G678311

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

G6680311

owner registration sticker

0 47700 25716 7

G6680311

ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6680311

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 0175002 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6680311

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8/13/07	
420	ASSEMBLE ACTION		8-10-07	SD
430	ASSEMBLE TO STOCK		8/10/07	
440	PROOF	MAGNA - FLUX AUG 15 2007	8/10/07	
460	CHECK HEADSPACE		8/10/07	
470	DIS-ASSEMBLE ACTION		8/13/07	
480	MAGNAFLUX BBL ACTION	OPERATOR	8-15-07	
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-14-07	CW
510	DRILL AND TAP SIGHT HOLES		8-14-07	TRW
520	GOFF BLAST BBL / REC		8-15-07	
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/16/07	
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		8-27-07	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-27-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-27-07	SD
	D) OIL FIRING PIN ASSEMBLY		8/31/07	
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE **2.50 LBS +/- .5 LBS**			

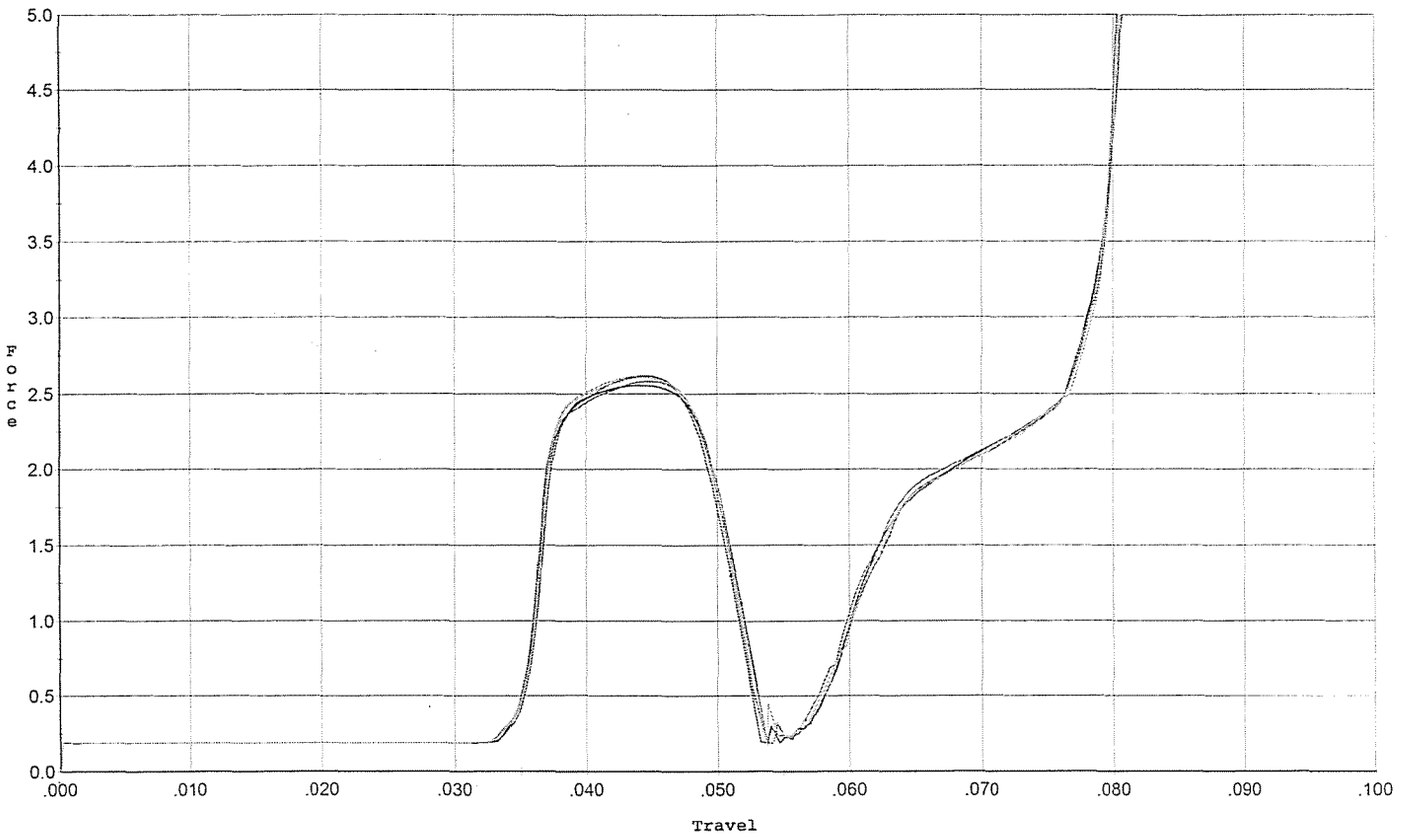
F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
	BARBER - M24 0175003			
560	F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX]	6 5 5	9-5-07	DA
CONT.	G) SAFETY OFF FORCE [2 LBS MIN]	4.5 4.0 4.5	9-5-07	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT [.020 MIN]	.024 .0235 .024	9-5-07	DA
	J) ASSEMBLE STOCK		8/31/07	
	K) ASSEMBLE SWIVEL STUDS		9-5-07	DA
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-5-07	RTZ
	M) IRON SIGHT ALIGNMENT		9-5-07	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-5-07	RTZ
640 &	FUNCTION TEST AND	(PASS) FAIL		
650	TARGET	(PASS) FAIL	9-1-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-1-07	DK
670	FINAL INSPECTION A) HEADSPACE		9-5-07	RTZ
	B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS]	2.64 2.62 2.47 2.36 2.56	9/4/07	RP
	C) FUNCTION			
690	PACK		9-5-07	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 8/30/07		



