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

BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

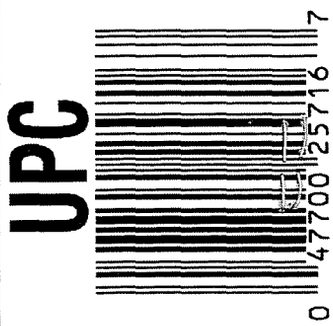
– INSTUCTION BOOK 3518

BM FORM

ORDER NO. **25716**

BARREL LENGTH	24"
CAPACITY	6

G6691421



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 0176178 **INSPECTION CHECKLIST-NEW GUNS**

GUN SERIAL # G6691421

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-24-07	KTZ
420	ASSEMBLE ACTION		9-24-07	KTZ
430	ASSEMBLE TO STOCK		9-24-07	SD
440	PROOF		9/24/07	[illegible]
460	CHECK HEADSPACE		9/24/07	[illegible]
470	DIS-ASSEMBLE ACTION		9-24-07	SD
480	MAGNAFLUX BBL ACTION	MAGNA-FLUX SEP 25 2007 OPERATOR [illegible]	9/25/07	[illegible]
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		9.25.07	LG
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/28/07	RB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		10/4/07	L.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10/4/07	L.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10/4/07	L.P.D.
	D) OIL FIRING PIN ASSEMBLY		10/4/07	L.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/12/07	[illegible]

F004 REV 5/2006

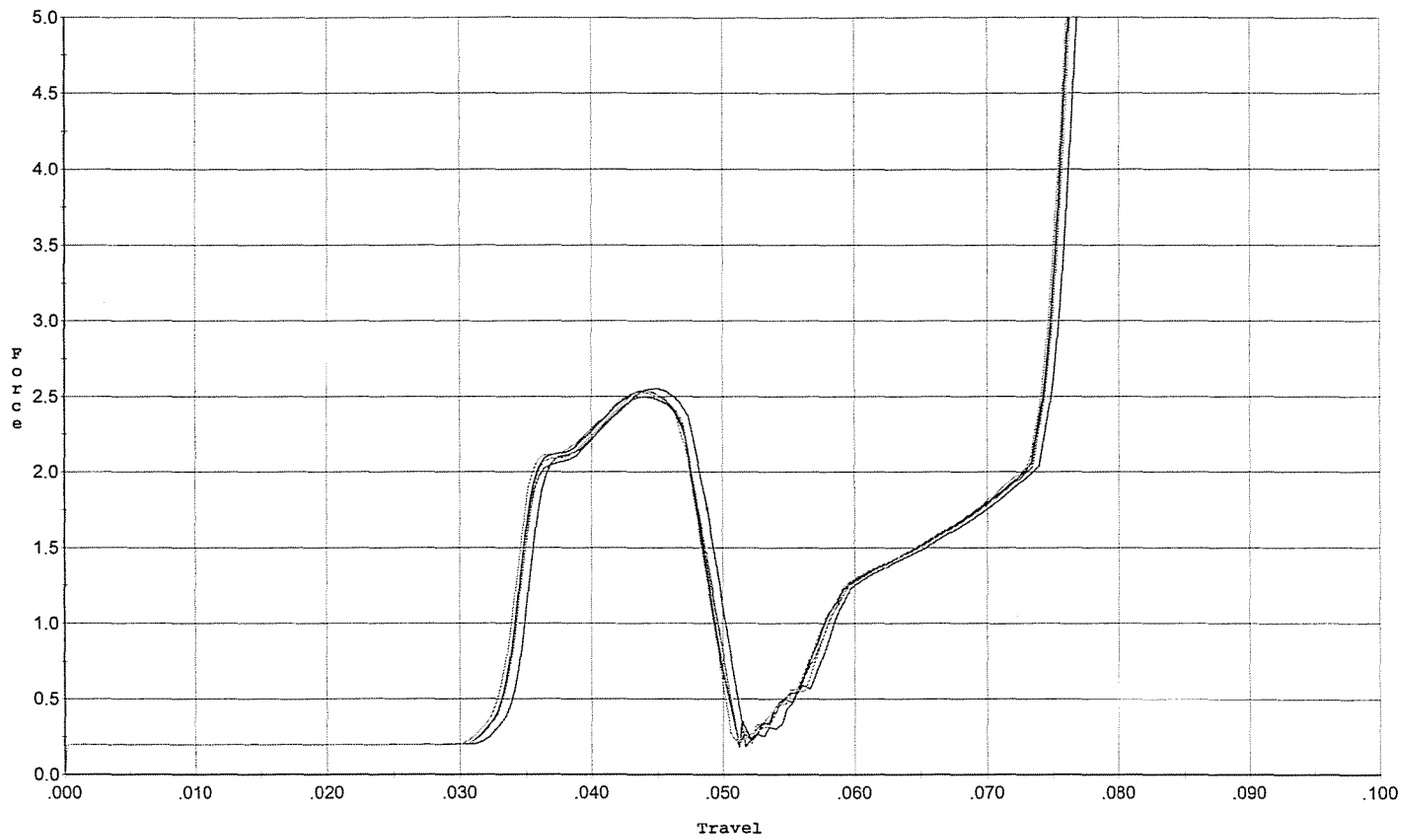
OP #	OPERATION NAME	READINGS	DATE	INITIAL
	BARBER - M24 0176179			
560	F) SAFETY ON FORCE (2 LBS MIN / 10 LBS MAX)	6.0 5.5 5.5	10-8-07	DA
CONT.	G) SAFETY OFF FORCE (2 LBS MIN)	3.75 3.50 3.5	10-8-07	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		10/12/07	
	I) FIRING PIN INDENT (.020 MIN)	.023 .023 .023	10-8-07	DA
	J) ASSEMBLE STOCK		10/4/07	
	K) ASSEMBLE SWIVEL STUDS		10-8-07	DA
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10/12/07	
	M) IRON SIGHT ALIGNMENT		10/12/07	
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10/12/07	
640 & 650	FUNCTION TEST AND TARGET	(PASS) FAIL / (PASS) FAIL	10-5-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10-5-07	DR
670	FINAL INSPECTION A) HEADSPACE		10/12/07	
	B) TRIGGER PULL (+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS)	2.56 2.44 2.35 2.21 2.18	10-8-07	DA
	C) FUNCTION		10/12/07	
690	PACK		10/13/07	

