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

BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

– INSTUCTION BOOK 3518

BM FORM

proof of purchase 0 47700 25716 7 G6693317

owner registration sticker 0 47700 25716 7 G6693317

ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6693317

UPC 0 47700 25716 7

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 0177736 **INSPECTION CHECKLIST-NEW GUNS**

GUN SERIAL # G6693317

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10/9/07	S.E.D.
420	ASSEMBLE ACTION		10-8-07	SD
430	ASSEMBLE TO STOCK		10-8-07	SD
440	PROOF	MAGNA - FLUX	10/8/07	
460	CHECK HEADSPACE		10/8/07	
470	DIS-ASSEMBLE ACTION		10-8-07	SD
480	MAGNAFLUX BBL ACTION	OPERATOR	10/11/07	
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-9-07	CW
510	DRILL AND TAP SIGHT HOLES		10-10-07	TRW
520	GOFF BLAST BBL / REC		10-12-07	
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/12/07	
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		10-29-07	RTR
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-29-07	RTR
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-29-07	RTR
	D) OIL FIRING PIN ASSEMBLY		10-29-07	RTR
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/30/07	

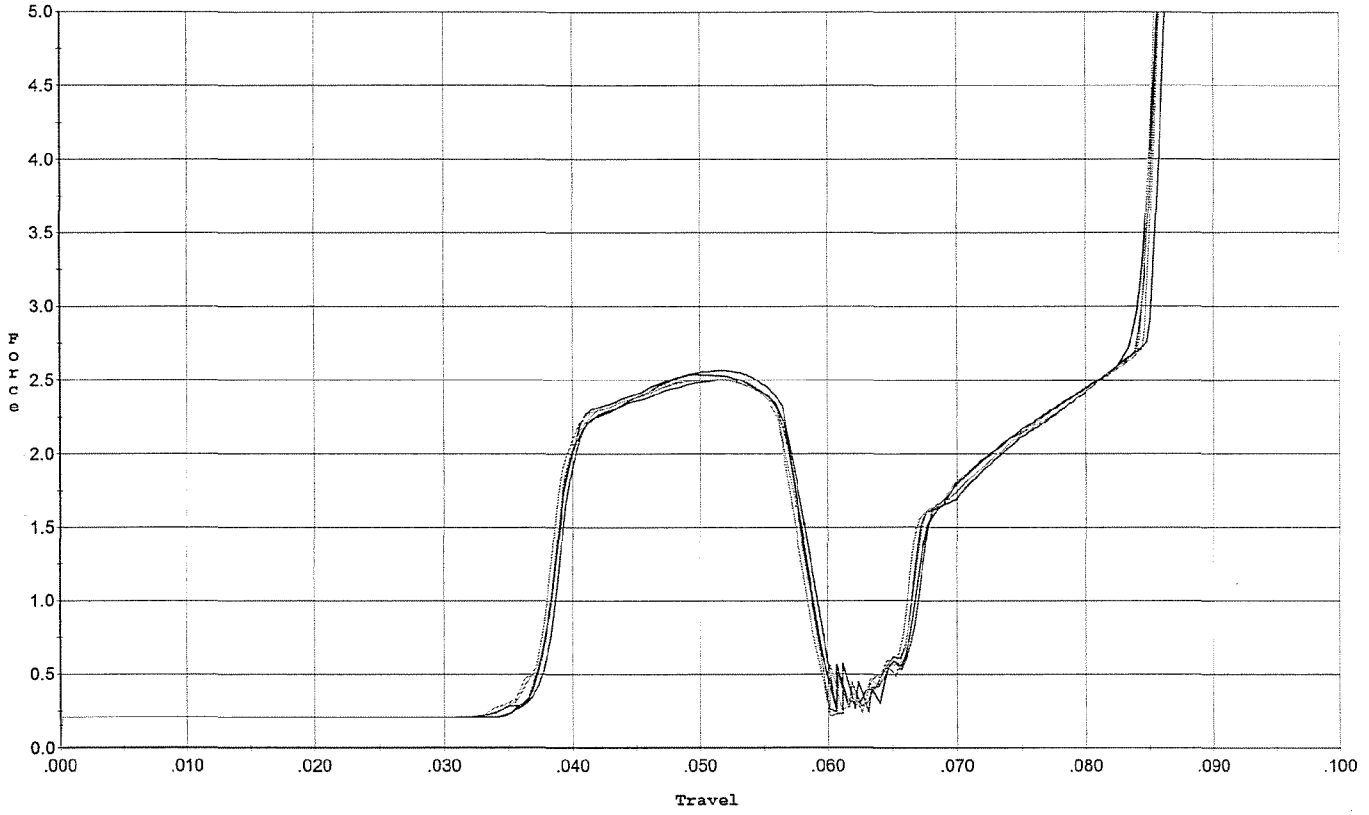
F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
	BARBER - M24 0177737			
560	F) SAFETY ON FORCE (2 LBS MIN / 10 LBS MAX)	7.5 8.0 7.5	10-30-07	TRW
CONT.	G) SAFETY OFF FORCE (2 LBS MIN)	3.25 2.5 3.25	10-30-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		10/30/07	
	I) FIRING PIN INDENT (.020 MIN)	.023⁵ .023 .023	10-30-07	TRW
	J) ASSEMBLE STOCK		10-30-07	RTL
	K) ASSEMBLE SWIVEL STUDS		10-30-07	
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10/30/07	
	M) IRON SIGHT ALIGNMENT		10/30/07	
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10/30/07	
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL / PASS FAIL	10-30-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10/30/07	RLF
670	FINAL INSPECTION A) HEADSPACE		10/30/07	
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.56 2.46 2.49 2.06 2.25	10-30-07	TRW
	C) FUNCTION		10/30/07	
690	PACK		10/31/07	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 10/27/07		