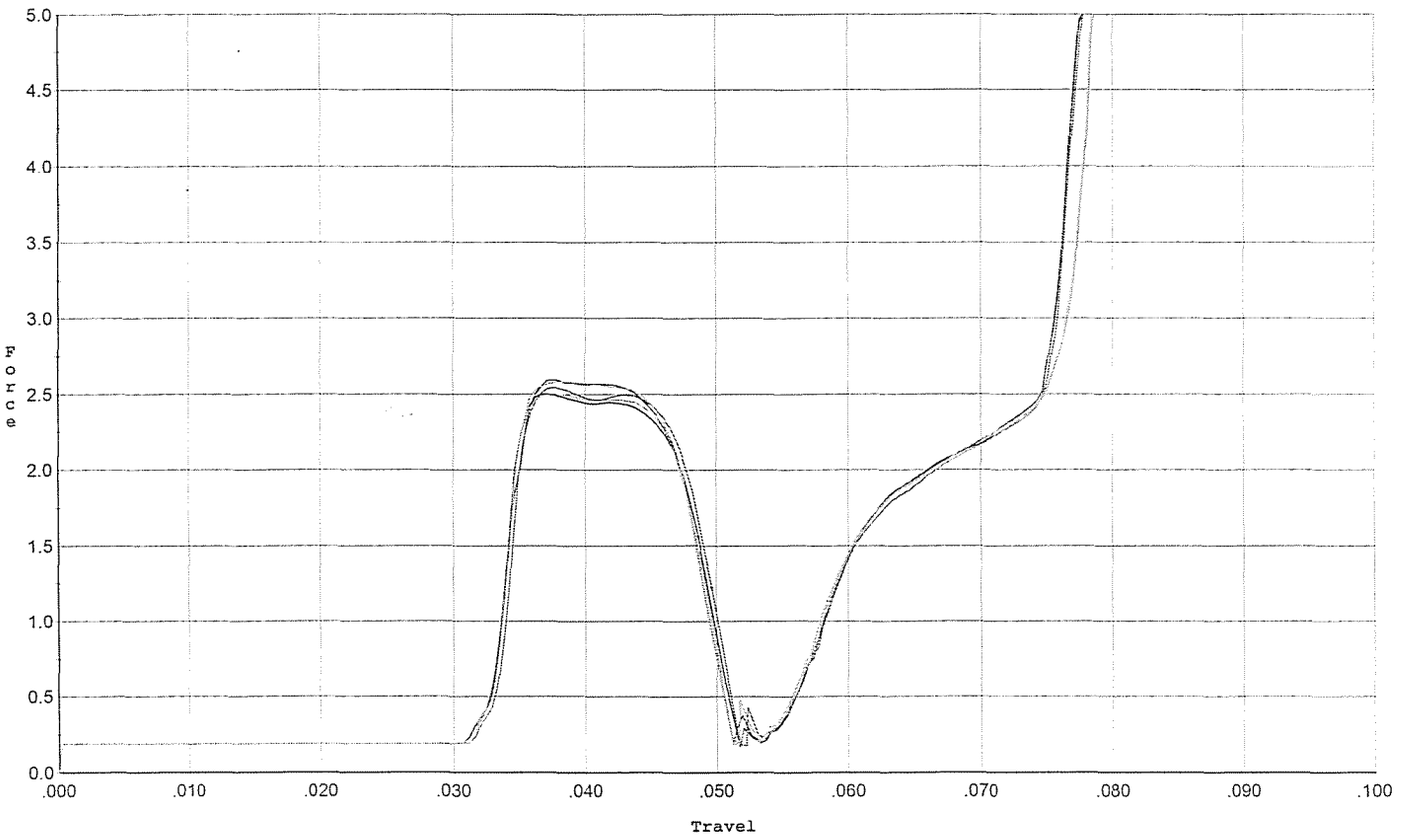
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.618	0.052	0.035	0.036	0.043		Set Trigger
2	2.555	0.051	0.034	0.036	0.042		Set Trigger
3	2.581	0.051	0.035	0.036	0.042		Set Trigger
4	2.612	0.050	0.035	0.036	0.042		Set Trigger
5	2.615	0.051	0.035	0.036	0.042		Set Trigger

Avg 2.59

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 8/30/2007 8:40:40 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 8/30/07		



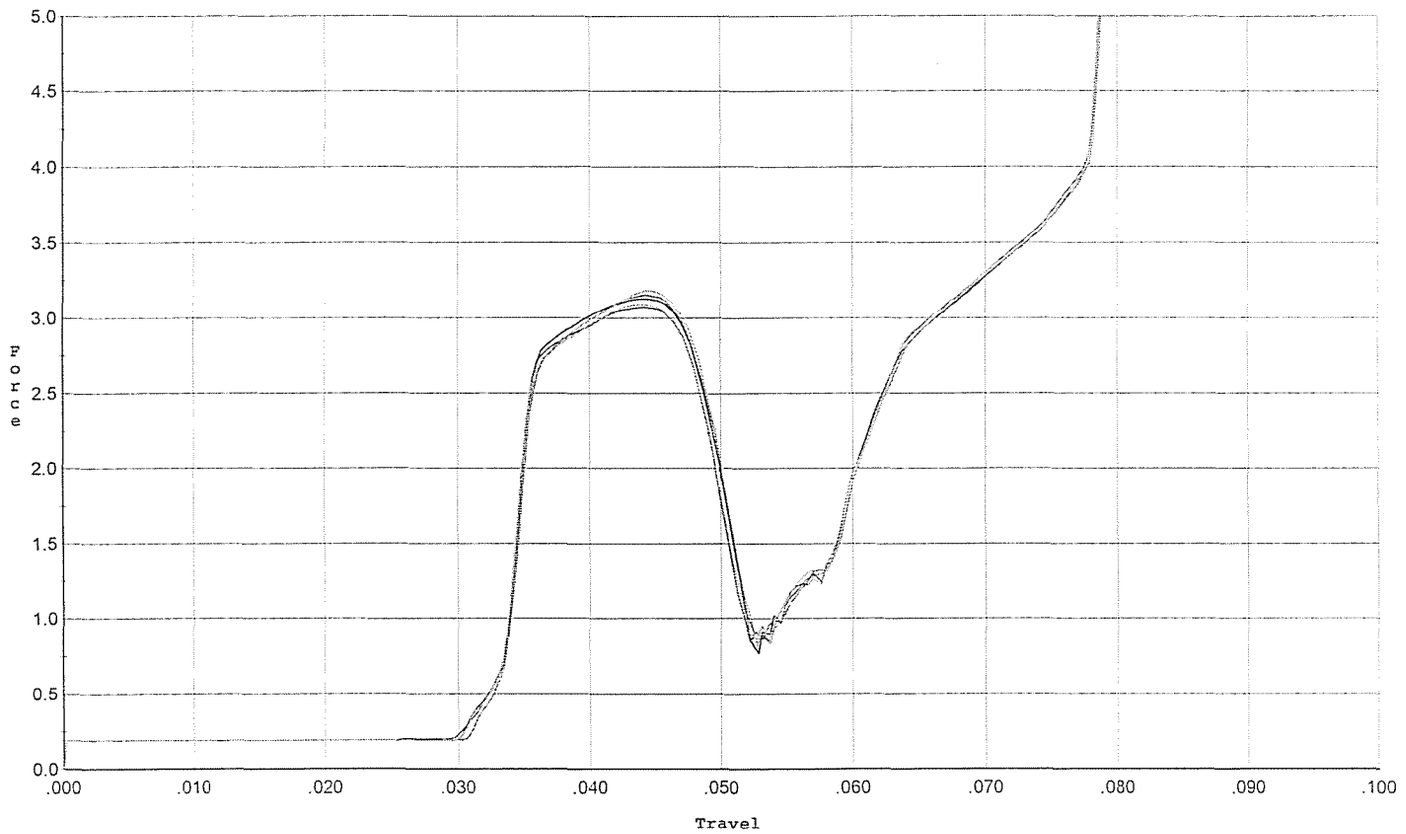
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.593	0.048	0.032	0.035	0.041		Set Trigger
2	2.499	0.049	0.032	0.034	0.041		Set Trigger
3	2.543	0.050	0.032	0.034	0.043		Set Trigger
4	2.582	0.048	0.032	0.035	0.041		Set Trigger
5	2.501	0.049	0.032	0.035	0.042		Set Trigger

Avg 2.54

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 8/30/2007 8:42:23 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 8/30/07		