N/A

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 10/2/07		

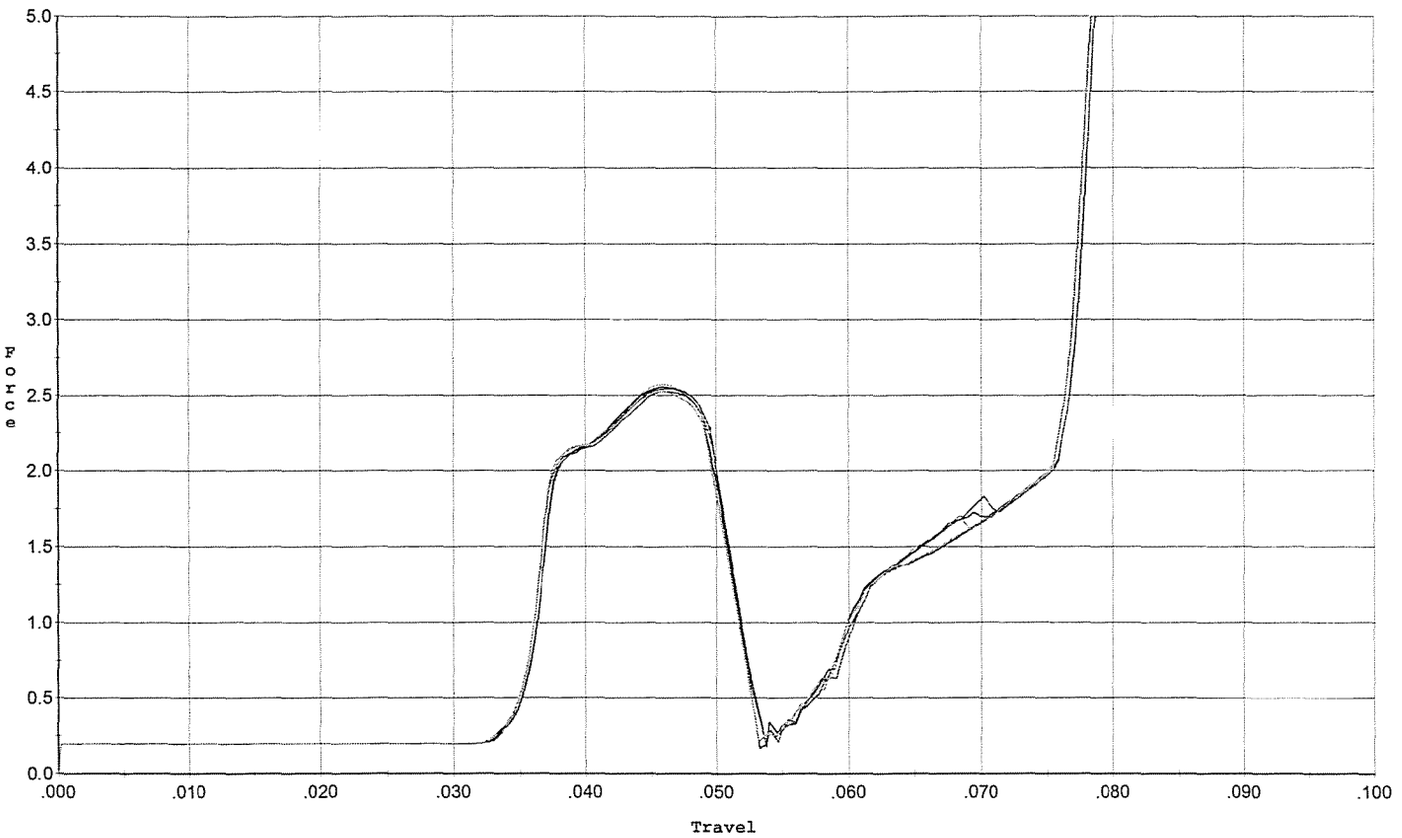


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.550	0.049	0.034	0.034	0.039		Set Trigger
2	2.536	0.047	0.033	0.034	0.038		Set Trigger
3	2.499	0.047	0.033	0.034	0.037		Set Trigger
4	2.534	0.049	0.033	0.034	0.039		Set Trigger
5	2.531	0.047	0.032	0.034	0.039		Set Trigger

Avg 2.53

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 10/2/07		



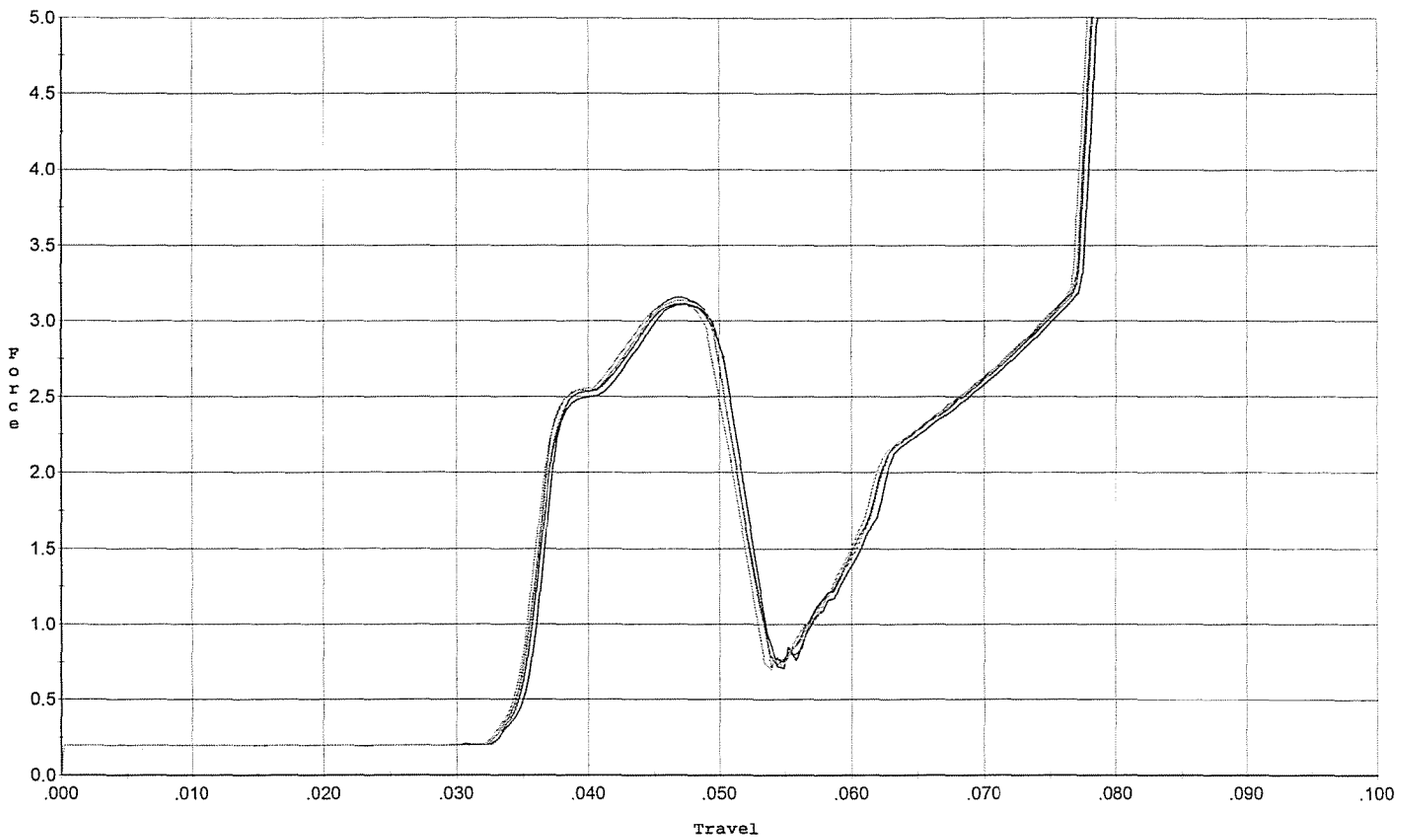
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.546	0.050	0.035	0.035	0.040		Set Trigger
2	2.554	0.050	0.035	0.035	0.040		Set Trigger
3	2.526	0.050	0.035	0.035	0.040		Set Trigger
4	2.574	0.051	0.034	0.035	0.041		Set Trigger
5	2.527	0.051	0.035	0.035	0.041		Set Trigger

Avg 2.54

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/2/2007 8:27:58 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 10/2/07		