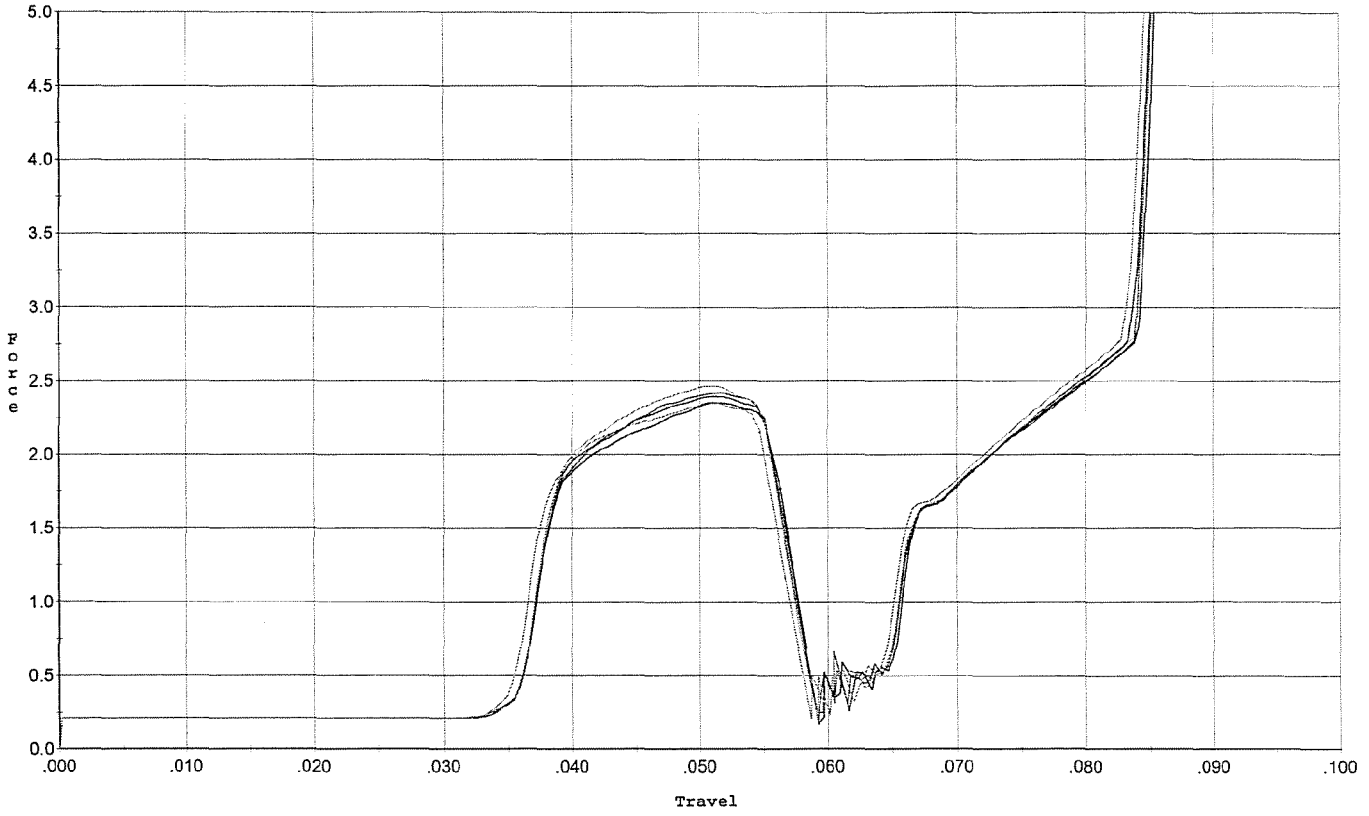
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.563	0.058	0.037	0.035	0.054		Set Trigger
2	2.539	0.057	0.037	0.035	0.053		Set Trigger
3	2.503	0.057	0.037	0.035	0.053		Set Trigger
4	2.504	0.056	0.036	0.035	0.052		Set Trigger
5	2.506	0.057	0.036	0.035	0.053		Set Trigger

Avg 2.52

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/27/2007 1:41:12 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 10/27/07		



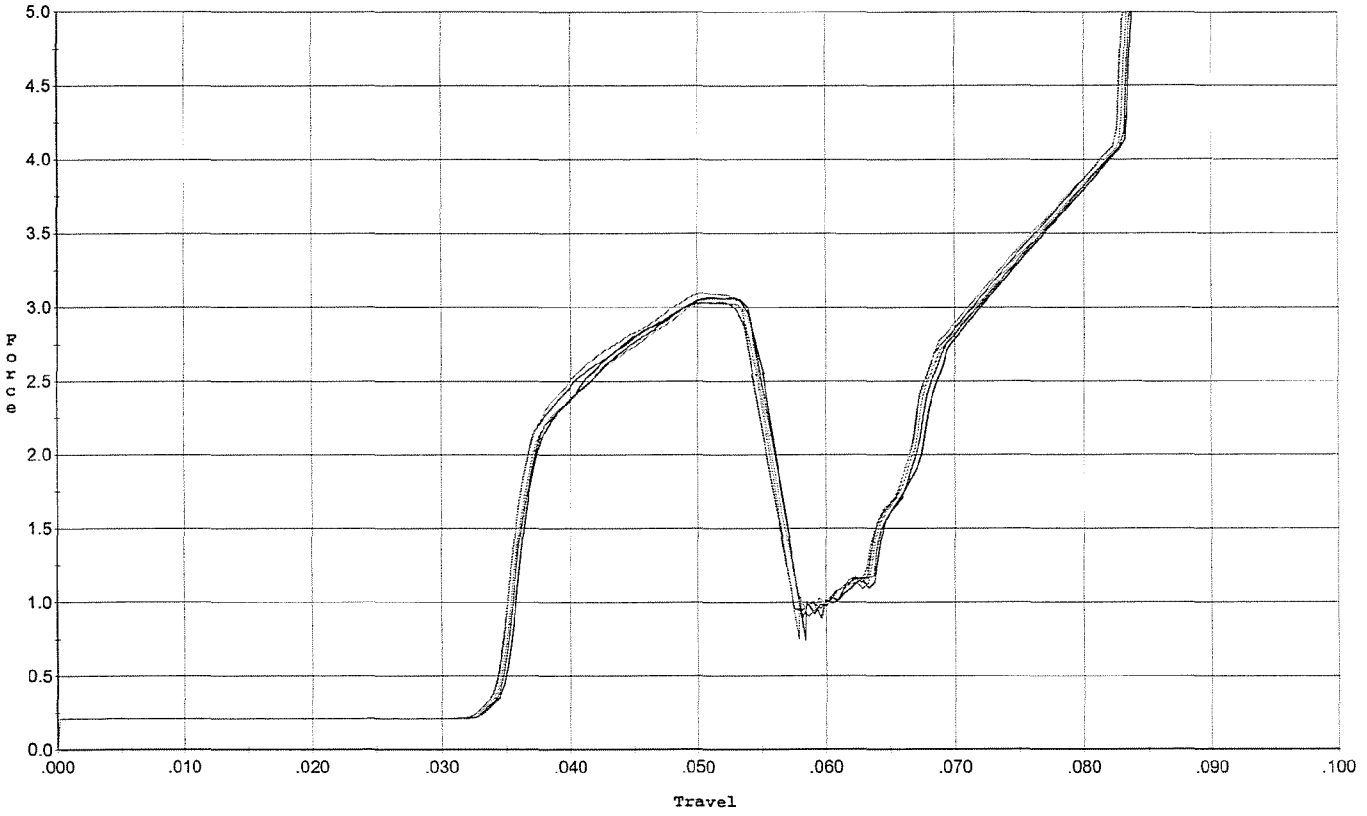
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.395	0.057	0.036	0.035	0.050		Set Trigger
2	2.352	0.056	0.036	0.035	0.049		Set Trigger
3	2.420	0.055	0.036	0.036	0.049		Set Trigger
4	2.466	0.055	0.036	0.036	0.050		Set Trigger
5	2.358	0.055	0.035	0.036	0.048		Set Trigger

Avg 2.39

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/27/2007 1:43:34 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 10/27/07		



