G 664583

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

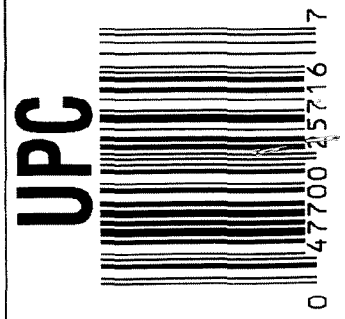
– INSTUCTION BOOK 3518

BM FORM

ORDER NO. **25716**

BARREL LENGTH	24"
CAPACITY	6

G6645283



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

BARBER - M24 0170752 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6645283

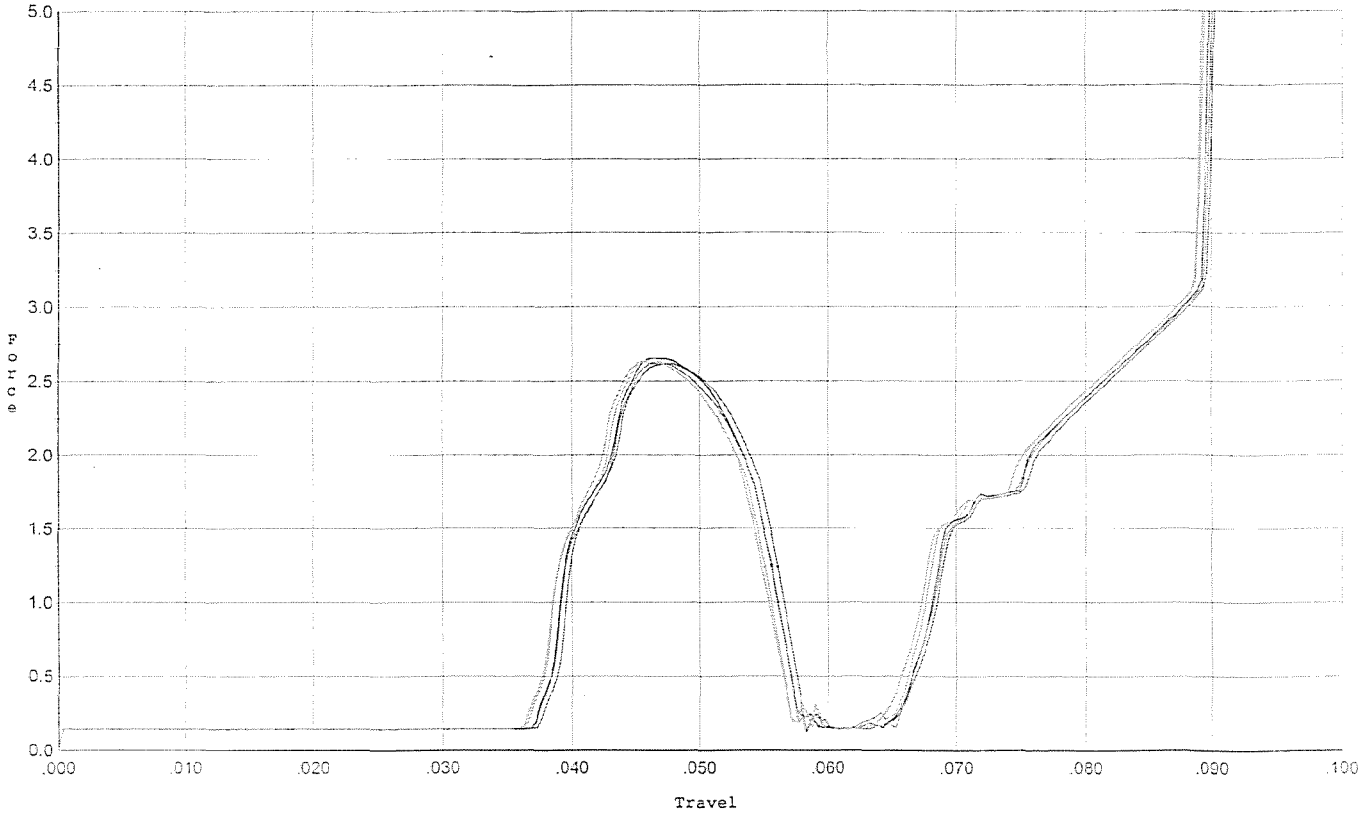
OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		7-23-07	[illegible]
420	ASSEMBLE ACTION		7-16-07	SD
430	ASSEMBLE TO STOCK		7/17/07	[illegible]
440	PROOF	MAGNA FLUX JUL 2 [illegible] OPERATOR [illegible]	7/17/07	[illegible]
460	CHECK HEADSPACE		7/17/07	[illegible]
470	DIS-ASSEMBLE ACTION		7-20-07	SD
480	MAGNAFLUX BBL ACTION		7/24/07	[illegible]
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		7-24-07	CW
510	DRILL AND TAP SIGHT HOLES		7-23-07	SD
520	GOFF BLAST BBL / REC		7-24-07	CY
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		7/27/07	[illegible]
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		8/1/07	RP
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8/1/07	RP
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8/1/07	RP
	D) OIL FIRING PIN ASSEMBLY		8/2/07	[illegible]
	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 0170753			
560	F) SAFETY ON FORCE [2 LBS MIN / 10 LBS MAX]	7.0 7.5 7.0	8/10/07	
CONT.	G) SAFETY OFF FORCE [2 LBS MIN]	5.0 5.0 4.75	8/10/07	
	H) TRIGGER PULL TEST AND RETAINABILITY		8/10/07	
	I) FIRING PIN INDENT [.020 MIN]	.024 .024 .024	8/10/07	
	J) ASSEMBLE STOCK		8/2/07	A.P.D.
	K) ASSEMBLE SWIVEL STUDS		8/10/07	
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			
	M) IRON SIGHT ALIGNMENT			
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			
640 &	FUNCTION TEST AND	(PASS) FAIL		
650	TARGET	(PASS) FAIL	8-7-07	
	MALFUNCTION OH	CORRECTION OK	8/9/07	
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		8-7-07	SD
670	FINAL INSPECTION A) HEADSPACE		8/10/07	
	B) TRIGGER PULL [+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS]	277 264 281 270 282	8/10/07	
	C) FUNCTION		8/10/07	
690	PACK		8/16/07	