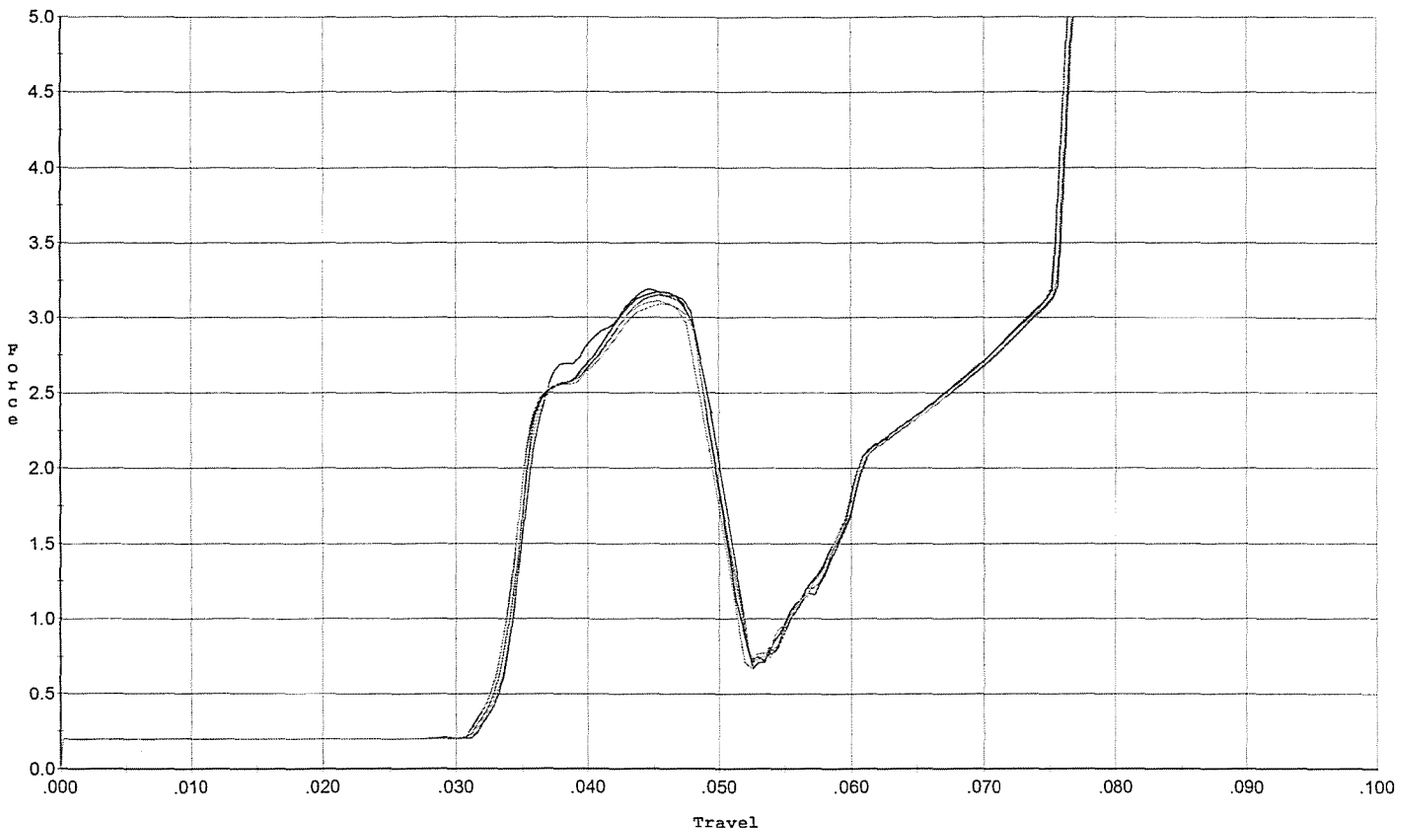
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.118	0.050	0.034	0.034	0.048		Set Trigger
2	3.113	0.050	0.034	0.034	0.048		Set Trigger
3	3.159	0.049	0.033	0.033	0.048		Set Trigger
4	3.139	0.050	0.034	0.034	0.048		Set Trigger
5	3.120	0.051	0.034	0.033	0.050		Set Trigger

Avg 3.13

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/2/2007 8:30:00 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 10/2/07		



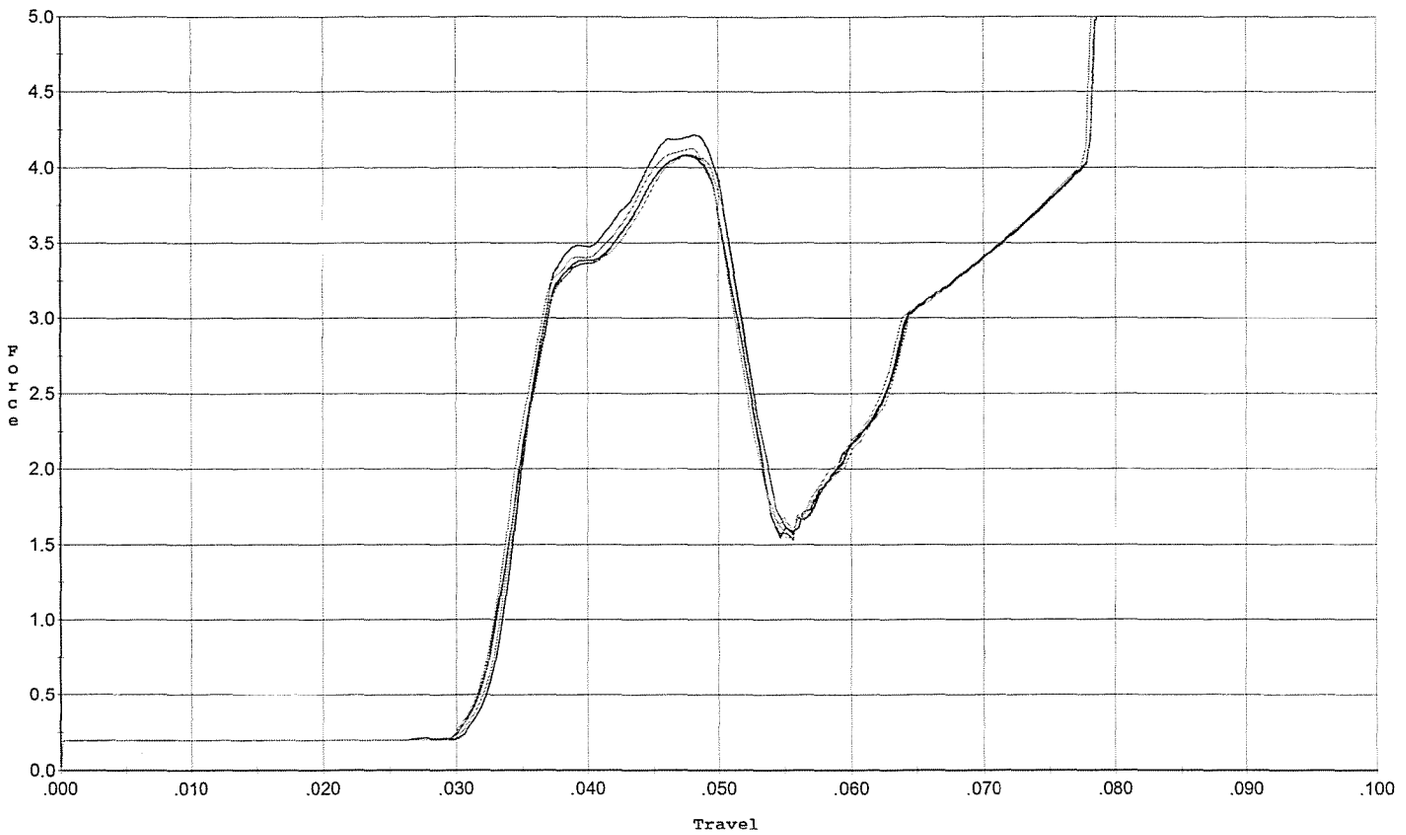
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.194	0.049	0.032	0.033	0.050		Set Trigger
2	3.174	0.048	0.031	0.033	0.049		Set Trigger
3	3.152	0.048	0.032	0.033	0.048		Set Trigger
4	3.093	0.048	0.032	0.033	0.047		Set Trigger
5	3.112	0.049	0.032	0.033	0.049		Set Trigger