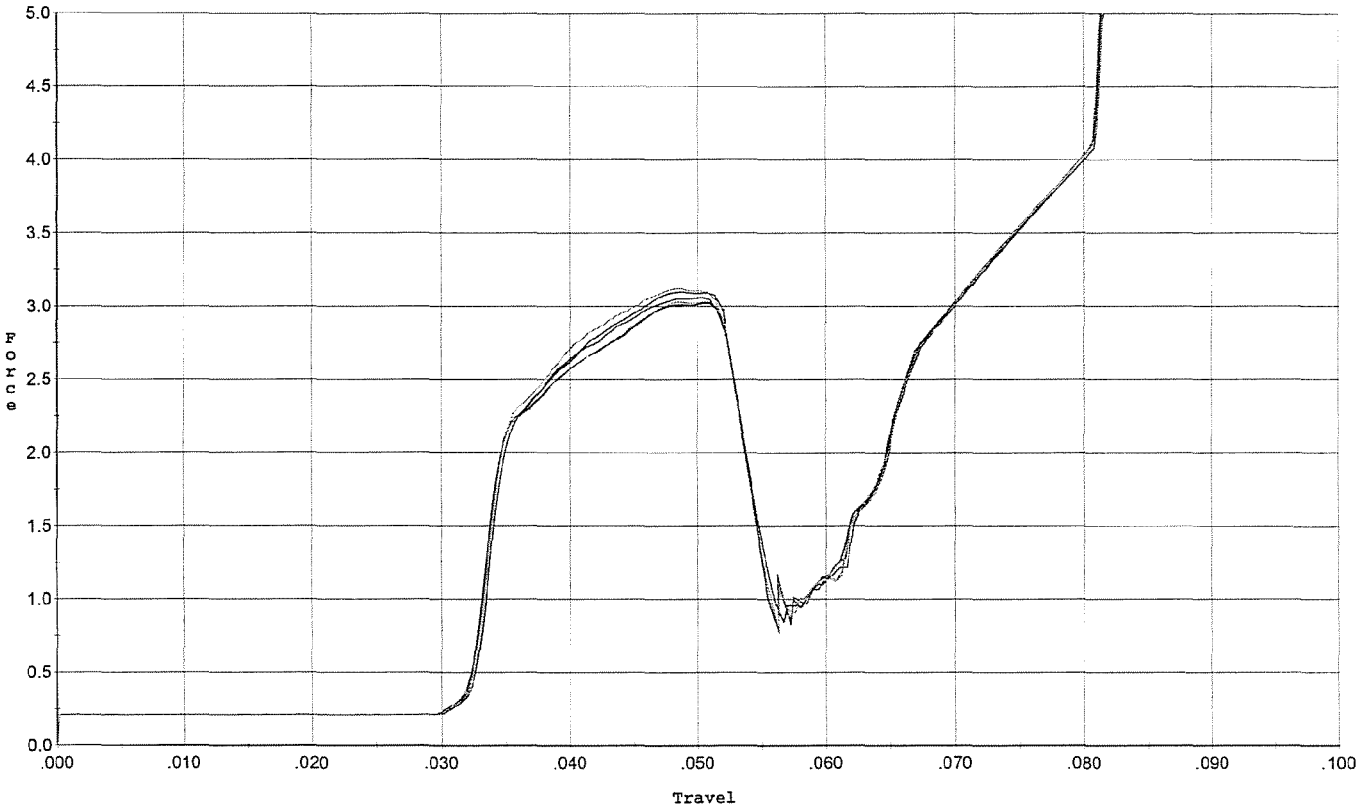
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.062	0.056	0.034	0.034	0.061		Set Trigger
2	3.067	0.055	0.035	0.034	0.061		Set Trigger
3	3.035	0.054	0.034	0.034	0.059		Set Trigger
4	3.036	0.054	0.034	0.034	0.059		Set Trigger
5	3.097	0.055	0.034	0.034	0.061		Set Trigger

Avg 3.05

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/27/2007 1:46:47 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 10/27/07		



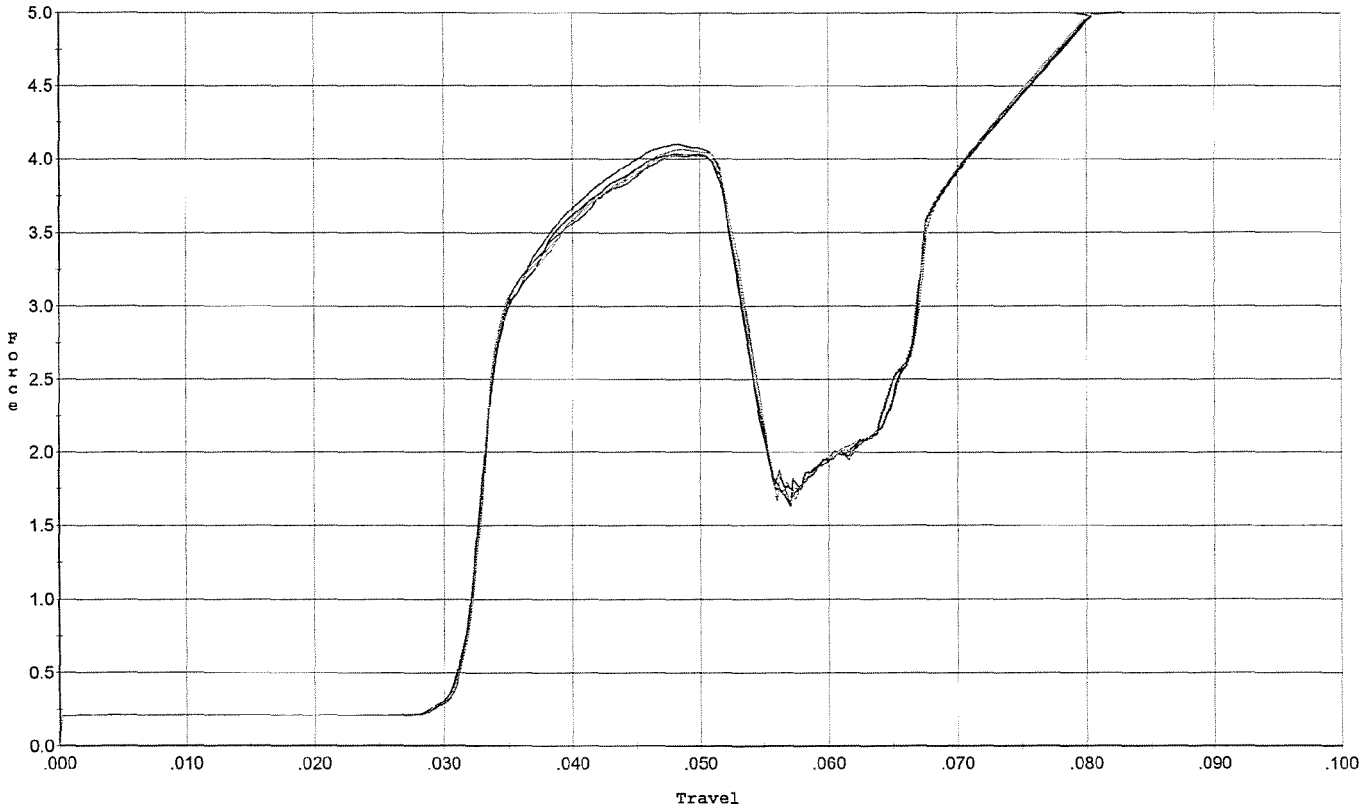
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.101	0.052	0.032	0.033	0.060		Set Trigger
2	3.021	0.052	0.032	0.033	0.059		Set Trigger
3	3.060	0.052	0.032	0.033	0.060		Set Trigger
4	3.122	0.052	0.032	0.033	0.061		Set Trigger
5	3.031	0.052	0.032	0.033	0.059		Set Trigger

Avg 3.06

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/27/2007 1:48:07 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 10/27/07		



