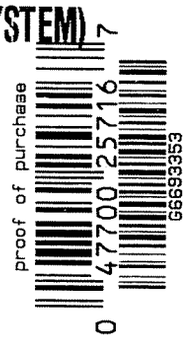
G 669 353

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

– INSTUCTION BOOK 3518

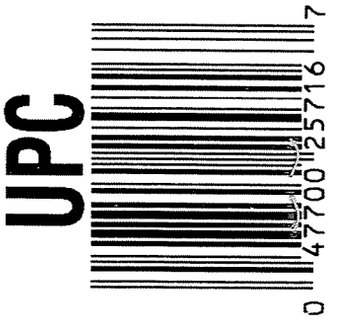


BM FORM

ORDER NO. 25716

BARREL LENGTH	24"
CAPACITY	6

G6693353



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 0180269 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6693353

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10/9/07	S.P.D.
420	ASSEMBLE ACTION		10-8-07	SD
430	ASSEMBLE TO STOCK		10-8-07	SD
440	PROOF	MAGNA - FLUX	10/8/07	[illegible]
460	CHECK HEADSPACE	OCT 1 1 2007	10/8/07	[illegible]
470	DIS-ASSEMBLE ACTION		10-8-07	SD
480	MAGNAFLUX BBL ACTION	OPERATOR [illegible]	10/11/07	[illegible]
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10/10/07	CW
510	DRILL AND TAP SIGHT HOLES		10-10-07	TRW
520	GOFF BLAST BBL / REC		10-12-07	[illegible]
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/12/07	[illegible]
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		10/29/07	S.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10/29/07	S.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10/29/07	S.P.D.
	D) OIL FIRING PIN ASSEMBLY		11/06/07	S.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE **2.50 LBS +/- .5 LBS**			

F004 REV 5/2006

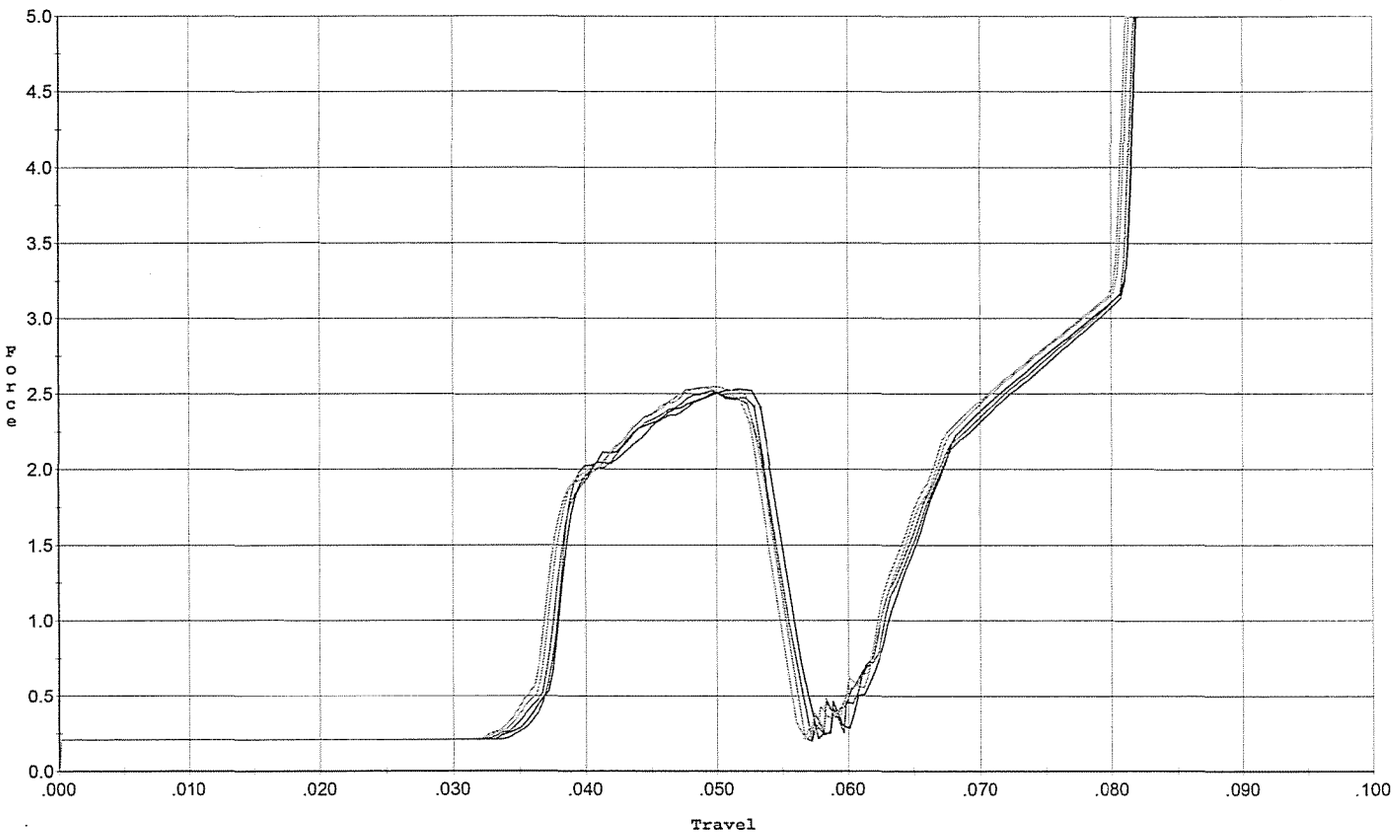
OP #	OPERATION NAME	READINGS	DATE	INITIAL
	BARBER - M24 0180270			
560	F) SAFETY ON FORCE (2 LBS MIN / 10 LBS MAX)	5# 5# 5#	11-14-07	DA
CONT.	G) SAFETY OFF FORCE (2 LBS MIN)	3# 3# 3#	11-14-07	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT (.020 MIN)	.024 .024 .024	11-14-07	DA
	J) ASSEMBLE STOCK		11/6/07	
	K) ASSEMBLE SWIVEL STUDS		11-14-07	DA
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		11-27-07	RTR
	M) IRON SIGHT ALIGNMENT		11-27-07	RTR
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		11-27-07	RTR
640 &	FUNCTION TEST AND	(PASS) FAIL		
650	TARGET	(PASS) FAIL	11-12-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		11-12-07	FM
670	FINAL INSPECTION A) HEADSPACE		11-27-07	RTR
	B) TRIGGER PULL (+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS)	2.34 2.48 2.47 2.36 2.40	11-14-07	DA
	C) FUNCTION			
690	PACK		11-27-07	DA

