G 6 6 3 7 4 7

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

BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

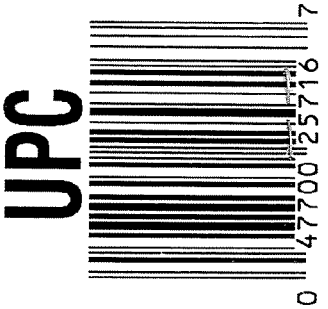
– INSTUCTION BOOK 3518

DD FORM

ORDER NO. 25716

BARREL LENGTH	24"
CAPACITY	6

G6637727



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.

BARBER - M24 0145428 **INSPECTION CHECKLIST-NEW GUNS**

GUN SERIAL # G6637727

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-5-07	RTL
420	ASSEMBLE ACTION		3-5-07	RTL
430	ASSEMBLE TO STOCK		3-5-07	FM
440	PROOF		3-5-07	TRW
460	CHECK HEADSPACE		3-5-07	TRW
470	DIS-ASSEMBLE ACTION	INSPECTED MAR 07 2007	3-6-07	RTL
480	MAGNAFLUX BBL ACTION	OPERATOR	3-7-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-7-07	CW
510	DRILL AND TAP SIGHT HOLES		3-6-07	TRW
520	GOFF BLAST BBL / REC		3-7-07	CB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-13-07	CW
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		3-21-07	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-21-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-21-07	SD
	D) OIL FIRING PIN ASSEMBLY		3/23/07	A.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/2/07	[illegible]

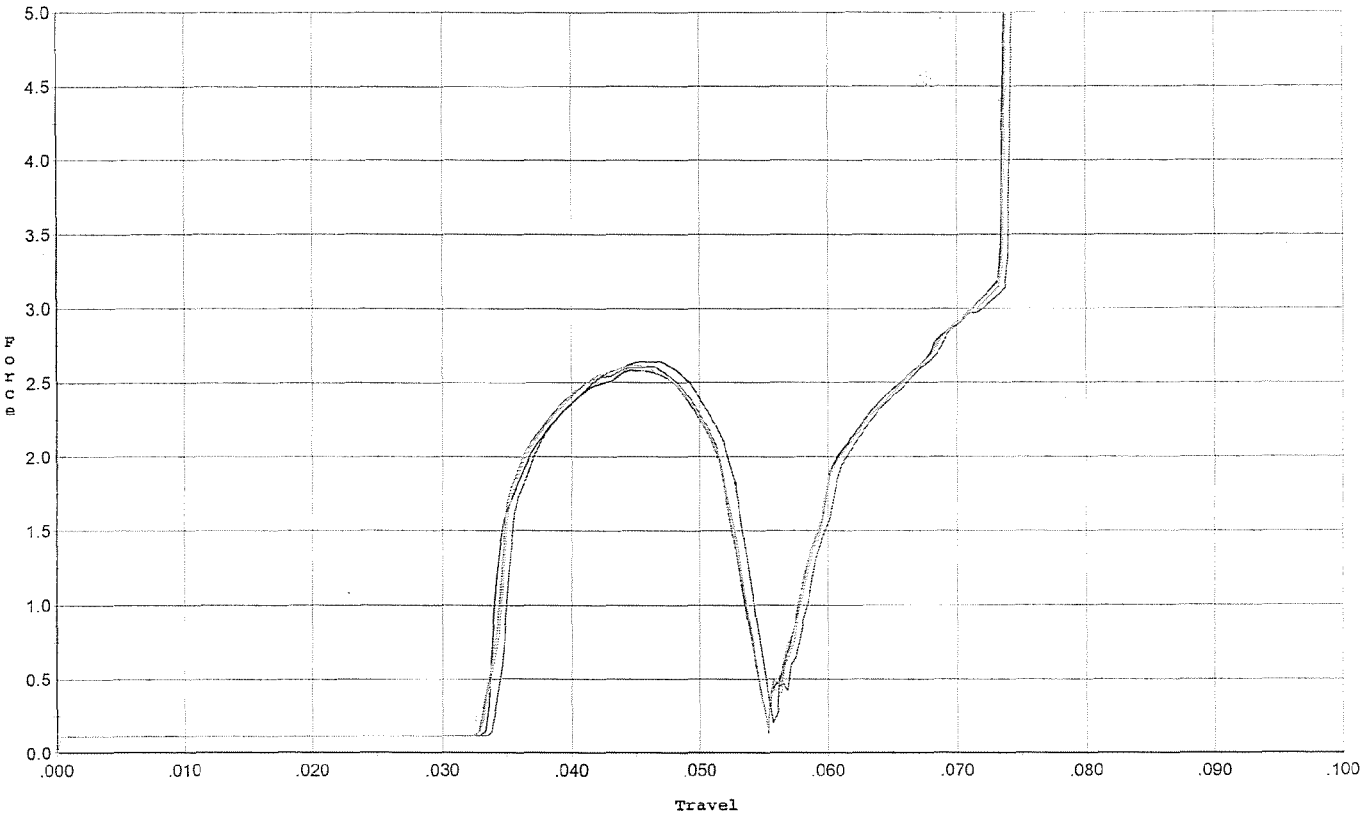
F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
	BARBER - M24 0145429			
560	F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX]	6.5 7.0 6.5	4/2/07	DA
CONT.	G) SAFETY OFF FORCE [2 LBS MIN]	3.5 3.5 3.5	4/2/07	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		4/2/07	
	I) FIRING PIN INDENT [.020 MIN]	.024 .024 .024	4/2/07	DA
	J) ASSEMBLE STOCK		3/23/07	
	K) ASSEMBLE SWIVEL STUDS		4/5/07	
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/5/07	
	M) IRON SIGHT ALIGNMENT		4/5/07	
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/5/07	
640 & 650	FUNCTION TEST AND TARGET	(PASS) FAIL / (PASS) FAIL	3-27-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		3/27/07	W.K
670	FINAL INSPECTION A) HEADSPACE		4/5/07	
	B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS]	2.61 2.74 2.58 2.31 2.58	4/2/07	DA
	C) FUNCTION		4/5/07	
690	PACK		4-11-07	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 3/22/07		