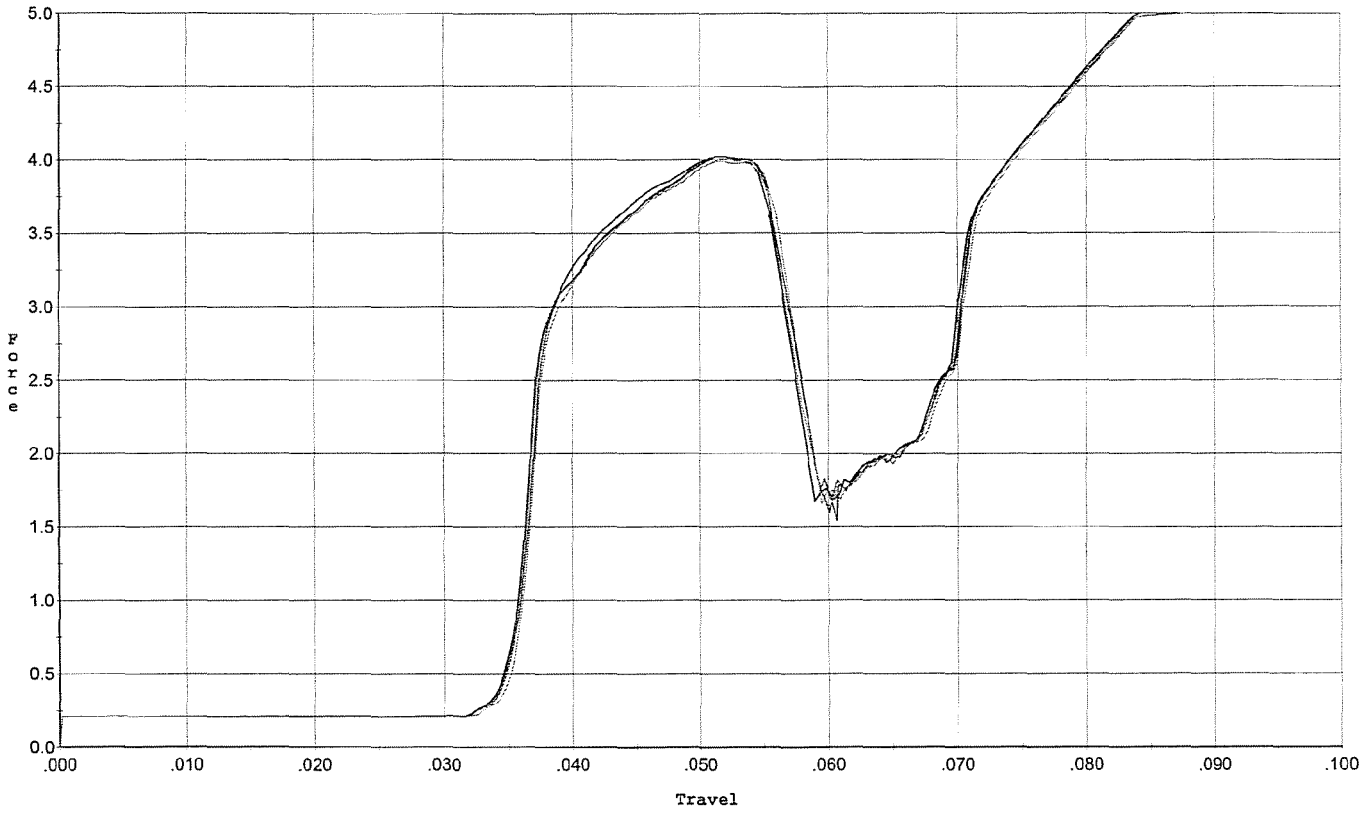
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.101	0.052	0.030	0.032	0.080		Set Trigger
2	4.036	0.052	0.031	0.032	0.079		Set Trigger
3	4.025	0.054	0.031	0.032	0.083		Set Trigger
4	4.031	0.052	0.031	0.032	0.079		Set Trigger
5	4.067	0.053	0.031	0.032	0.082		Set Trigger

Avg 4.05

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/27/2007 1:49:26 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 10/27/07		



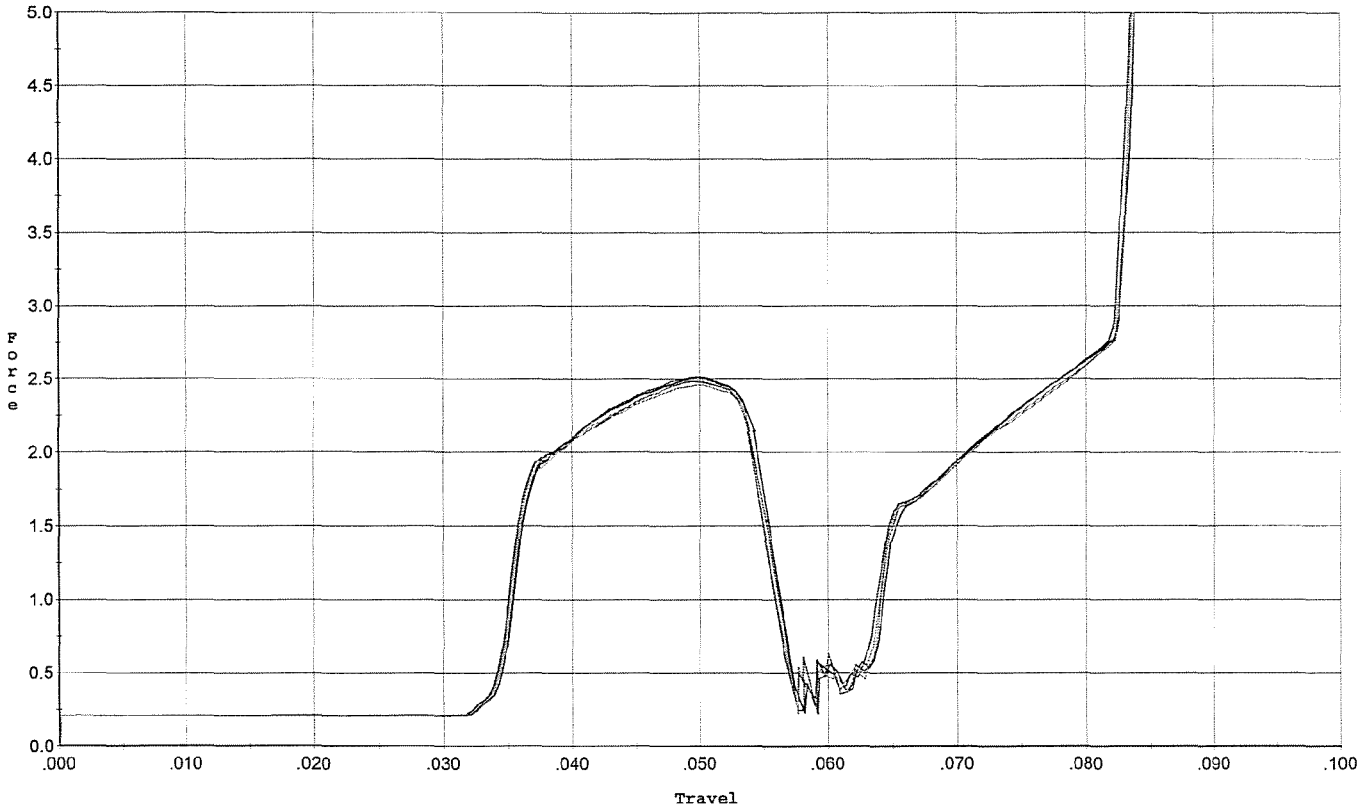
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.024	0.057	0.034	0.033	0.083		Set Trigger
2	4.024	0.056	0.034	0.033	0.081		Set Trigger
3	4.025	0.055	0.034	0.033	0.080		Set Trigger
4	4.011	0.056	0.035	0.033	0.081		Set Trigger
5	3.992	0.055	0.034	0.033	0.079		Set Trigger

