G6691416

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

– INSTUCTION BOOK 3518

proof of purchase
0 47700 25716 7
G6691416

owner registration sticker
0 47700 25716 7
G6691416

ORDER NO. 25716

BARREL LENGTH	24"
CAPACITY	6

G6691416

UPC
0 47700 25716 7

BM FORM

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 0176083 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6691416

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-24-07	RTC
420	ASSEMBLE ACTION		9-24-07	RTC
430	ASSEMBLE TO STOCK		9-24-07	SD
440	PROOF	MAGNA-FLUX SEP 2 8 2007	9/24/07	MM
460	CHECK HEADSPACE		9/24/07	MM
470	DIS-ASSEMBLE ACTION		9-24-07	SD
480	MAGNAFLUX BBL ACTION	OPERATOR	9/25/07	
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-25-07	CW
510	DRILL AND TAP SIGHT HOLES		9-25-07	FM
520	GOFF BLAST BBL / REC		9-26-07	JY
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/1/07	RB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		10/10/07	L.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10/10/07	L.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10/10/07	L.P.D.
	D) OIL FIRING PIN ASSEMBLY		10/10/07	L.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/4/07	MM

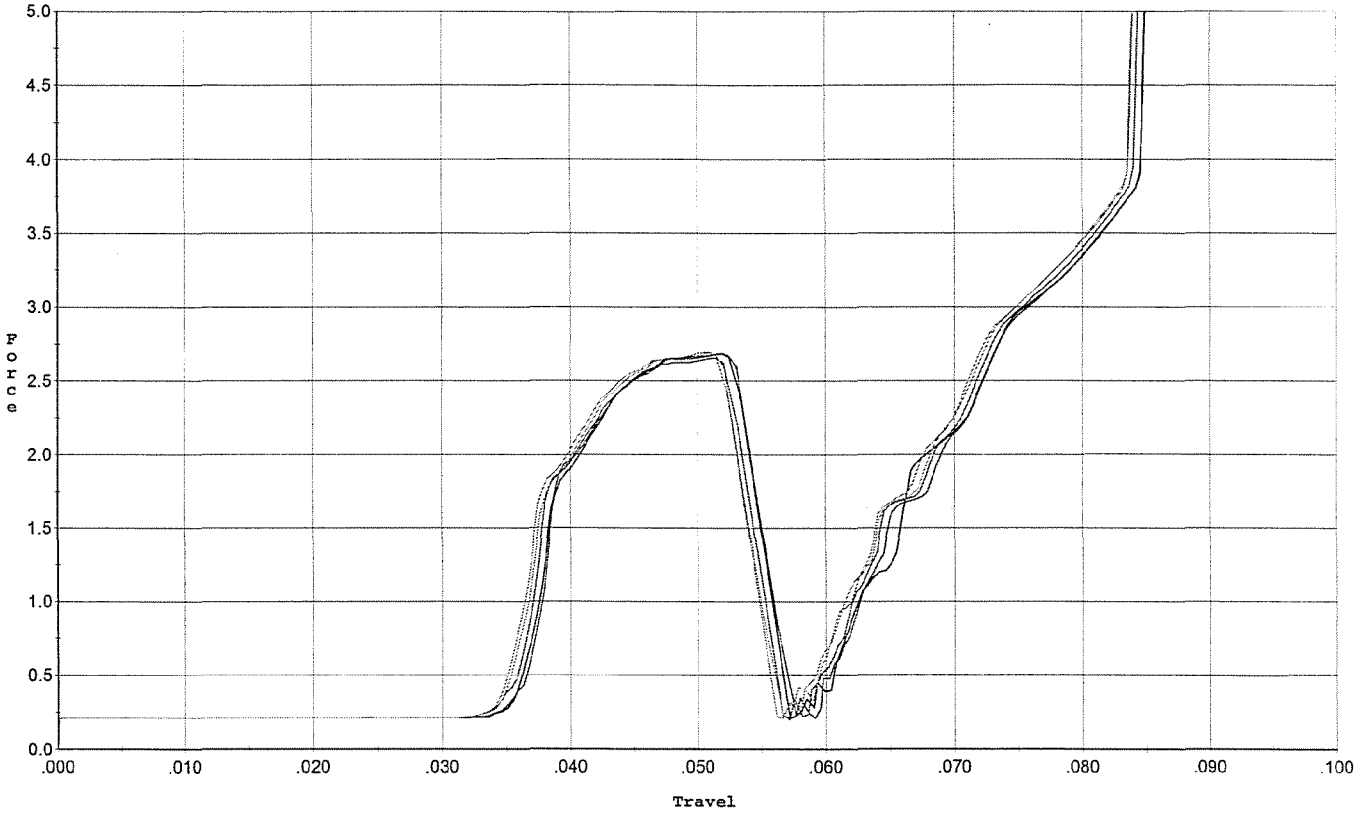
F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
	BARBER - M24 0176084			
560	F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX]	6.75 6.5 6.75	10/16/07	
CONT.	G) SAFETY OFF FORCE [2 LBS MIN]	5.25 6.0 5.75	10/16/07	
	H) TRIGGER PULL TEST AND RETAINABILITY		10/16/07	
	I) FIRING PIN INDENT [.020 MIN]	.023 .023 .023	10/16/07	
	J) ASSEMBLE STOCK		10/10/07	
	K) ASSEMBLE SWIVEL STUDS		10/16/07	
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10/17/07	
	M) IRON SIGHT ALIGNMENT		10/17/07	
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10/17/07	
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL / PASS FAIL	10/18/07	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10-1-07	SD
670	FINAL INSPECTION A) HEADSPACE		10/16/07	
	B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS]	2.60 2.42 2.75 2.65 2.68	10/15/07	
	C) FUNCTION		10/16/07	
690	PACK		10/22/07	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 10/8/07		