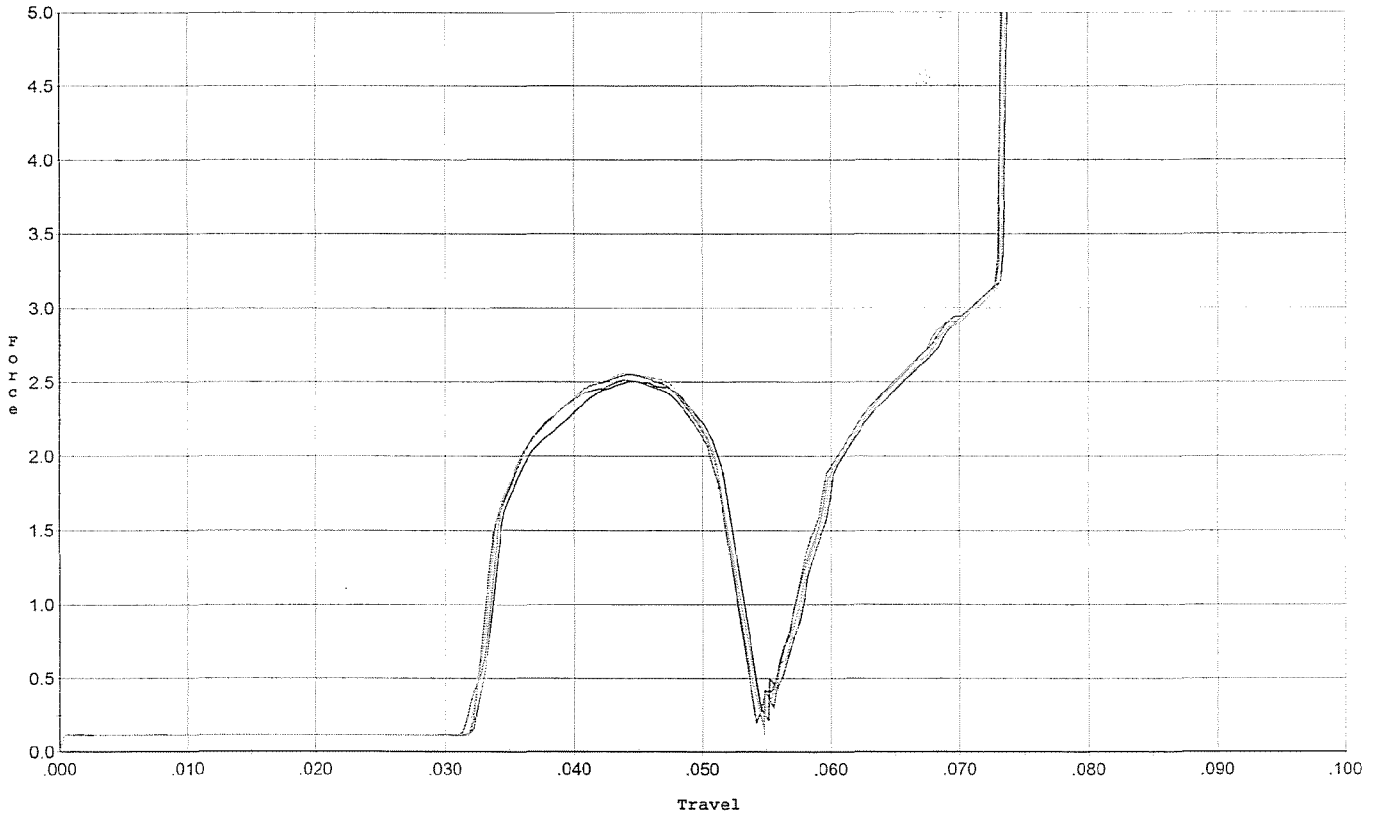
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.644	0.053	0.034	0.028	0.046		Set Trigger
2	2.584	0.051	0.034	0.029	0.045		Set Trigger
3	2.613	0.053	0.033	0.028	0.047		Set Trigger
4	2.592	0.053	0.033	0.028	0.046		Set Trigger
5	2.619	0.053	0.033	0.028	0.047		Set Trigger

AVG 2.61

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 3/22/2007 2:51:40 PM

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 3/22/07		



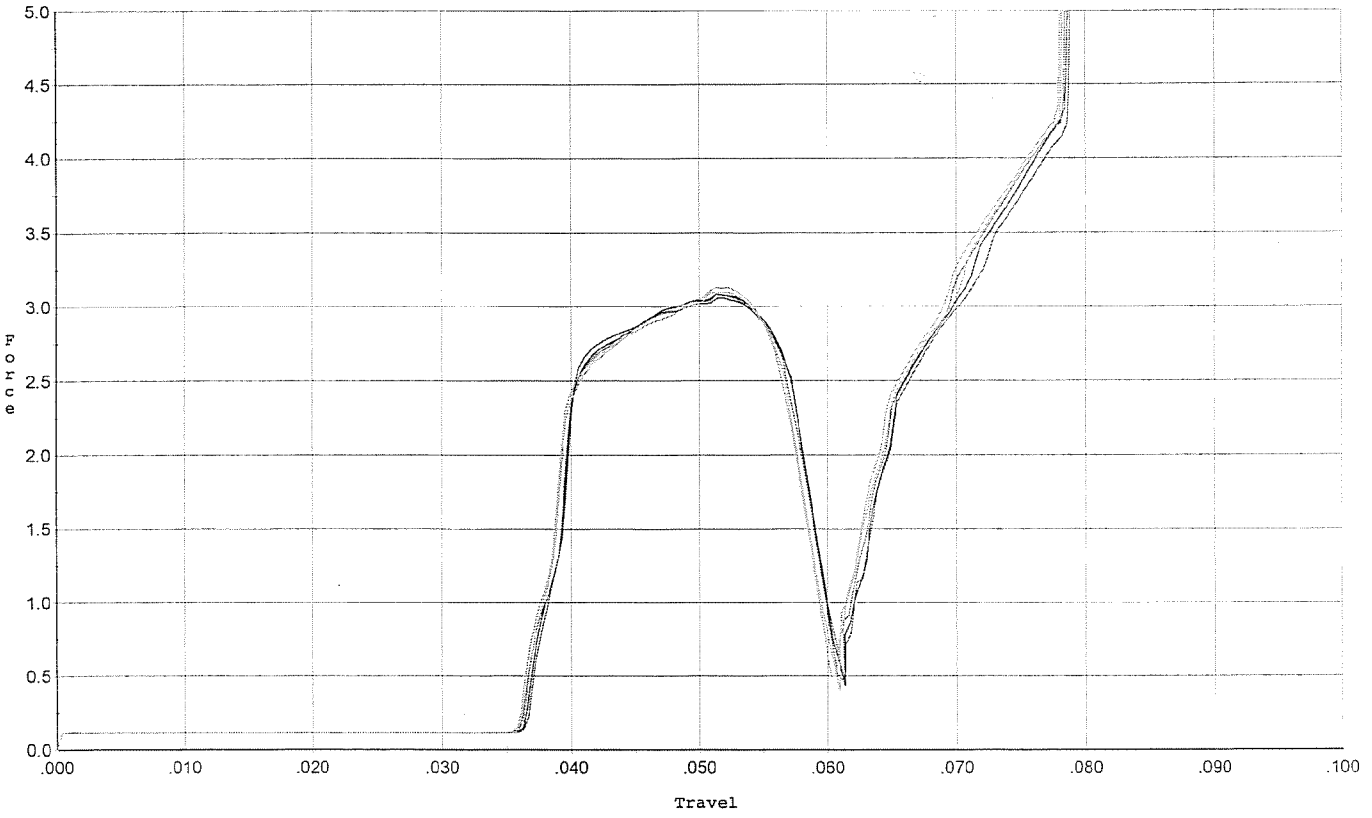
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.512	0.051	0.032	0.029	0.045		Set Trigger
2	2.504	0.052	0.033	0.029	0.045		Set Trigger
3	2.551	0.051	0.032	0.029	0.045		Set Trigger
4	2.518	0.051	0.032	0.029	0.045		Set Trigger
5	2.561	0.051	0.033	0.029	0.045		Set Trigger