Avg 4.01

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/27/2007 1:50:55 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 10/27/07		



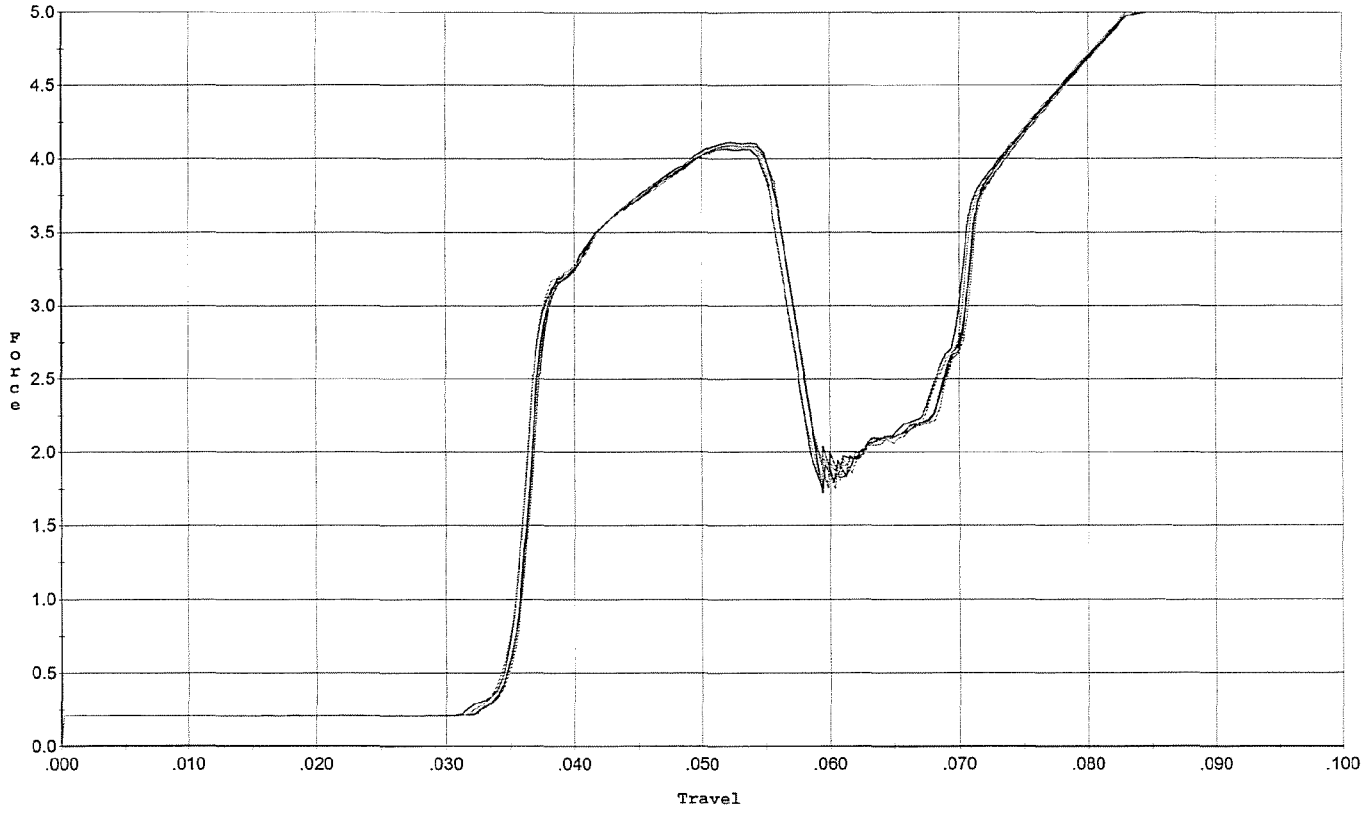
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.480	0.054	0.034	0.035	0.050		Set Trigger
2	2.513	0.054	0.034	0.035	0.051		Set Trigger
3	2.512	0.055	0.034	0.035	0.052		Set Trigger
4	2.492	0.054	0.034	0.035	0.050		Set Trigger
5	2.456	0.054	0.034	0.035	0.050		Set Trigger

Avg 2.49

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/27/2007 1:52:37 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 10/27/07		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.066	0.055	0.034	0.033	0.082		Set Trigger
2	4.112	0.056	0.034	0.033	0.084		Set Trigger
3	4.091	0.056	0.034	0.033	0.083		Set Trigger
4	4.093	0.055	0.034	0.033	0.082		Set Trigger
5	4.085	0.056	0.034	0.033	0.082		Set Trigger

Avg 4.08

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/27/2007 1:55:01 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6693317.__0
FILE DATE AND TIME: 10/30/2007 11:47