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 10/26/07		



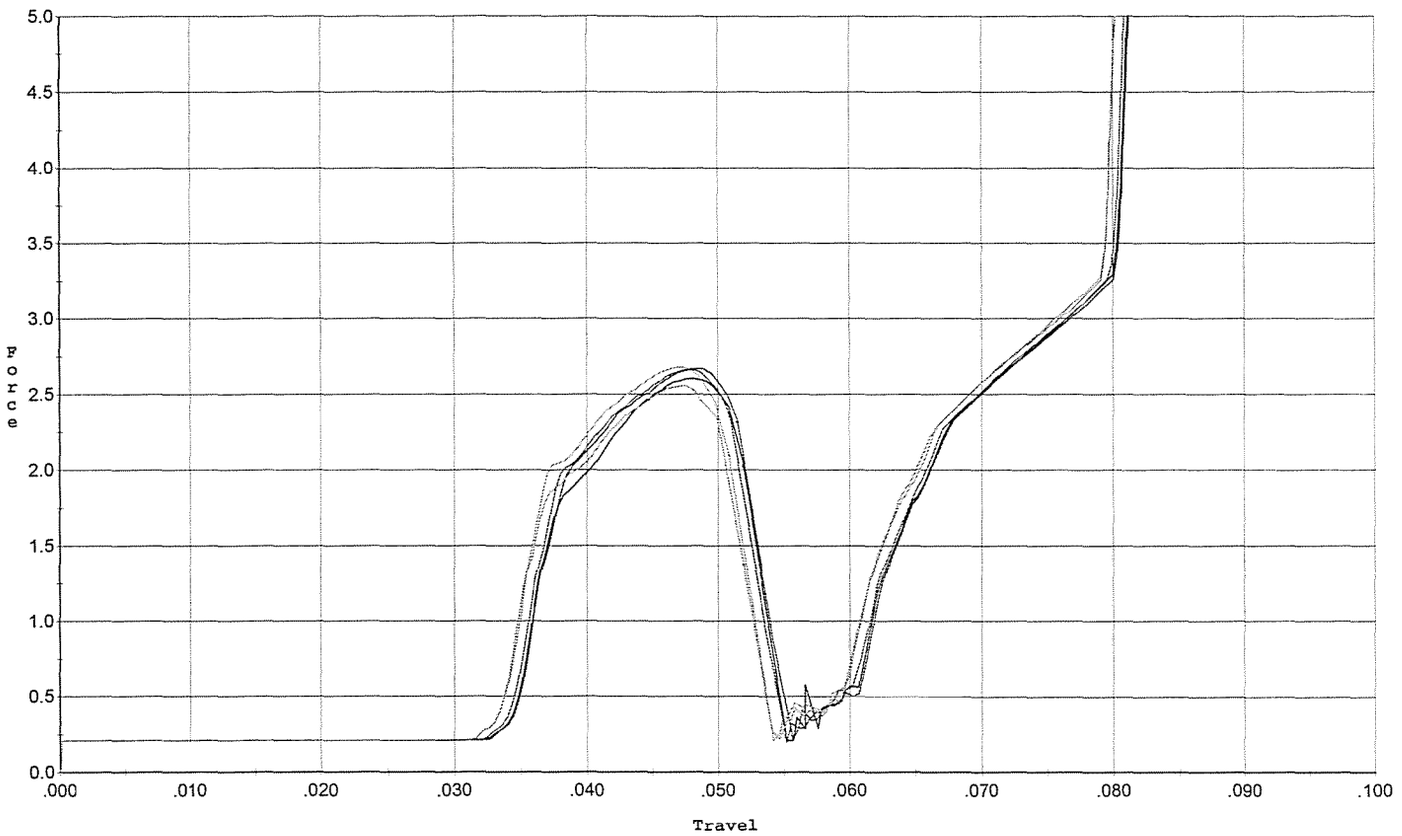
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.510	0.053	0.037	0.035	0.044		Set Trigger
2	2.531	0.053	0.036	0.034	0.045		Set Trigger
3	2.518	0.053	0.037	0.035	0.045		Set Trigger
4	2.547	0.053	0.037	0.034	0.046		Set Trigger
5	2.539	0.052	0.035	0.034	0.045		Set Trigger

Avg 2.52

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/26/2007 8:34:32 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 10/26/07		



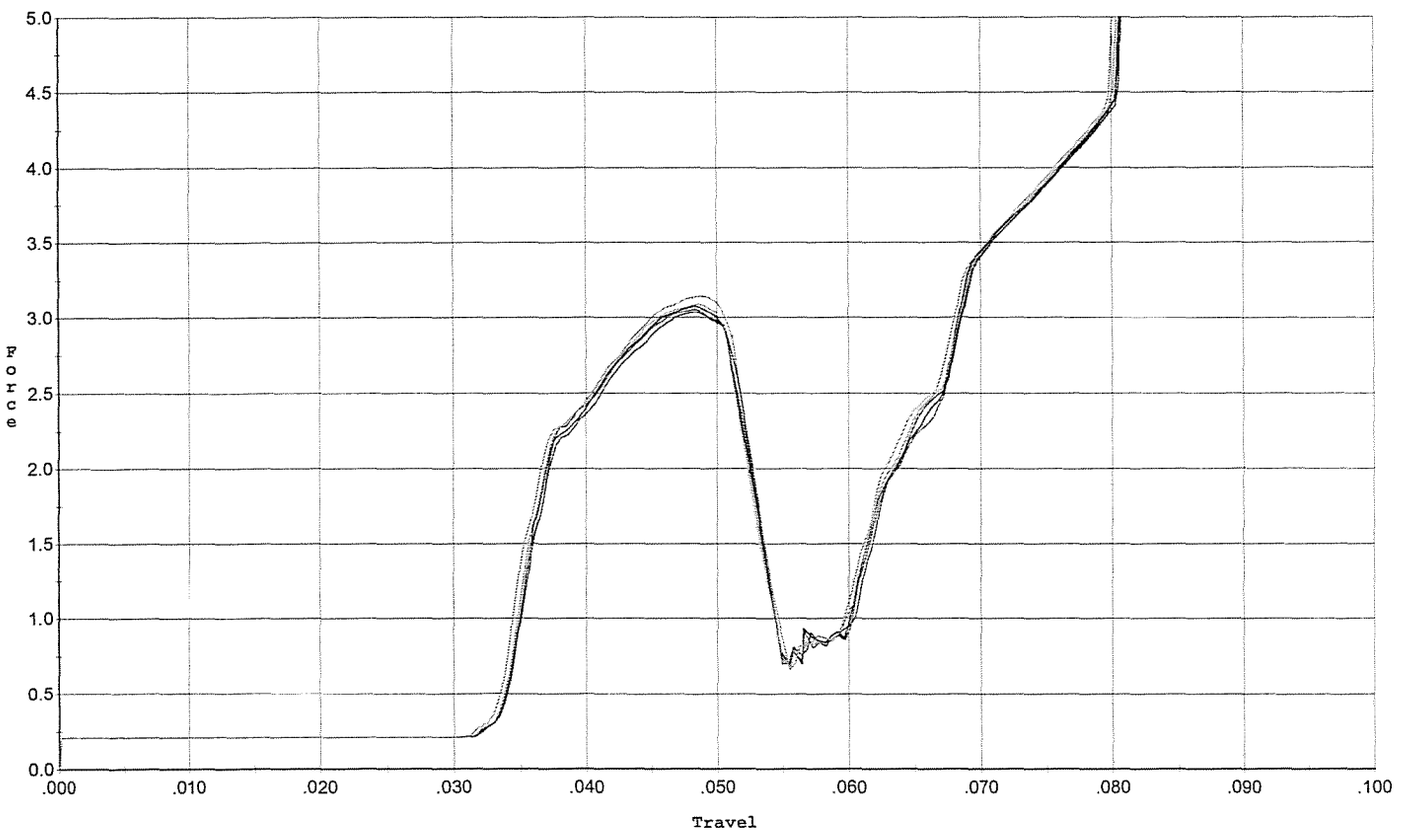
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.666	0.051	0.034	0.035	0.045		Set Trigger
2	2.603	0.052	0.034	0.035	0.045		Set Trigger
3	2.662	0.051	0.034	0.035	0.045		Set Trigger
4	2.680	0.051	0.033	0.035	0.046		Set Trigger
5	2.555	0.052	0.033	0.035	0.045		Set Trigger

Avg 2.63

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/26/2007 8:38:48 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 10/26/07		