AVG 2.52

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 3/22/2007 2:53:21 PM

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 3/22/07		



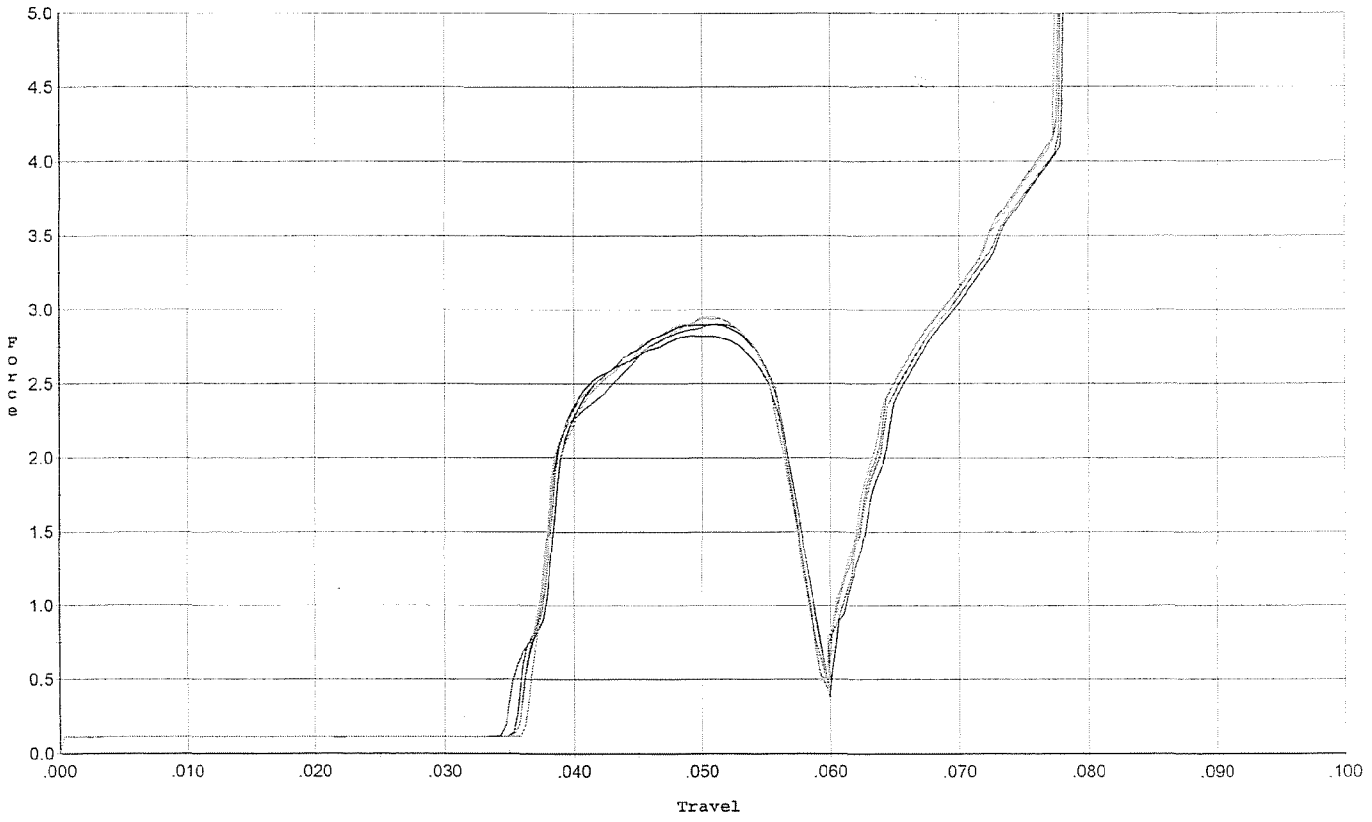
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.060	0.057	0.037	0.027	0.059		Set Trigger
2	3.084	0.057	0.037	0.027	0.059		Set Trigger
3	3.082	0.058	0.036	0.027	0.060		Set Trigger
4	3.096	0.057	0.036	0.027	0.059		Set Trigger
5	3.128	0.057	0.036	0.027	0.058		Set Trigger

Avg 3.09

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 3/22/2007 3:12:45 PM

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 3/22/07		



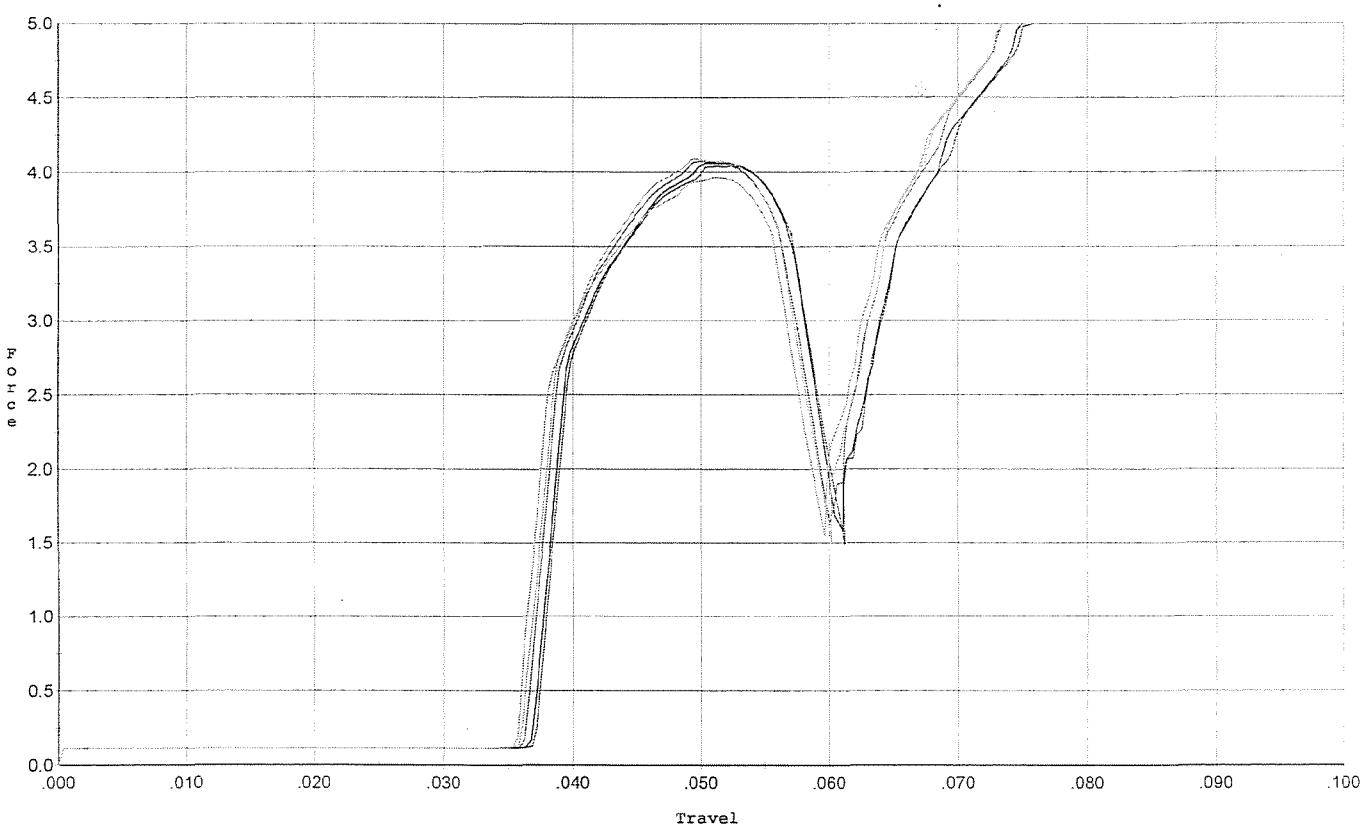
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.822	0.056	0.036	0.028	0.054		Set Trigger
2	2.896	0.058	0.036	0.027	0.056		Set Trigger
3	2.905	0.056	0.035	0.027	0.054		Set Trigger
4	2.943	0.056	0.036	0.028	0.054		Set Trigger
5	2.953	0.057	0.036	0.027	0.056		Set Trigger