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 7/12/07		



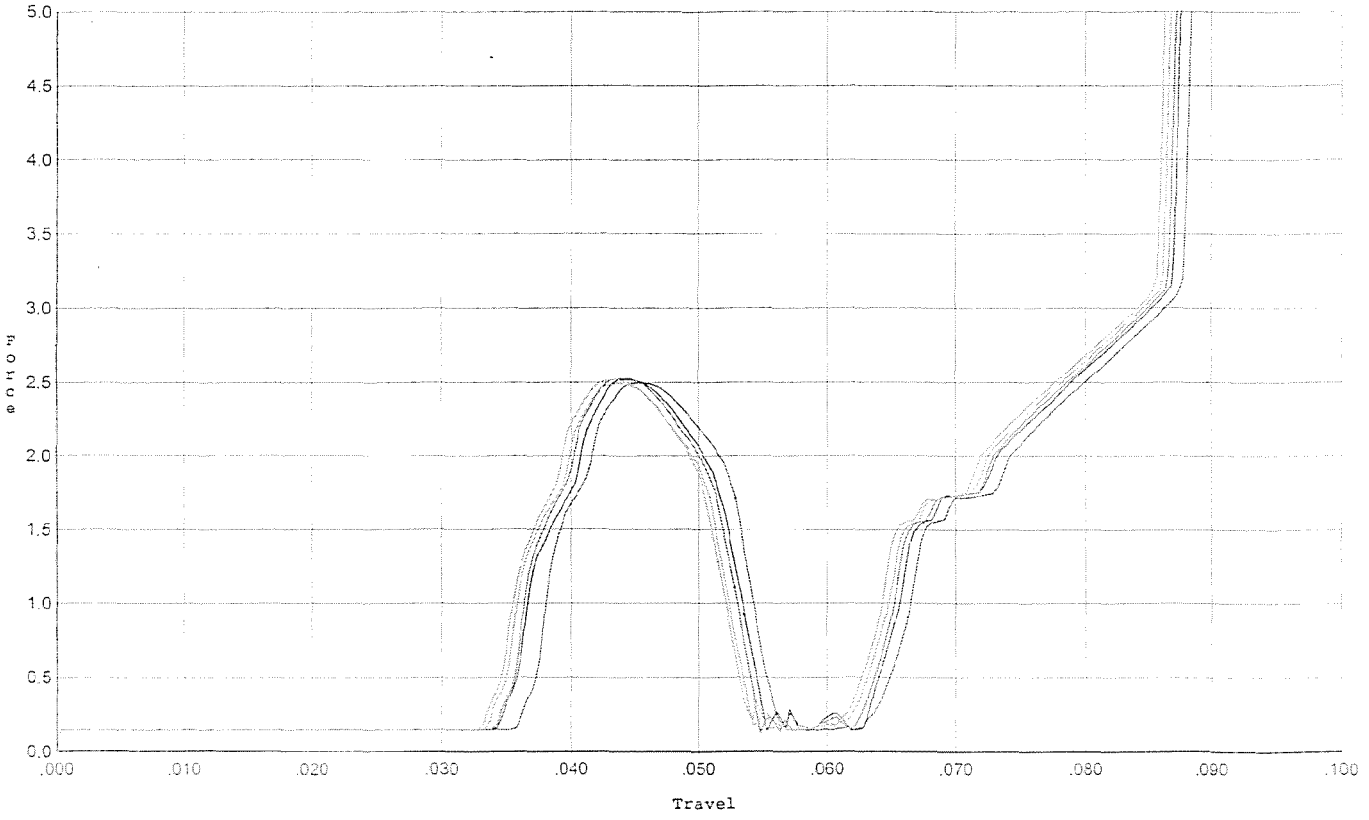
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.618	0.056	0.038	0.040	0.042		Set Trigger
2	2.653	0.056	0.037	0.040	0.042		Set Trigger
3	2.620	0.056	0.038	0.040	0.041		Set Trigger
4	2.628	0.055	0.037	0.040	0.041		Set Trigger
5	2.639	0.054	0.037	0.040	0.041		Set Trigger

AVG 2.63

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc . 7/12/2007 10:46:39 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 7/12/07		



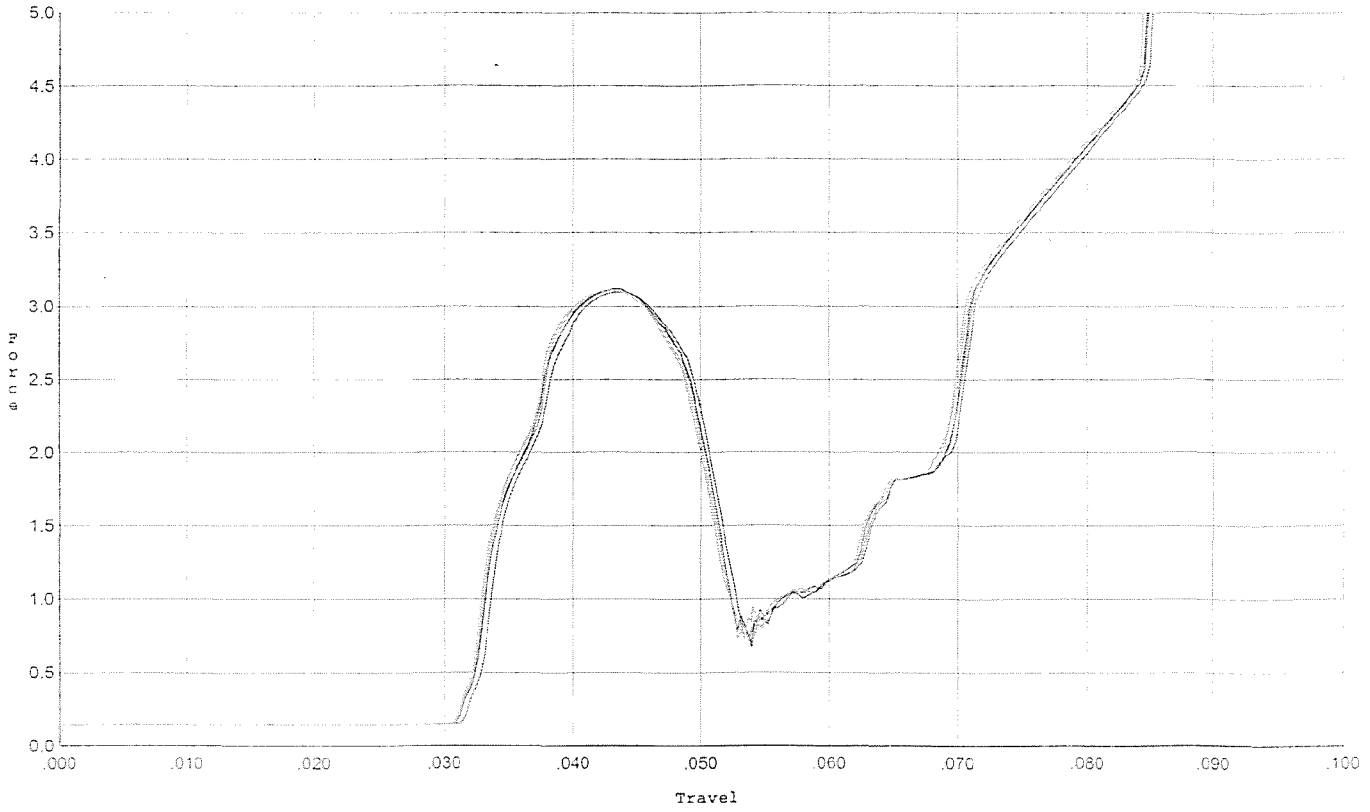
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.499	0.053	0.036	0.040	0.038		Set Trigger
2	2.522	0.054	0.035	0.039	0.040		Set Trigger
3	2.526	0.053	0.035	0.040	0.040		Set Trigger
4	2.493	0.051	0.034	0.040	0.038		Set Trigger
5	2.520	0.052	0.034	0.039	0.039		Set Trigger

Avg 2.51

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc., 7/12/2007 10:49:13 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 7/12/07		