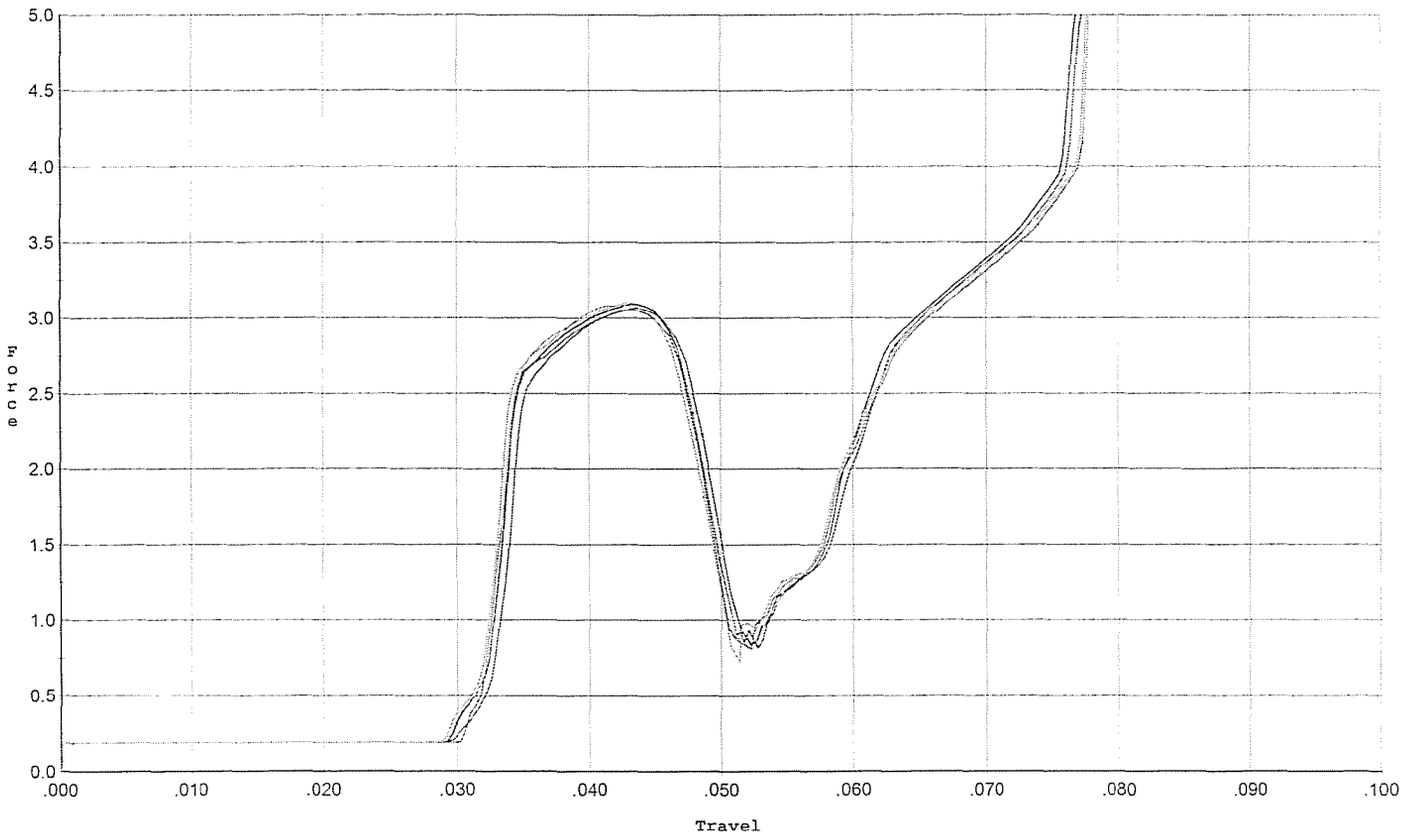
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.070	0.049	0.032	0.034	0.051		Set Trigger
2	3.127	0.050	0.031	0.034	0.053		Set Trigger
3	3.153	0.050	0.031	0.034	0.052		Set Trigger
4	3.092	0.049	0.031	0.034	0.051		Set Trigger
5	3.180	0.050	0.031	0.034	0.052		Set Trigger

Avg 3.12

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 8/30/2007 8:44:22 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 8/30/07		



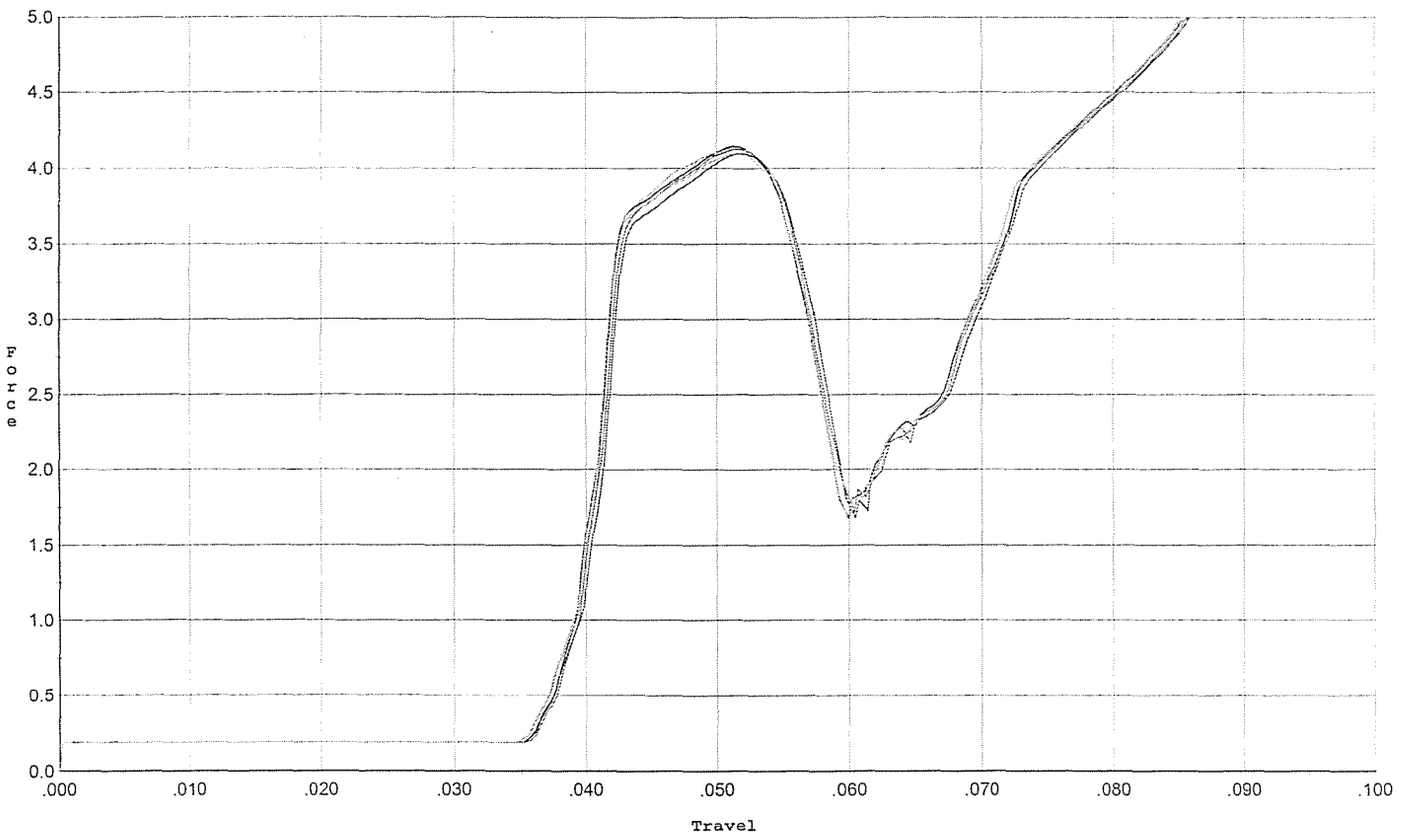
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.065	0.049	0.032	0.034	0.050		Set Trigger
2	3.098	0.048	0.030	0.033	0.050		Set Trigger
3	3.055	0.048	0.031	0.033	0.050		Set Trigger
4	3.101	0.048	0.030	0.033	0.051		Set Trigger
5	3.087	0.049	0.030	0.033	0.052		Set Trigger