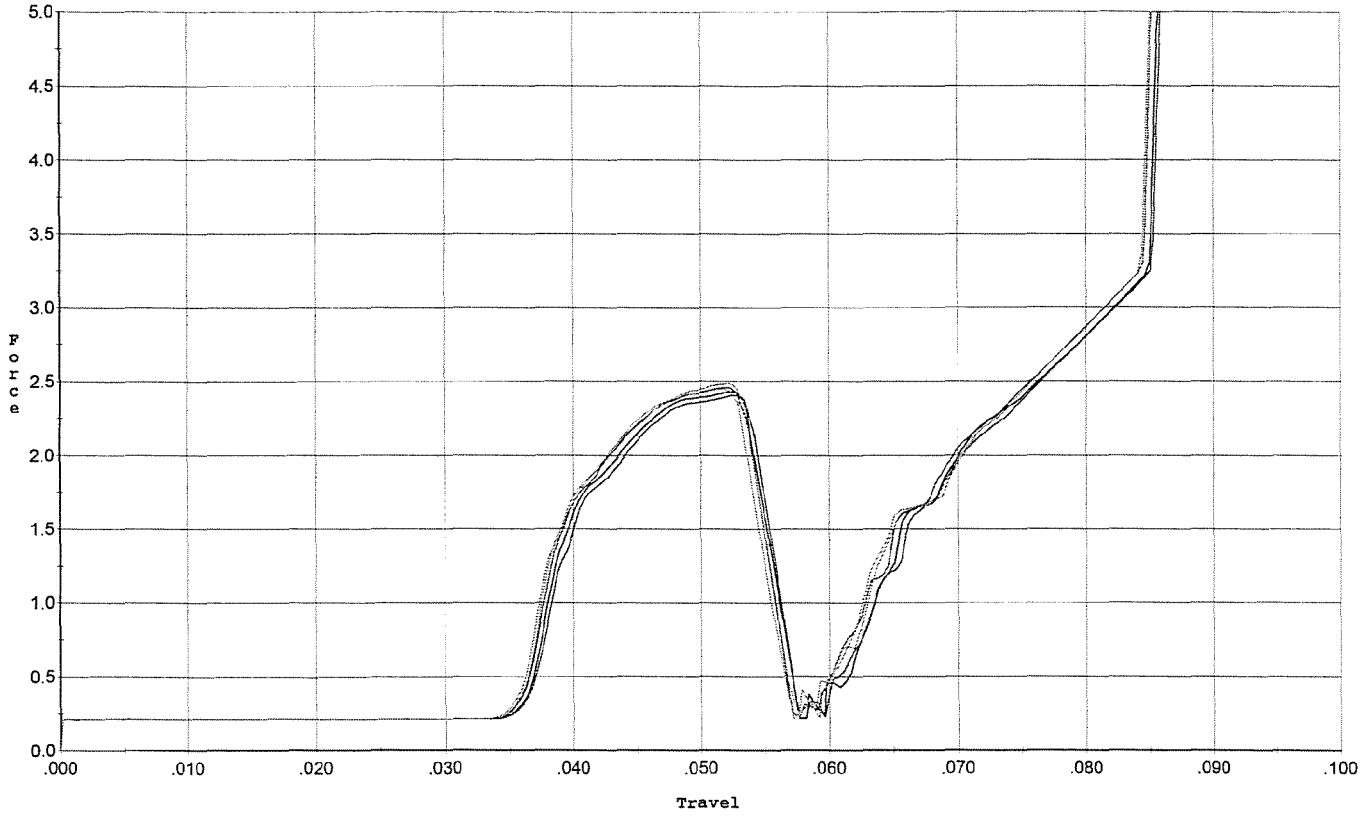
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.686	0.053	0.037	0.037	0.047		Set Trigger
2	2.683	0.053	0.036	0.037	0.048		Set Trigger
3	2.652	0.053	0.035	0.036	0.047		Set Trigger
4	2.688	0.052	0.035	0.037	0.047		Set Trigger
5	2.693	0.052	0.034	0.036	0.048		Set Trigger

Avg 2.68

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/8/2007 10:41:05 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 10/8/07		



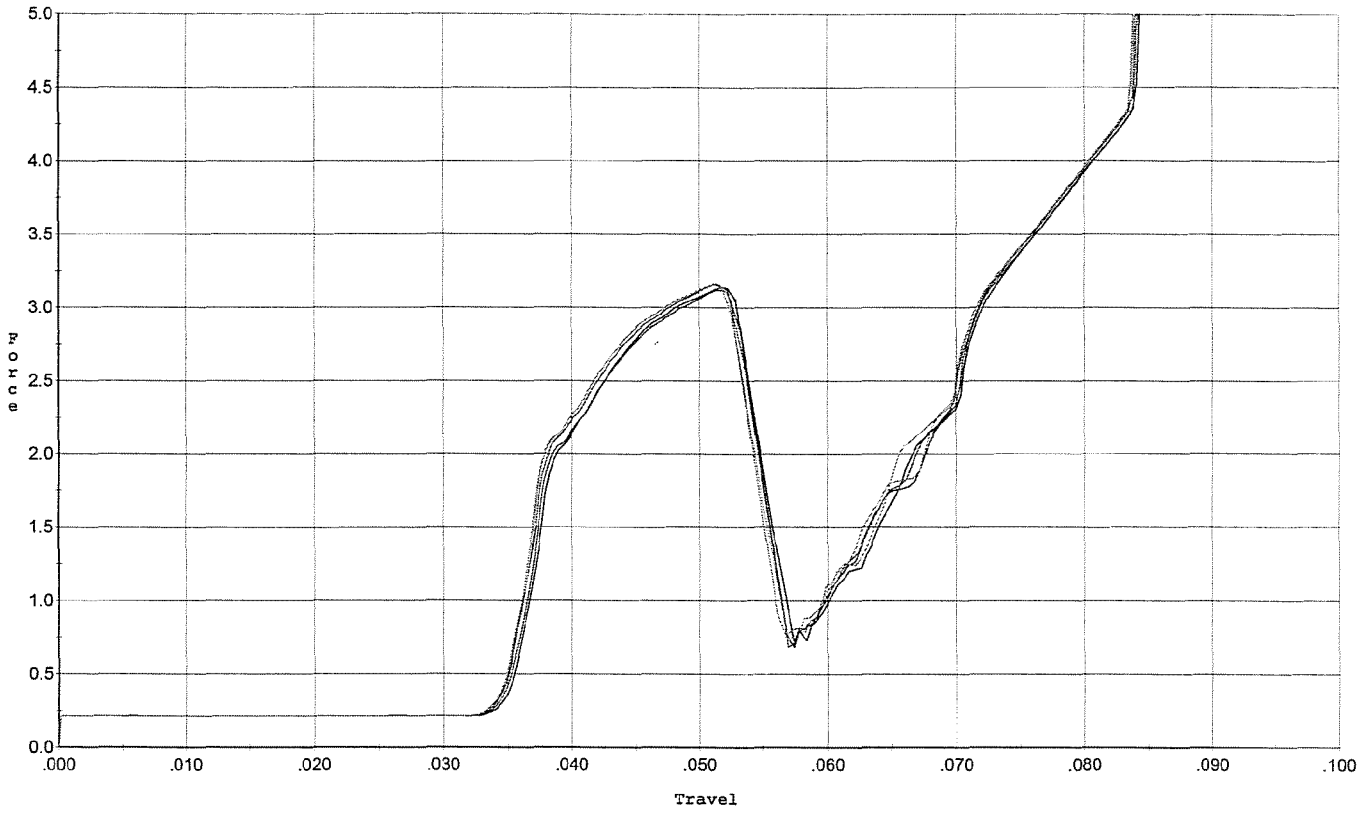
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.406	0.054	0.037	0.037	0.043		Set Trigger
2	2.433	0.055	0.037	0.037	0.045		Set Trigger
3	2.458	0.054	0.036	0.037	0.044		Set Trigger
4	2.449	0.053	0.036	0.037	0.043		Set Trigger
5	2.488	0.053	0.036	0.037	0.044		Set Trigger

Avg 2.44

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/8/2007 10:44:28 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 10/8/07		