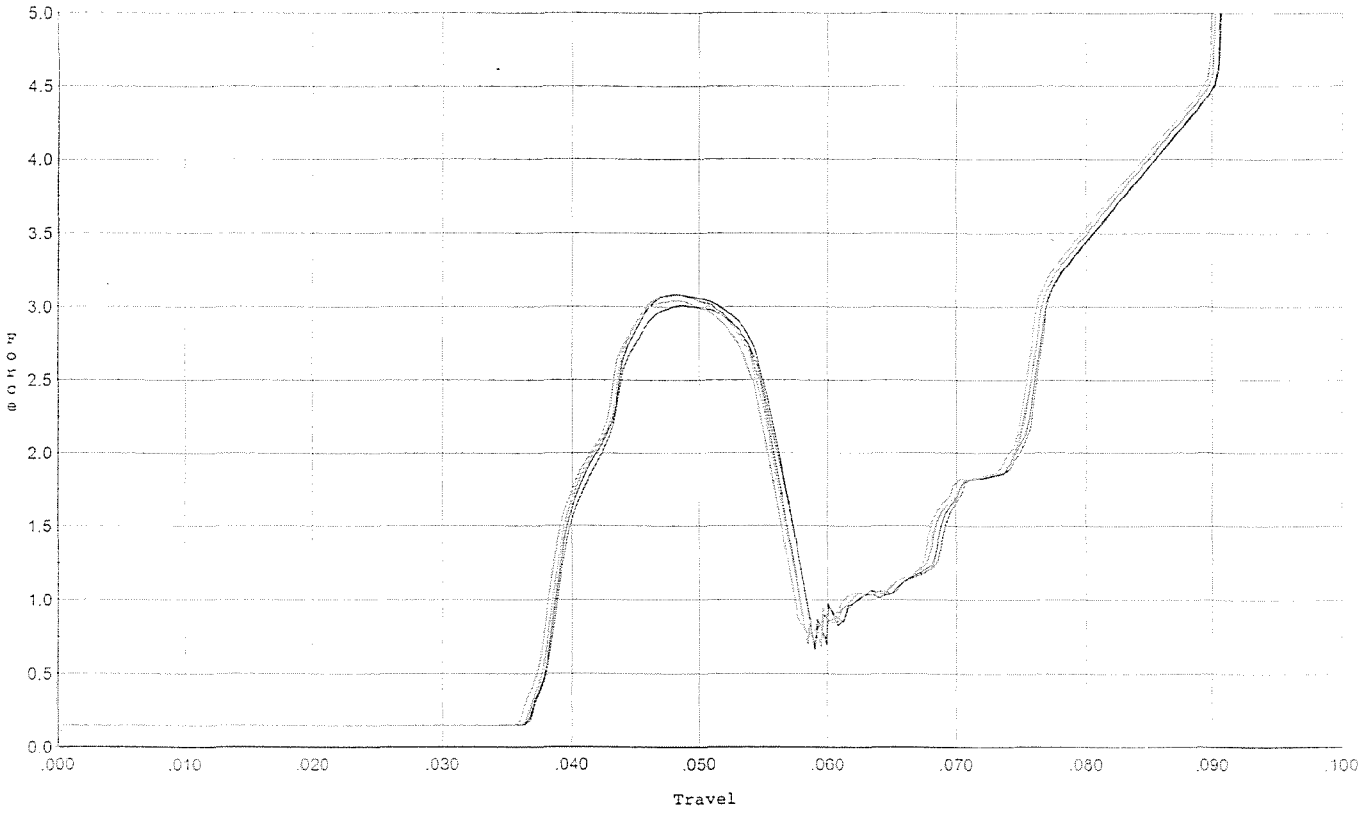
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.094	0.050	0.032	0.038	0.049		Set Trigger
2	3.119	0.051	0.032	0.037	0.051		Set Trigger
3	3.106	0.051	0.031	0.038	0.051		Set Trigger
4	3.115	0.050	0.031	0.037	0.050		Set Trigger
5	3.108	0.051	0.031	0.037	0.051		Set Trigger

Avg 3.10

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc. 7/12/2007 10:51:24 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 7/12/07		



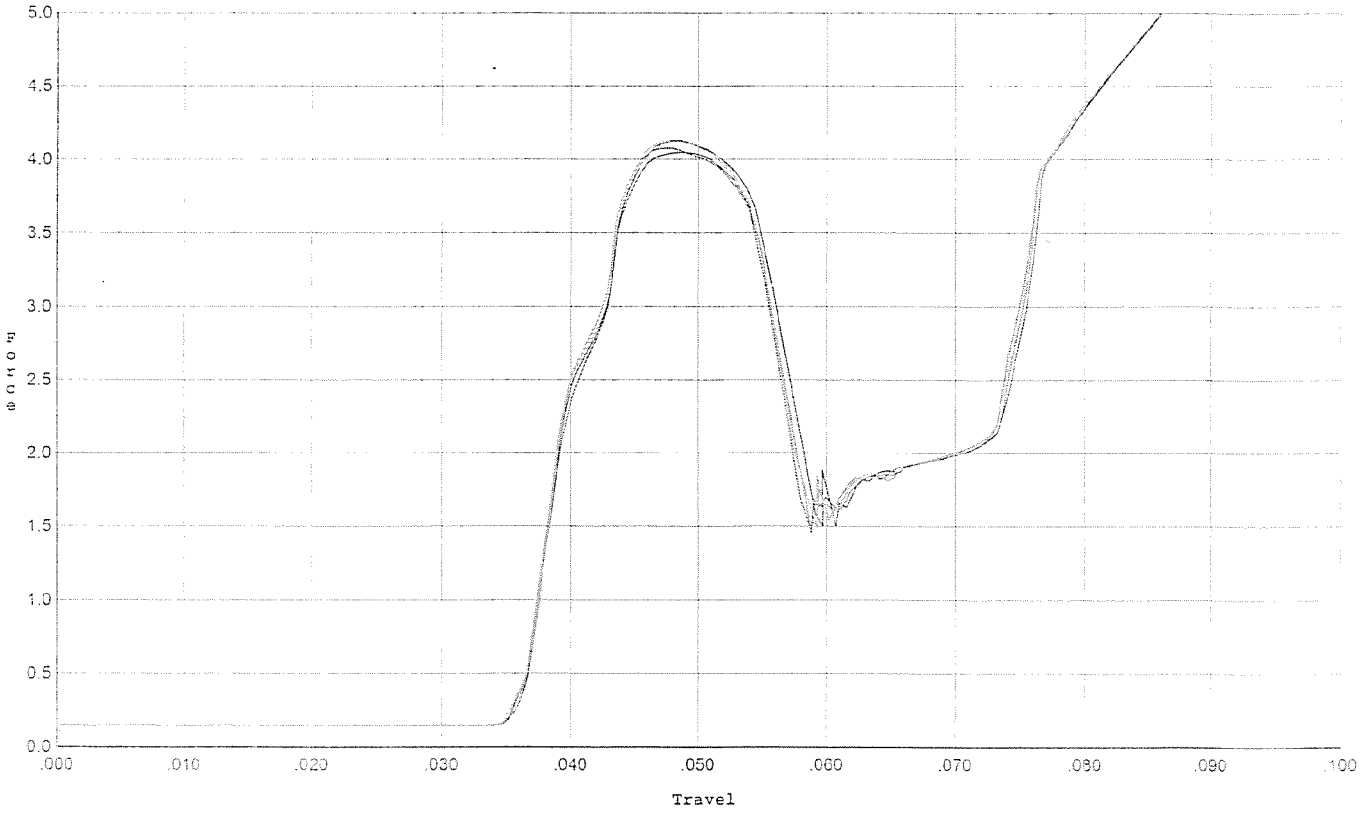
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.009	0.057	0.037	0.039	0.052		Set Trigger
2	3.082	0.057	0.037	0.039	0.053		Set Trigger
3	3.082	0.056	0.037	0.039	0.052		Set Trigger
4	3.077	0.055	0.037	0.039	0.050		Set Trigger
5	3.042	0.056	0.036	0.039	0.051		Set Trigger