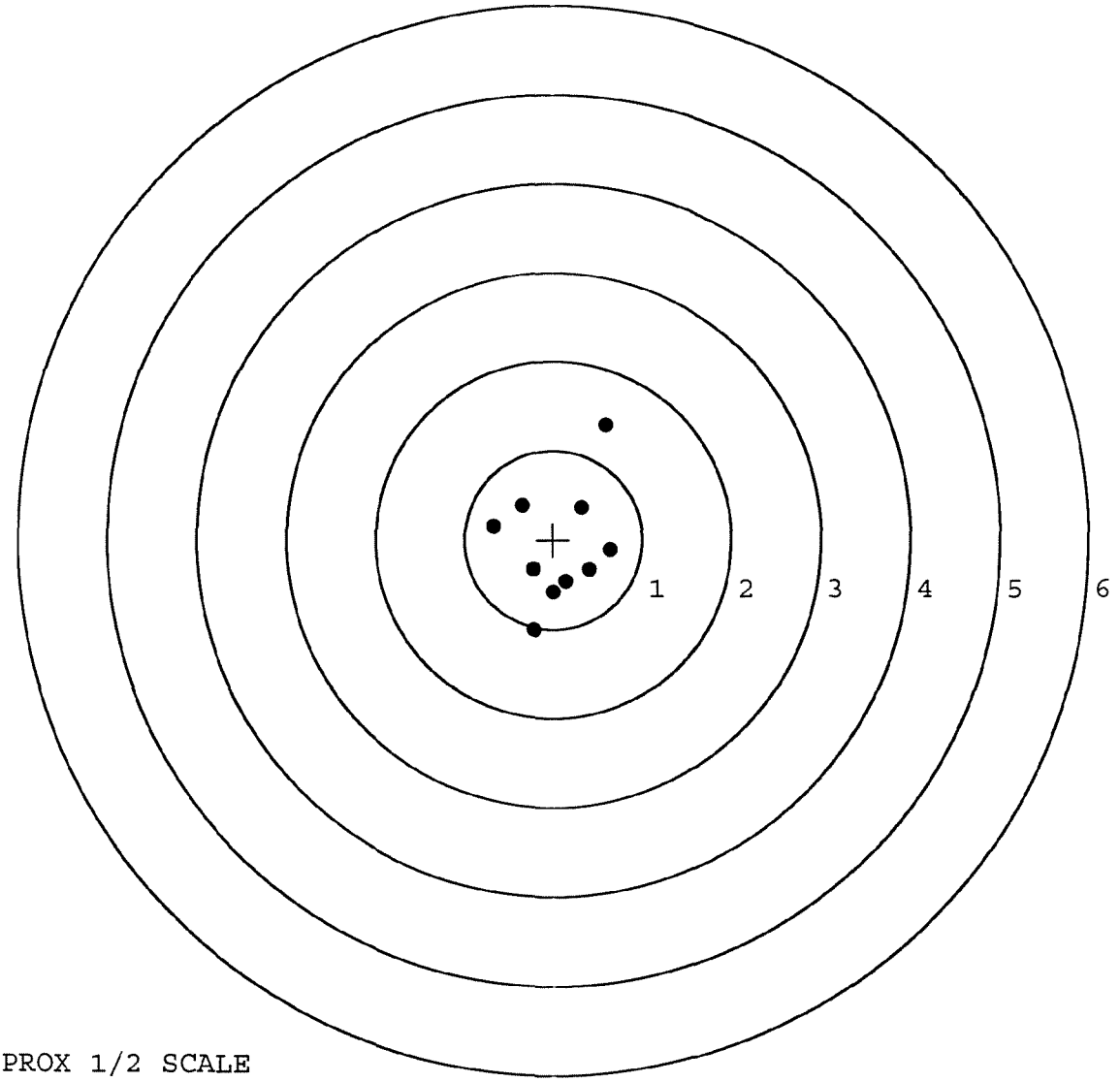
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.044
The Average Y Centroid of the Five Target Set:	-0.017
The Average Point of Impact of the Five Target Set:	0.047
The Average Mean Radius of the Five Target Set:	0.576
The Distance from POA to Centroid Target #1:	0.094
The Distance from Centroid Target #2 to Centroid Target #1:	0.104
The Distance from Centroid Target #3 to Centroid Target #1:	0.108
The Distance from Centroid Target #4 to Centroid Target #1:	0.061
The Distance from Centroid Target #5 to Centroid Target #1:	0.151

SERIAL NUMBER: G6693317.__0
TARGET NUMBER: 1
FILE DATE: 10/30/2007
FILE TIME: 11:47

X CENTROID:	0.064
Y CENTROID:	-0.068
POA TO CENTROID:	0.094
HORZ SPREAD:	1.318
VERT SPREAD:	2.300
GROUP SPREAD:	2.439
MIN RADIUS:	0.393
MAX RADIUS:	1.452
MEAN RADIUS:	0.667
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.217	-1.017
2:	0.000	-0.587
3:	0.142	-0.469
4:	0.412	-0.337
5:	0.641	-0.115
6:	0.317	0.361
7:	-0.223	-0.337
8:	0.594	1.283
9:	-0.349	0.383
10:	-0.677	0.150

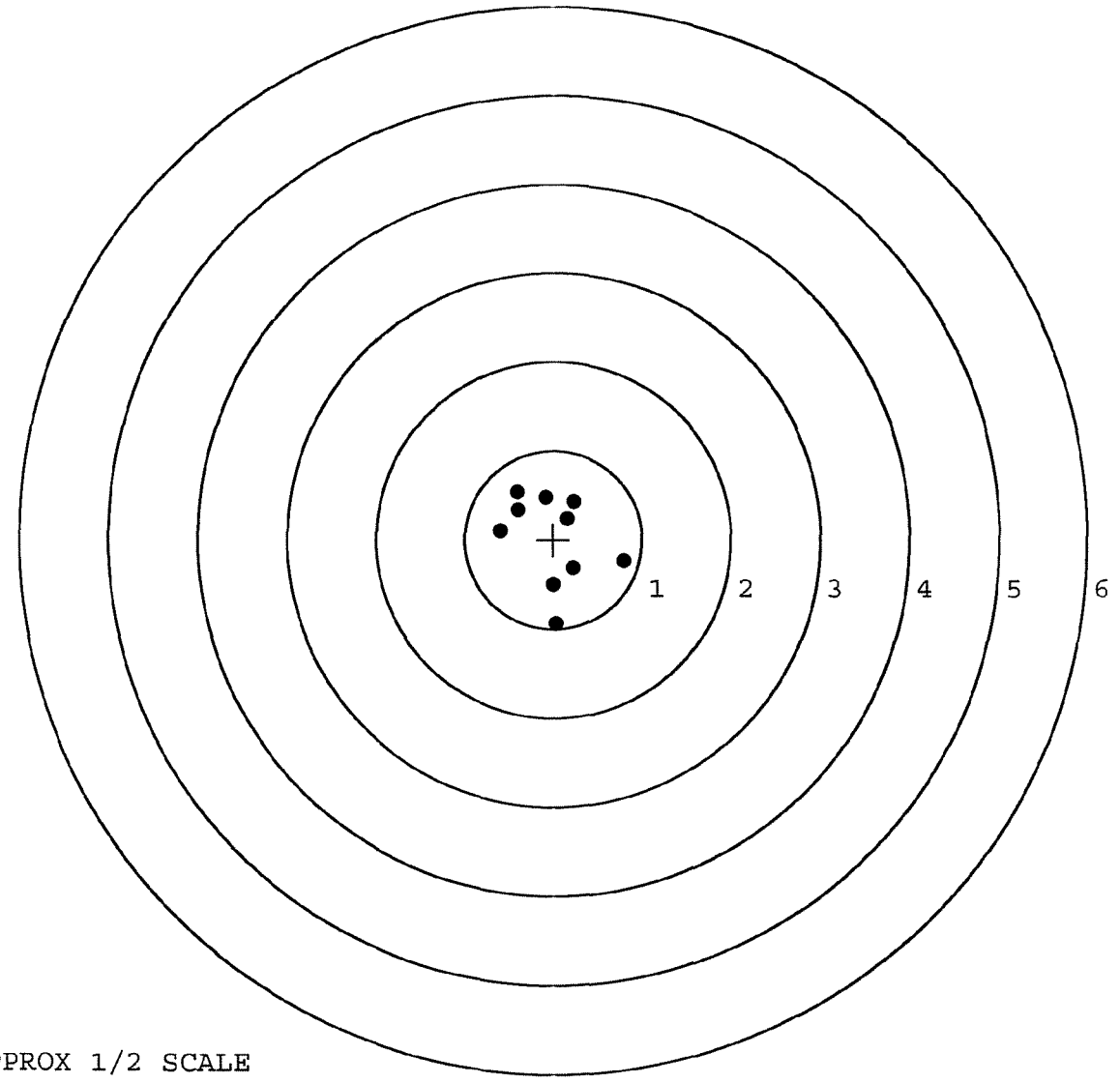


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6693317.__0
TARGET NUMBER: 2
FILE DATE: 10/30/2007
FILE TIME: 11:47