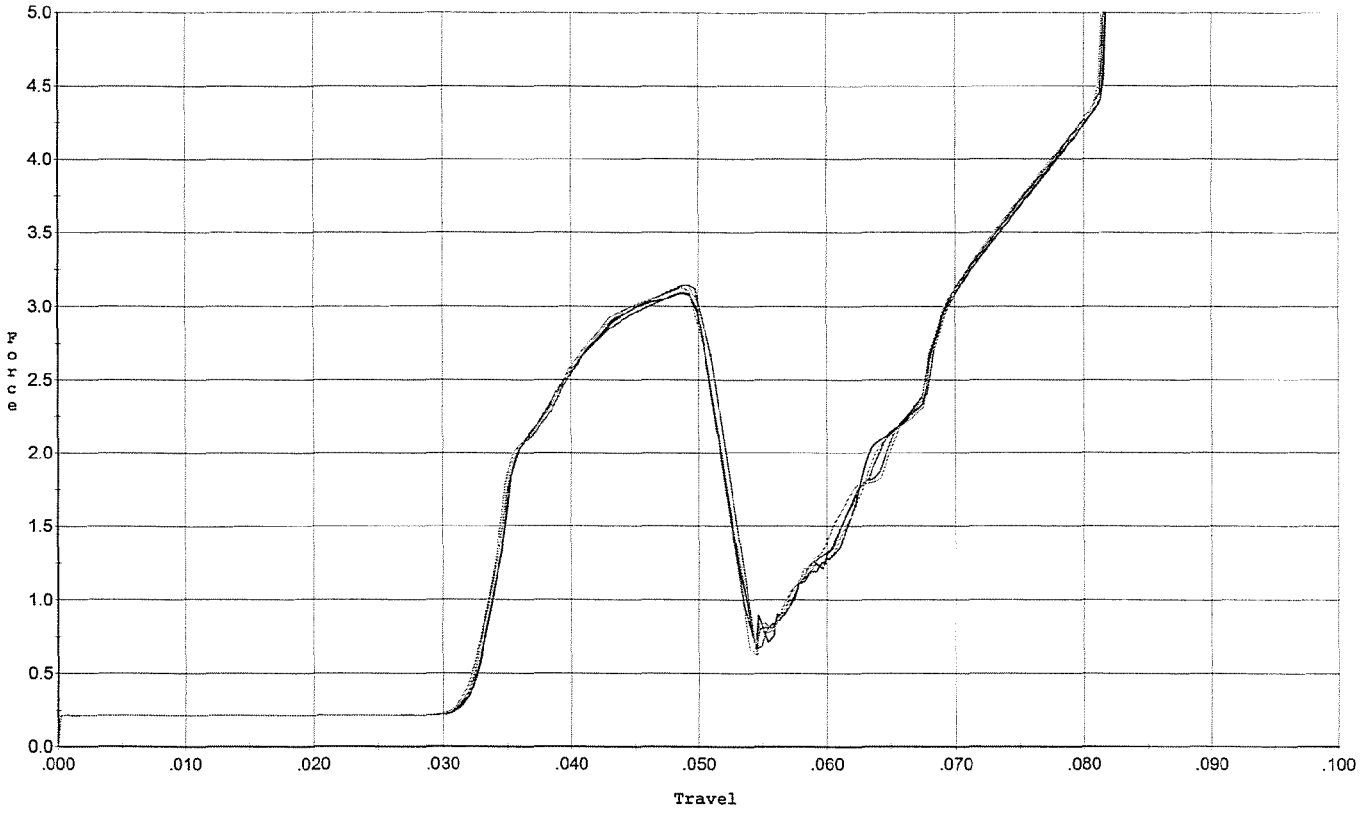
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.118	0.053	0.035	0.036	0.054		Set Trigger
2	3.136	0.053	0.035	0.036	0.054		Set Trigger
3	3.156	0.054	0.034	0.035	0.056		Set Trigger
4	3.166	0.052	0.034	0.035	0.054		Set Trigger
5	3.157	0.052	0.034	0.035	0.054		Set Trigger

Avg 3.14

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/8/2007 10:46:27 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 10/8/07		



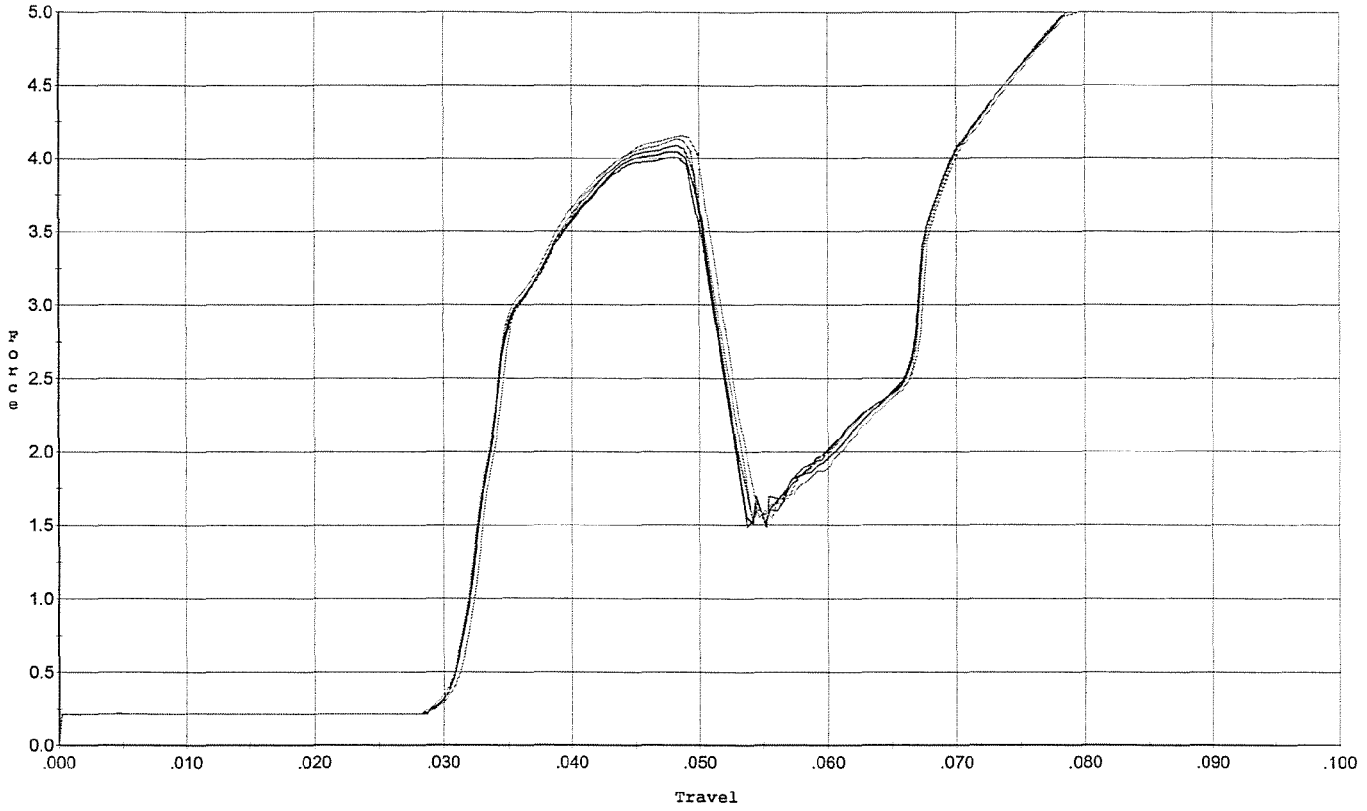
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.093	0.050	0.032	0.035	0.053		Set Trigger
2	3.090	0.050	0.032	0.035	0.053		Set Trigger
3	3.147	0.051	0.032	0.035	0.054		Set Trigger
4	3.142	0.050	0.032	0.035	0.053		Set Trigger
5	3.126	0.050	0.031	0.034	0.054		Set Trigger

AVG 3.12

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/8/2007 10:47:44 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 10/8/07		