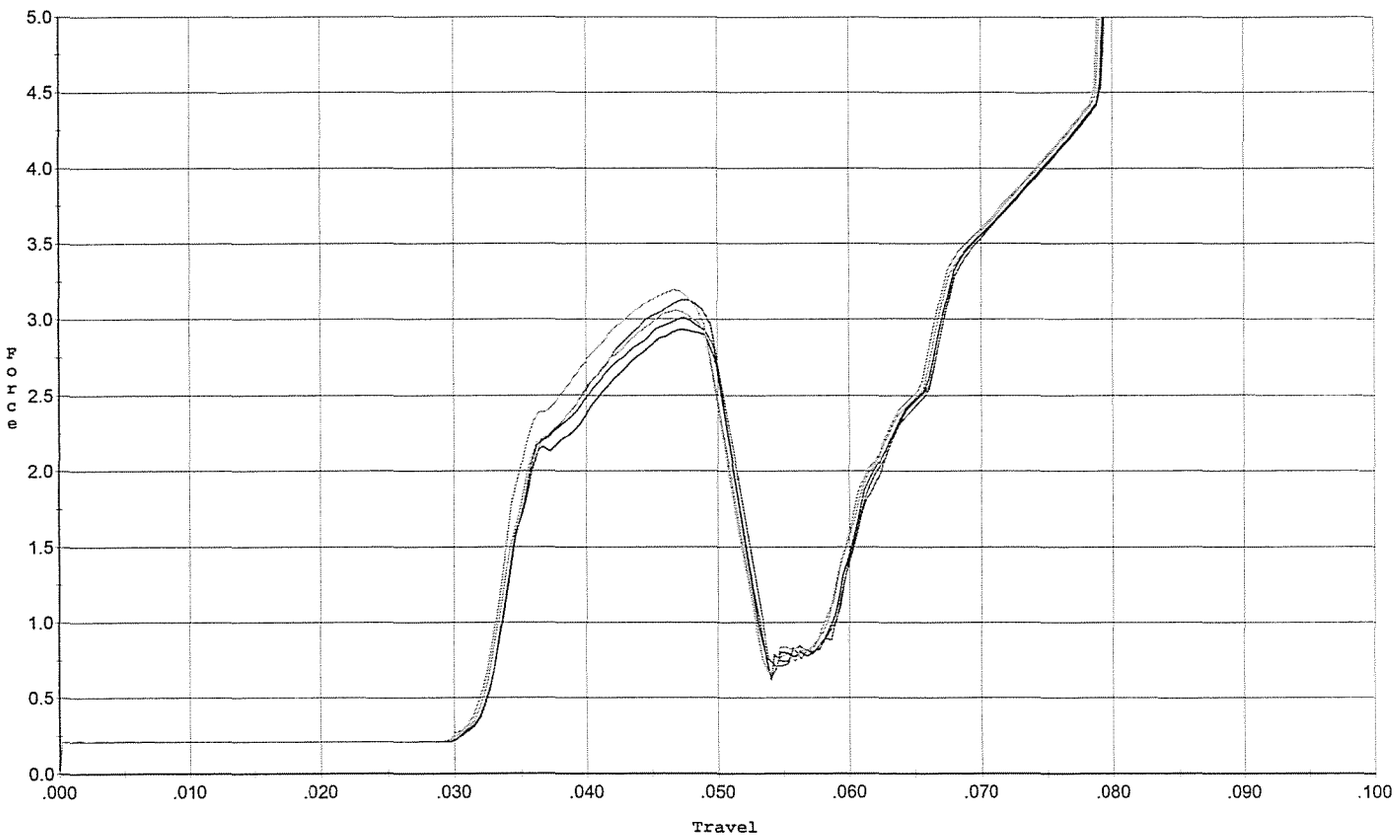
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.036	0.051	0.034	0.034	0.052		Set Trigger
2	3.077	0.052	0.034	0.034	0.053		Set Trigger
3	3.055	0.052	0.034	0.034	0.053		Set Trigger
4	3.090	0.051	0.033	0.034	0.052		Set Trigger
5	3.145	0.051	0.033	0.034	0.053		Set Trigger

Avg 3.08

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/26/2007 8:40:36 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 10/26/07		



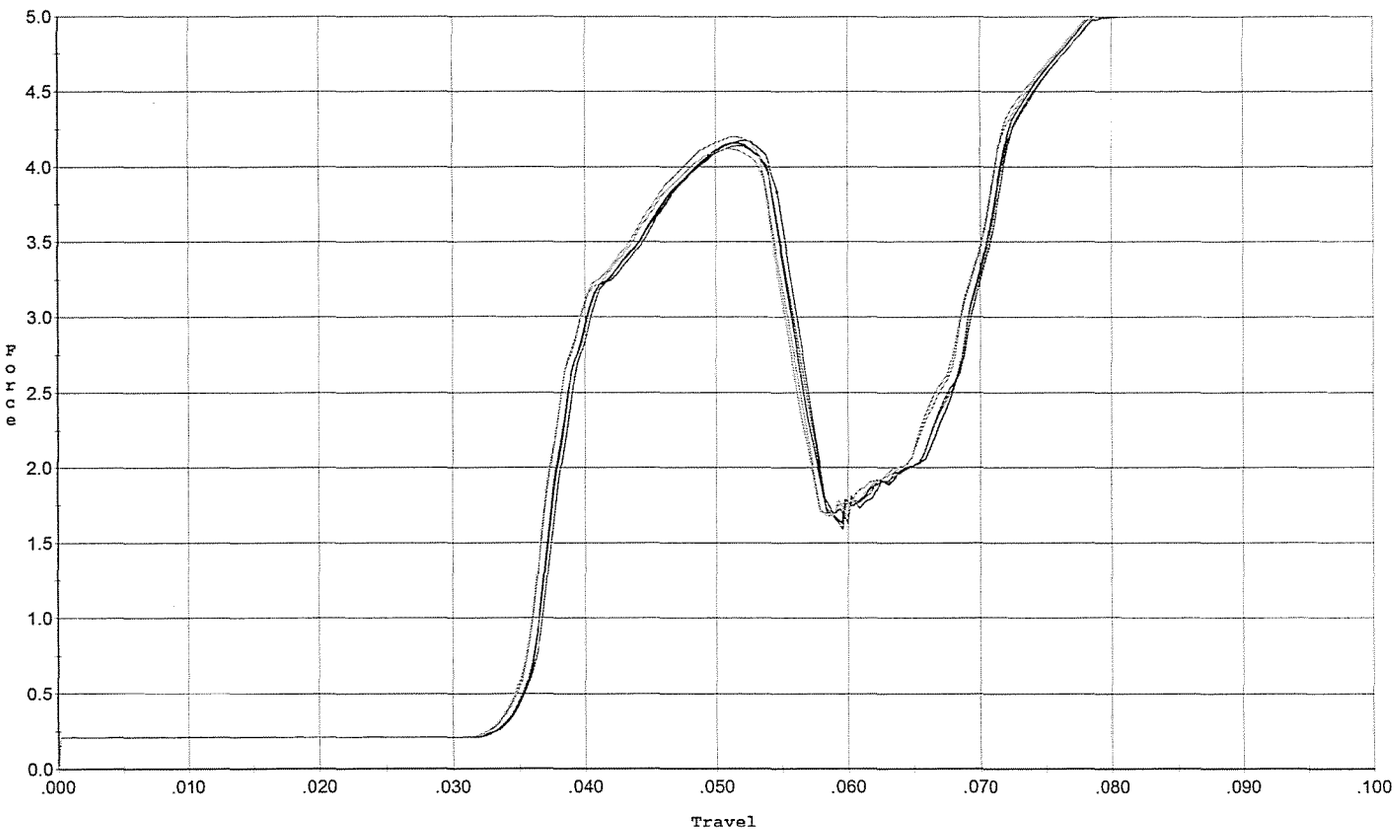
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.008	0.050	0.032	0.034	0.051		Set Trigger
2	2.930	0.050	0.032	0.034	0.050		Set Trigger
3	3.128	0.052	0.032	0.033	0.054		Set Trigger
4	3.196	0.051	0.031	0.033	0.056		Set Trigger
5	3.057	0.049	0.032	0.033	0.050		Set Trigger