Avg 3.14

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/2/2007 8:31:51 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 10/2/07		



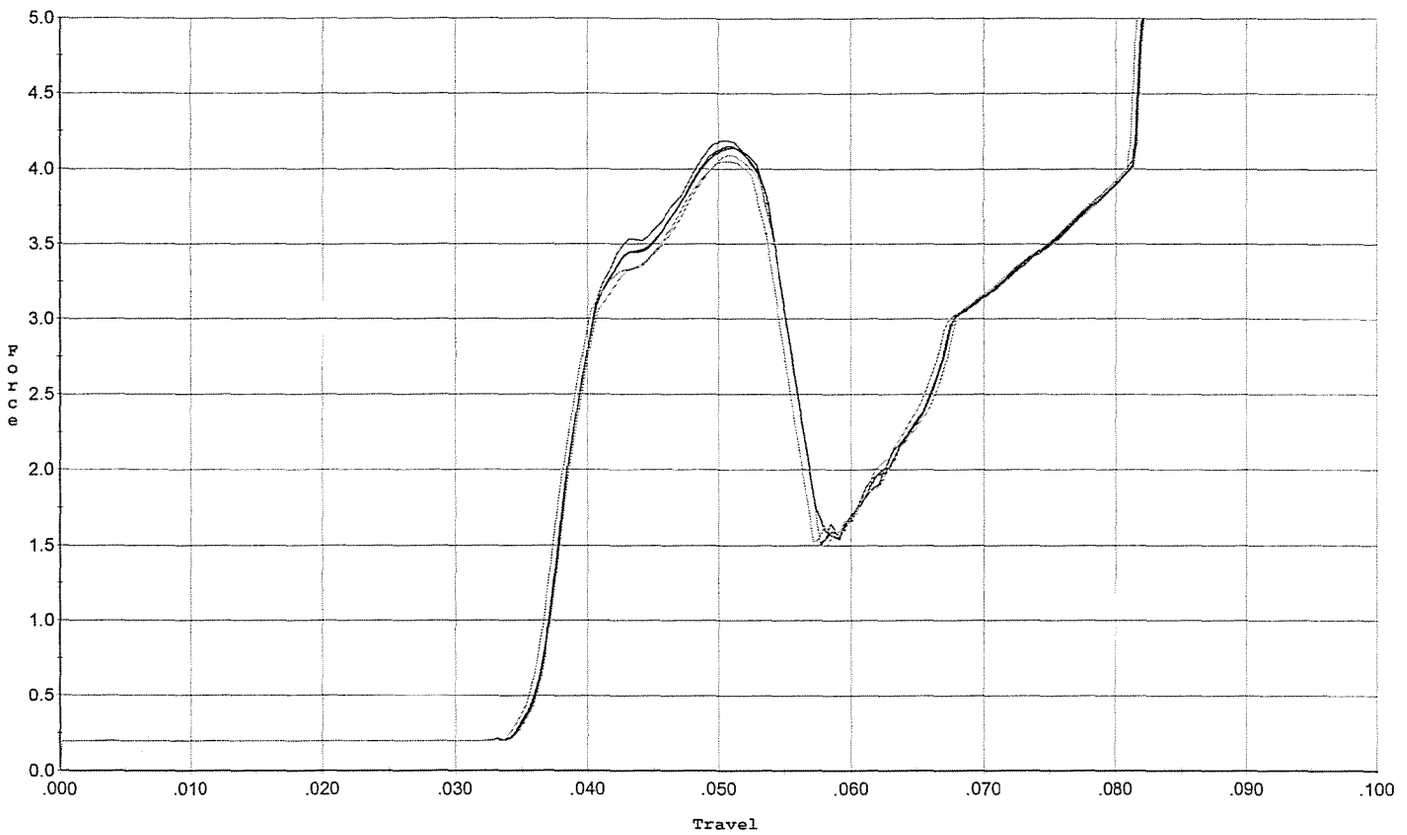
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.216	0.050	0.031	0.032	0.070		Set Trigger
2	4.077	0.052	0.031	0.032	0.069		Set Trigger
3	4.082	0.051	0.031	0.032	0.070		Set Trigger
4	4.126	0.050	0.031	0.032	0.068		Set Trigger
5	4.080	0.050	0.031	0.032	0.068		Set Trigger

Avg 4.11

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/2/2007 8:33:55 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 10/2/07		



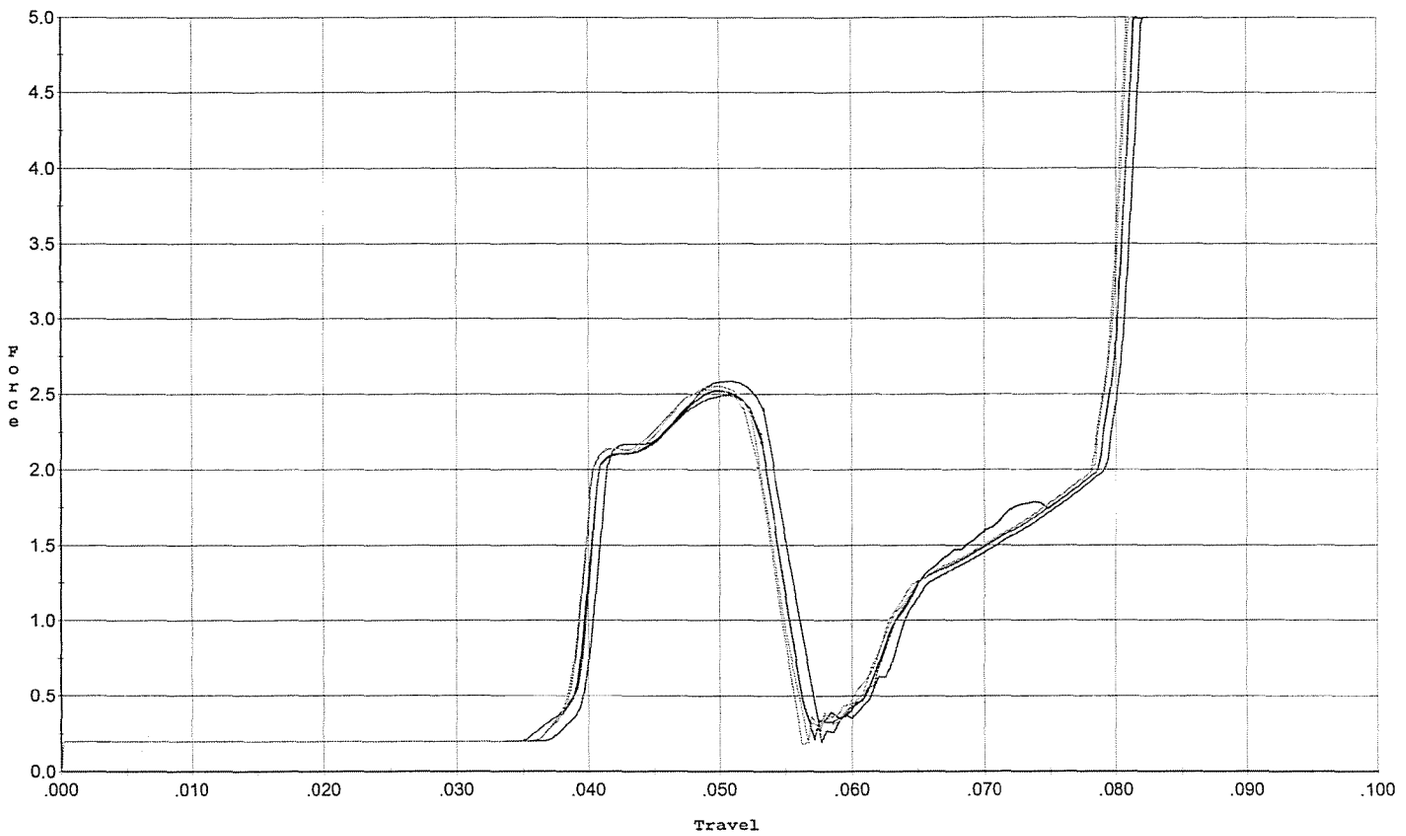
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.151	0.054	0.035	0.032	0.070		Set Trigger
2	4.140	0.054	0.035	0.032	0.069		Set Trigger
3	4.187	0.054	0.035	0.032	0.070		Set Trigger
4	4.092	0.054	0.035	0.032	0.068		Set Trigger
5	4.050	0.054	0.035	0.032	0.068		Set Trigger