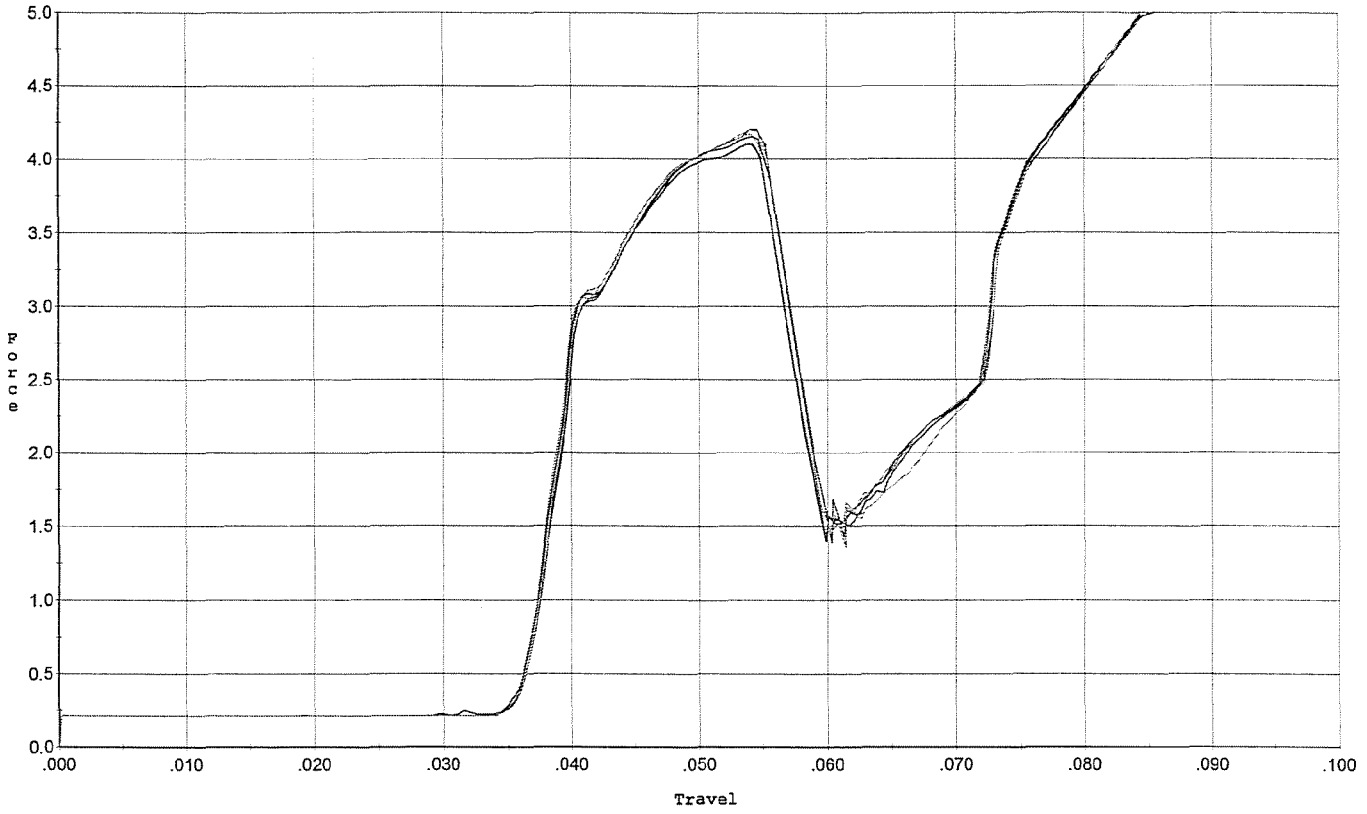
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.007	0.050	0.030	0.033	0.072		Set Trigger
2	4.045	0.050	0.030	0.033	0.071		Set Trigger
3	4.085	0.050	0.030	0.033	0.072		Set Trigger
4	4.155	0.050	0.031	0.033	0.073		Set Trigger
5	4.134	0.049	0.030	0.033	0.072		Set Trigger

Avg 4.08

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/8/2007 10:49:17 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 10/8/07		



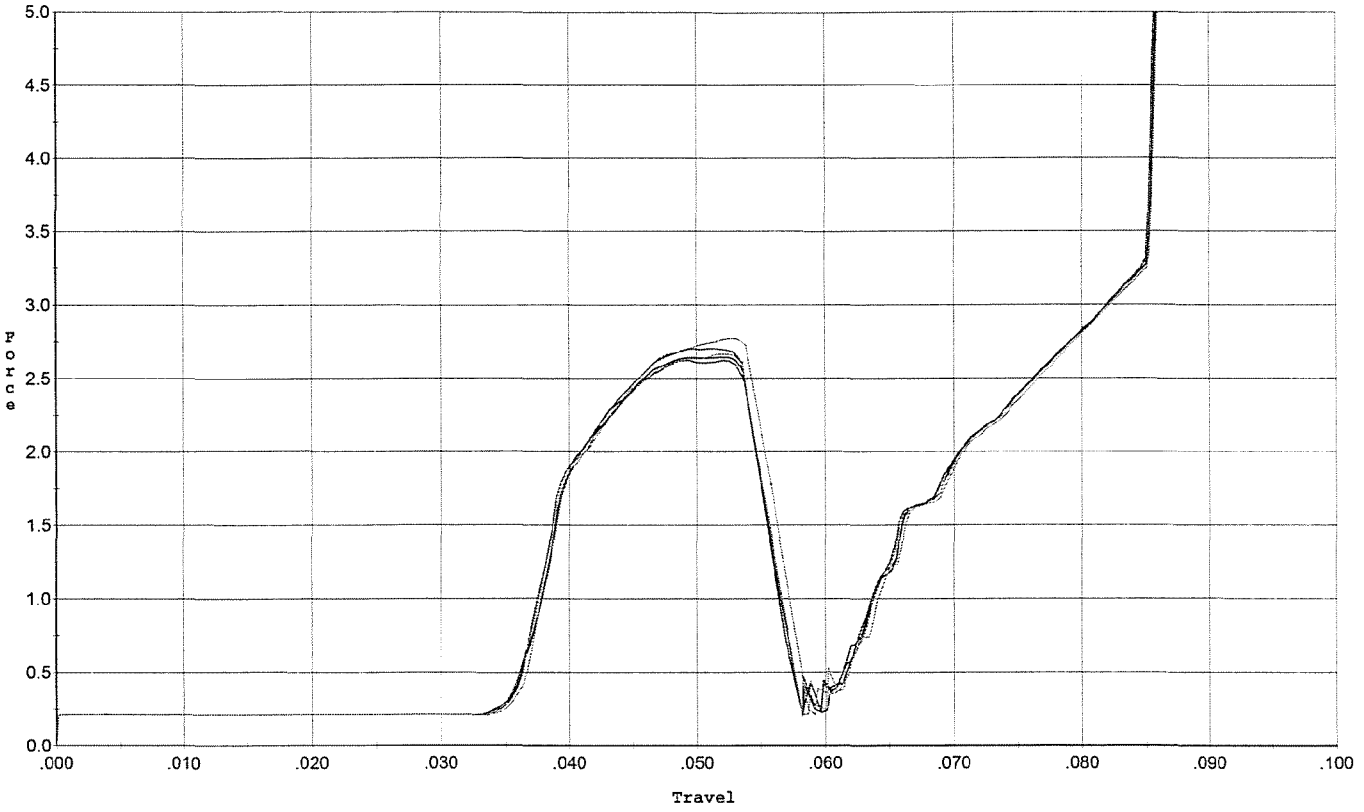
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.150	0.056	0.036	0.034	0.075		Set Trigger
2	4.101	0.055	0.036	0.035	0.073		Set Trigger
3	4.200	0.055	0.036	0.034	0.075		Set Trigger
4	4.169	0.055	0.036	0.035	0.074		Set Trigger
5	4.198	0.055	0.036	0.034	0.076		Set Trigger