Avg 2.90

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 3/22/2007 3:14:37 PM

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 3/22/07		



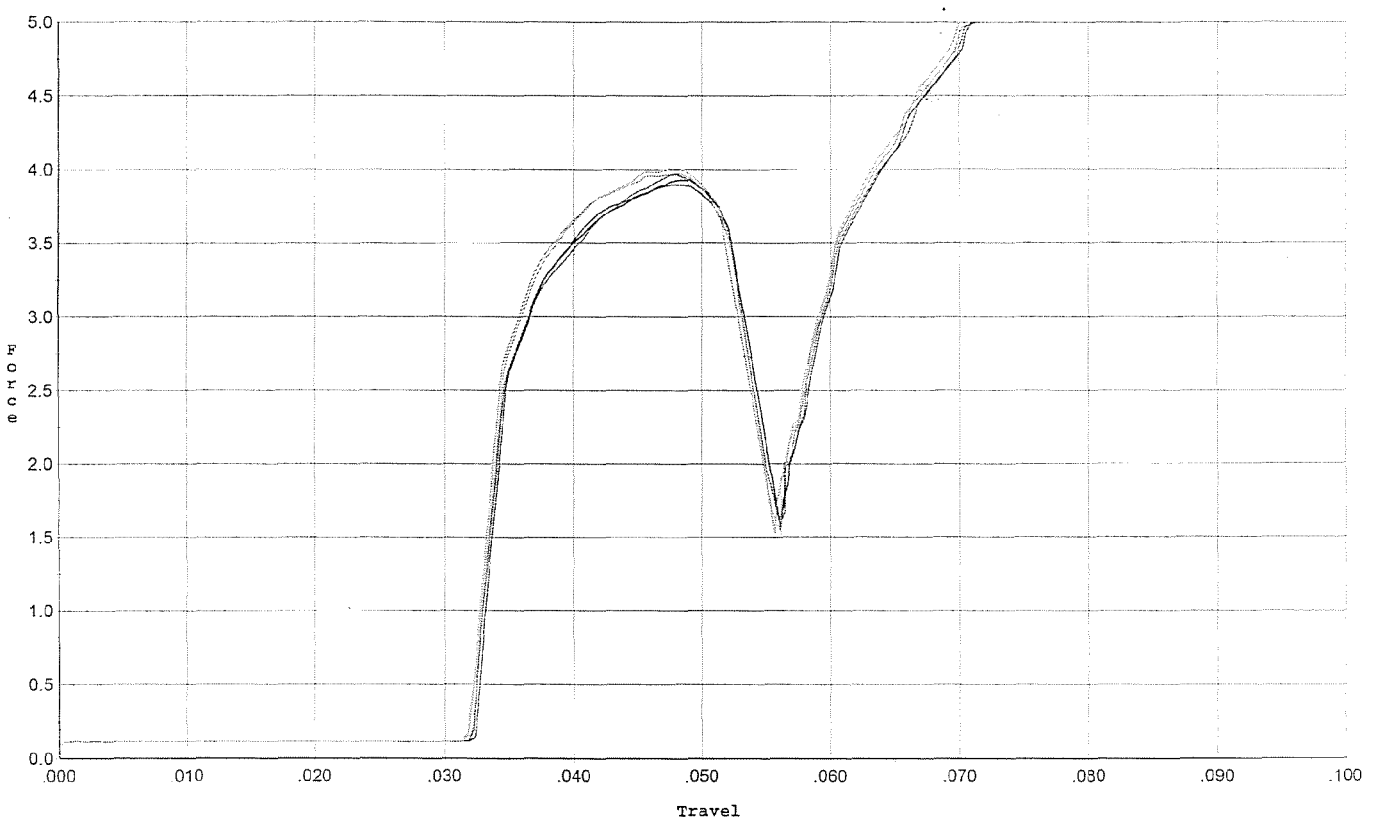
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.041	0.057	0.037	0.025	0.076		Set Trigger
2	4.061	0.057	0.037	0.025	0.077		Set Trigger
3	4.072	0.058	0.036	0.025	0.078		Set Trigger
4	4.086	0.056	0.036	0.025	0.076		Set Trigger
5	3.966	0.056	0.036	0.025	0.074		Set Trigger

Avg 4.04

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 3/22/2007 3:18:32 PM

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 3/22/07		



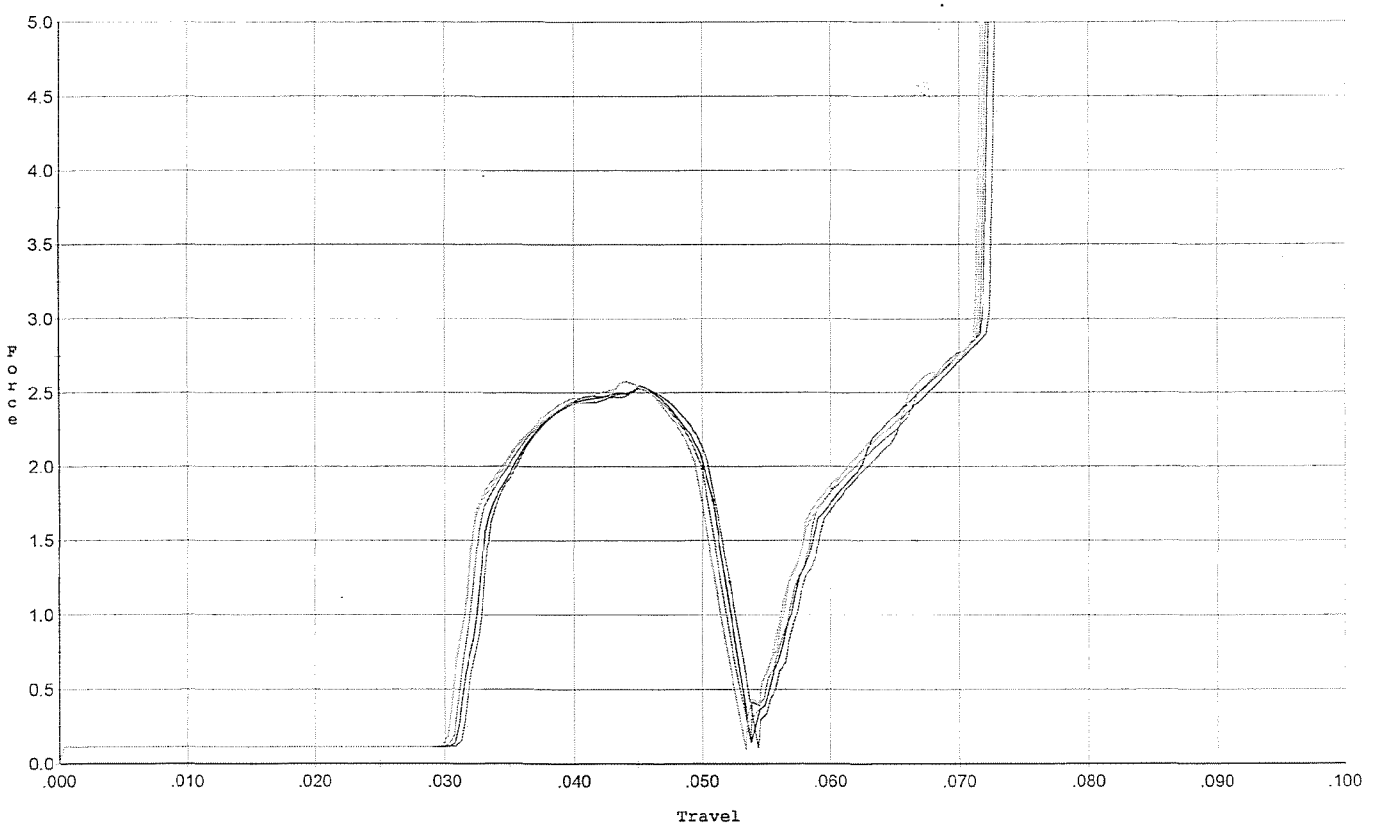
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.898	0.052	0.032	0.025	0.073		Set Trigger
2	3.932	0.054	0.033	0.025	0.075		Set Trigger
3	3.967	0.052	0.032	0.025	0.073		Set Trigger
4	4.010	0.052	0.032	0.025	0.075		Set Trigger
5	3.975	0.053	0.032	0.025	0.076		Set Trigger