Avg 3.08

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 8/30/2007 8:45:45 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 8/30/07		



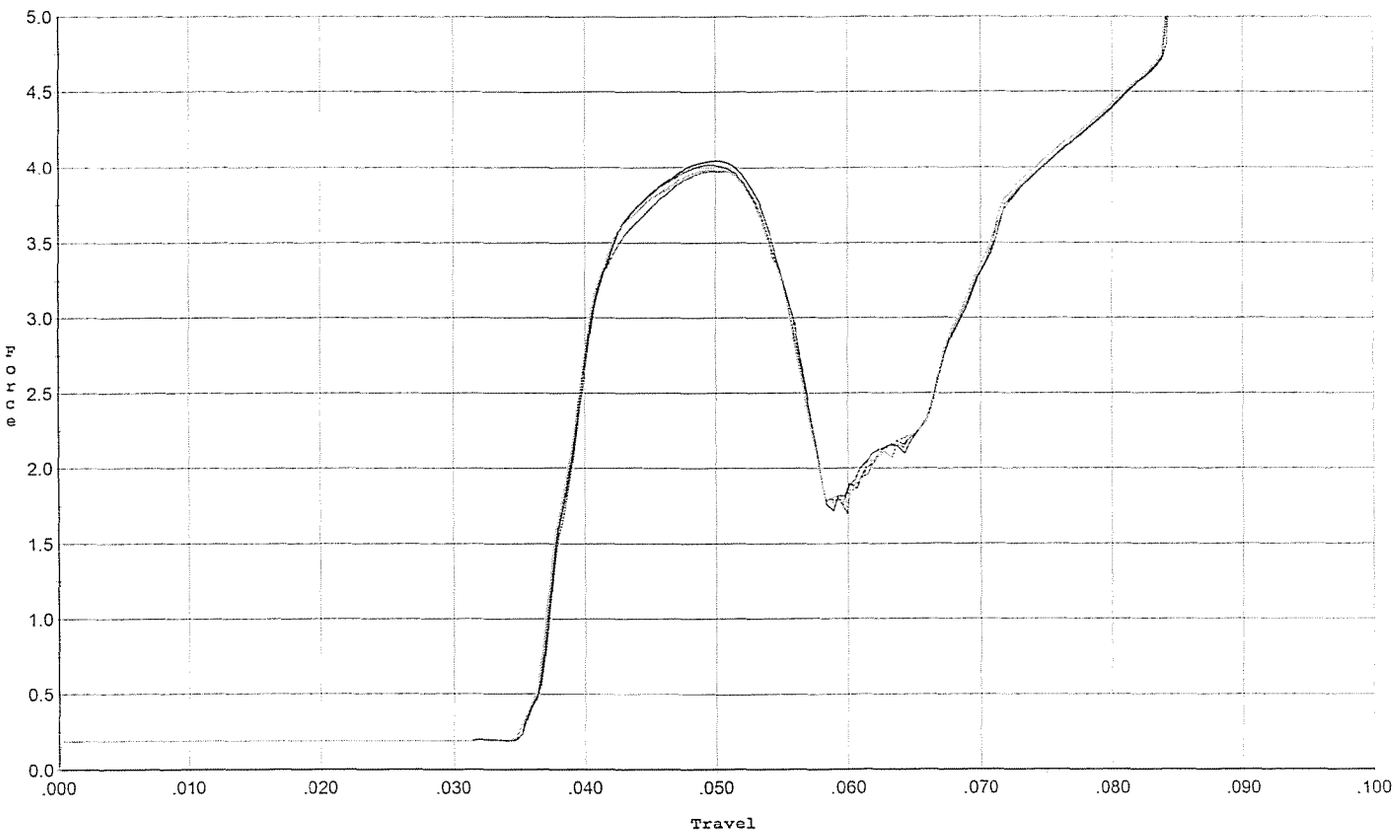
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.096	0.057	0.036	0.033	0.073		Set Trigger
2	4.146	0.057	0.036	0.033	0.073		Set Trigger
3	4.126	0.056	0.037	0.034	0.072		Set Trigger
4	4.093	0.057	0.036	0.033	0.073		Set Trigger
5	4.137	0.057	0.036	0.033	0.073		Set Trigger

AVG 4.12

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 8/30/2007 8:47:55 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 8/30/07		



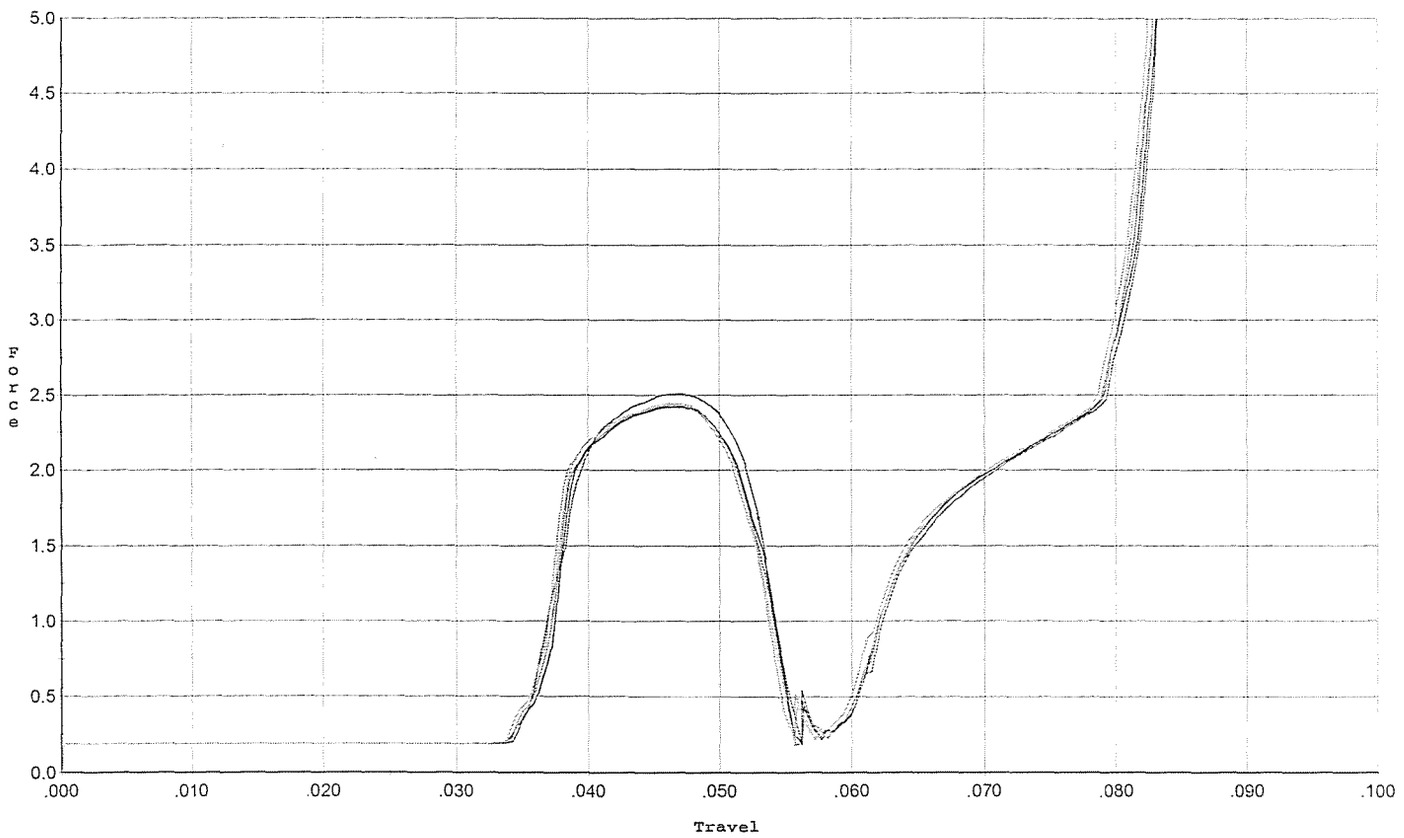
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.018	0.057	0.035	0.033	0.074		Set Trigger
2	4.045	0.056	0.035	0.033	0.074		Set Trigger
3	3.974	0.056	0.036	0.033	0.073		Set Trigger
4	3.985	0.055	0.035	0.034	0.072		Set Trigger
5	3.990	0.055	0.035	0.034	0.072		Set Trigger