AVG 4.16

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/8/2007 10:51:05 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 10/8/07		



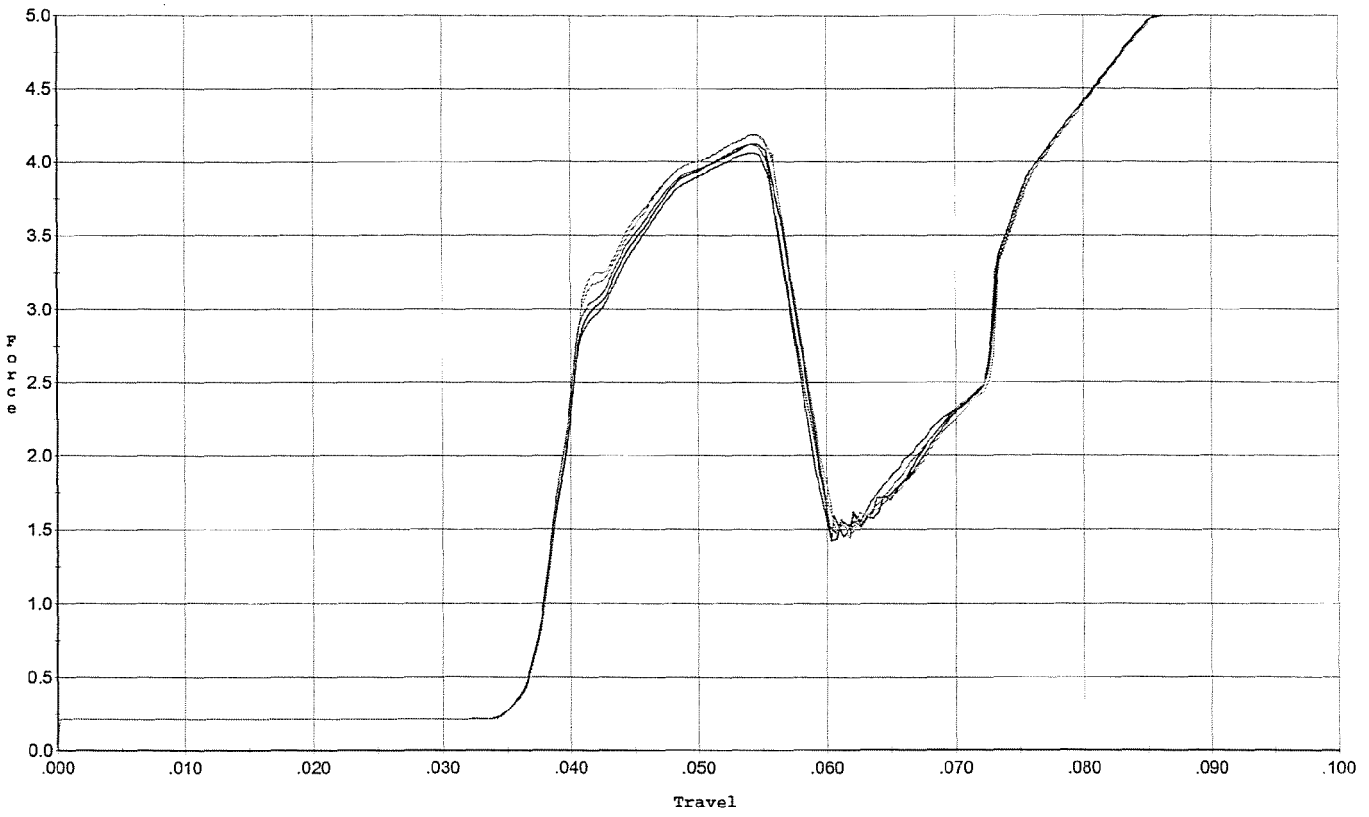
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.623	0.054	0.036	0.037	0.048		Set Trigger
2	2.647	0.054	0.036	0.037	0.048		Set Trigger
3	2.704	0.054	0.036	0.037	0.048		Set Trigger
4	2.667	0.054	0.036	0.037	0.048		Set Trigger
5	2.774	0.056	0.036	0.036	0.051		Set Trigger

Avg 2.68

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/8/2007 10:52:53 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 10/8/07		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.061	0.056	0.036	0.035	0.073		Set Trigger
2	4.123	0.057	0.036	0.034	0.076		Set Trigger
3	4.120	0.055	0.036	0.035	0.074		Set Trigger
4	4.182	0.056	0.036	0.034	0.077		Set Trigger
5	4.189	0.056	0.036	0.034	0.077		Set Trigger

Avg 4.13

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/8/2007 10:54:31 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6691416.__0
FILE DATE AND TIME: 10/11/2007 22:52