Avg 3.95

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 3/22/2007 3:20:18 PM

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 3/22/07		



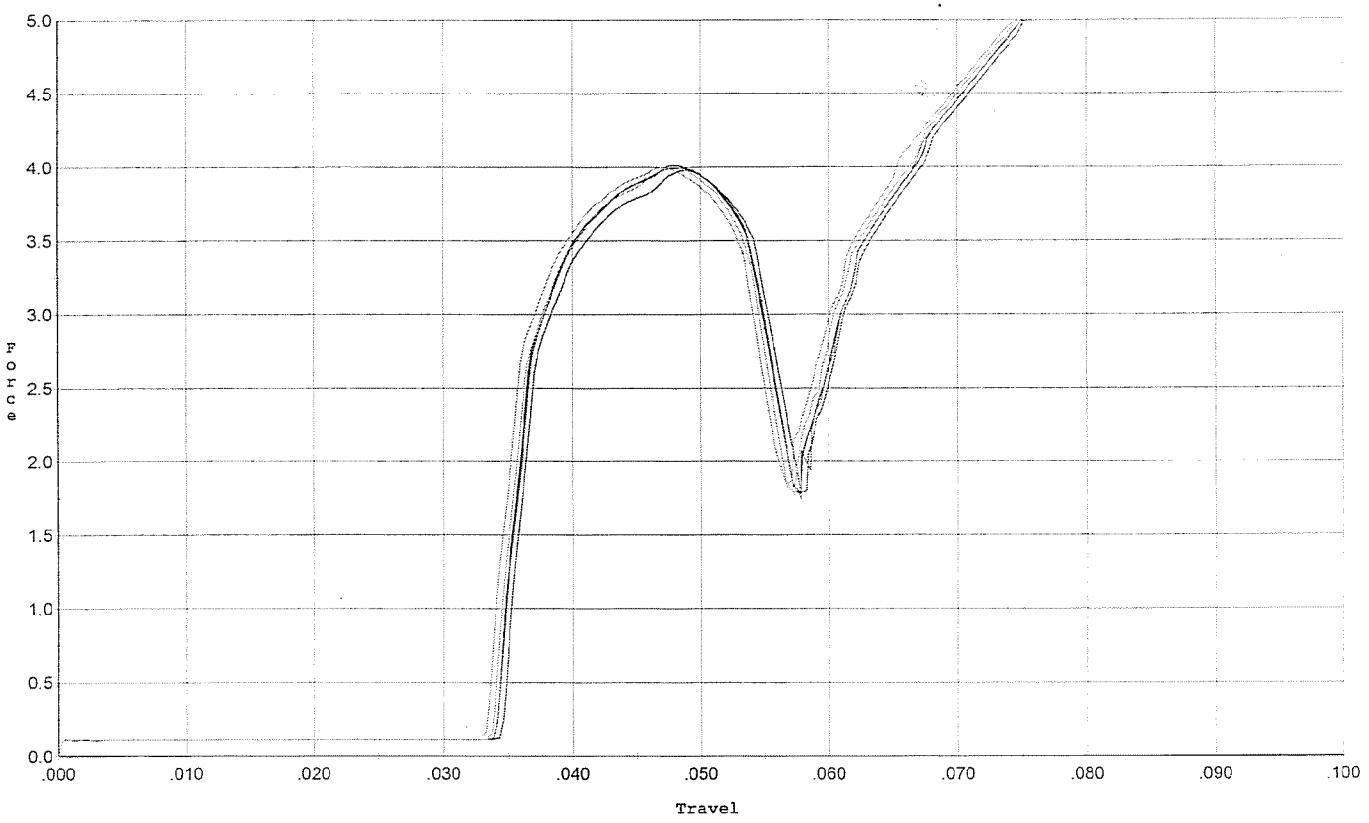
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.550	0.052	0.032	0.028	0.047		Set Trigger
2	2.536	0.051	0.031	0.028	0.046		Set Trigger
3	2.525	0.050	0.031	0.028	0.046		Set Trigger
4	2.579	0.049	0.030	0.029	0.045		Set Trigger
5	2.572	0.049	0.030	0.029	0.046		Set Trigger

AVG 2.55

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 3/22/2007 3:24:50 PM

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 3/22/07		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.982	0.056	0.035	0.025	0.076		Set Trigger
2	3.996	0.055	0.034	0.025	0.076		Set Trigger
3	4.013	0.055	0.034	0.025	0.075		Set Trigger
4	4.003	0.054	0.034	0.025	0.074		Set Trigger
5	3.999	0.053	0.033	0.025	0.074		Set Trigger

Avg 3.99

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 3/22/2007 3:28:25 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637727.__0
FILE DATE AND TIME: 03/27/2007 12:34