Avg 4.00

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 8/30/2007 8:49:59 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 8/30/07		



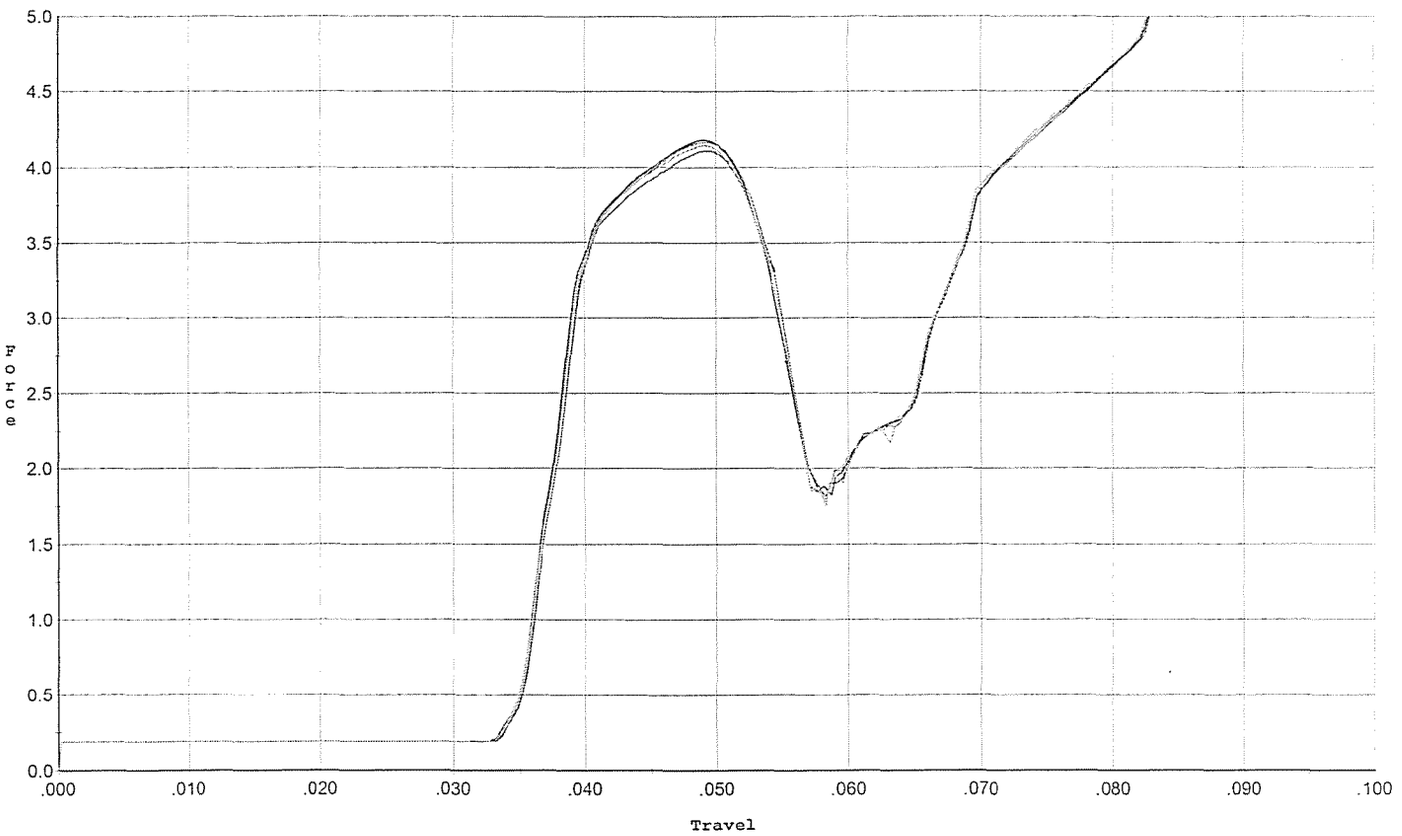
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.507	0.053	0.035	0.036	0.044		Set Trigger
2	2.422	0.053	0.035	0.037	0.043		Set Trigger
3	2.433	0.054	0.035	0.036	0.043		Set Trigger
4	2.439	0.053	0.034	0.036	0.043		Set Trigger
5	2.447	0.053	0.035	0.036	0.042		Set Trigger

Avg 2.45

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 8/30/2007 8:51:34 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 8/30/07		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.166	0.054	0.034	0.033	0.075		Set Trigger
2	4.182	0.055	0.034	0.033	0.077		Set Trigger
3	4.109	0.054	0.034	0.033	0.074		Set Trigger
4	4.145	0.055	0.034	0.033	0.076		Set Trigger
5	4.165	0.055	0.034	0.033	0.076		Set Trigger

AVG 4.15

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 8/30/2007 8:53:29 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6680311.__0
FILE DATE AND TIME: 09/04/2007 04:54