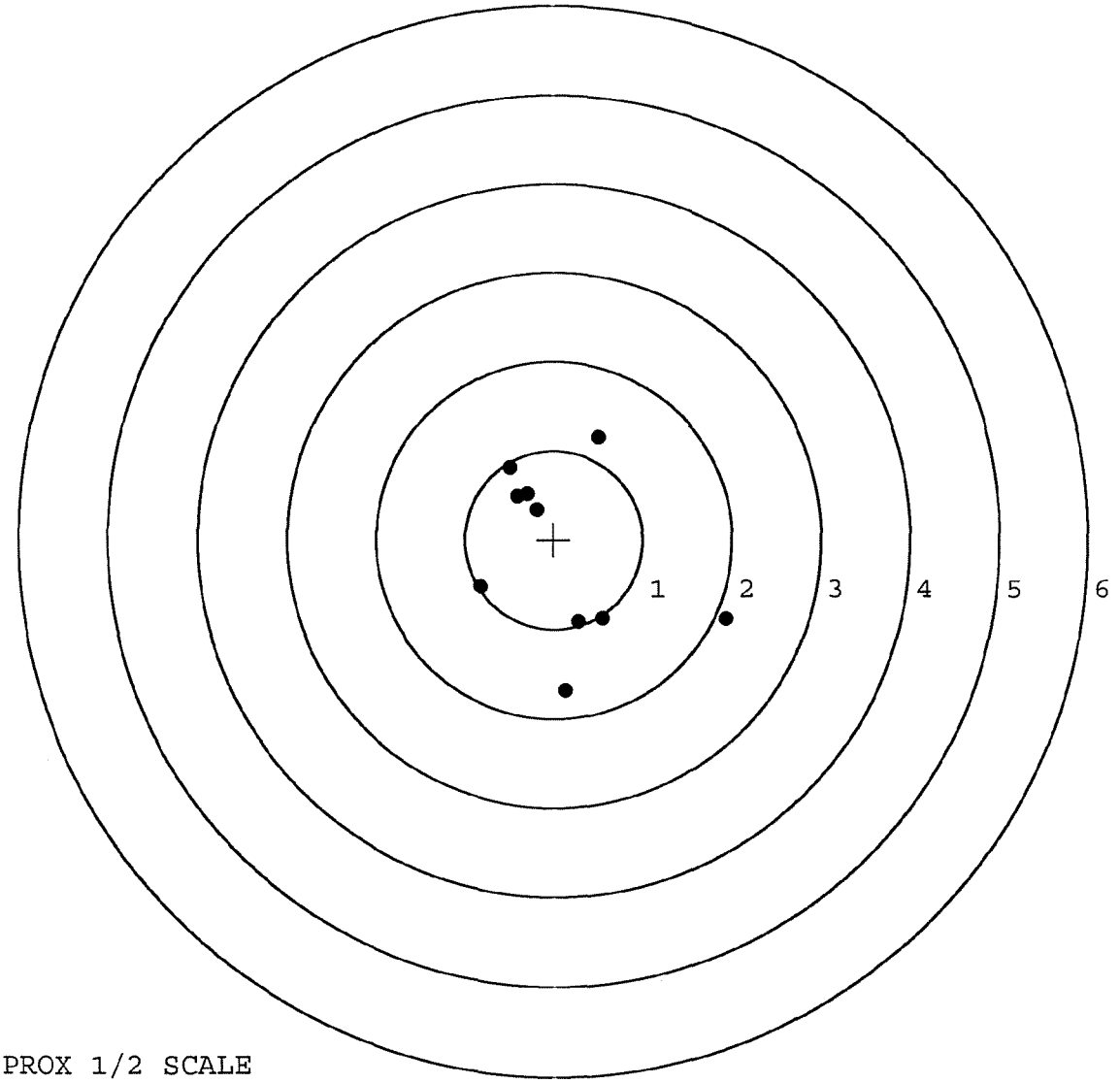
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.087
The Average Y Centroid of the Five Target Set:	-0.105
The Average Point of Impact of the Five Target Set:	0.136
The Average Mean Radius of the Five Target Set:	0.775
The Distance from POA to Centroid Target #1:	0.199
The Distance from Centroid Target #2 to Centroid Target #1:	0.253
The Distance from Centroid Target #3 to Centroid Target #1:	0.237
The Distance from Centroid Target #4 to Centroid Target #1:	0.273
The Distance from Centroid Target #5 to Centroid Target #1:	0.095

SERIAL NUMBER: G6691416.__0
TARGET NUMBER: 1
FILE DATE: 10/11/2007
FILE TIME: 22:52

X CENTROID:	0.118
Y CENTROID:	-0.160
POA TO CENTROID:	0.199
HORZ SPREAD:	2.752
VERT SPREAD:	2.841
GROUP SPREAD:	2.959
MIN RADIUS:	0.588
MAX RADIUS:	1.952
MEAN RADIUS:	1.086
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.491	0.813
2:	-0.412	0.489
3:	-0.193	0.339
4:	-0.823	-0.527
5:	0.275	-0.925
6:	0.553	-0.884
7:	0.132	-1.689
8:	1.929	-0.890
9:	0.511	1.152
10:	-0.297	0.520



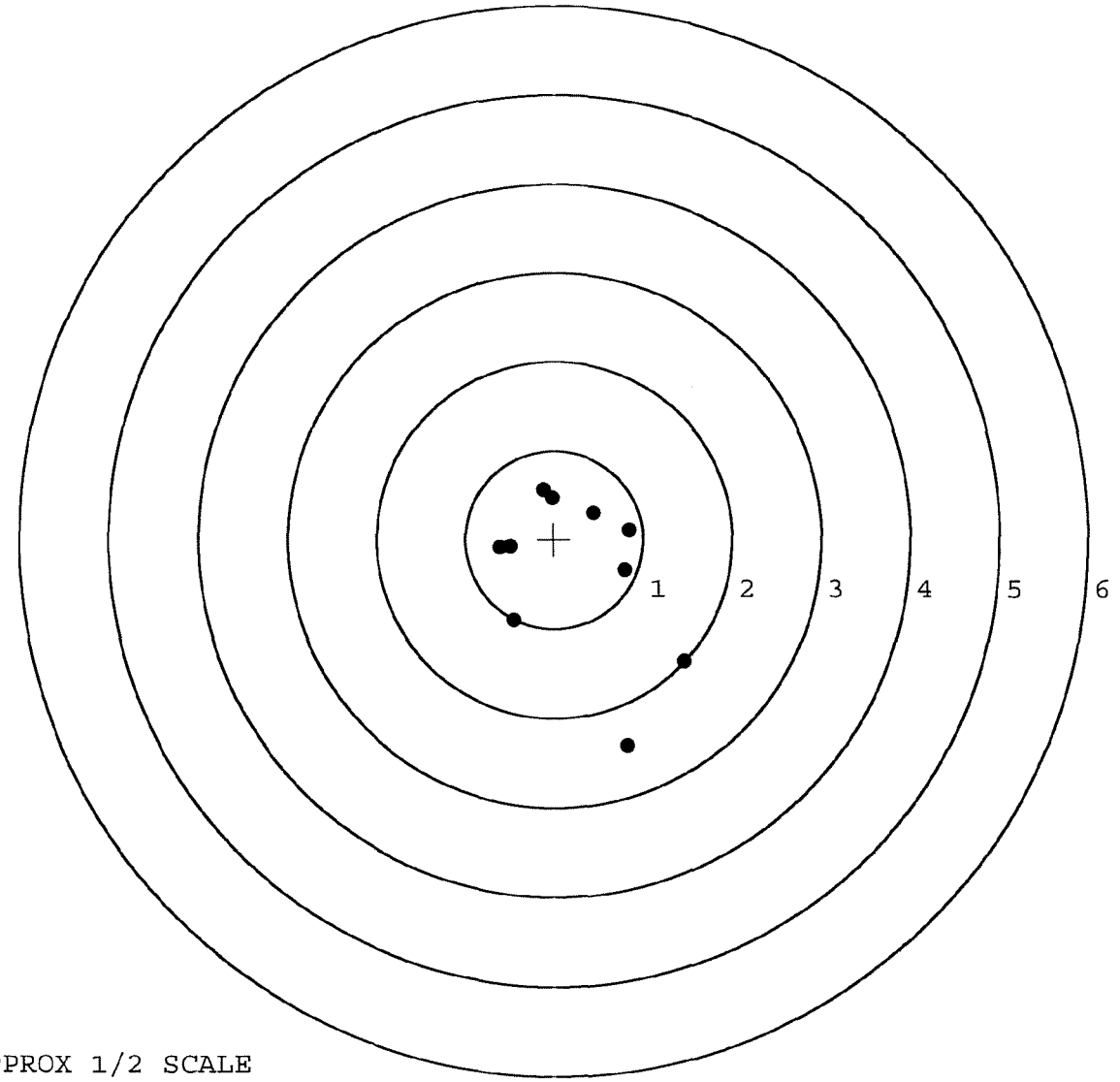
TARGET APPROX 1/2 SCALE

BARBER - M24 0176095

SERIAL NUMBER: G6691416.__0
TARGET NUMBER: 2
FILE DATE: 10/11/2007
FILE TIME: 22:52

X CENTROID:	0.266
Y CENTROID:	-0.366
POA TO CENTROID:	0.453
HORZ SPREAD:	2.072
VERT SPREAD:	2.872
GROUP SPREAD:	3.025
MIN RADIUS:	0.532
MAX RADIUS:	2.021
MEAN RADIUS:	1.007
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.125	0.564
2:	0.441	0.304
3:	0.841	0.113
4:	0.798	-0.345
5:	-0.490	-0.084
6:	-0.608	-0.098
7:	-0.455	-0.907
8:	0.824	-2.308
9:	1.464	-1.368
10:	-0.025	0.472