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

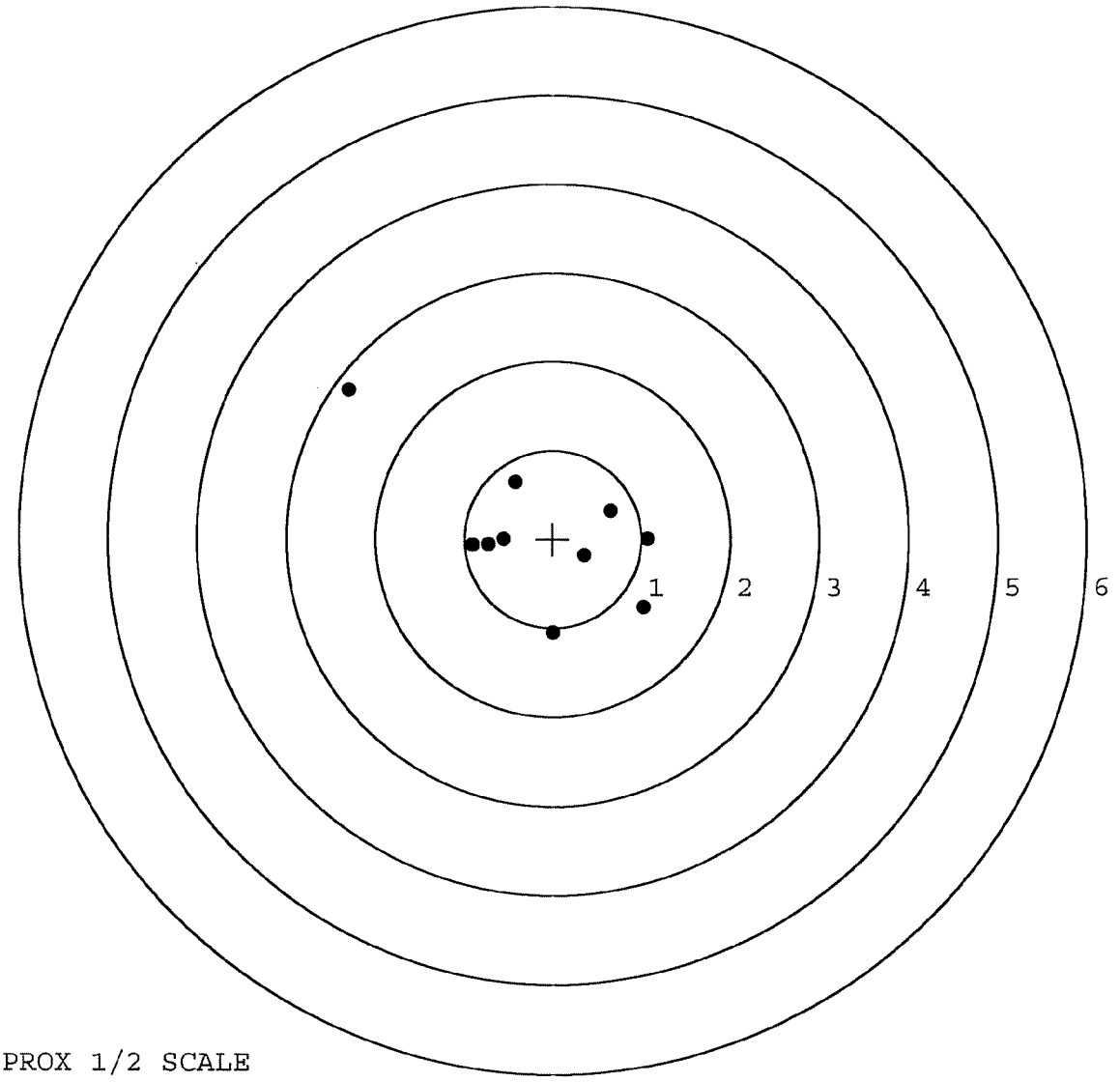
The Average X Centroid of the Five Target Set:	-0.135
The Average Y Centroid of the Five Target Set:	0.003
The Average Point of Impact of the Five Target Set:	0.135
The Average Mean Radius of the Five Target Set:	0.742
The Distance from POA to Centroid Target #1:	0.188
The Distance from Centroid Target #2 to Centroid Target #1:	0.036
The Distance from Centroid Target #3 to Centroid Target #1:	0.150
The Distance from Centroid Target #4 to Centroid Target #1:	0.094
The Distance from Centroid Target #5 to Centroid Target #1:	0.175

BARBER - M24 0145439

SERIAL NUMBER: G6637727.__0
TARGET NUMBER: 1
FILE DATE: 03/27/2007
FILE TIME: 12:34

X CENTROID:	-0.182
Y CENTROID:	0.047
POA TO CENTROID:	0.188
HORZ SPREAD:	3.368
VERT SPREAD:	2.734
GROUP SPREAD:	4.122
MIN RADIUS:	0.378
MAX RADIUS:	2.667
MEAN RADIUS:	1.029
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.021	-0.774
2:	1.070	0.003
3:	-0.005	-1.064
4:	0.355	-0.191
5:	0.659	0.319
6:	-0.425	0.640
7:	-0.557	-0.001
8:	-0.733	-0.066
9:	-0.908	-0.069
10:	-2.298	1.670



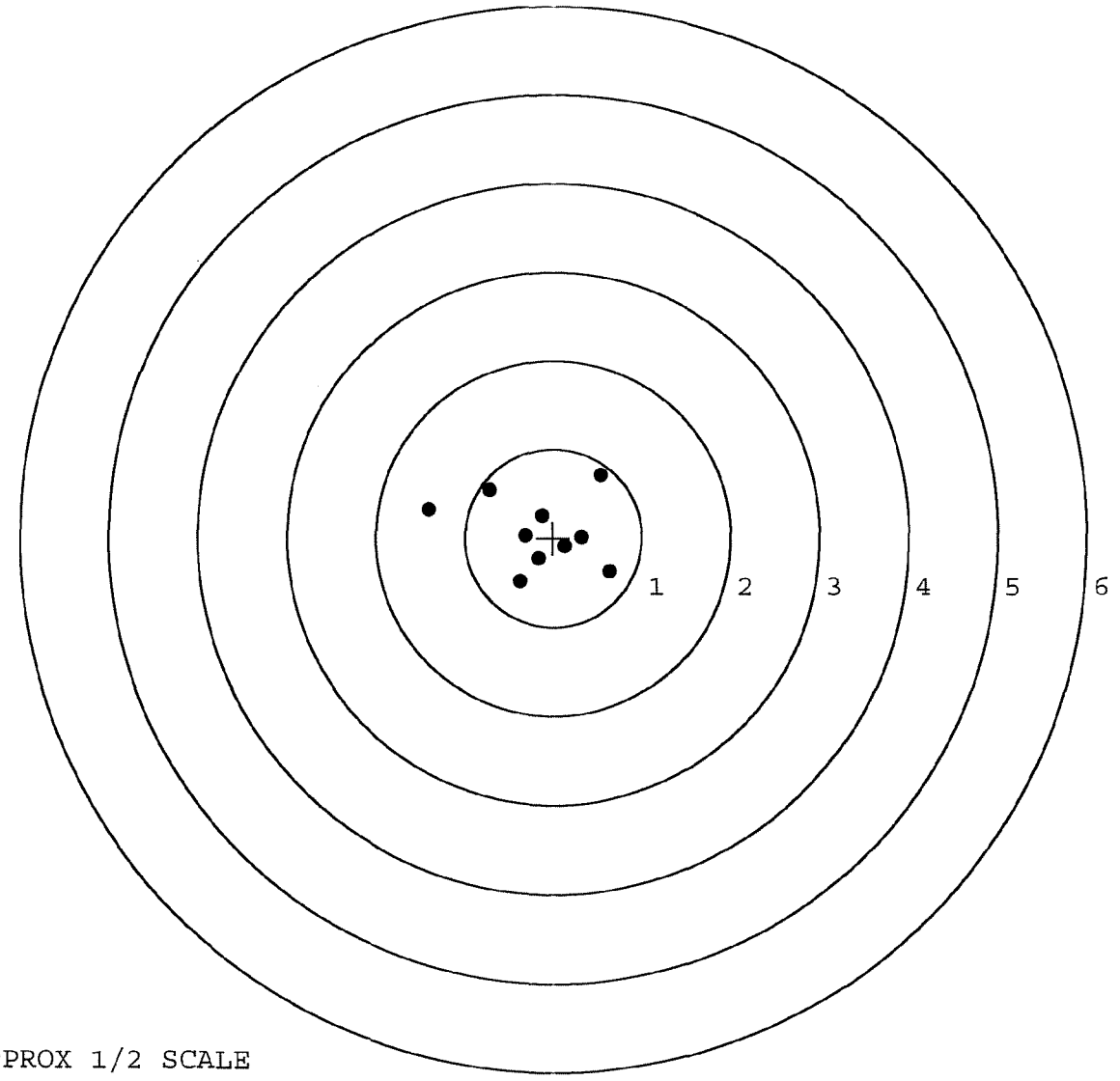
TARGET APPROX 1/2 SCALE

BARBER - M24 0145440

SERIAL NUMBER: G6637727.__0
TARGET NUMBER: 2
FILE DATE: 03/27/2007
FILE TIME: 12:34

X CENTROID:	-0.149
Y CENTROID:	0.061
POA TO CENTROID:	0.161
HORZ SPREAD:	2.056
VERT SPREAD:	1.200
GROUP SPREAD:	2.172
MIN RADIUS:	0.175
MAX RADIUS:	1.290
MEAN RADIUS:	0.595
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.643	-0.383
2:	0.534	0.700
3:	-0.724	0.531
4:	-1.413	0.318
5:	-0.374	-0.500
6:	0.326	0.007
7:	-0.127	0.251
8:	-0.320	0.021
9:	0.132	-0.095
10:	-0.170	-0.237