Avg 3.05

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc . 7/12/2007 10:53:28 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 7/12/07		



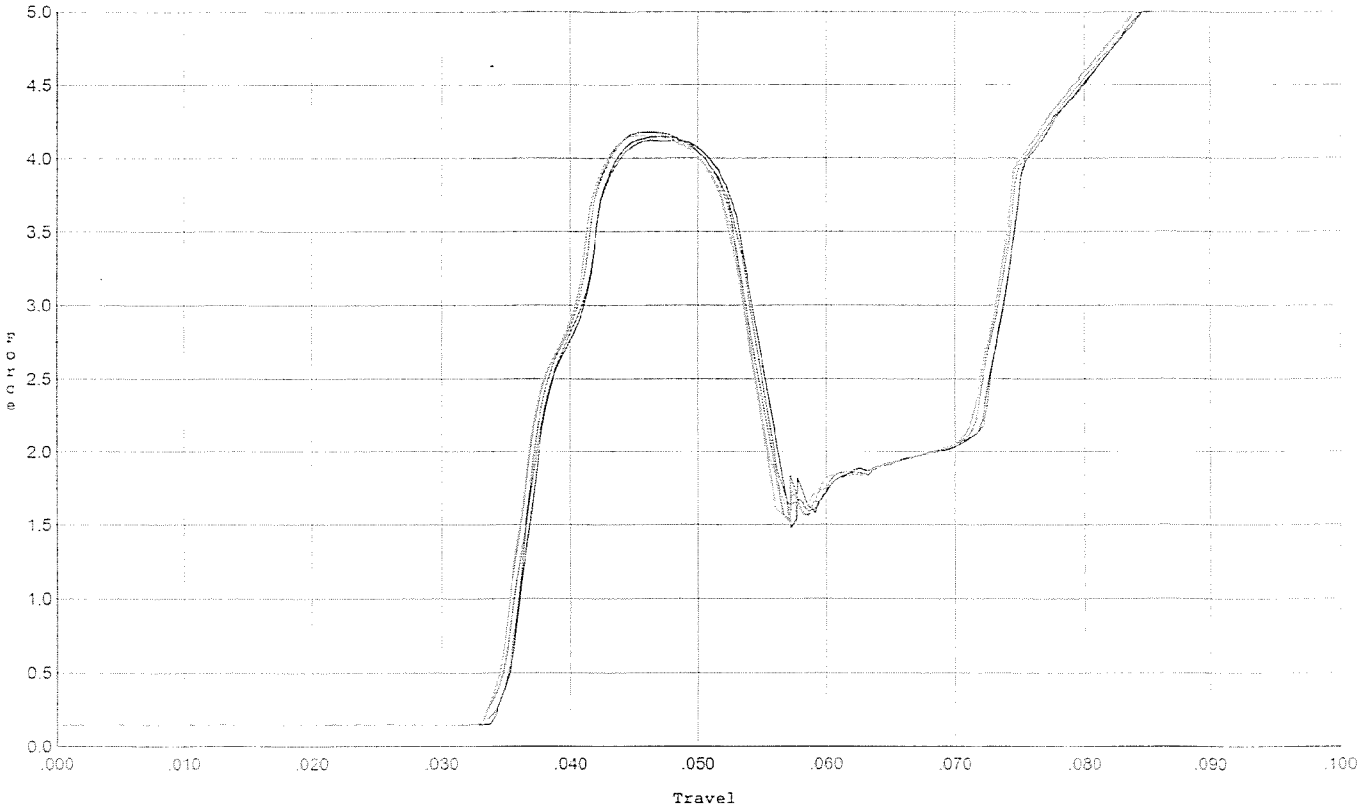
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.046	0.055	0.036	0.038	0.068		Set Trigger
2	4.128	0.057	0.036	0.037	0.073		Set Trigger
3	4.078	0.055	0.035	0.038	0.069		Set Trigger
4	4.138	0.055	0.035	0.038	0.069		Set Trigger
5	4.123	0.055	0.036	0.038	0.068		Set Trigger

Avg 4.10

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc . 7/12/2007 10:54:57 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 7/12/07		



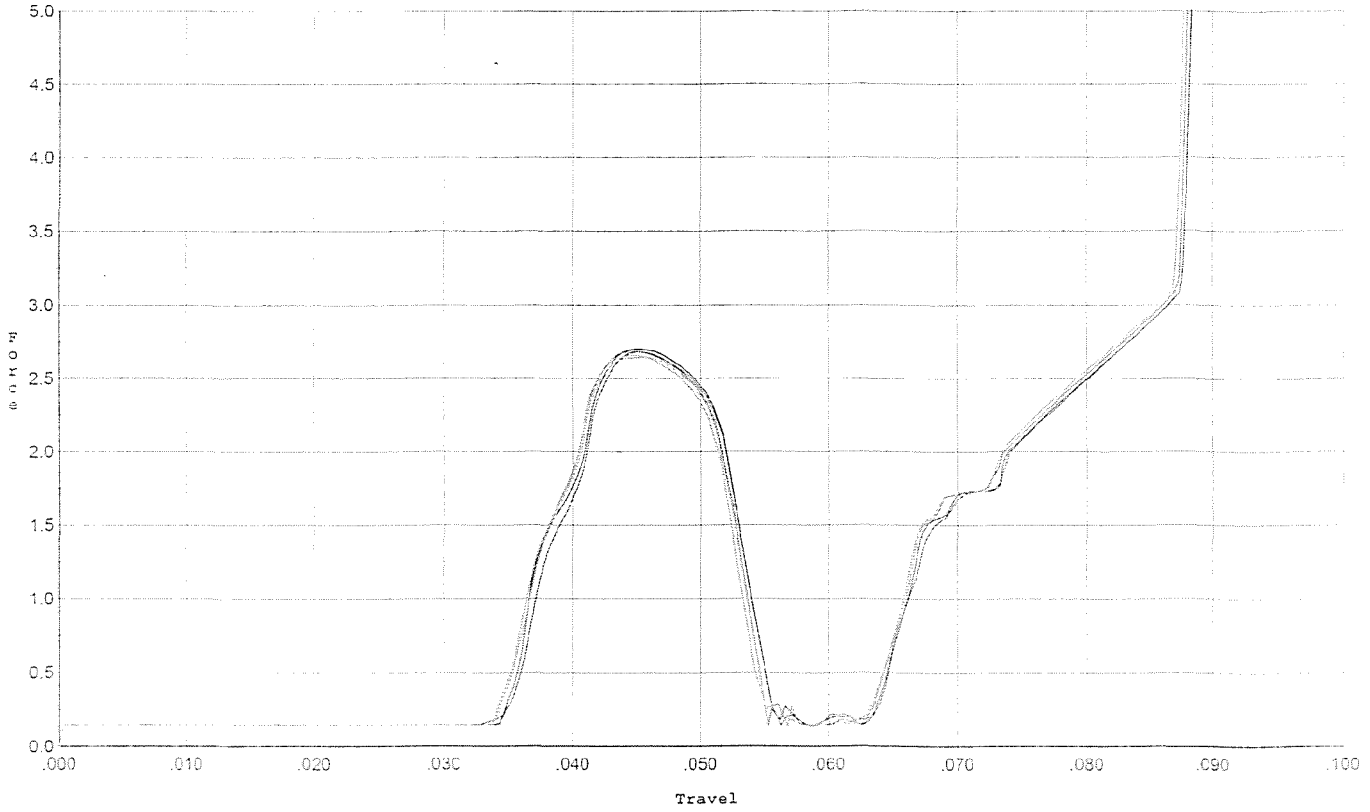
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.125	0.053	0.035	0.037	0.069		Set Trigger
2	4.148	0.055	0.034	0.037	0.072		Set Trigger
3	4.177	0.052	0.034	0.037	0.068		Set Trigger
4	4.157	0.053	0.034	0.037	0.069		Set Trigger
5	4.173	0.053	0.034	0.037	0.069		Set Trigger