Avg 3.06

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/26/2007 8:44:23 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 10/26/07		



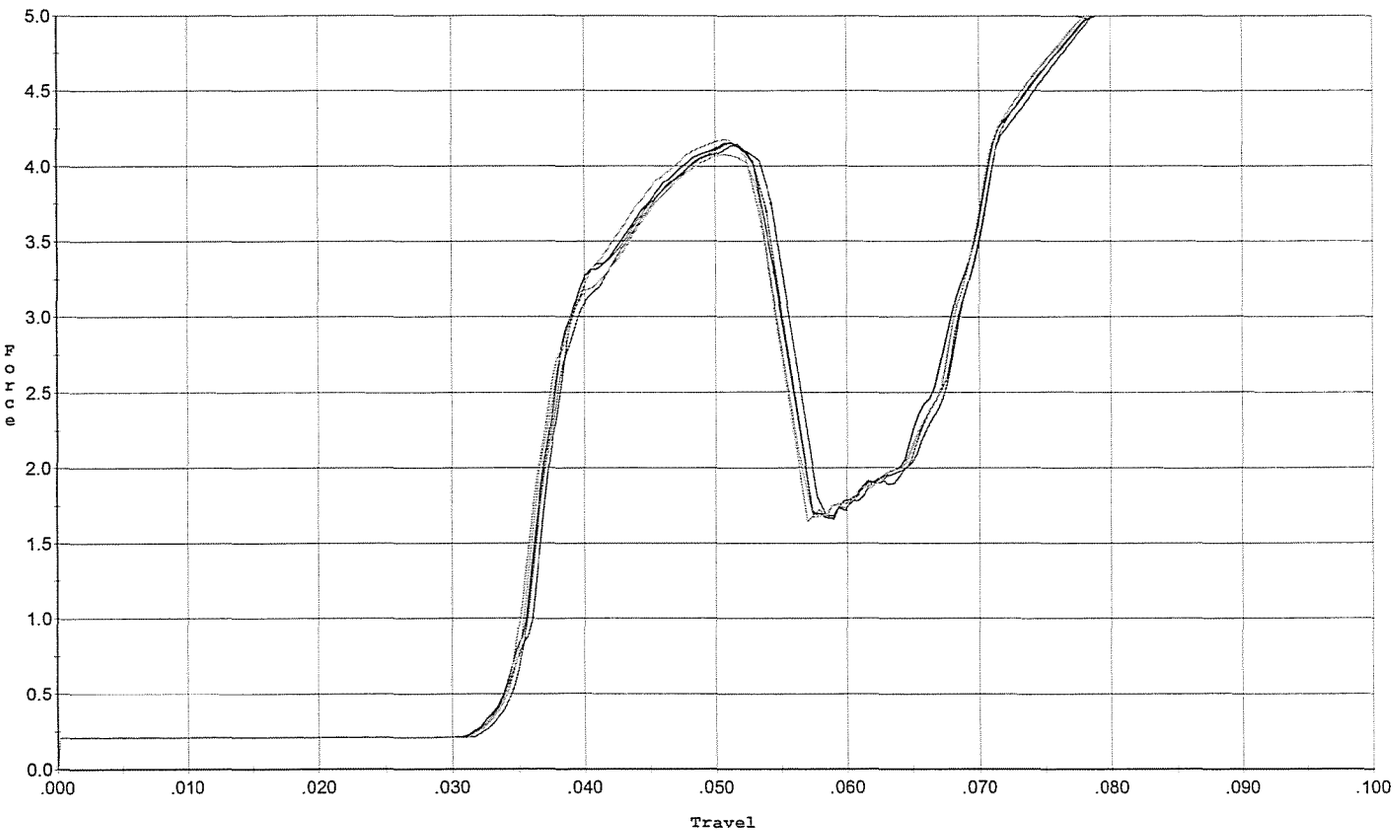
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.177	0.055	0.035	0.032	0.075		Set Trigger
2	4.158	0.054	0.035	0.033	0.073		Set Trigger
3	4.142	0.054	0.035	0.033	0.073		Set Trigger
4	4.120	0.053	0.034	0.033	0.073		Set Trigger
5	4.200	0.055	0.034	0.032	0.077		Set Trigger

Avg 4.15

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/26/2007 8:46:10 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 10/26/07		



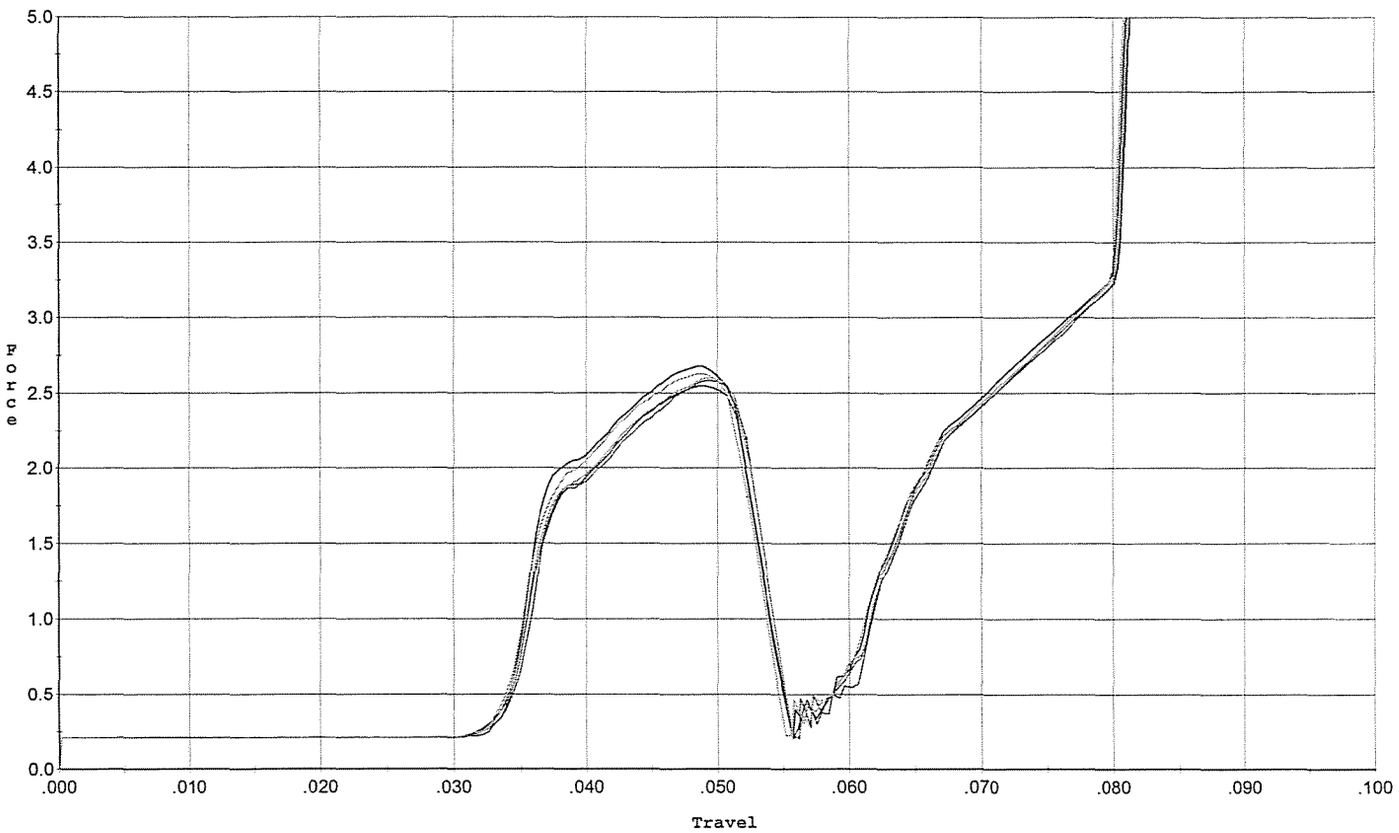
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.136	0.054	0.034	0.032	0.076		Set Trigger
2	4.154	0.054	0.034	0.032	0.076		Set Trigger
3	4.153	0.054	0.034	0.032	0.074		Set Trigger
4	4.077	0.053	0.034	0.032	0.073		Set Trigger
5	4.176	0.054	0.034	0.032	0.075		Set Trigger