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

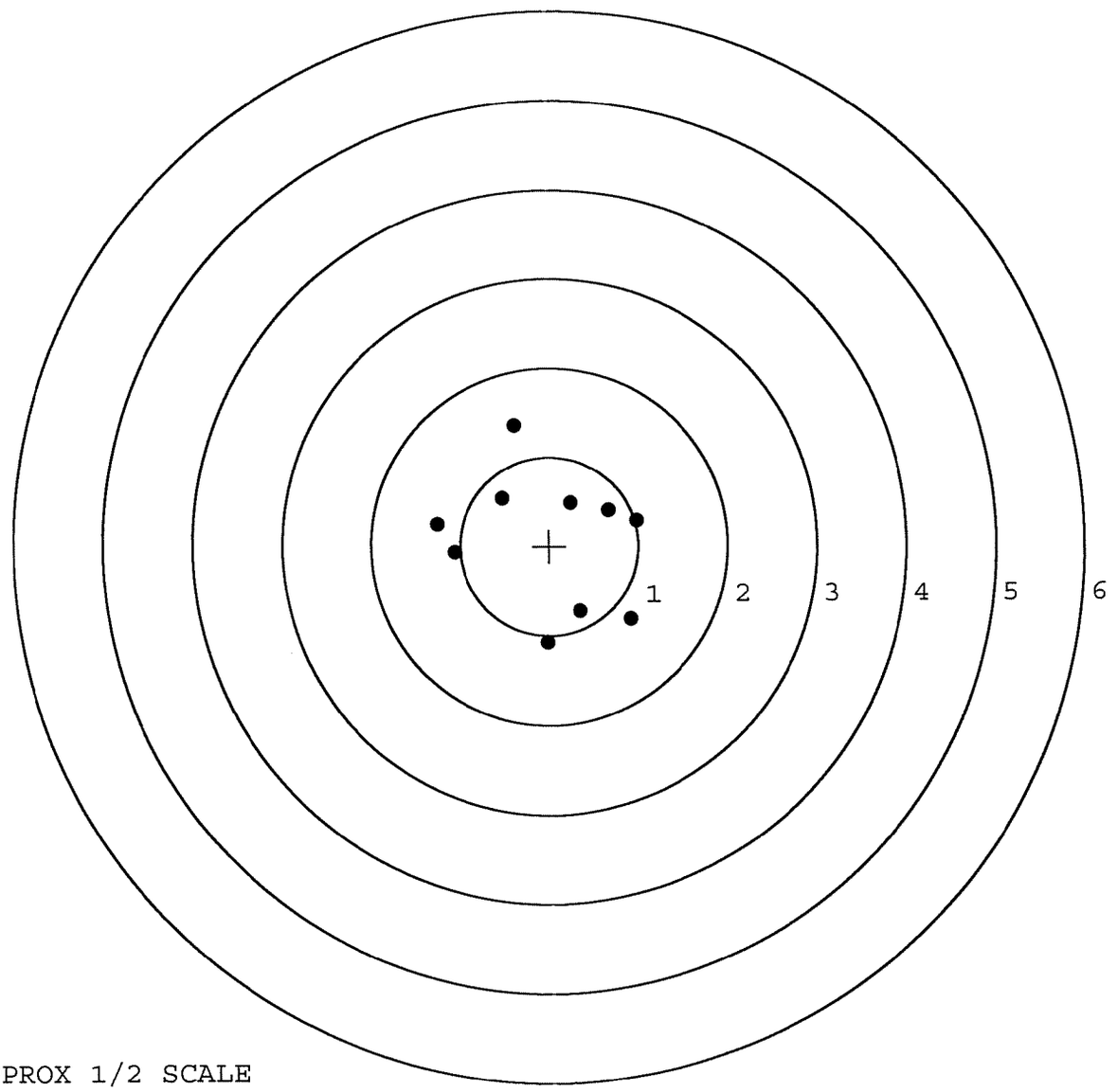
The Average X Centroid of the Five Target Set:	0.043
The Average Y Centroid of the Five Target Set:	0.091
The Average Point of Impact of the Five Target Set:	0.100
The Average Mean Radius of the Five Target Set:	0.829
The Distance from POA to Centroid Target #1:	0.058
The Distance from Centroid Target #2 to Centroid Target #1:	0.054
The Distance from Centroid Target #3 to Centroid Target #1:	0.360
The Distance from Centroid Target #4 to Centroid Target #1:	0.170
The Distance from Centroid Target #5 to Centroid Target #1:	0.172

BARBER - M24 0175013

SERIAL NUMBER: G6680311.__0
TARGET NUMBER: 1
FILE DATE: 09/04/2007
FILE TIME: 04:54

X CENTROID:	-0.010
Y CENTROID:	0.058
POA TO CENTROID:	0.058
HORZ SPREAD:	2.240
VERT SPREAD:	2.436
GROUP SPREAD:	2.543
MIN RADIUS:	0.494
MAX RADIUS:	1.352
MEAN RADIUS:	0.993
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.913	-0.830
2:	0.346	-0.739
3:	-0.031	-1.080
4:	-1.065	-0.069
5:	-1.254	0.250
6:	0.986	0.276
7:	0.667	0.397
8:	0.244	0.481
9:	-0.522	0.534
10:	-0.386	1.356



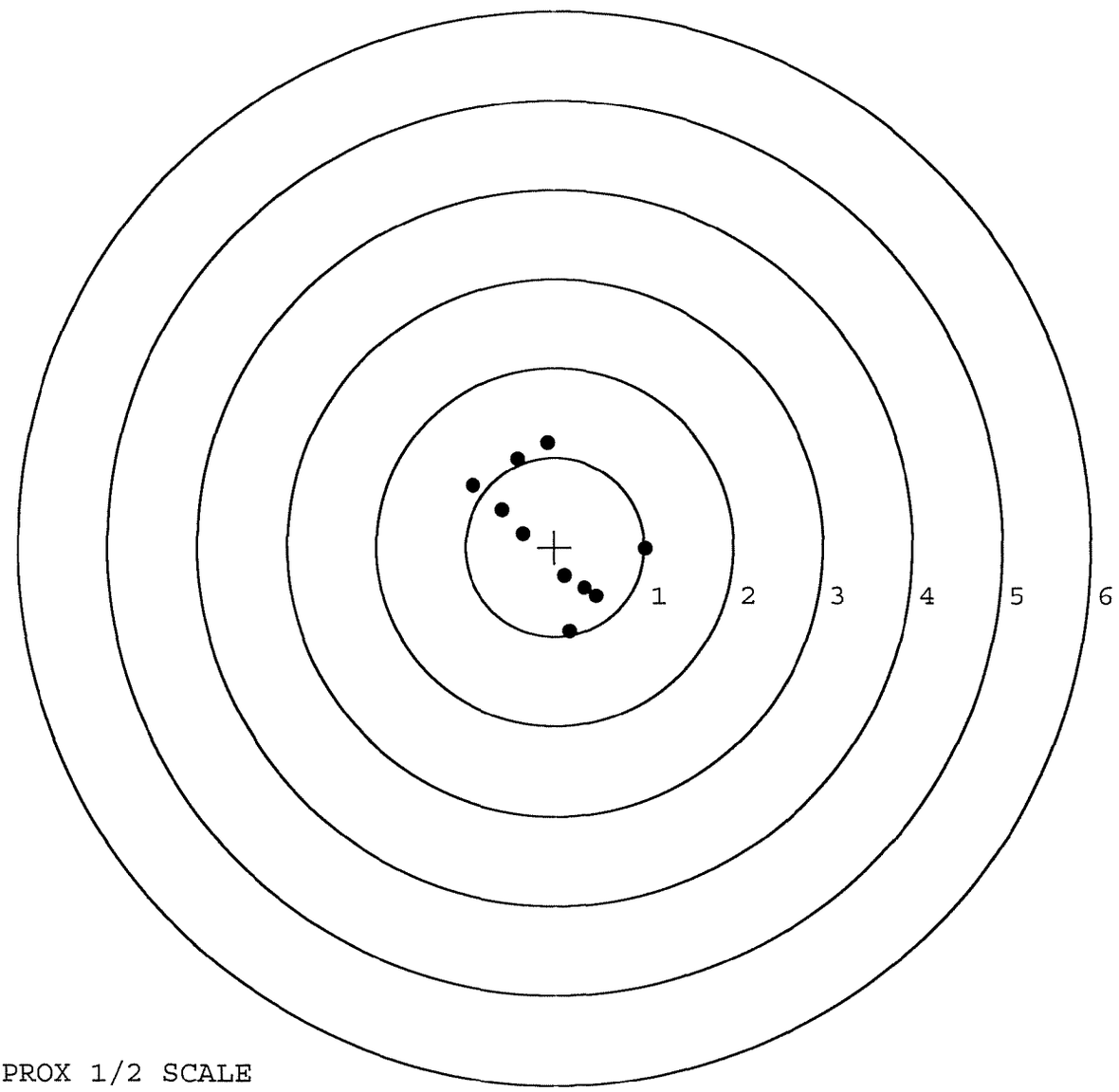
TARGET APPROX 1/2 SCALE

BARBER - M24 0175014

SERIAL NUMBER: G6680311.__0
TARGET NUMBER: 2
FILE DATE: 09/04/2007
FILE TIME: 04:54

X CENTROID:	-0.024
Y CENTROID:	0.110
POA TO CENTROID:	0.113
HORZ SPREAD:	1.934
VERT SPREAD:	2.114
GROUP SPREAD:	2.128
MIN RADIUS:	0.336
MAX RADIUS:	1.077
MEAN RADIUS:	0.813
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.074	1.164
2:	-0.410	0.985
3:	-0.915	0.682
4:	-0.592	0.420
5:	-0.358	0.151
6:	1.019	-0.021
7:	0.113	-0.321
8:	0.473	-0.550
9:	0.334	-0.458
10:	0.166	-0.950