Avg 4.15

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 7/12/2007 10:56:21 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 7/12/07		



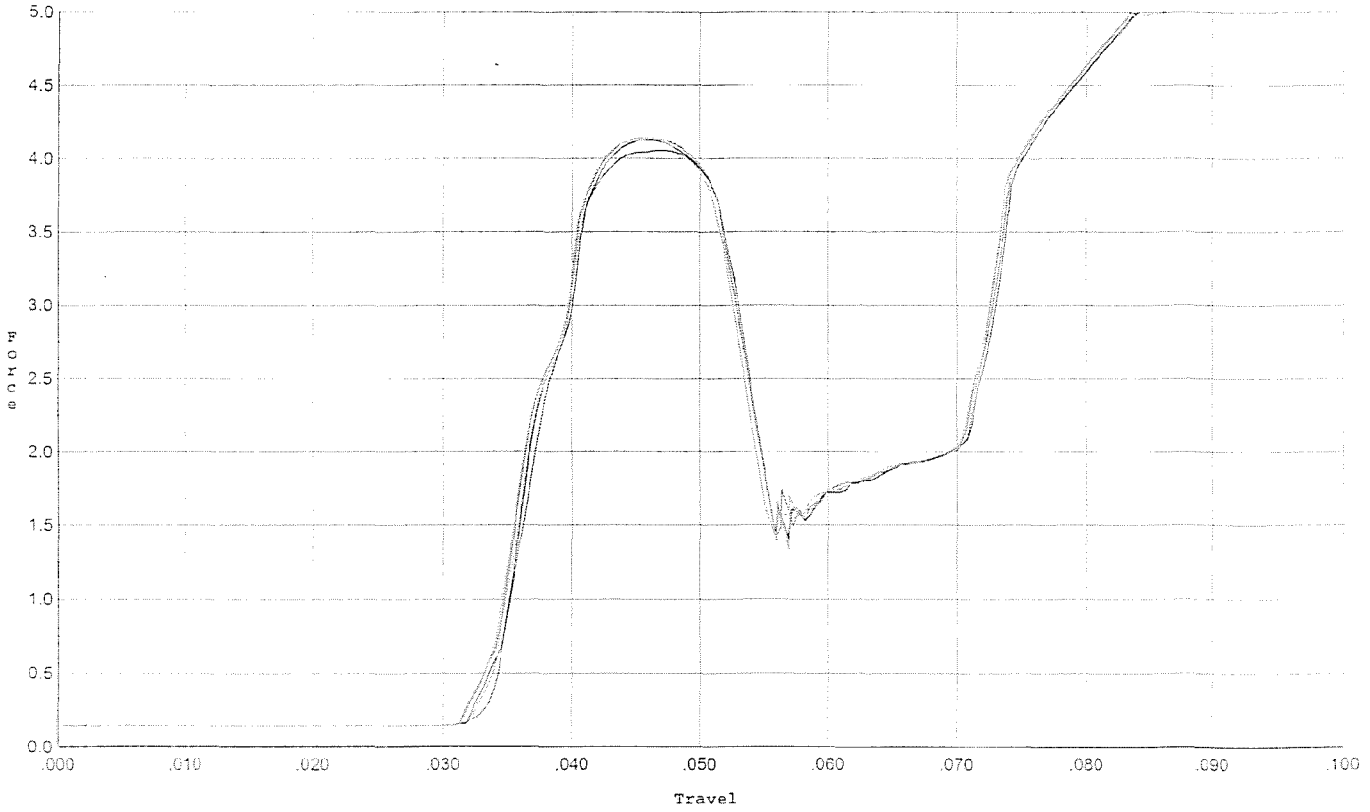
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.680	0.052	0.035	0.040	0.041		Set Trigger
2	2.699	0.052	0.035	0.040	0.042		Set Trigger
3	2.685	0.053	0.035	0.040	0.042		Set Trigger
4	2.656	0.053	0.034	0.040	0.042		Set Trigger
5	2.643	0.052	0.034	0.040	0.041		Set Trigger

Avg 2.67

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc. 7/12/2007 10:58:02 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 7/12/07		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.055	0.053	0.034	0.037	0.068		Set Trigger
2	4.128	0.053	0.032	0.037	0.069		Set Trigger
3	4.142	0.053	0.032	0.036	0.071		Set Trigger
4	4.143	0.052	0.032	0.037	0.068		Set Trigger
5	4.134	0.053	0.033	0.037	0.069		Set Trigger

Avg 4.12

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc. 7/12/2007 10:59:42 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6645283.__0
FILE DATE AND TIME: 08/08/2007 01:04