Avg 4.13

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/26/2007 8:47:31 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 10/26/07		



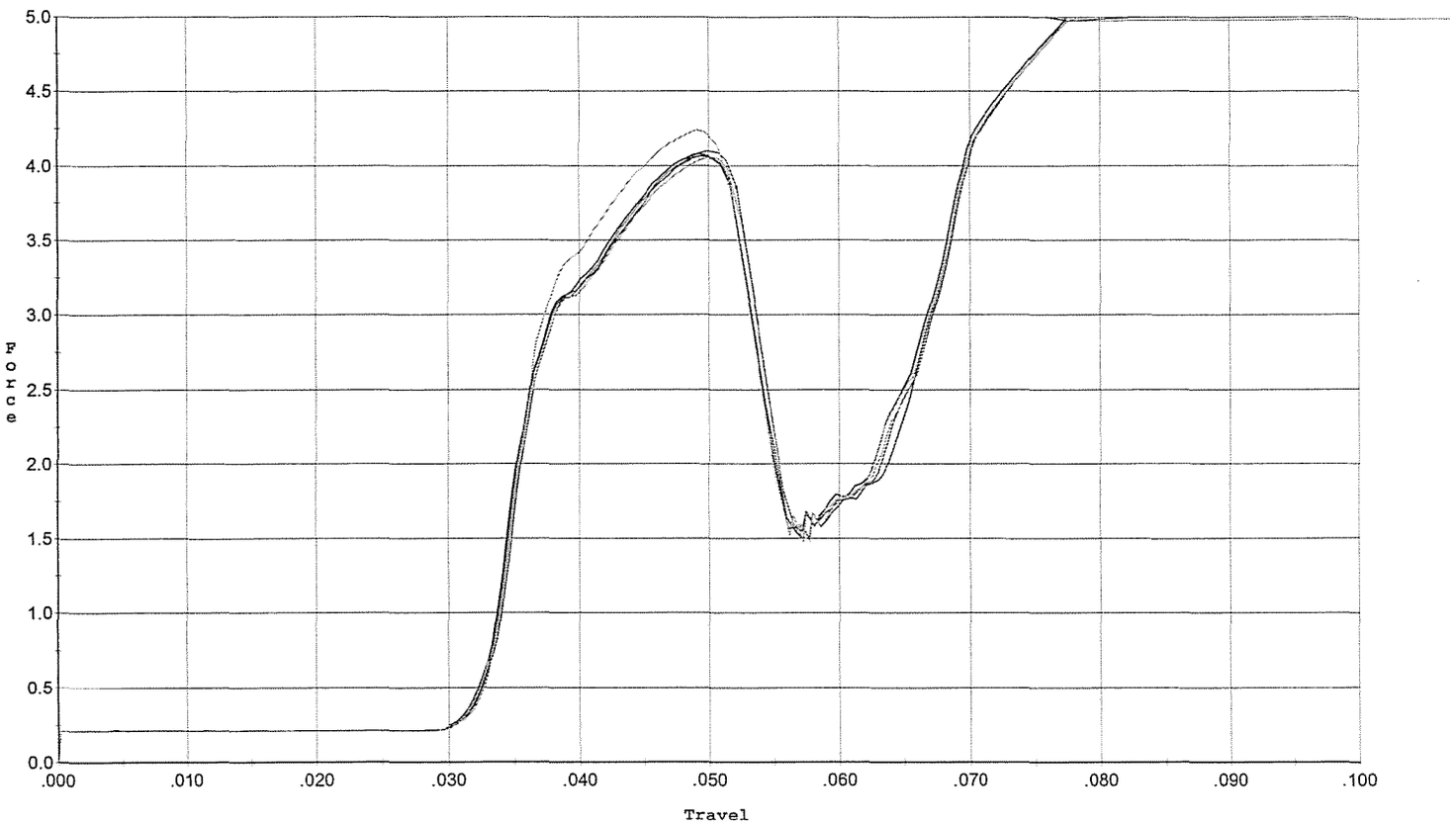
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.547	0.051	0.034	0.035	0.044		Set Trigger
2	2.676	0.051	0.034	0.035	0.047		Set Trigger
3	2.582	0.052	0.034	0.035	0.046		Set Trigger
4	2.627	0.052	0.033	0.034	0.047		Set Trigger
5	2.598	0.052	0.034	0.035	0.046		Set Trigger

Avg 2.60

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/26/2007 8:50:28 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 10/26/07		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.065	0.052	0.032	0.032	0.071		Set Trigger
2	4.081	0.052	0.032	0.032	0.072		Set Trigger
3	4.097	0.052	0.032	0.032	0.073		Set Trigger
4	4.239	0.052	0.032	0.032	0.074		Set Trigger
5	4.058	0.053	0.032	0.032	0.073		Set Trigger

Avg 4.10

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/26/2007 8:54:10 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6693353.__0
FILE DATE AND TIME: 11/12/2007 12:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