X CENTROID:	-0.006
Y CENTROID:	0.009
POA TO CENTROID:	0.011
HORZ SPREAD:	1.403
VERT SPREAD:	1.482
GROUP SPREAD:	1.546
MIN RADIUS:	0.280
MAX RADIUS:	0.958
MEAN RADIUS:	0.574
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.033	-0.948
2:	0.001	-0.512
3:	0.226	-0.323
4:	0.799	-0.244
5:	0.155	0.238
6:	0.230	0.429
7:	-0.089	0.479
8:	-0.407	0.534
9:	-0.401	0.335
10:	-0.604	0.103

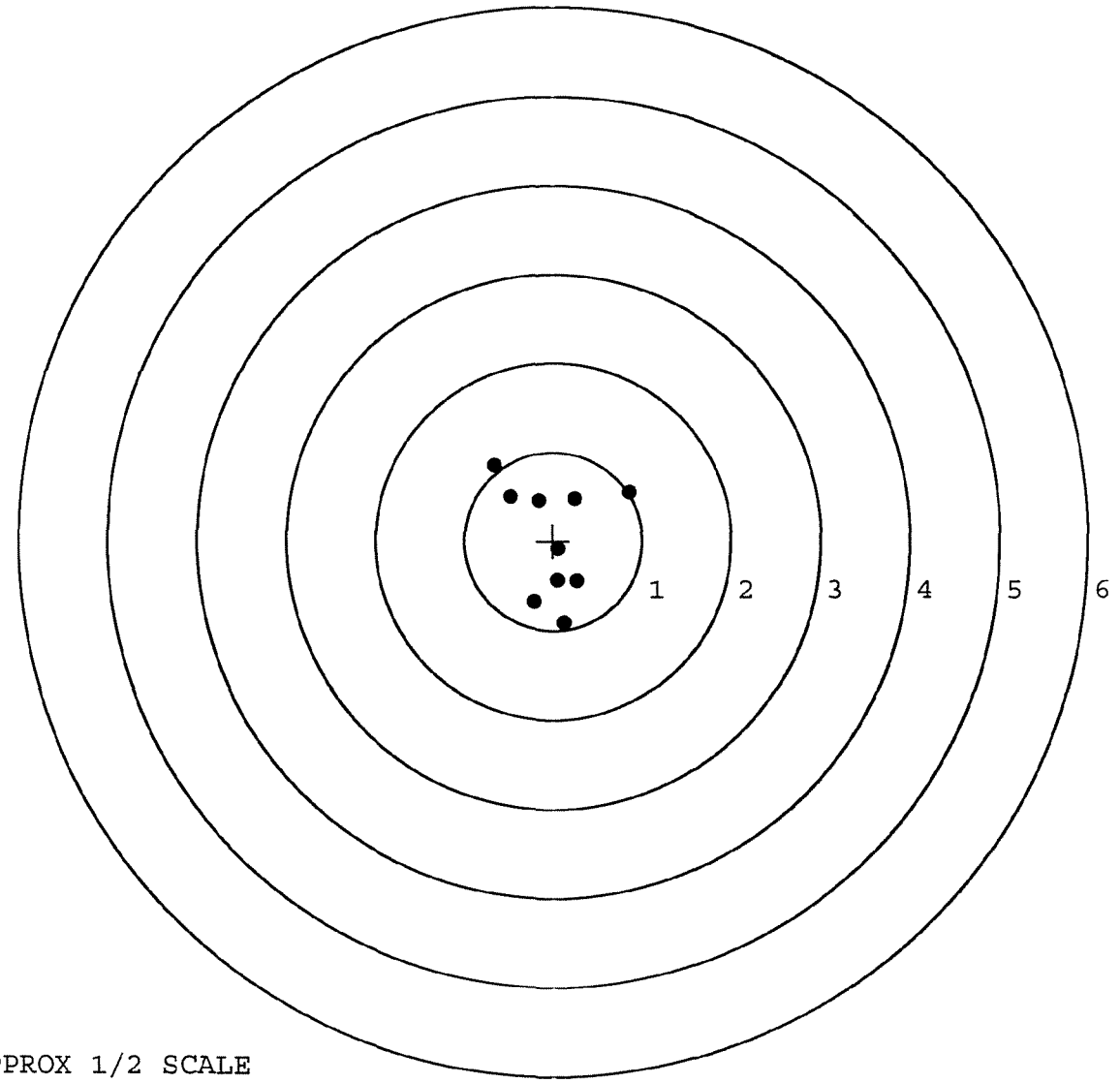


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6693317.__0
TARGET NUMBER: 3
FILE DATE: 10/30/2007
FILE TIME: 11:47

X CENTROID:	0.007
Y CENTROID:	0.023
POA TO CENTROID:	0.024
HORZ SPREAD:	1.524
VERT SPREAD:	1.774
GROUP SPREAD:	1.940
MIN RADIUS:	0.120
MAX RADIUS:	1.067
MEAN RADIUS:	0.656
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.121	-0.921
2:	-0.219	-0.693
3:	0.268	-0.452
4:	0.051	-0.446
5:	0.055	-0.087
6:	0.860	0.545
7:	0.243	0.474
8:	-0.161	0.460
9:	-0.485	0.500
10:	-0.664	0.853