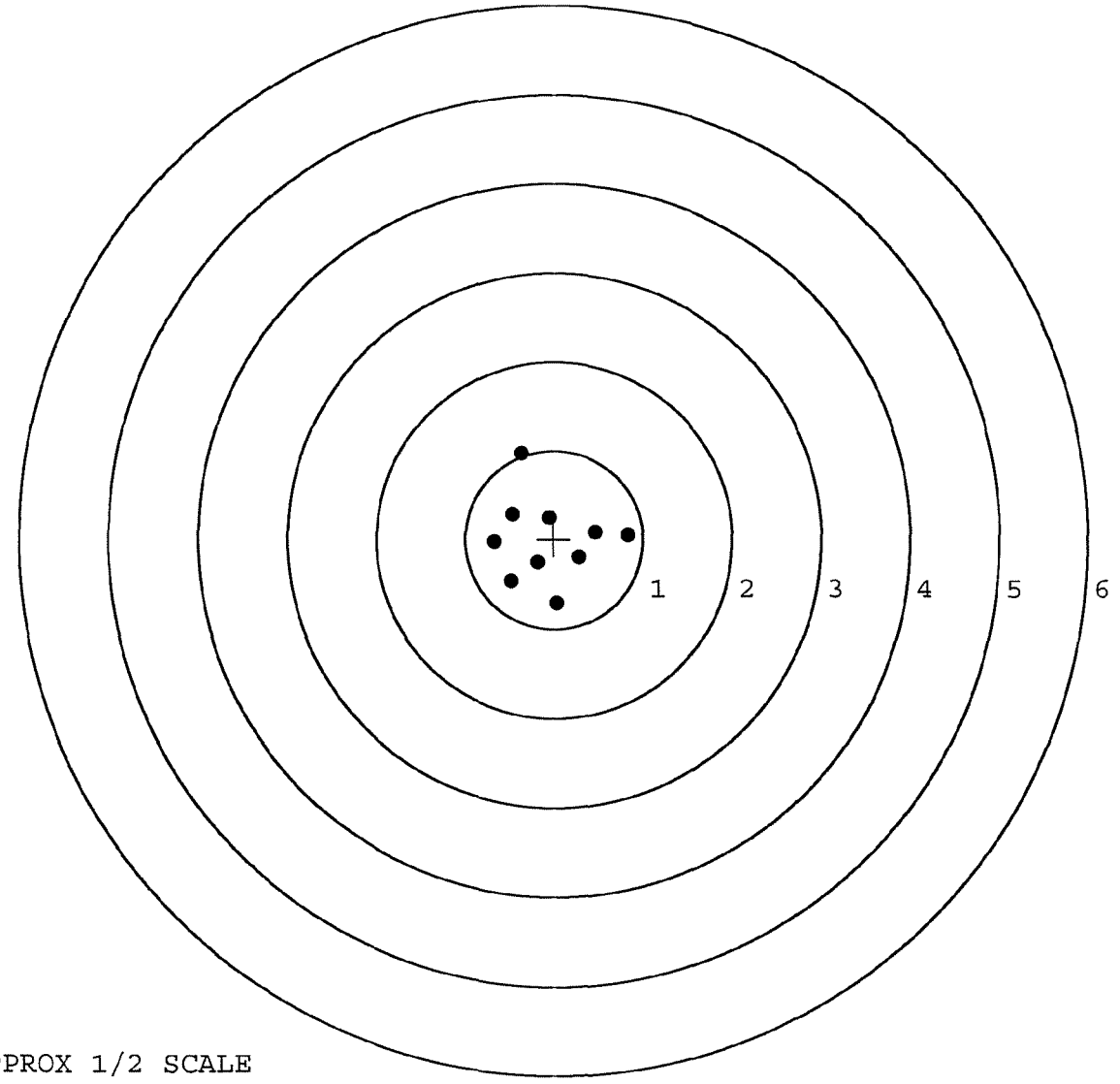
TARGET APPROX 1/2 SCALE

BARBER - M24 0176096

SERIAL NUMBER: G6691416.__0
TARGET NUMBER: 3
FILE DATE: 10/11/2007
FILE TIME: 22:52

X CENTROID:	-0.060
Y CENTROID:	-0.005
POA TO CENTROID:	0.060
HORZ SPREAD:	1.510
VERT SPREAD:	1.689
GROUP SPREAD:	1.733
MIN RADIUS:	0.247
MAX RADIUS:	1.022
MEAN RADIUS:	0.584
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.360	0.972
2:	-0.468	0.285
3:	-0.672	-0.027
4:	-0.048	0.242
5:	-0.181	-0.260
6:	0.282	-0.205
7:	0.464	0.081
8:	0.838	0.052
9:	0.027	-0.717
10:	-0.484	-0.469