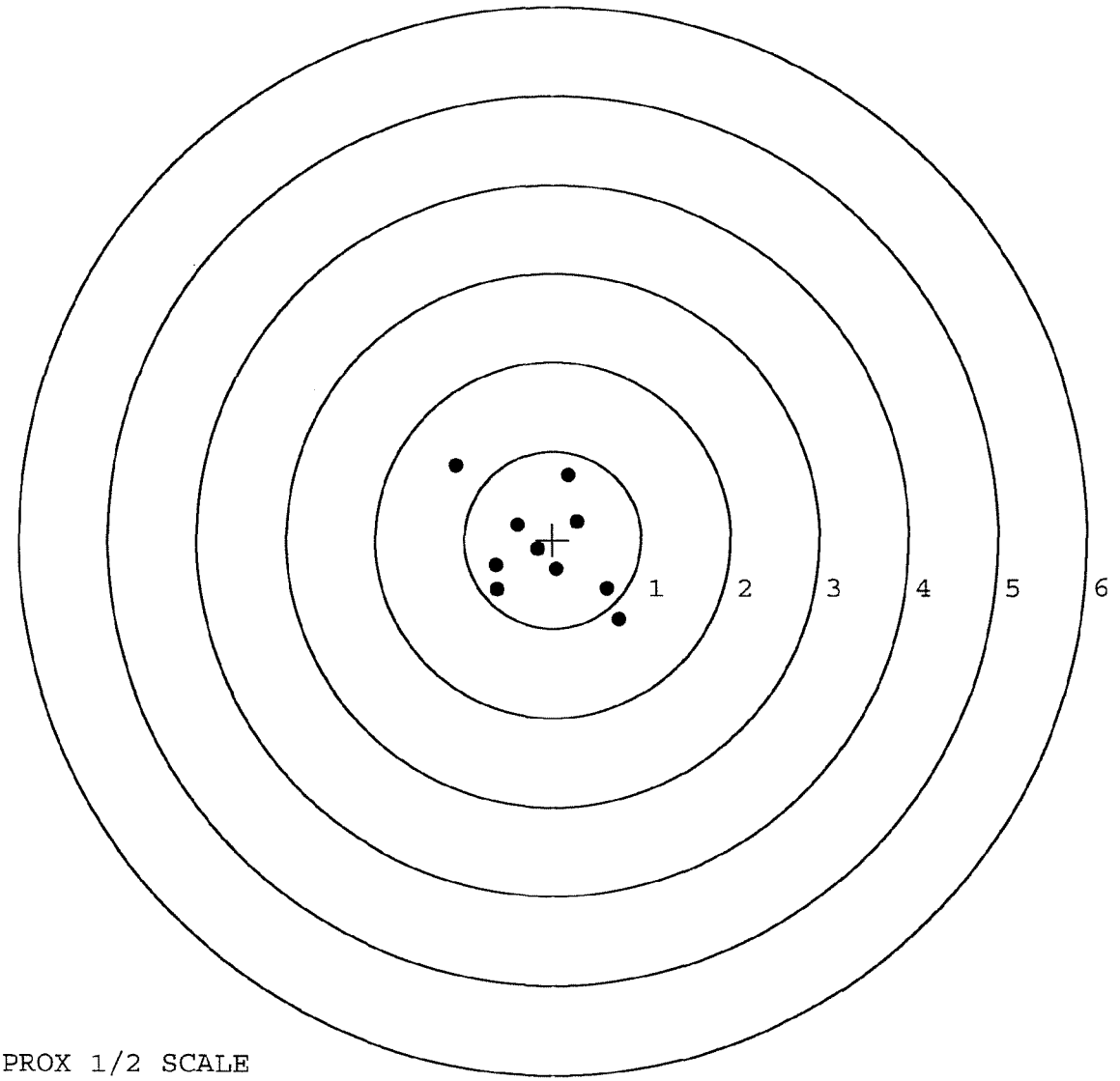
TARGET APPROX 1/2 SCALE

BARBER - M24 0145441

SERIAL NUMBER: G6637727.__0
TARGET NUMBER: 3
FILE DATE: 03/27/2007
FILE TIME: 12:34

X CENTROID:	-0.109
Y CENTROID:	-0.085
POA TO CENTROID:	0.138
HORZ SPREAD:	1.846
VERT SPREAD:	1.744
GROUP SPREAD:	2.540
MIN RADIUS:	0.070
MAX RADIUS:	1.350
MEAN RADIUS:	0.678
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.748	-0.909
2:	0.614	-0.557
3:	0.270	0.204
4:	0.179	0.732
5:	-1.098	0.835
6:	-0.645	-0.294
7:	-0.628	-0.572
8:	0.043	-0.336
9:	-0.173	-0.113
10:	-0.404	0.165