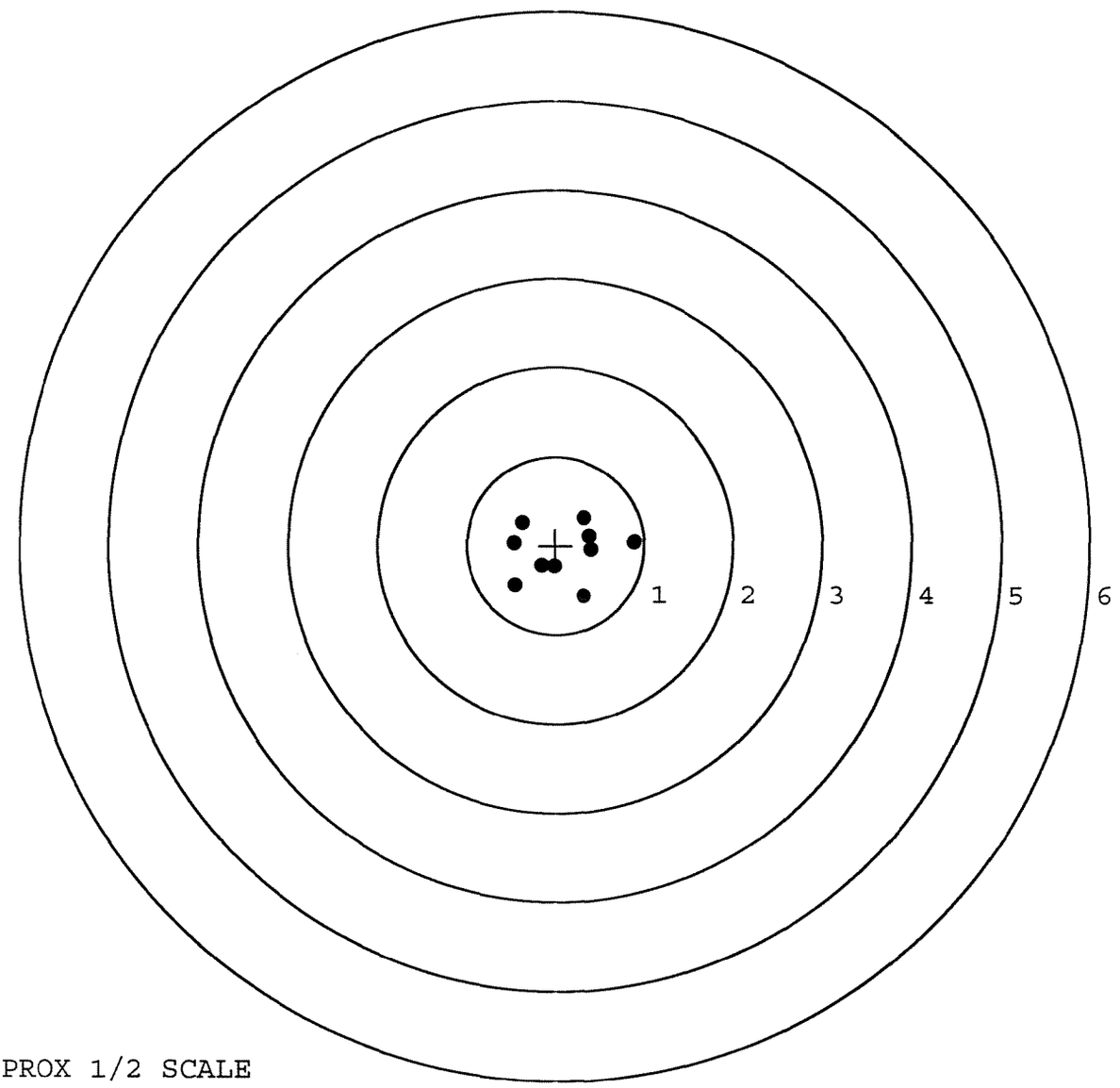
The Average X Centroid of the Five Target Set:	-0.007
The Average Y Centroid of the Five Target Set:	-0.061
The Average Point of Impact of the Five Target Set:	0.062
The Average Mean Radius of the Five Target Set:	0.630
The Distance from POA to Centroid Target #1:	0.114
The Distance from Centroid Target #2 to Centroid Target #1:	0.159
The Distance from Centroid Target #3 to Centroid Target #1:	0.401
The Distance from Centroid Target #4 to Centroid Target #1:	0.226
The Distance from Centroid Target #5 to Centroid Target #1:	0.238

BARBER - M24 0180280

SERIAL NUMBER: G6693353.__0
TARGET NUMBER: 1
FILE DATE: 11/12/2007
FILE TIME: 12:13

X CENTROID:	0.084
Y CENTROID:	-0.077
POA TO CENTROID:	0.114
HORZ SPREAD:	1.357
VERT SPREAD:	0.882
GROUP SPREAD:	1.434
MIN RADIUS:	0.188
MAX RADIUS:	0.818
MEAN RADIUS:	0.474
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.893	0.045
2:	0.314	-0.567
3:	-0.454	-0.447
4:	-0.464	0.029
5:	-0.375	0.259
6:	-0.155	-0.230
7:	-0.018	-0.234
8:	0.401	-0.046
9:	0.385	0.109
10:	0.314	0.315



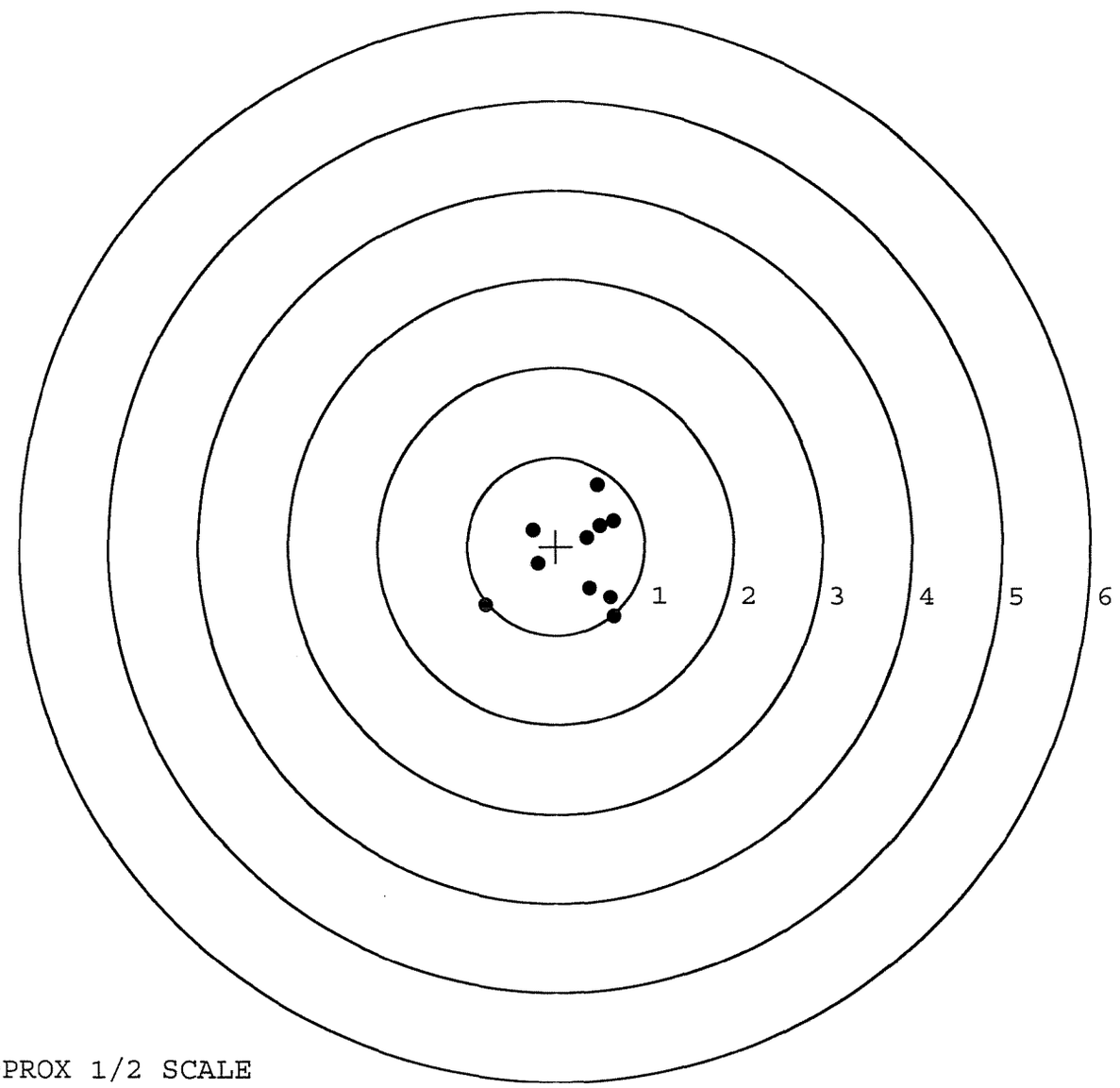
TARGET APPROX 1/2 SCALE

BARBER - M24 0180281

SERIAL NUMBER: G6693353.__0
TARGET NUMBER: 2
FILE DATE: 11/12/2007
FILE TIME: 12:13

X CENTROID:	0.237
Y CENTROID:	-0.120
POA TO CENTROID:	0.265
HORZ SPREAD:	1.445
VERT SPREAD:	1.478
GROUP SPREAD:	1.849
MIN RADIUS:	0.247
MAX RADIUS:	1.161
MEAN RADIUS:	0.608
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.658	-0.788
2:	0.616	-0.579
3:	0.385	-0.470
4:	0.349	0.100
5:	0.497	0.235
6:	0.652	0.293
7:	0.467	0.690
8:	-0.266	0.186
9:	-0.205	-0.200
10:	-0.787	-0.669