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

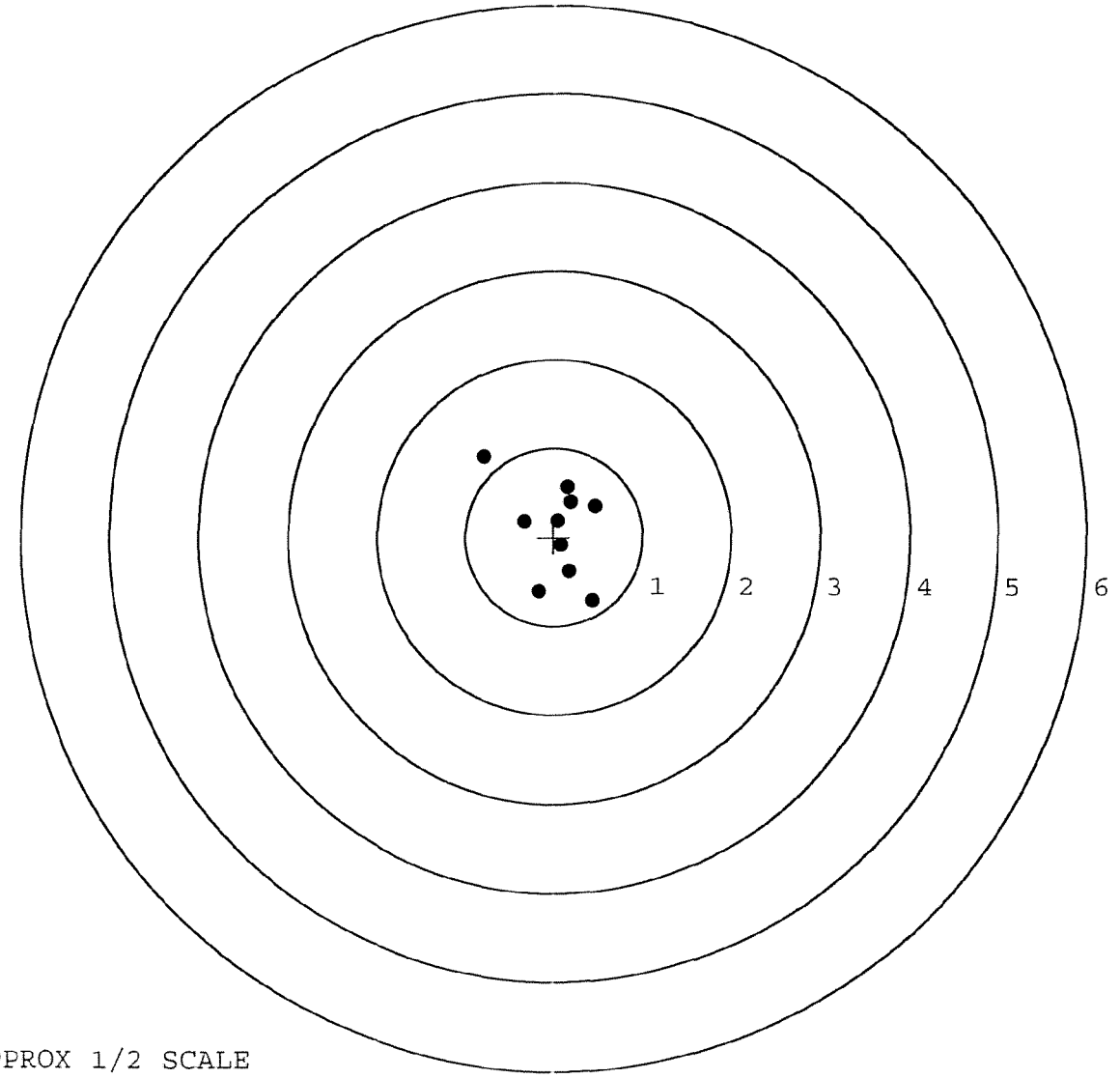
The Average X Centroid of the Five Target Set:	-0.004
The Average Y Centroid of the Five Target Set:	0.016
The Average Point of Impact of the Five Target Set:	0.016
The Average Mean Radius of the Five Target Set:	0.563
The Distance from POA to Centroid Target #1:	0.080
The Distance from Centroid Target #2 to Centroid Target #1:	0.120
The Distance from Centroid Target #3 to Centroid Target #1:	0.164
The Distance from Centroid Target #4 to Centroid Target #1:	0.072
The Distance from Centroid Target #5 to Centroid Target #1:	0.107

BARBER - M24 0170763

SERIAL NUMBER: G6645283.__0
TARGET NUMBER: 1
FILE DATE: 08/08/2007
FILE TIME: 01:04

X CENTROID:	0.026
Y CENTROID:	0.075
POA TO CENTROID:	0.080
HORZ SPREAD:	1.248
VERT SPREAD:	1.620
GROUP SPREAD:	2.032
MIN RADIUS:	0.112
MAX RADIUS:	1.159
MEAN RADIUS:	0.530
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.788	0.901
2:	-0.335	0.176
3:	-0.172	-0.616
4:	0.086	-0.088
5:	0.175	-0.392
6:	0.439	-0.719
7:	0.052	0.184
8:	0.460	0.350
9:	0.154	0.561
10:	0.188	0.397



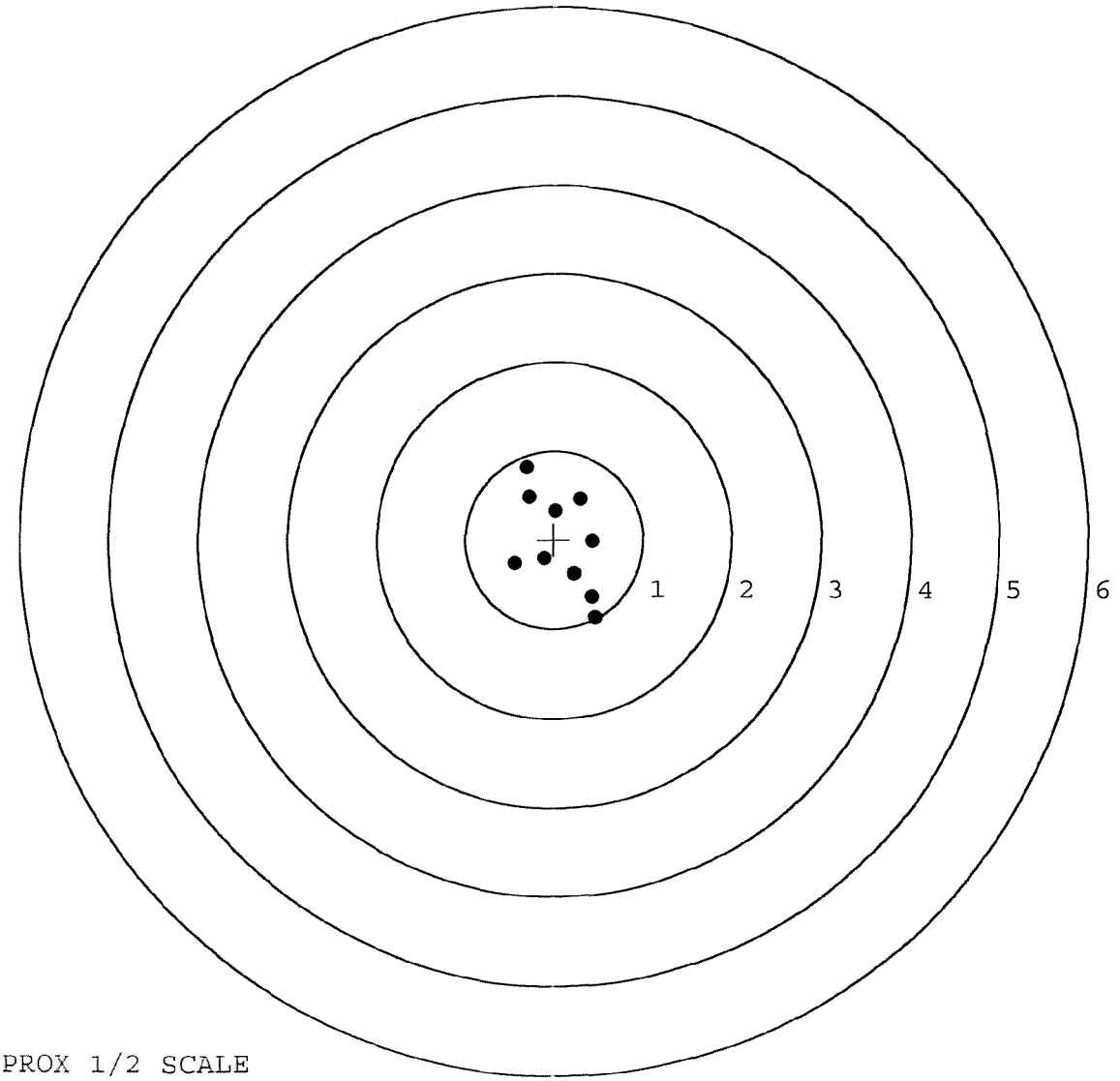
TARGET APPROX 1/2 SCALE

BARBER - M24 0170764

SERIAL NUMBER: G6645283.__0
TARGET NUMBER: 2
FILE DATE: 08/08/2007
FILE TIME: 01:04

X CENTROID:	0.073
Y CENTROID:	-0.034
POA TO CENTROID:	0.081
HORZ SPREAD:	0.903
VERT SPREAD:	1.692
GROUP SPREAD:	1.859
MIN RADIUS:	0.255
MAX RADIUS:	0.932
MEAN RADIUS:	0.566
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.307	0.816
2:	-0.281	0.480
3:	0.016	0.320
4:	0.295	0.458
5:	0.438	-0.018
6:	-0.441	-0.273
7:	-0.107	-0.215
8:	0.227	-0.391
9:	0.428	-0.646
10:	0.462	-0.876