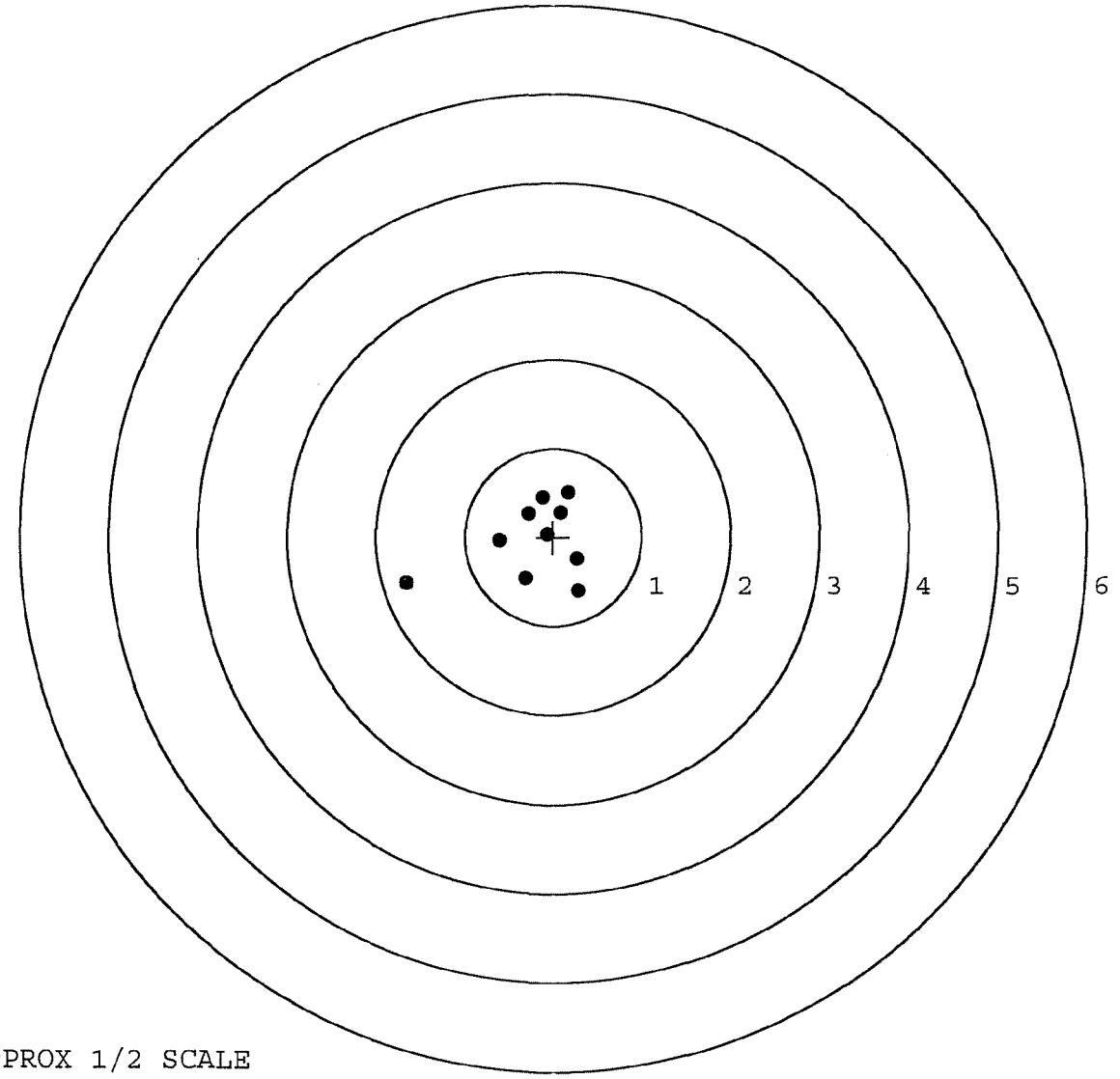
TARGET APPROX 1/2 SCALE

BARBER - M24 0145442

SERIAL NUMBER: G6637727.__0
TARGET NUMBER: 4
FILE DATE: 03/27/2007
FILE TIME: 12:34

X CENTROID:	-0.226
Y CENTROID:	-0.037
POA TO CENTROID:	0.229
HORZ SPREAD:	1.939
VERT SPREAD:	1.109
GROUP SPREAD:	2.092
MIN RADIUS:	0.171
MAX RADIUS:	1.510
MEAN RADIUS:	0.573
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.284	-0.607
2:	0.268	-0.247
3:	-0.317	-0.472
4:	-0.612	-0.046
5:	-1.655	-0.525
6:	-0.124	0.451
7:	-0.285	0.268
8:	0.168	0.502
9:	0.082	0.278
10:	-0.070	0.032



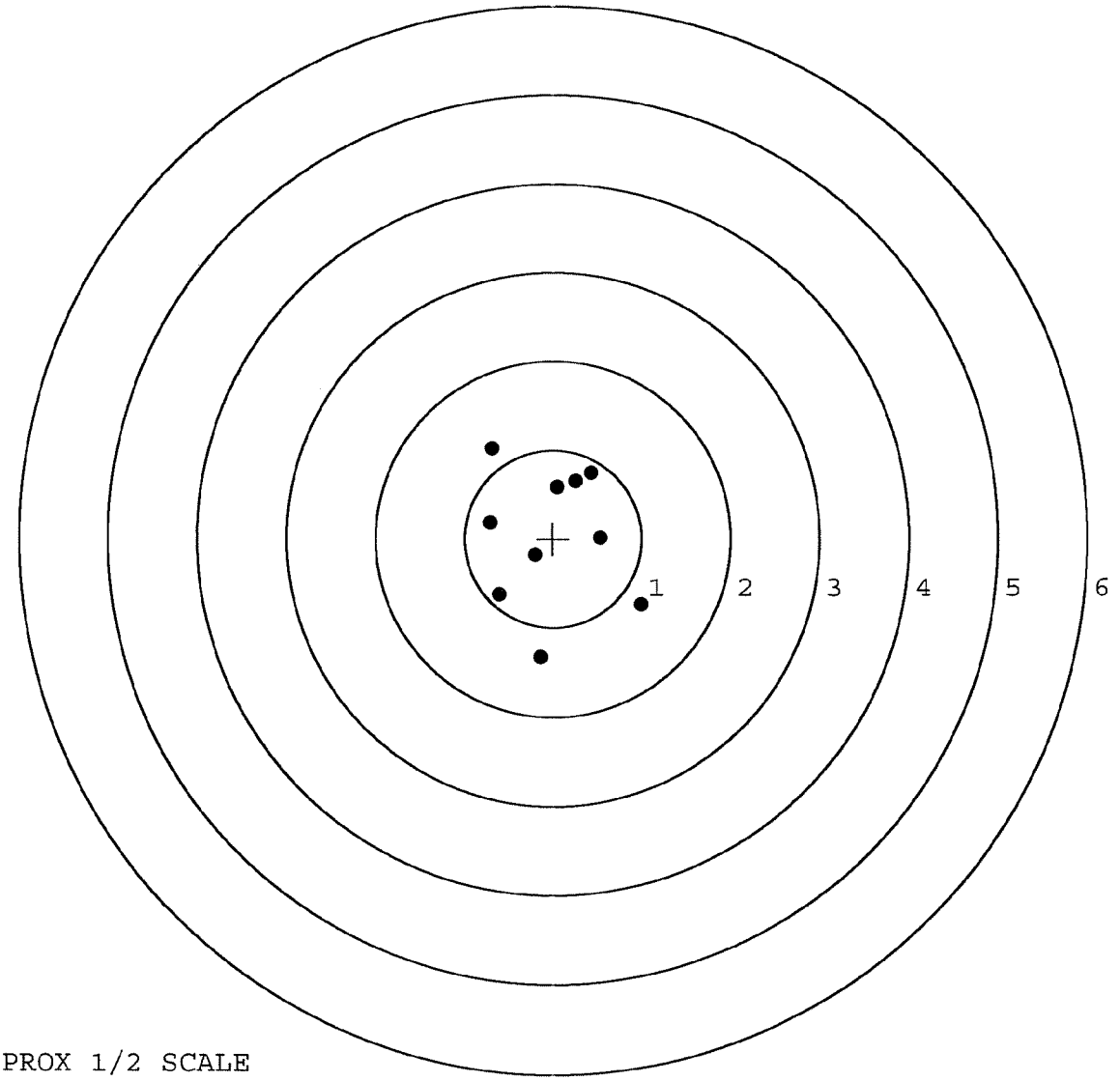
TARGET APPROX 1/2 SCALE

BARBER - M24 0145443

SERIAL NUMBER: G6637727.__0
TARGET NUMBER: 5
FILE DATE: 03/27/2007
FILE TIME: 12:34

X CENTROID:	-0.009
Y CENTROID:	0.026
POA TO CENTROID:	0.027
HORZ SPREAD:	1.702
VERT SPREAD:	2.358
GROUP SPREAD:	2.420
MIN RADIUS:	0.291
MAX RADIUS:	1.375
MEAN RADIUS:	0.836
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.994	-0.749
2:	-0.145	-1.342
3:	-0.607	-0.638
4:	-0.202	-0.192
5:	0.535	0.009
6:	-0.708	0.184
7:	-0.689	1.016
8:	0.428	0.740
9:	0.259	0.649
10:	0.050	0.583



TARGET APPROX 1/2 SCALE