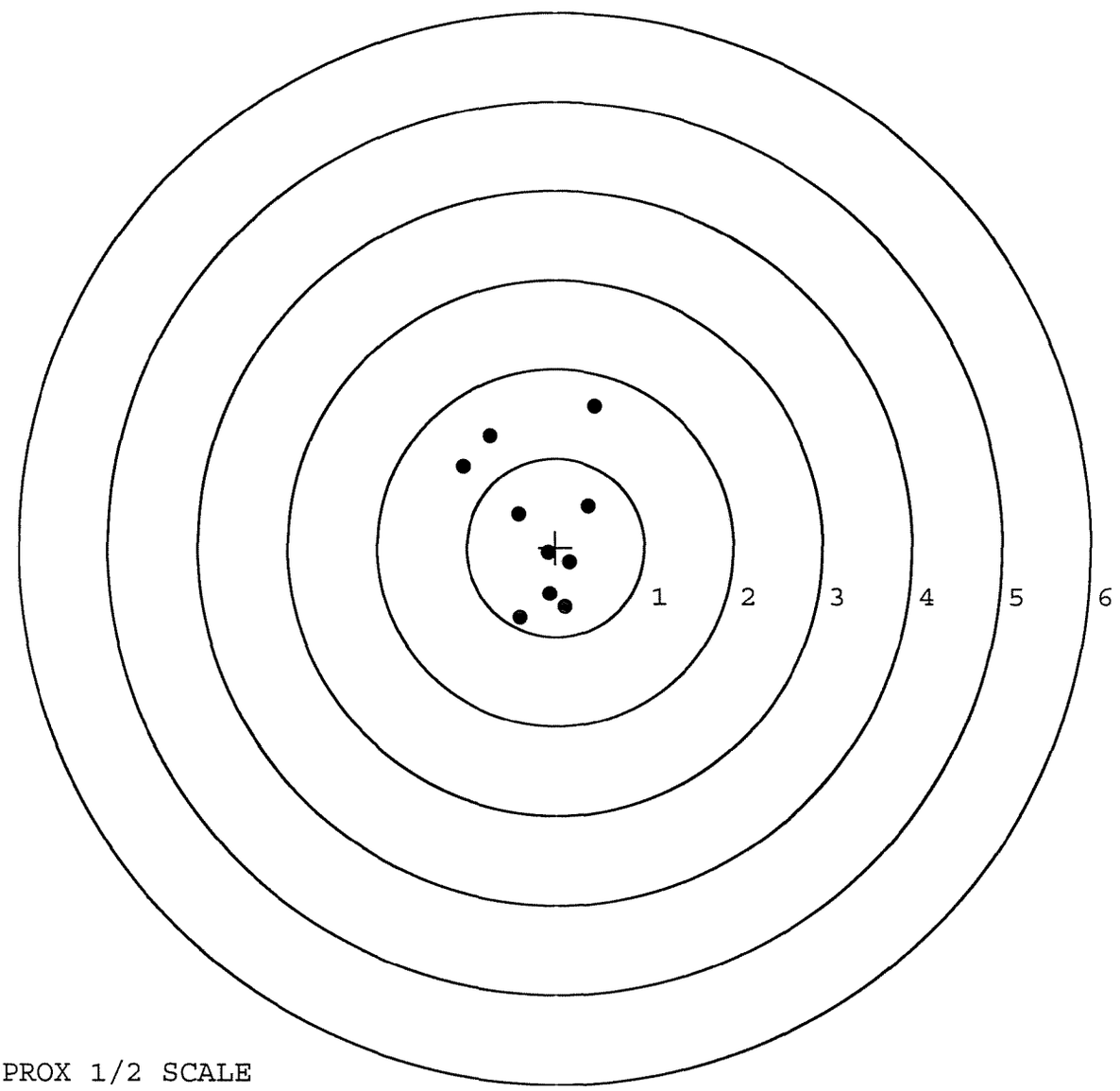
TARGET APPROX 1/2 SCALE

BARBER - M24 0180282

SERIAL NUMBER: G6693353.__0
TARGET NUMBER: 3
FILE DATE: 11/12/2007
FILE TIME: 12:13

X CENTROID:	-0.167
Y CENTROID:	0.236
POA TO CENTROID:	0.289
HORZ SPREAD:	1.482
VERT SPREAD:	2.371
GROUP SPREAD:	2.519
MIN RADIUS:	0.285
MAX RADIUS:	1.479
MEAN RADIUS:	0.821
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.102	-0.670
2:	-0.072	-0.524
3:	-0.406	-0.789
4:	0.160	-0.167
5:	-0.081	-0.062
6:	0.372	0.466
7:	-0.419	0.369
8:	-0.737	1.253
9:	-1.037	0.904
10:	0.445	1.582