Avg 4.12

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/2/2007 8:35:33 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 10/2/07		



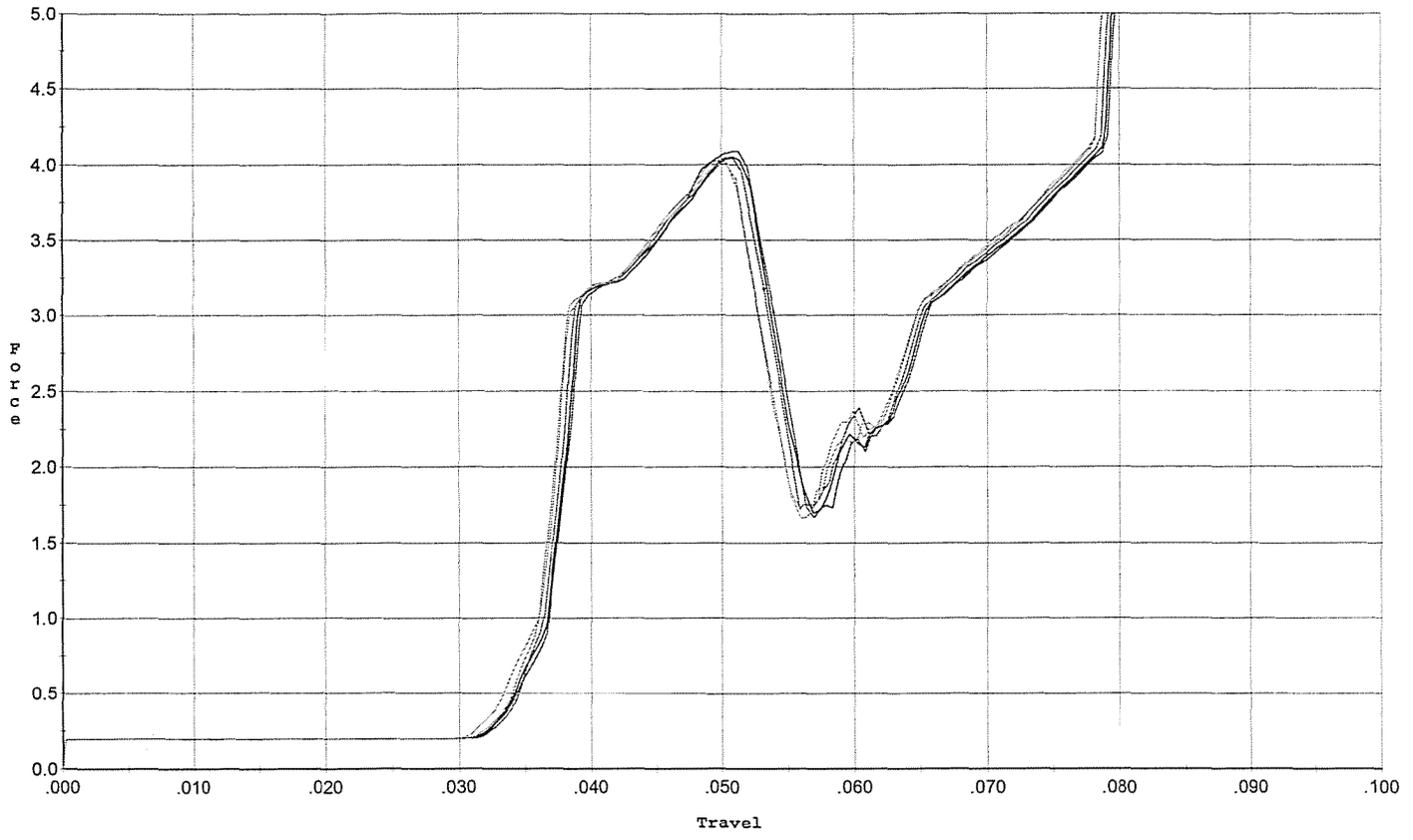
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.582	0.053	0.039	0.035	0.041		Set Trigger
2	2.521	0.053	0.039	0.035	0.040		Set Trigger
3	2.492	0.053	0.039	0.035	0.040		Set Trigger
4	2.551	0.052	0.038	0.035	0.040		Set Trigger
5	2.529	0.053	0.038	0.035	0.041		Set Trigger

Avg 2.53

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/2/2007 8:38:45 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 10/2/07		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.090	0.054	0.034	0.031	0.068		Set Trigger
2	4.053	0.052	0.034	0.031	0.065		Set Trigger
3	4.048	0.053	0.034	0.031	0.067		Set Trigger
4	4.006	0.051	0.033	0.031	0.063		Set Trigger
5	4.029	0.051	0.034	0.031	0.064		Set Trigger

Avg 4.04

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/2/2007 8:41:28 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6691421.__0
FILE DATE AND TIME: 10/05/2007 10:59