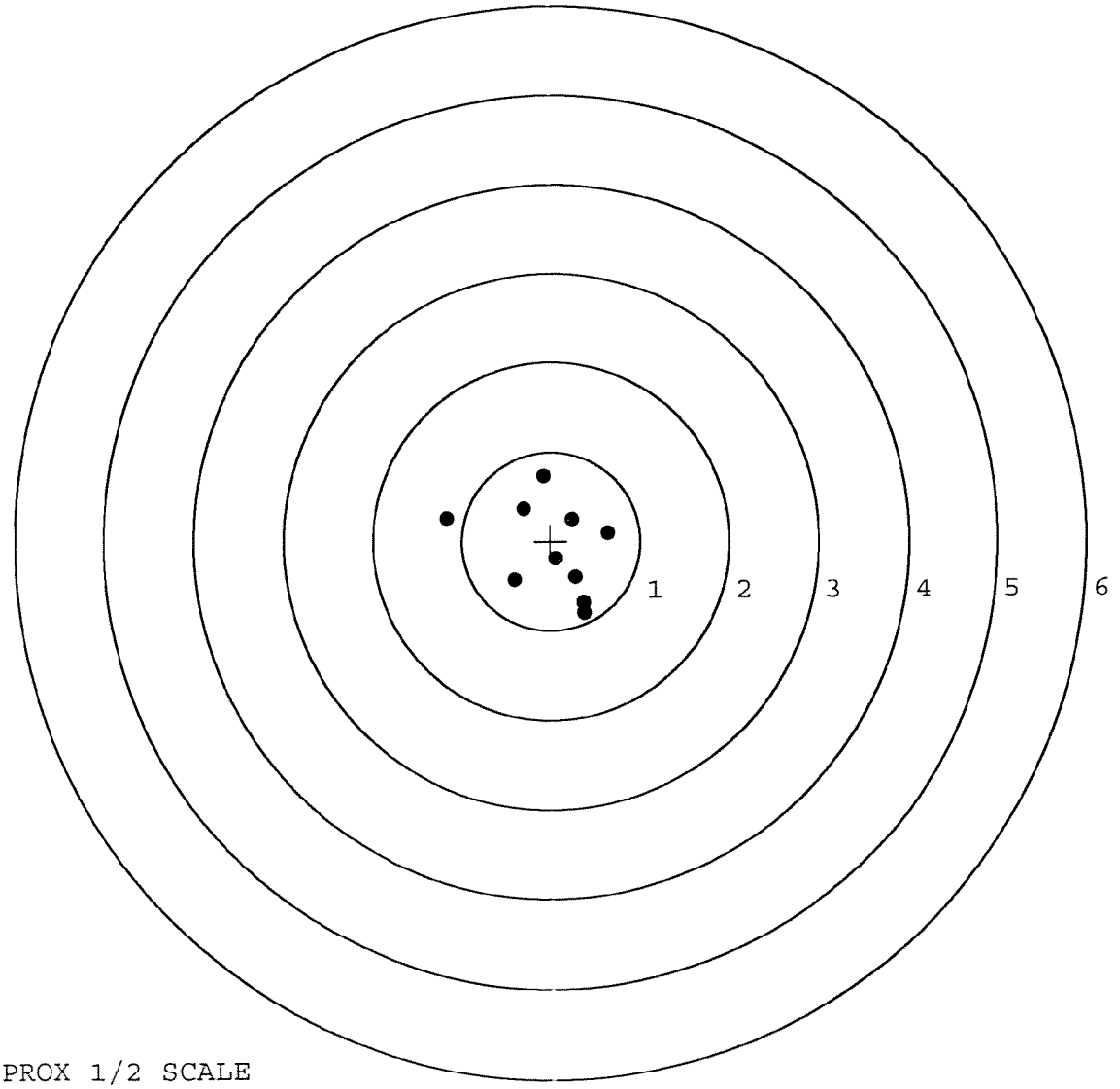
TARGET APPROX 1/2 SCALE

BARBER - M24 0170765

SERIAL NUMBER: G6645283.__0
TARGET NUMBER: 3
FILE DATE: 08/08/2007
FILE TIME: 01:04

X CENTROID:	0.001
Y CENTROID:	-0.086
POA TO CENTROID:	0.086
HORZ SPREAD:	1.806
VERT SPREAD:	1.537
GROUP SPREAD:	1.879
MIN RADIUS:	0.124
MAX RADIUS:	1.219
MEAN RADIUS:	0.627
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.167	0.265
2:	-0.080	0.729
3:	-0.302	0.361
4:	0.242	0.241
5:	0.639	0.091
6:	0.057	-0.197
7:	0.278	-0.411
8:	0.371	-0.698
9:	0.376	-0.808
10:	-0.409	-0.436