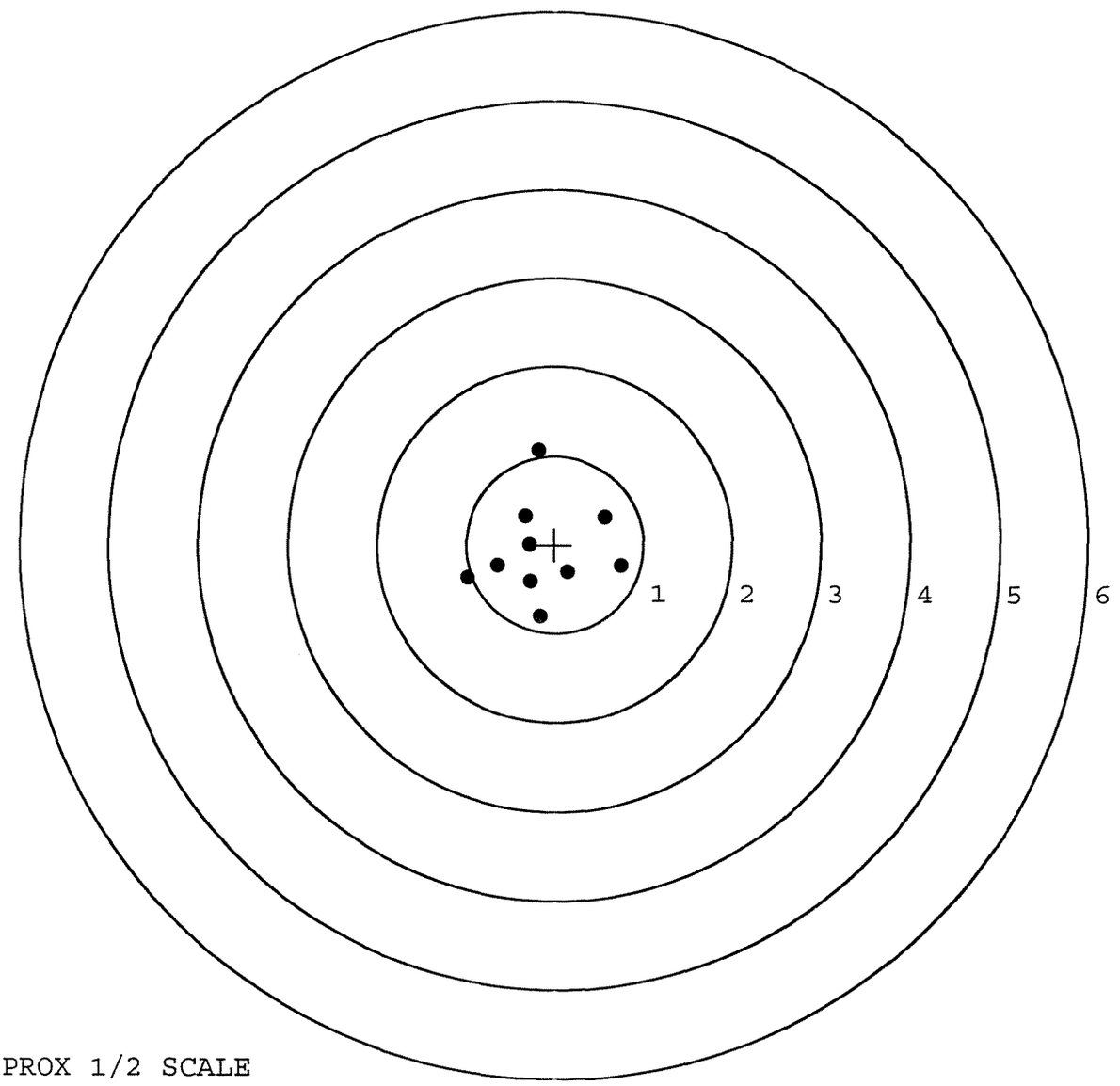
TARGET APPROX 1/2 SCALE

BARBER - M24 0180283

SERIAL NUMBER: G6693353.__0
TARGET NUMBER: 4
FILE DATE: 11/12/2007
FILE TIME: 12:13

X CENTROID:	-0.142
Y CENTROID:	-0.068
POA TO CENTROID:	0.158
HORZ SPREAD:	1.736
VERT SPREAD:	1.881
GROUP SPREAD:	1.881
MIN RADIUS:	0.158
MAX RADIUS:	1.135
MEAN RADIUS:	0.637
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.751	-0.238
2:	0.565	0.319
3:	-0.180	1.066
4:	-0.171	-0.815
5:	0.142	-0.308
6:	-0.276	-0.419
7:	-0.283	0.003
8:	-0.339	0.326
9:	-0.645	-0.239
10:	-0.985	-0.380



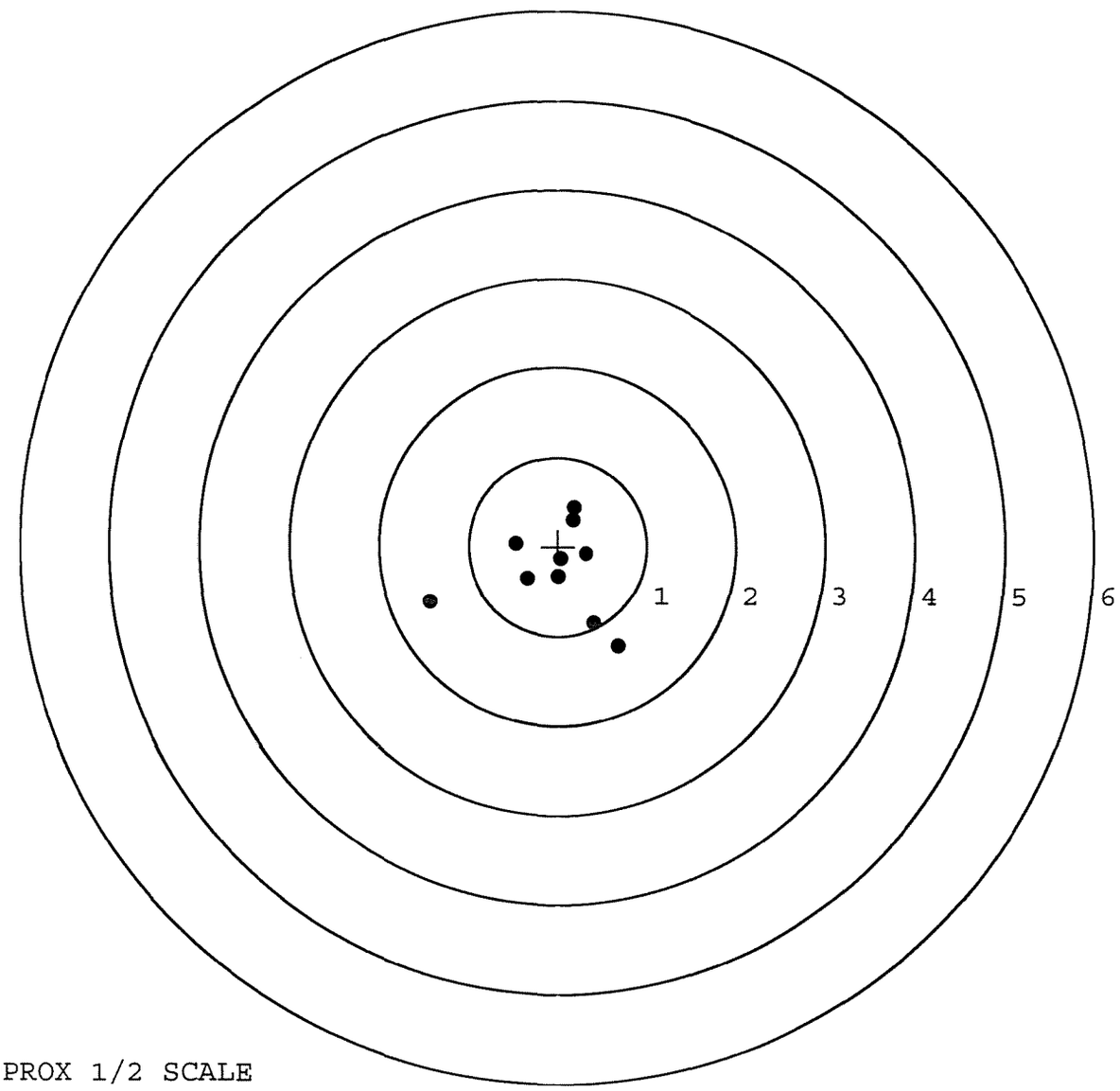
TARGET APPROX 1/2 SCALE

BARBER - M24 0180284

SERIAL NUMBER: G6693353.__0
TARGET NUMBER: 5
FILE DATE: 11/12/2007
FILE TIME: 12:13

X CENTROID:	-0.045
Y CENTROID:	-0.277
POA TO CENTROID:	0.280
HORZ SPREAD:	2.117
VERT SPREAD:	1.556
GROUP SPREAD:	2.175
MIN RADIUS:	0.075
MAX RADIUS:	1.430
MEAN RADIUS:	0.612
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.684	-1.120
2:	0.412	-0.858
3:	-1.433	-0.622
4:	0.185	0.436
5:	0.167	0.298
6:	0.317	-0.086
7:	0.030	-0.138
8:	-0.341	-0.366
9:	-0.471	0.028
10:	-0.003	-0.338



TARGET APPROX 1/2 SCALE