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

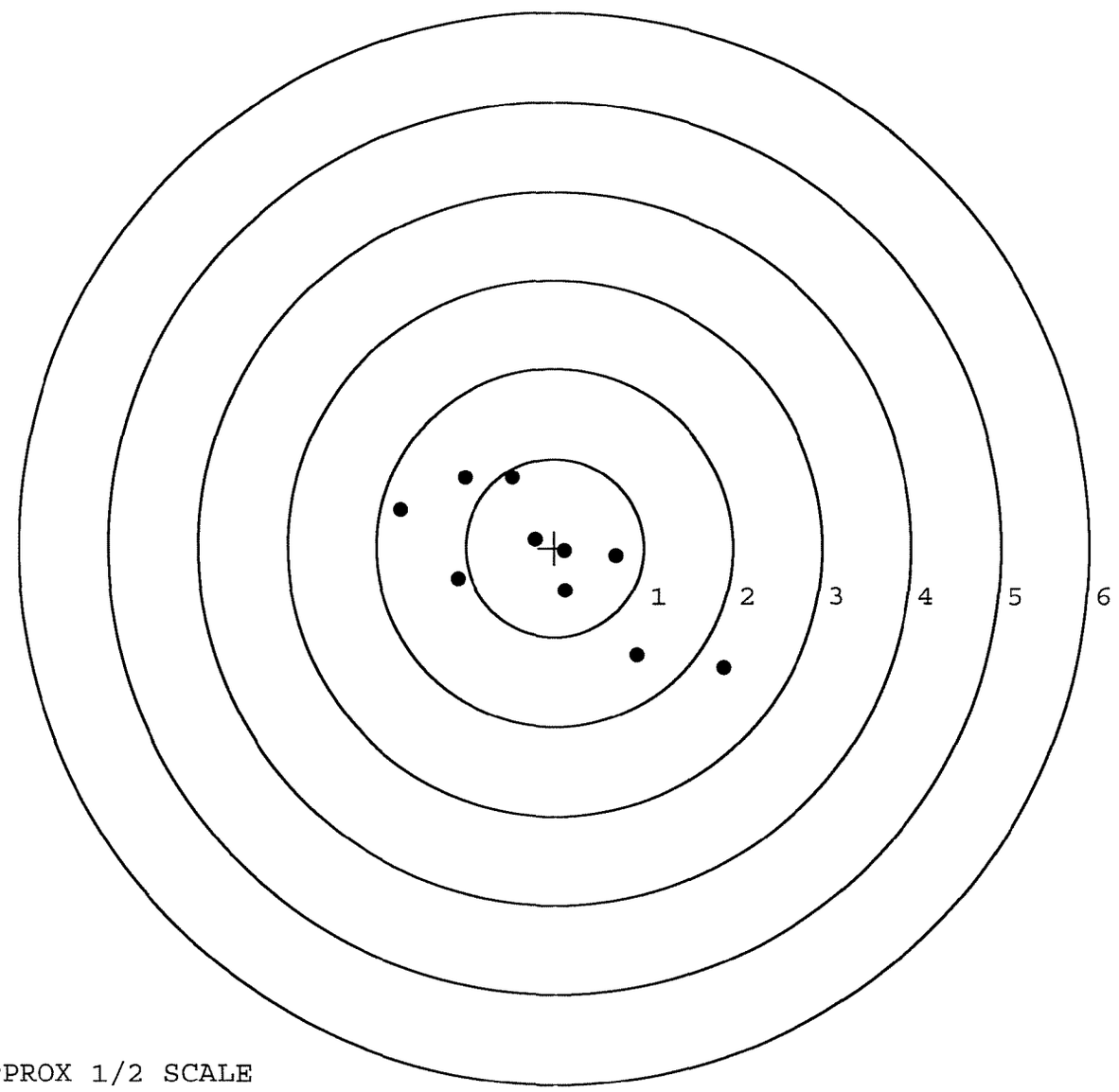
The Average X Centroid of the Five Target Set:	-0.094
The Average Y Centroid of the Five Target Set:	-0.052
The Average Point of Impact of the Five Target Set:	0.107
The Average Mean Radius of the Five Target Set:	0.820
The Distance from POA to Centroid Target #1:	0.164
The Distance from Centroid Target #2 to Centroid Target #1:	0.305
The Distance from Centroid Target #3 to Centroid Target #1:	0.090
The Distance from Centroid Target #4 to Centroid Target #1:	0.031
The Distance from Centroid Target #5 to Centroid Target #1:	0.211

BARBER - M24 0176189

SERIAL NUMBER: G6691421.__0
TARGET NUMBER: 1
FILE DATE: 10/05/2007
FILE TIME: 10:59

X CENTROID:	-0.077
Y CENTROID:	-0.145
POA TO CENTROID:	0.164
HORZ SPREAD:	3.624
VERT SPREAD:	2.133
GROUP SPREAD:	4.035
MIN RADIUS:	0.220
MAX RADIUS:	2.310
MEAN RADIUS:	1.053
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-1.730	0.423
2:	-1.001	0.782
3:	-0.473	0.781
4:	-1.090	-0.357
5:	-0.218	0.093
6:	0.113	-0.035
7:	0.693	-0.098
8:	0.124	-0.485
9:	1.894	-1.351
10:	0.920	-1.207



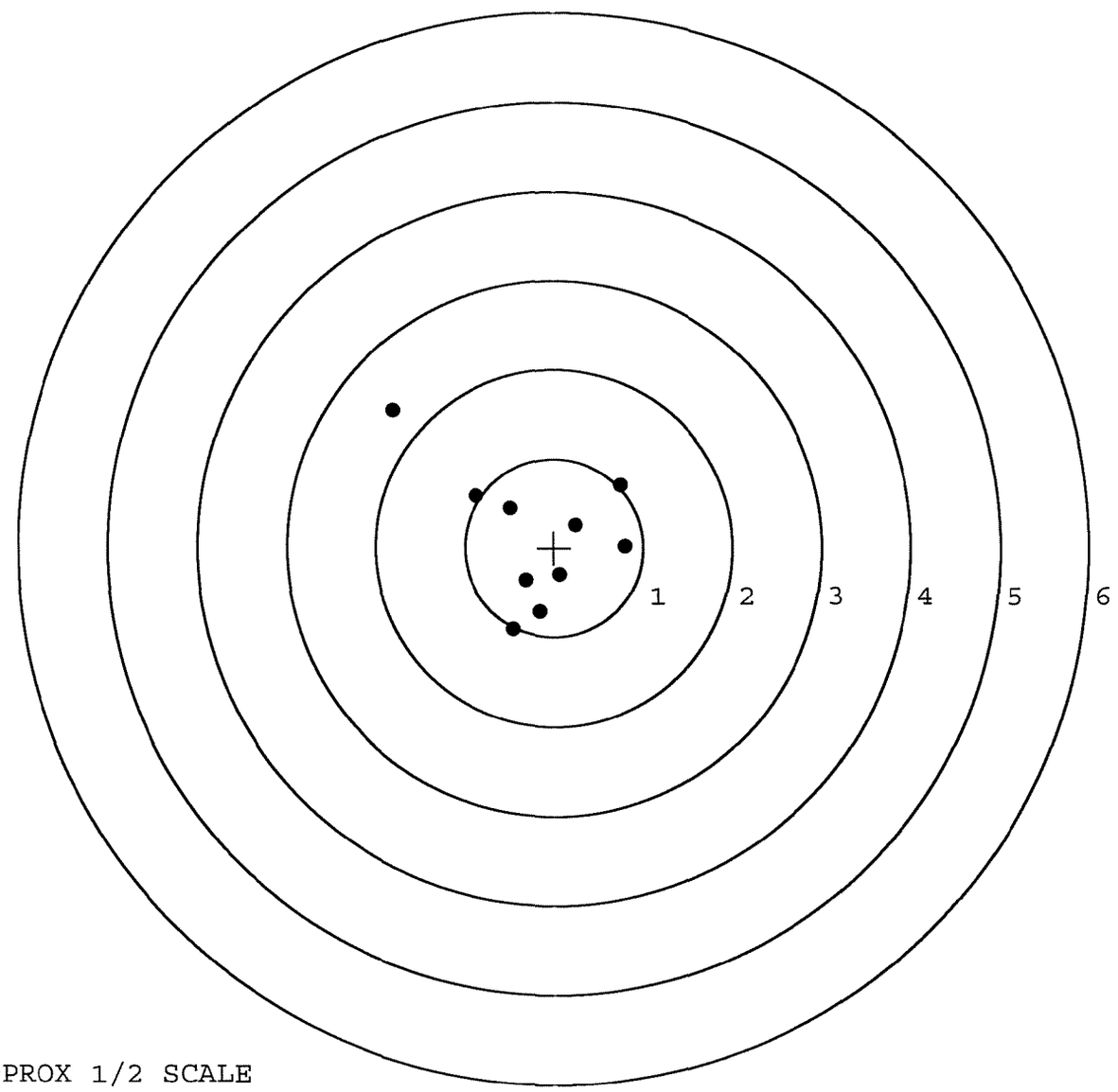
TARGET APPROX 1/2 SCALE

BARBER - M24 0176190

SERIAL NUMBER: G6691421.__0
TARGET NUMBER: 2
FILE DATE: 10/05/2007
FILE TIME: 10:59

X CENTROID:	-0.225
Y CENTROID:	0.121
POA TO CENTROID:	0.256
HORZ SPREAD:	2.601
VERT SPREAD:	2.465
GROUP SPREAD:	3.016
MIN RADIUS:	0.416
MAX RADIUS:	2.125
MEAN RADIUS:	0.892
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.458	-0.924
2:	-0.154	-0.725
3:	-0.314	-0.373
4:	0.060	-0.304
5:	0.794	0.015
6:	0.244	0.256
7:	0.751	0.704
8:	-0.491	0.442
9:	-0.877	0.582
10:	-1.807	1.541