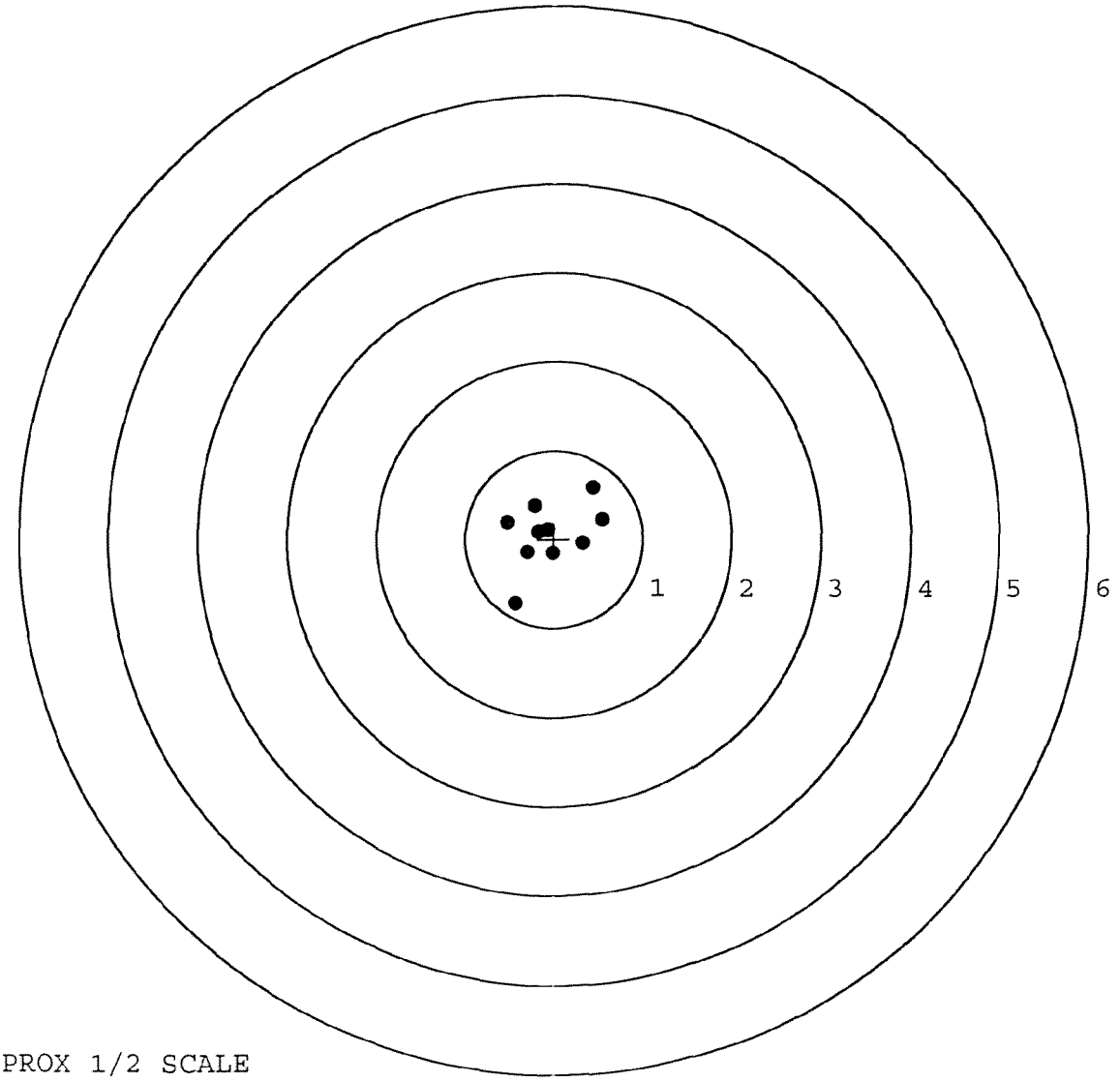
TARGET APPROX 1/2 SCALE

BARBER - M24 0170766

SERIAL NUMBER: G6645283.__0
TARGET NUMBER: 4
FILE DATE: 08/08/2007
FILE TIME: 01:04

X CENTROID:	-0.040
Y CENTROID:	0.048
POA TO CENTROID:	0.063
HORZ SPREAD:	1.076
VERT SPREAD:	1.311
GROUP SPREAD:	1.576
MIN RADIUS:	0.067
MAX RADIUS:	0.872
MEAN RADIUS:	0.421
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.434	-0.730
2:	0.440	0.581
3:	0.545	0.226
4:	0.332	-0.048
5:	-0.009	-0.162
6:	-0.062	0.111
7:	-0.217	0.376
8:	-0.531	0.189
9:	-0.298	-0.149
10:	-0.170	0.083



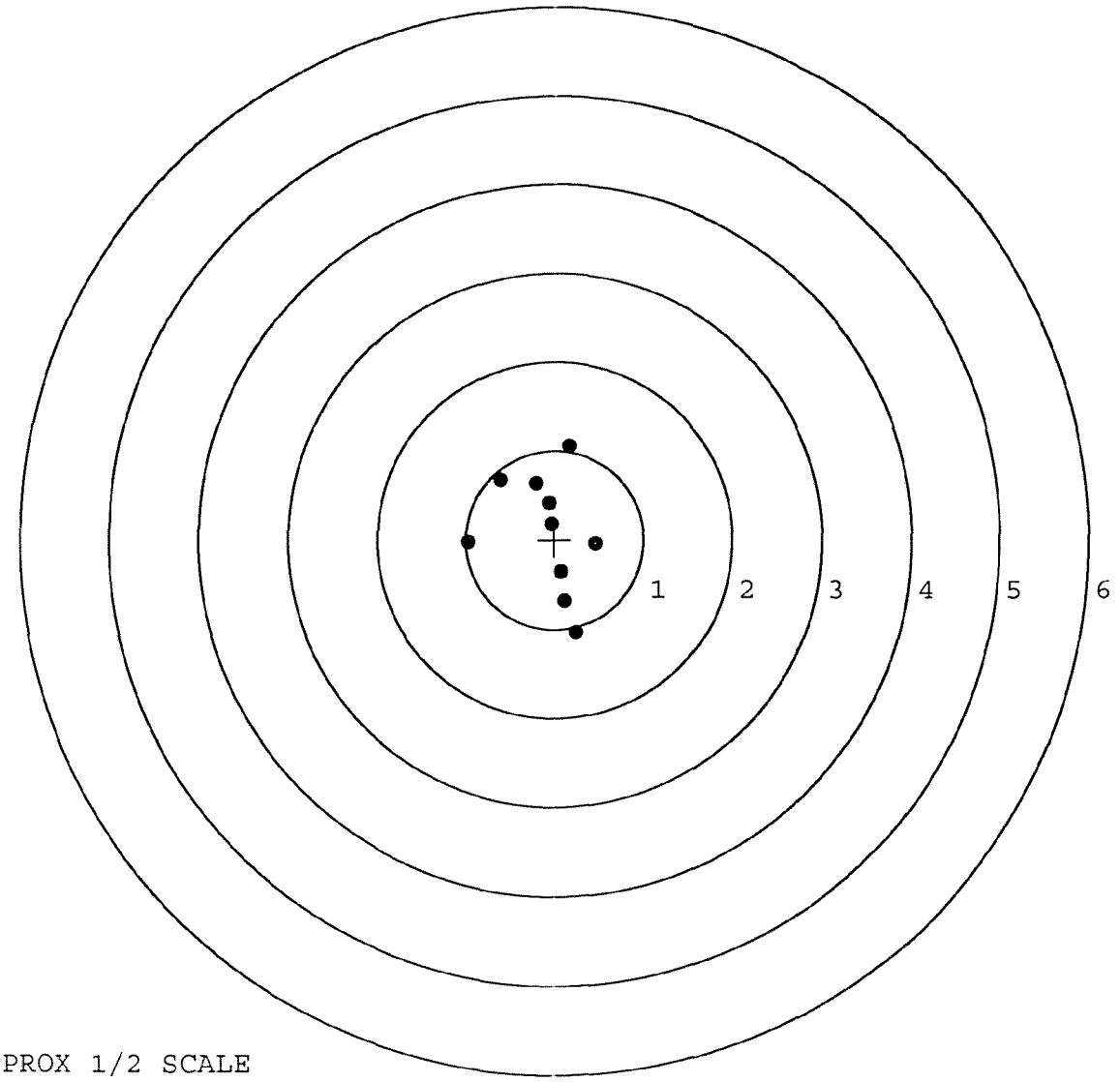
TARGET APPROX 1/2 SCALE

BARBER - M24 0170767

SERIAL NUMBER: G6645283.__0
TARGET NUMBER: 5
FILE DATE: 08/08/2007
FILE TIME: 01:04

X CENTROID:	-0.081
Y CENTROID:	0.076
POA TO CENTROID:	0.111
HORZ SPREAD:	1.436
VERT SPREAD:	2.096
GROUP SPREAD:	2.097
MIN RADIUS:	0.112
MAX RADIUS:	1.167
MEAN RADIUS:	0.670
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.613	0.669
2:	-0.207	0.630
3:	0.172	1.051
4:	-0.028	0.174
5:	-0.972	-0.029
6:	0.464	-0.044
7:	0.079	-0.366
8:	0.115	-0.688
9:	0.243	-1.045
10:	-0.065	0.408



TARGET APPROX 1/2 SCALE