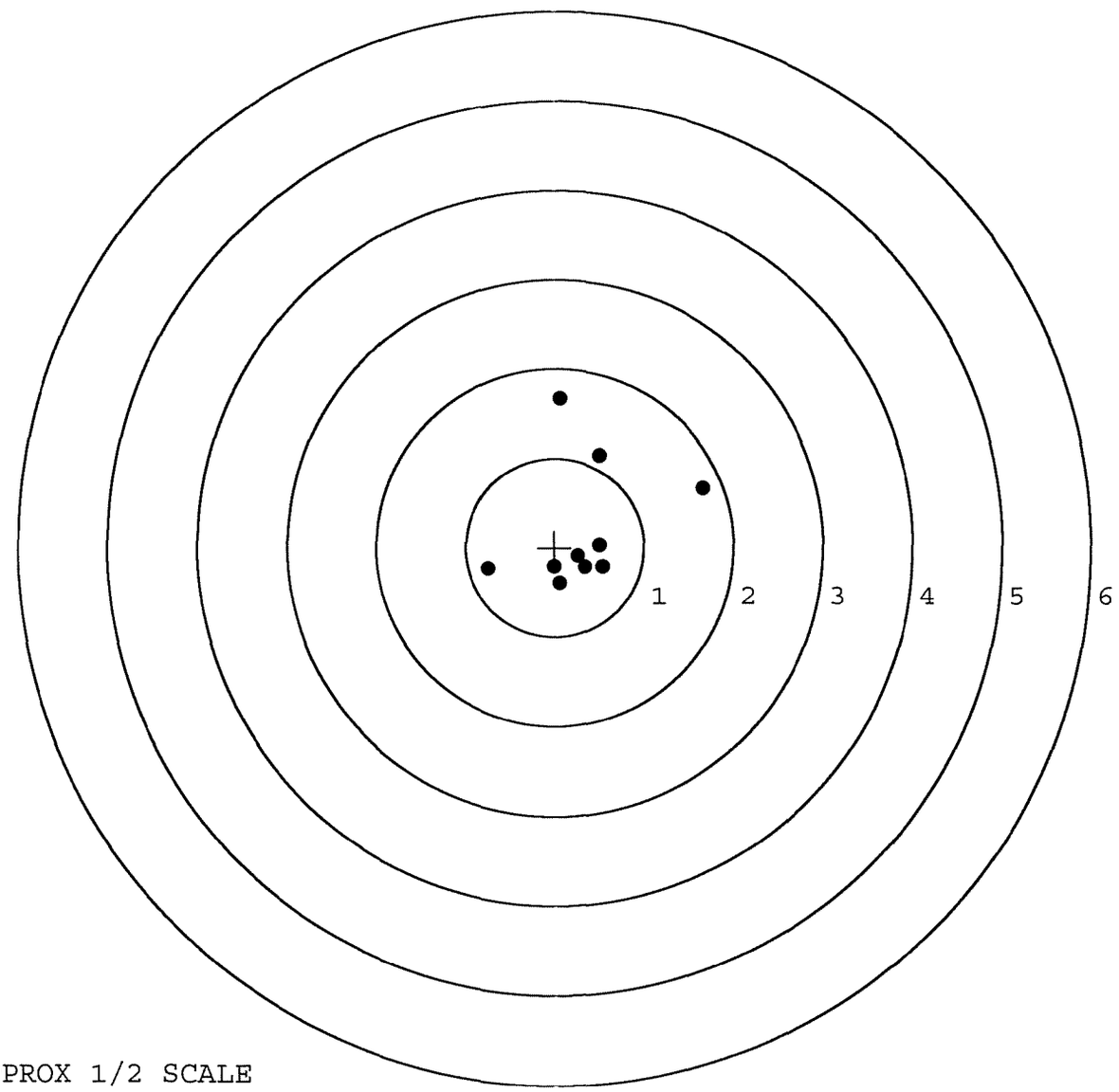
TARGET APPROX 1/2 SCALE

BARBER - M24 0175015

SERIAL NUMBER: G6680311.__0
TARGET NUMBER: 3
FILE DATE: 09/04/2007
FILE TIME: 04:54

X CENTROID:	0.320
Y CENTROID:	0.200
POA TO CENTROID:	0.377
HORZ SPREAD:	2.407
VERT SPREAD:	2.067
GROUP SPREAD:	2.067
MIN RADIUS:	0.254
MAX RADIUS:	1.486
MEAN RADIUS:	0.755
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.665	0.659
2:	0.508	1.031
3:	0.065	1.663
4:	-0.742	-0.235
5:	0.512	0.033
6:	0.541	-0.218
7:	0.264	-0.094
8:	0.345	-0.226
9:	-0.011	-0.214
10:	0.056	-0.404



