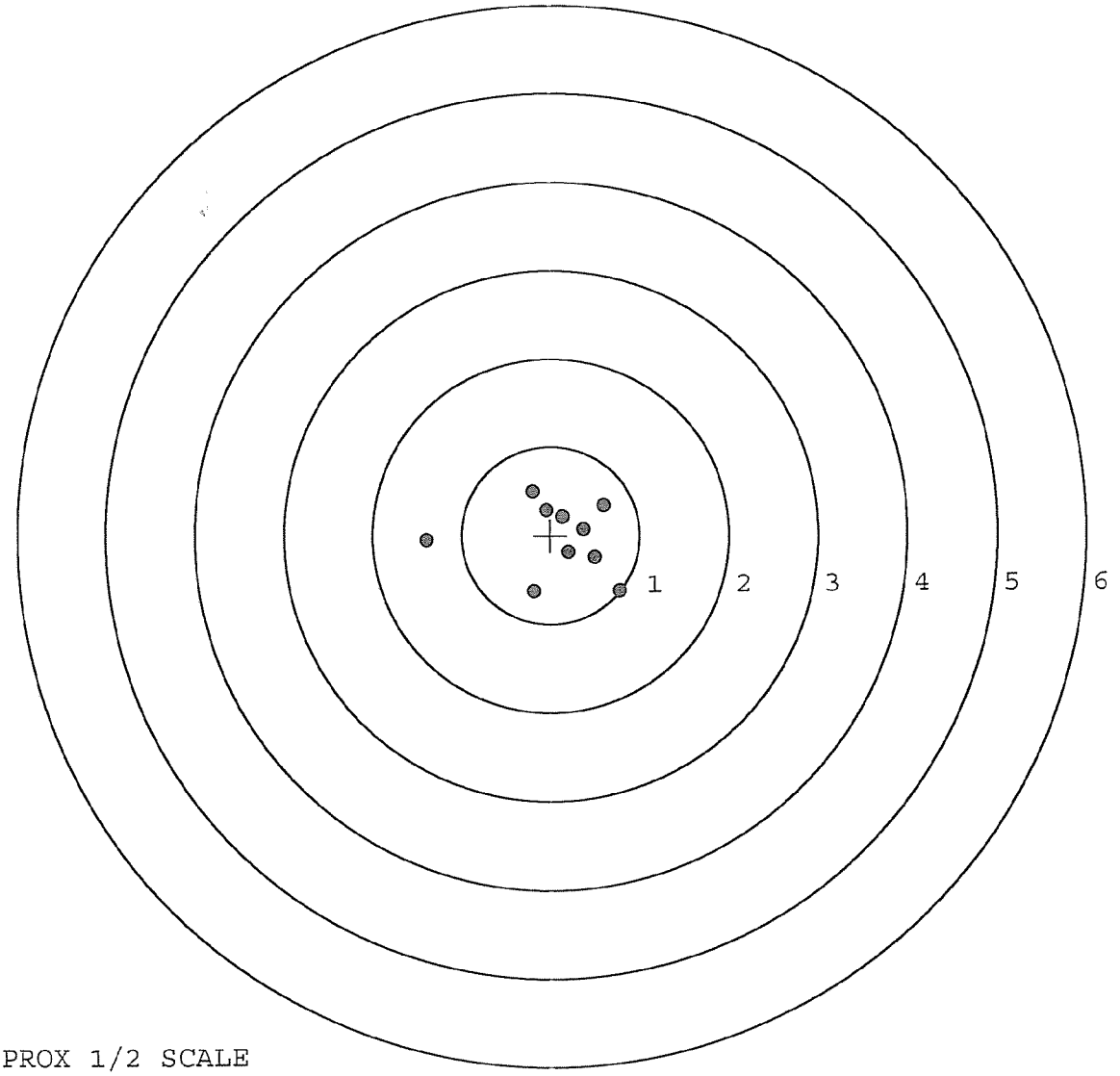
TARGET APPROX 1/2 SCALE

BARBER - M24 0142246

SERIAL NUMBER: G6635130.__0
TARGET NUMBER: 5
FILE DATE: 01/12/2007
FILE TIME: 13:28

X CENTROID:	0.075
Y CENTROID:	-0.036
POA TO CENTROID:	0.083
HORZ SPREAD:	2.175
VERT SPREAD:	1.126
GROUP SPREAD:	2.251
MIN RADIUS:	0.199
MAX RADIUS:	1.471
MEAN RADIUS:	0.587
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.396	-0.054
2:	-0.190	-0.635
3:	0.779	-0.633
4:	0.498	-0.247
5:	0.203	-0.188
6:	0.370	0.067
7:	0.594	0.339
8:	-0.205	0.491
9:	-0.047	0.286
10:	0.139	0.211



TARGET APPROX 1/2 SCALE