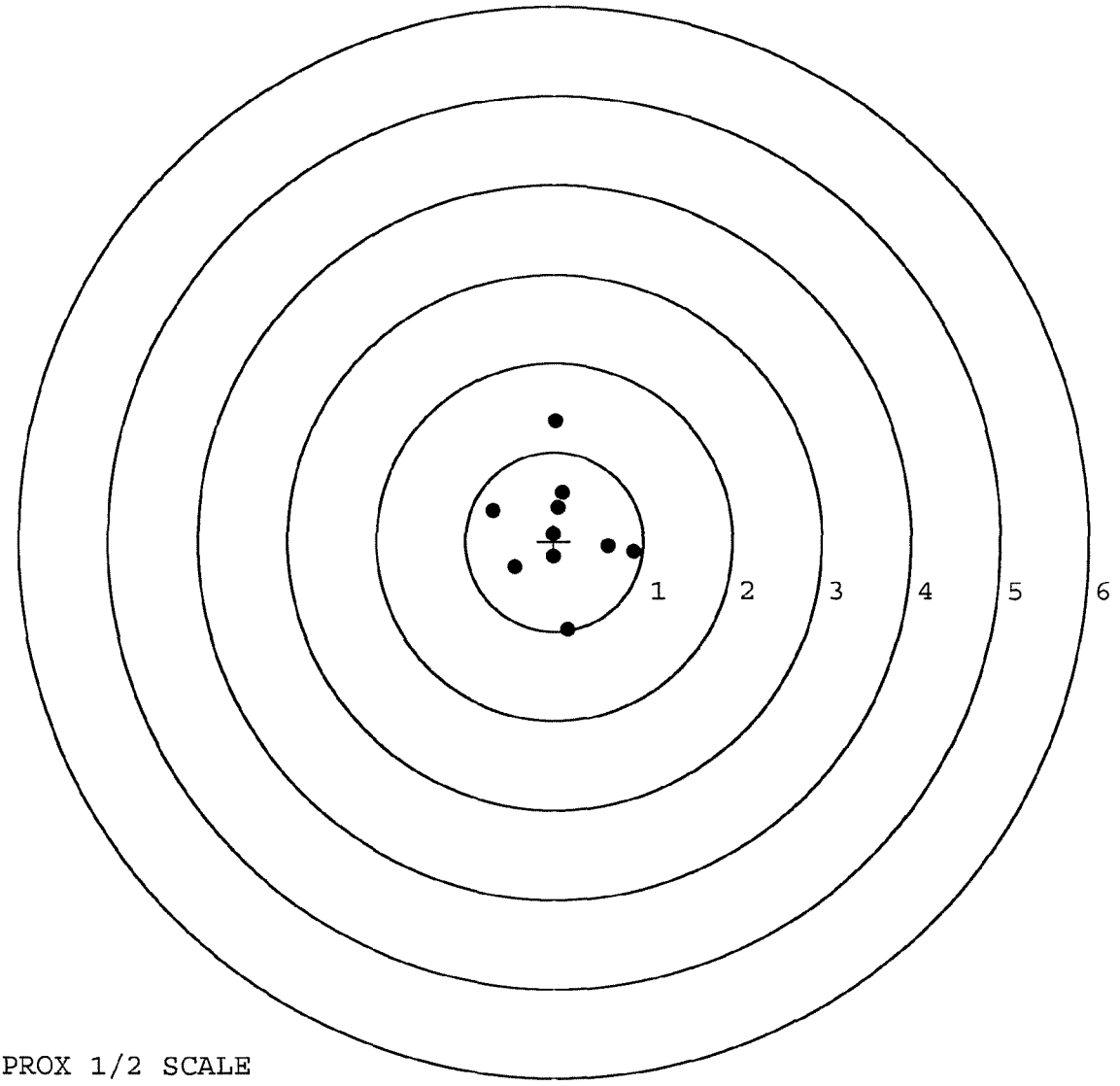
TARGET APPROX 1/2 SCALE

BARBER - M24 0176097

SERIAL NUMBER: G6691416.__0
TARGET NUMBER: 4
FILE DATE: 10/11/2007
FILE TIME: 22:52

X CENTROID:	0.067
Y CENTROID:	0.108
POA TO CENTROID:	0.126
HORZ SPREAD:	1.586
VERT SPREAD:	2.335
GROUP SPREAD:	2.339
MIN RADIUS:	0.082
MAX RADIUS:	1.241
MEAN RADIUS:	0.627
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.018	1.348
2:	0.099	0.540
3:	0.040	0.374
4:	0.608	-0.050
5:	0.899	-0.120
6:	-0.012	0.083
7:	-0.009	-0.168
8:	-0.441	-0.289
9:	-0.687	0.345
10:	0.150	-0.987



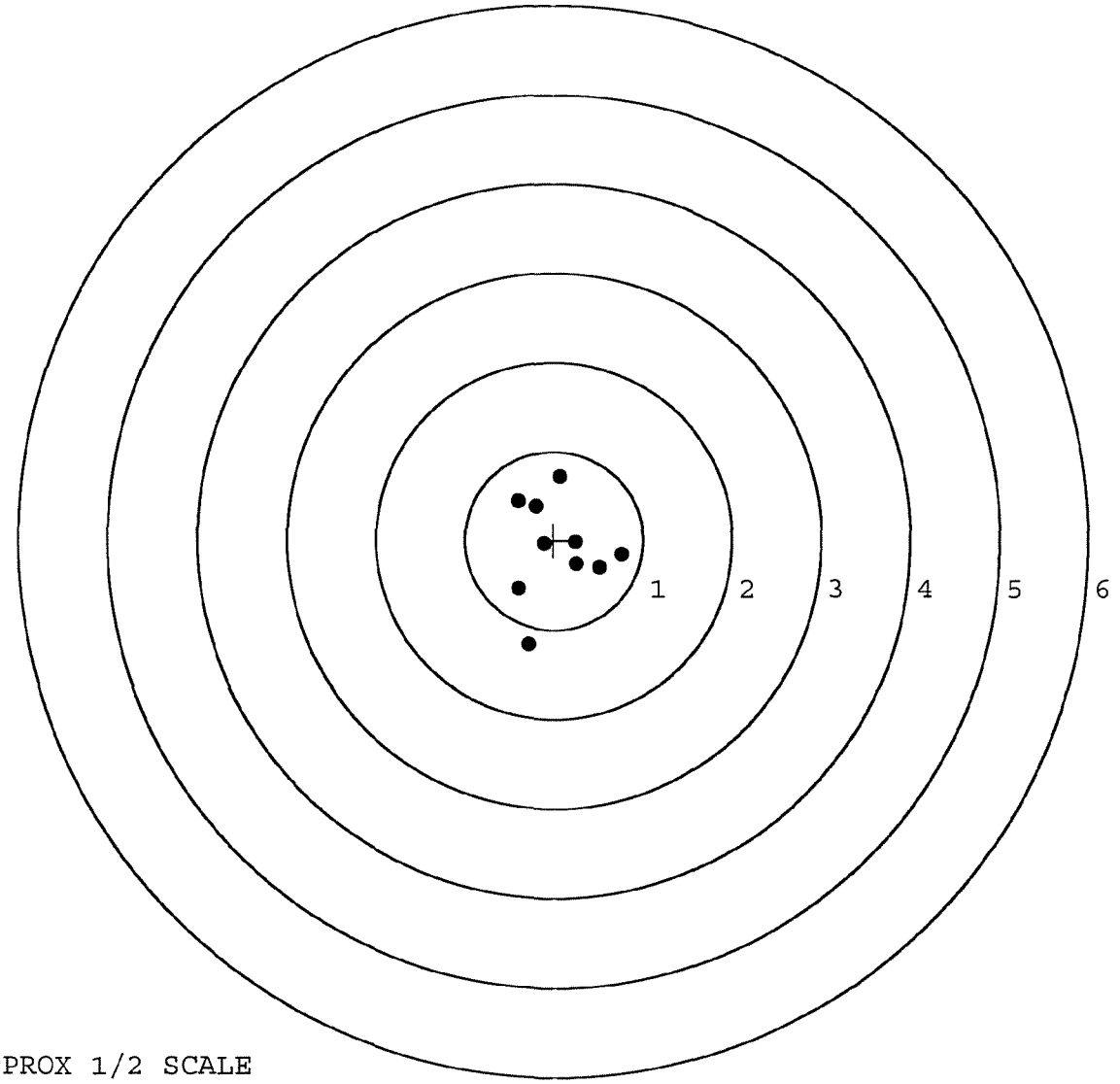
TARGET APPROX 1/2 SCALE

BARBER - M24 0176098

SERIAL NUMBER: G6691416.__0
TARGET NUMBER: 5
FILE DATE: 10/11/2007
FILE TIME: 22:52

X CENTROID:	0.045
Y CENTROID:	-0.100
POA TO CENTROID:	0.110
HORZ SPREAD:	1.169
VERT SPREAD:	1.889
GROUP SPREAD:	1.924
MIN RADIUS:	0.166
MAX RADIUS:	1.124
MEAN RADIUS:	0.571
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.070	0.717
2:	-0.203	0.382
3:	-0.403	0.439
4:	-0.111	-0.044
5:	0.251	-0.026
6:	0.258	-0.268
7:	0.515	-0.313
8:	0.766	-0.164
9:	-0.399	-0.550
10:	-0.293	-1.172



TARGET APPROX 1/2 SCALE