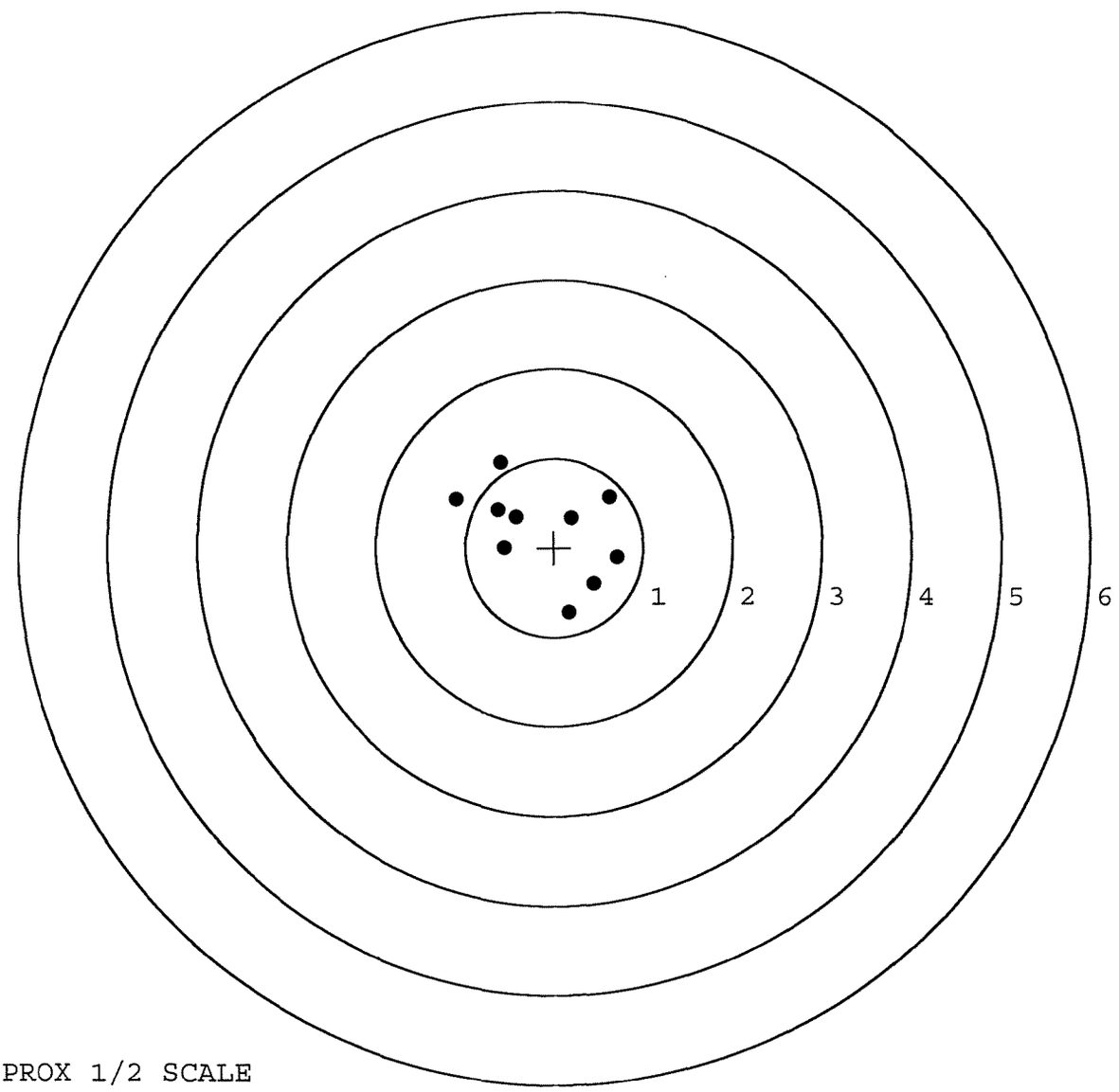
TARGET APPROX 1/2 SCALE

BARBER - M24 0175016

SERIAL NUMBER: G6680311.__0
TARGET NUMBER: 4
FILE DATE: 09/04/2007
FILE TIME: 04:54

X CENTROID:	-0.118
Y CENTROID:	0.190
POA TO CENTROID:	0.223
HORZ SPREAD:	1.813
VERT SPREAD:	1.682
GROUP SPREAD:	1.925
MIN RADIUS:	0.338
MAX RADIUS:	1.042
MEAN RADIUS:	0.716
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.594	0.955
2:	-1.101	0.534
3:	0.626	0.560
4:	0.190	0.331
5:	0.712	-0.112
6:	0.449	-0.406
7:	0.161	-0.727
8:	-0.556	0.004
9:	-0.431	0.341
10:	-0.631	0.421



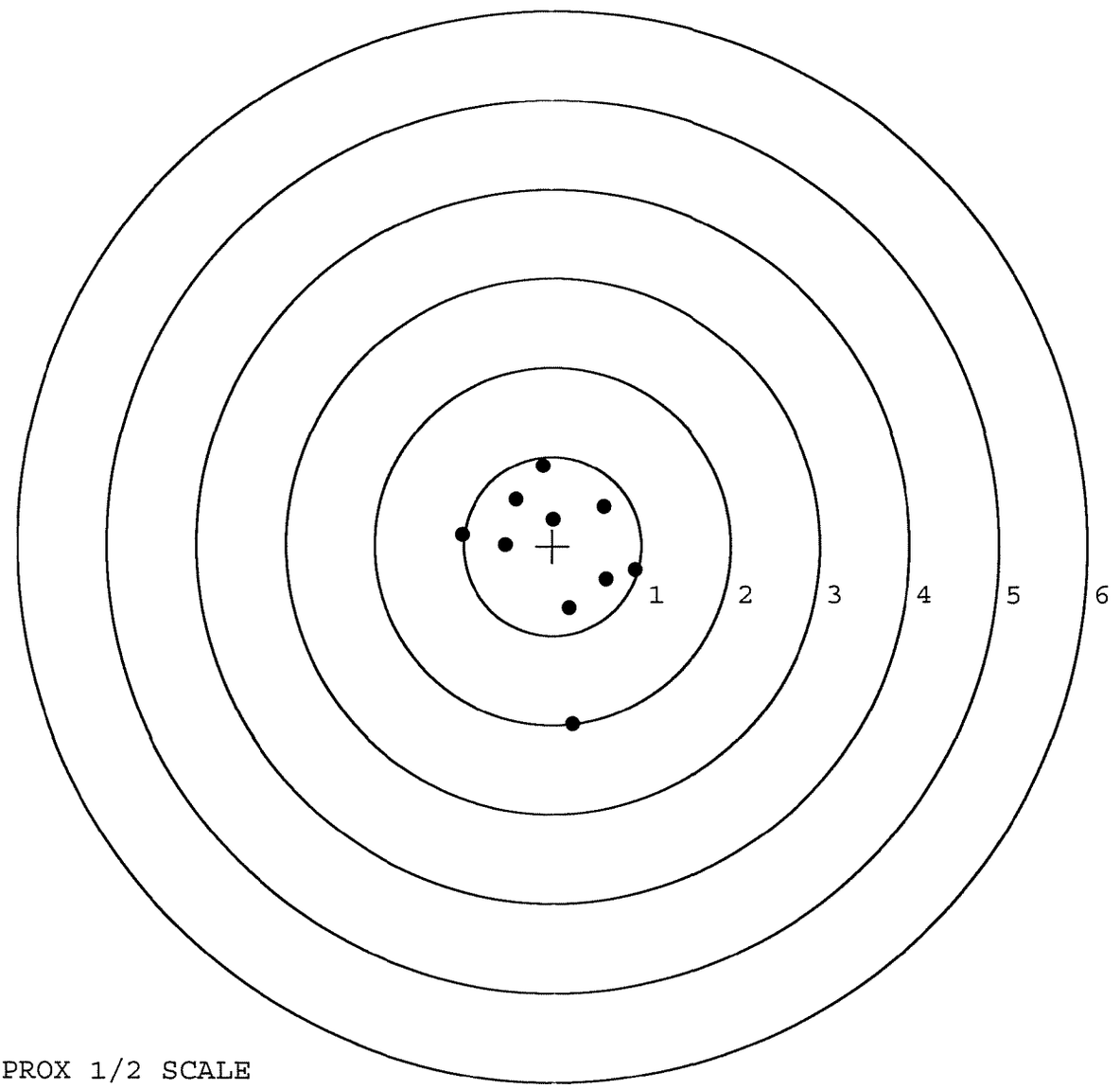
TARGET APPROX 1/2 SCALE

BARBER - M24 0175017

SERIAL NUMBER: G6680311.__0
TARGET NUMBER: 5
FILE DATE: 09/04/2007
FILE TIME: 04:54

X CENTROID:	0.047
Y CENTROID:	-0.105
POA TO CENTROID:	0.114
HORZ SPREAD:	1.947
VERT SPREAD:	2.891
GROUP SPREAD:	2.908
MIN RADIUS:	0.405
MAX RADIUS:	1.899
MEAN RADIUS:	0.866
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.101	0.895
2:	0.581	0.439
3:	0.007	0.298
4:	-0.413	0.521
5:	-0.529	0.017
6:	-1.015	0.131
7:	0.932	-0.279
8:	0.606	-0.377
9:	0.180	-0.695
10:	0.217	-1.996



TARGET APPROX 1/2 SCALE