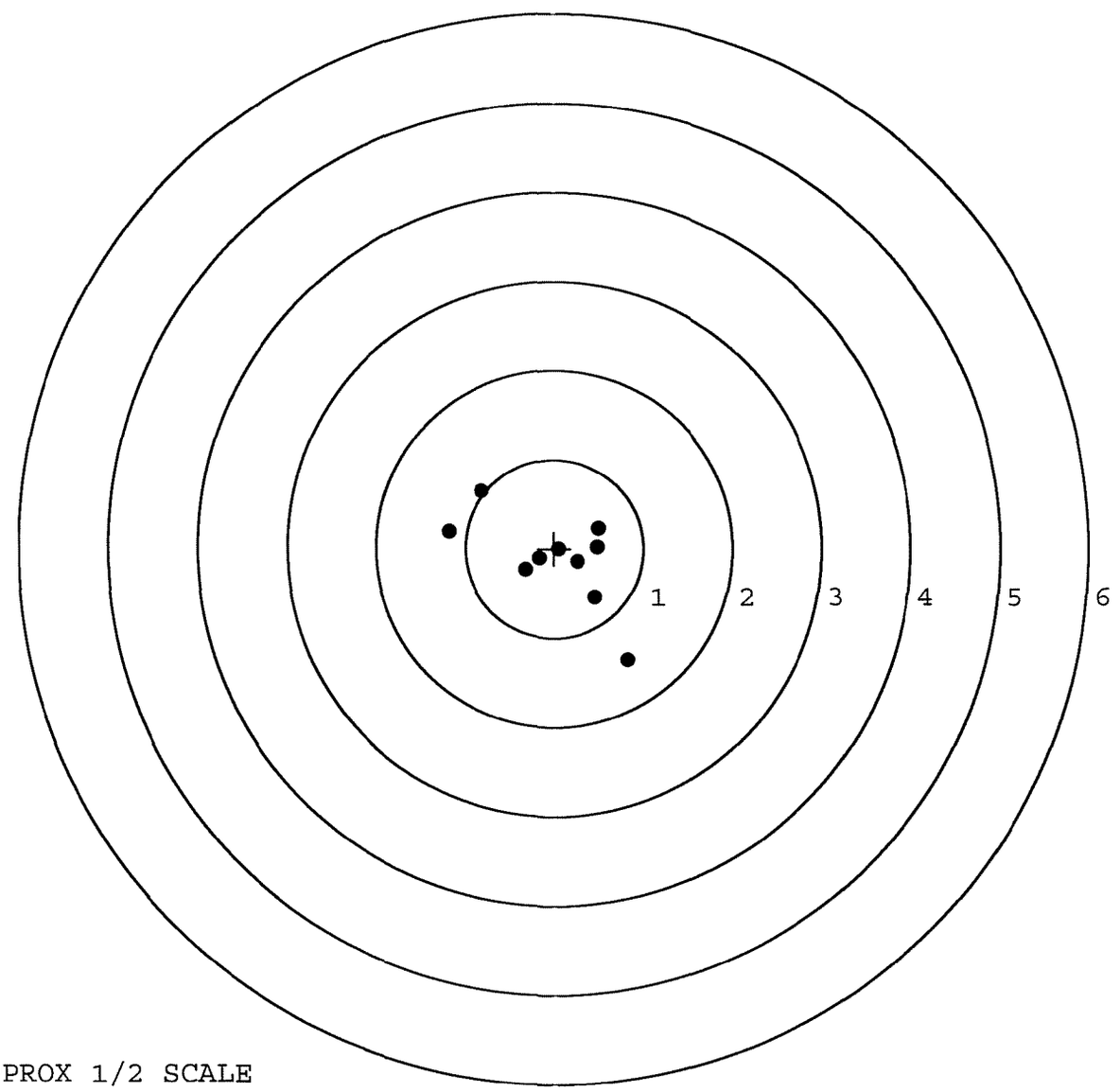
TARGET APPROX 1/2 SCALE

BARBER - M24 0176191

SERIAL NUMBER: G6691421.__0
TARGET NUMBER: 3
FILE DATE: 10/05/2007
FILE TIME: 10:59

X CENTROID:	0.010
Y CENTROID:	-0.124
POA TO CENTROID:	0.125
HORZ SPREAD:	2.006
VERT SPREAD:	1.894
GROUP SPREAD:	2.504
MIN RADIUS:	0.120
MAX RADIUS:	1.392
MEAN RADIUS:	0.639
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.824	-1.253
2:	0.460	-0.549
3:	-0.814	0.641
4:	-1.182	0.193
5:	0.505	0.225
6:	0.492	0.014
7:	0.266	-0.150
8:	0.050	-0.011
9:	-0.172	-0.110
10:	-0.326	-0.241