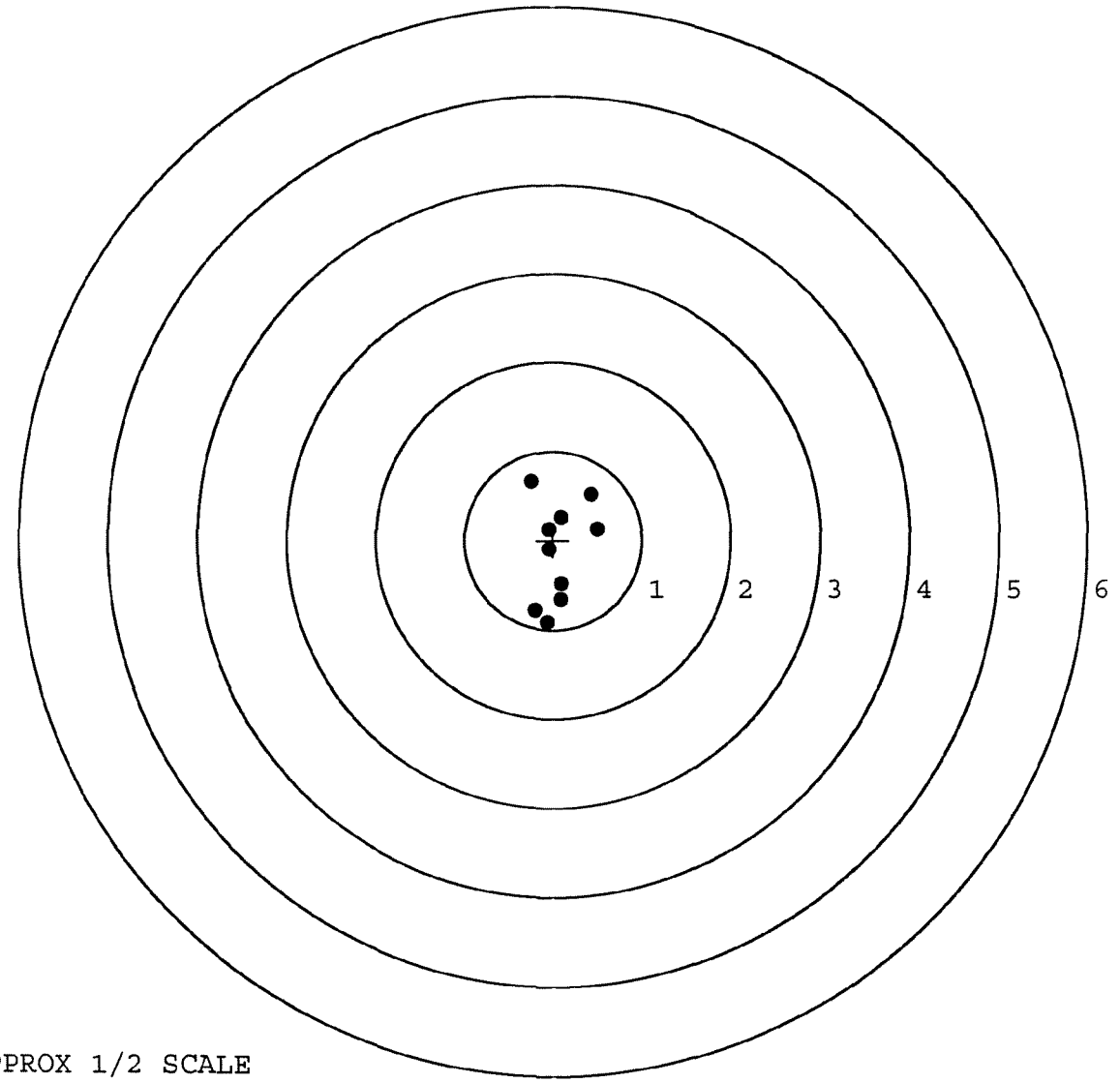


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6693317.__0
TARGET NUMBER: 4
FILE DATE: 10/30/2007
FILE TIME: 11:47

X CENTROID:	0.060
Y CENTROID:	-0.129
POA TO CENTROID:	0.142
HORZ SPREAD:	0.747
VERT SPREAD:	1.579
GROUP SPREAD:	1.589
MIN RADIUS:	0.104
MAX RADIUS:	0.844
MEAN RADIUS:	0.528
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.498	0.133
2:	0.431	0.516
3:	-0.249	0.656
4:	0.091	0.256
5:	-0.043	0.125
6:	-0.041	-0.105
7:	0.097	-0.491
8:	0.092	-0.669
9:	-0.204	-0.788
10:	-0.070	-0.923



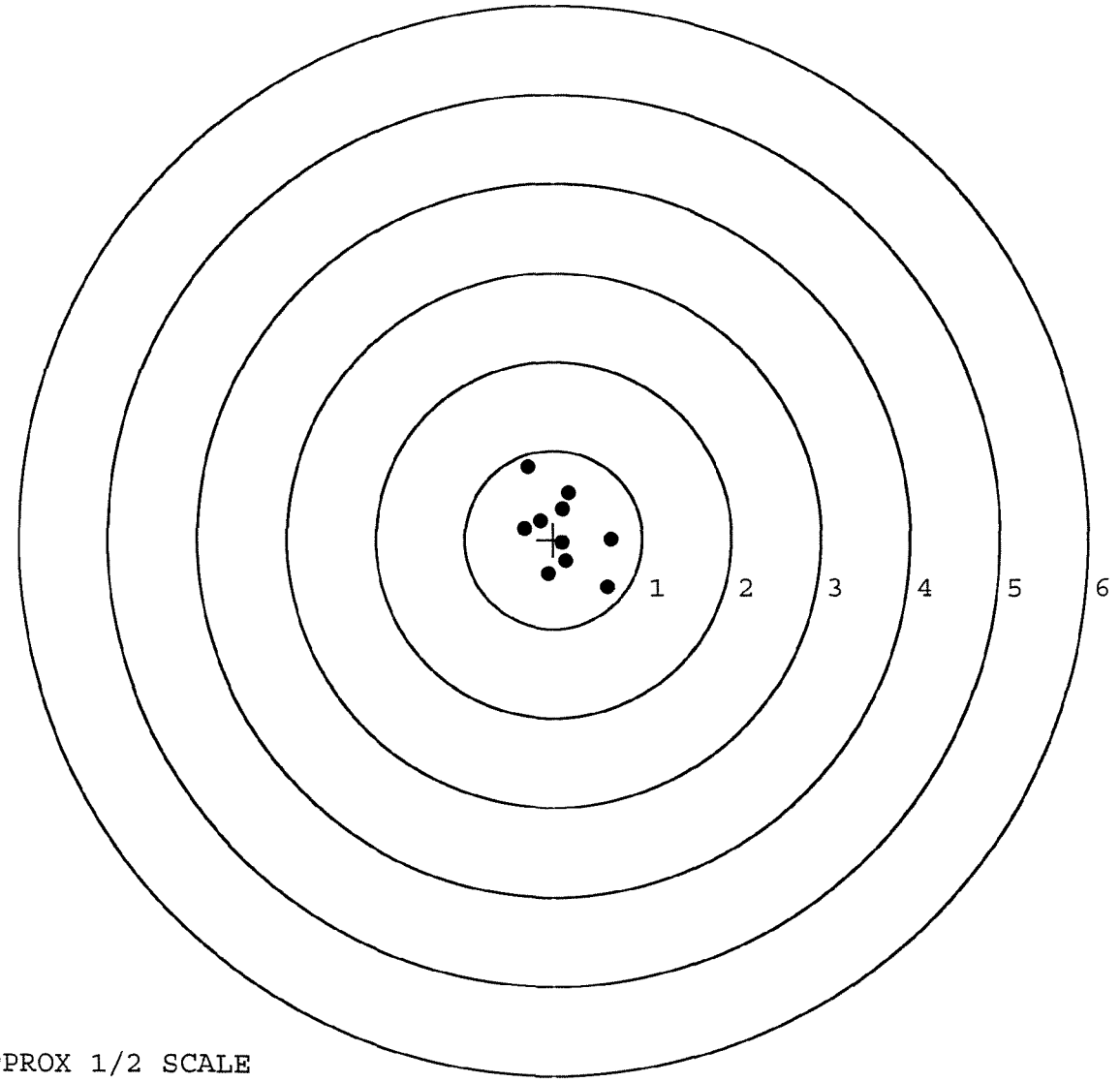
TARGET APPROX 1/2 SCALE

BARBER - M24 0177751

SERIAL NUMBER: G6693317.__0
TARGET NUMBER: 5
FILE DATE: 10/30/2007
FILE TIME: 11:47

X CENTROID:	0.095
Y CENTROID:	0.079
POA TO CENTROID:	0.124
HORZ SPREAD:	0.978
VERT SPREAD:	1.354
GROUP SPREAD:	1.627
MIN RADIUS:	0.114
MAX RADIUS:	0.828
MEAN RADIUS:	0.455
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.293	0.811
2:	0.168	0.525
3:	0.102	0.346
4:	0.650	-0.006
5:	0.610	-0.543
6:	-0.328	0.115
7:	-0.149	0.209
8:	0.102	-0.034
9:	0.141	-0.240
10:	-0.054	-0.390



TARGET APPROX 1/2 SCALE