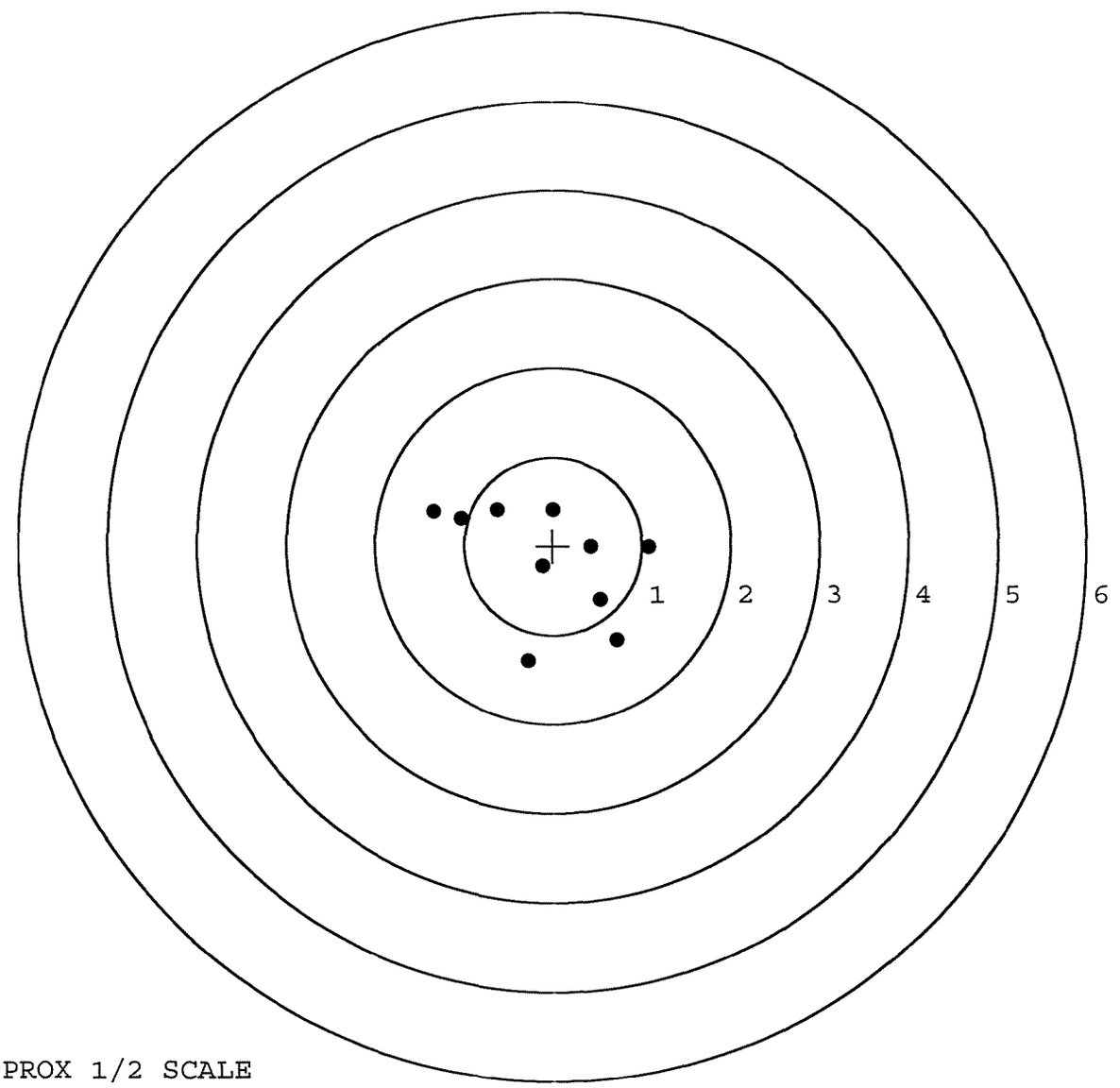
TARGET APPROX 1/2 SCALE

BARBER - M24 0176192

SERIAL NUMBER: G6691421.__0
TARGET NUMBER: 4
FILE DATE: 10/05/2007
FILE TIME: 10:59

X CENTROID:	-0.062
Y CENTROID:	-0.172
POA TO CENTROID:	0.183
HORZ SPREAD:	2.417
VERT SPREAD:	1.696
GROUP SPREAD:	2.516
MIN RADIUS:	0.078
MAX RADIUS:	1.394
MEAN RADIUS:	0.867
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.276	-1.293
2:	0.724	-1.056
3:	0.538	-0.607
4:	1.075	-0.019
5:	0.437	-0.008
6:	-0.118	-0.227
7:	0.001	0.400
8:	-0.621	0.403
9:	-1.038	0.304
10:	-1.342	0.380



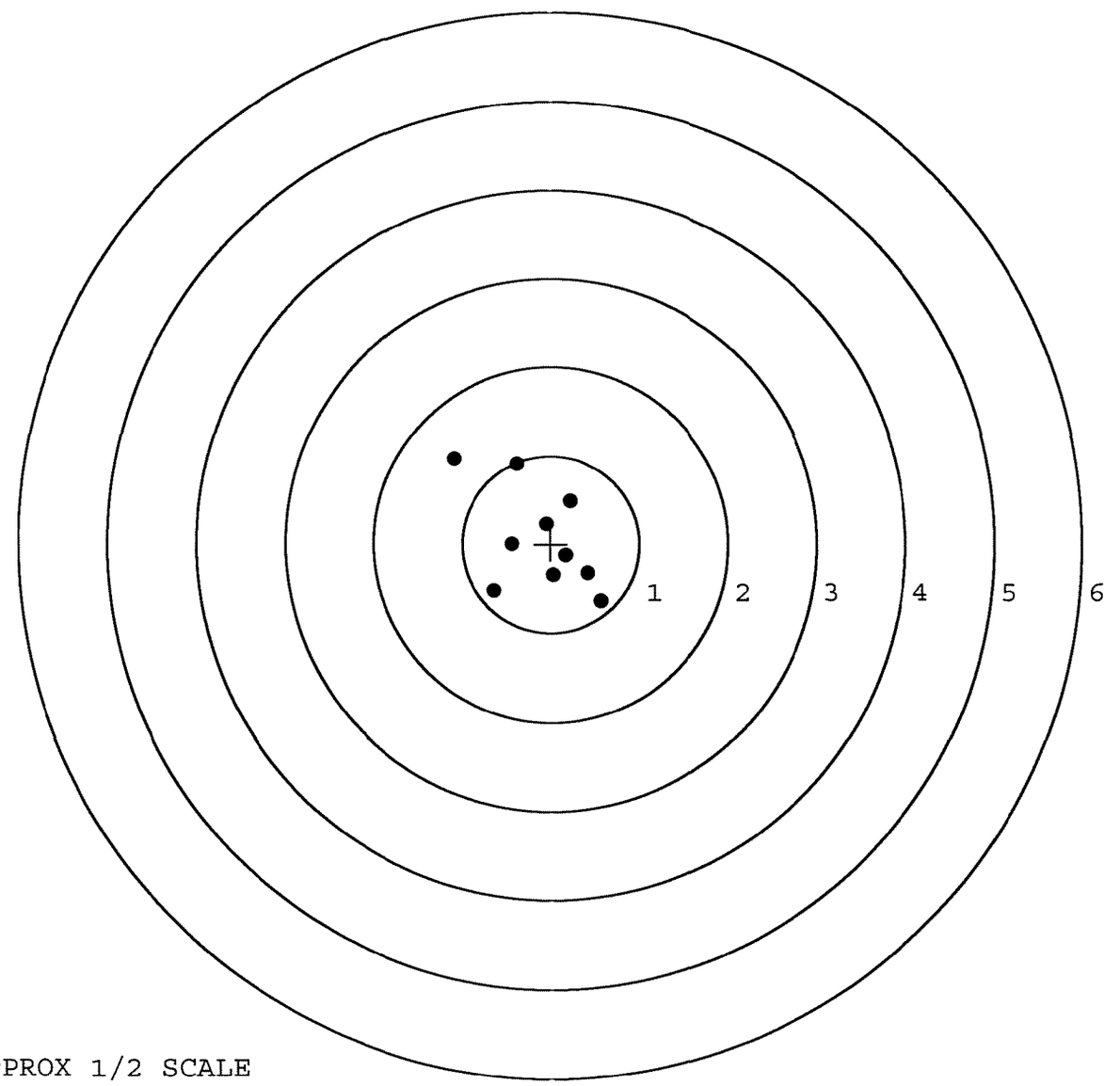
TARGET APPROX 1/2 SCALE

BARBER - M24 0176193

SERIAL NUMBER: G6691421.__0
TARGET NUMBER: 5
FILE DATE: 10/05/2007
FILE TIME: 10:59

X CENTROID:	-0.117
Y CENTROID:	0.061
POA TO CENTROID:	0.132
HORZ SPREAD:	1.655
VERT SPREAD:	1.616
GROUP SPREAD:	2.313
MIN RADIUS:	0.183
MAX RADIUS:	1.328
MEAN RADIUS:	0.649
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.567	-0.649
2:	0.424	-0.329
3:	0.031	-0.352
4:	0.169	-0.129
5:	-0.640	-0.527
6:	-0.436	0.006
7:	-0.047	0.230
8:	0.225	0.487
9:	-0.374	0.909
10:	-1.088	0.967



TARGET APPROX 1/2 SCALE