GGG/G 310

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

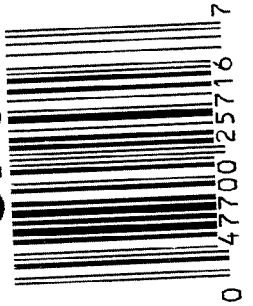
– INSTUCTION BOOK 3518

DD FORM

ORDER NO. 25716

BARREL LENGTH	24"
CAPACITY	6

G6616310



ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTI

UPC

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTI

UPC

SERIAL NO.

M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6616310

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-22-06	RTZ
420	ASSEMBLE ACTION		12-22-06	RTZ
430	ASSEMBLE TO STOCK		12-27-06	S.P.D.
440	PROOF	MAGNA-FLUX INSPECTED JAN 05 2007 OPERATOR APD	12-27-06	S.P.D.
460	CHECK HEADSPACE		12-27-06	S.P.D.
470	DIS-ASSEMBLE ACTION		12-27-06	S.P.D.
480	MAGNAFLUX BBL ACTION		12-28-06	RTZ
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		1407	CW
510	DRILL AND TAP SIGHT HOLES		1-4-07	TRW
520	GOFF BLAST BBL / REC		1-8-07	UB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		1/19/07	FB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		1-22-07	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-22-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-22-07	SD
	D) OIL FIRING PIN ASSEMBLY		3-27-07	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/18/07	MOW

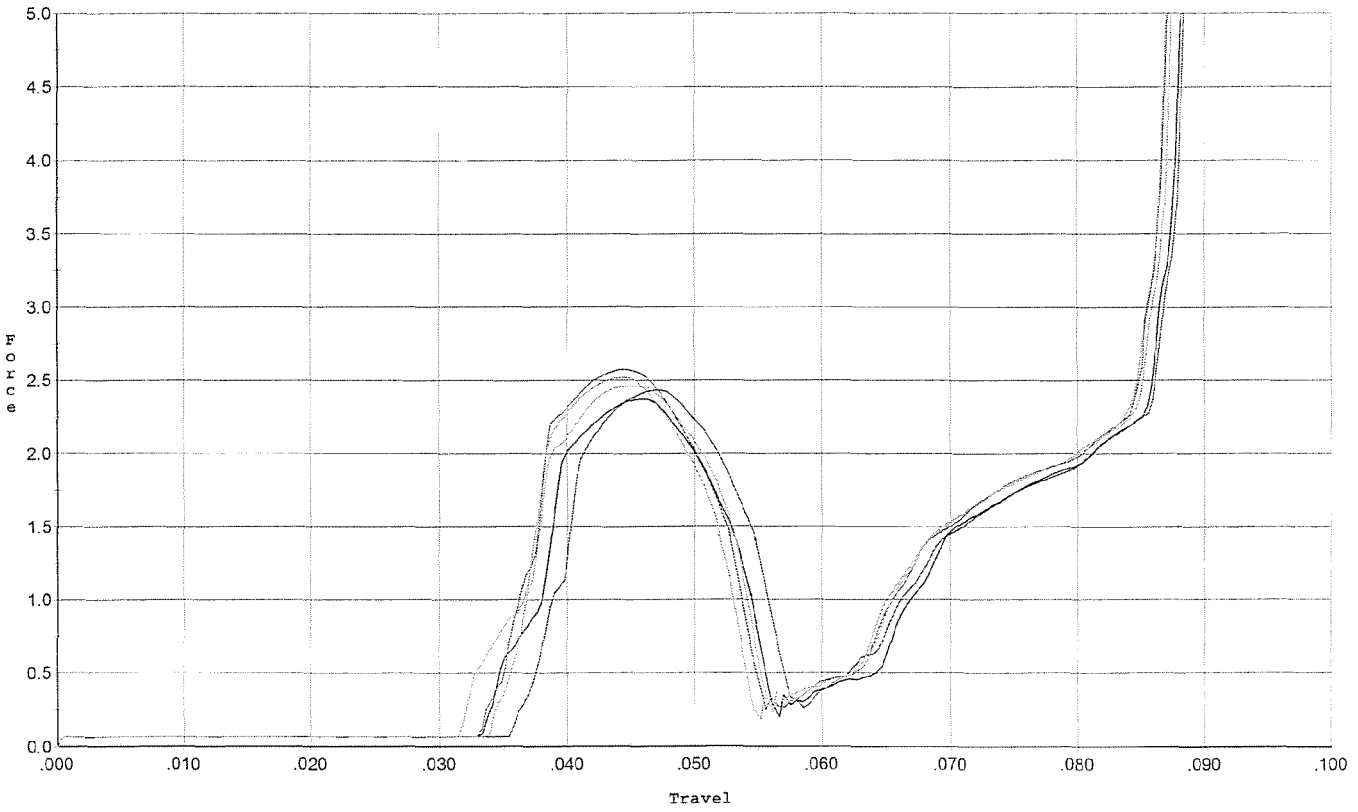
F004 REV 5/2006

OP #	OPERATION NAME BARBER - M24 0136485	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX]	5.5 5.5 5.75	4-19-07	TRW
CONT.	G) SAFETY OFF FORCE [2 LBS MIN]	2.25 2.25 2.25	4-19-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		4/19/07	mm
	I) FIRING PIN INDENT [.020 MIN]	.024 .025 .024	4-19-07	TRW
	J) ASSEMBLE STOCK		3-27-07	RTZ
	K) ASSEMBLE SWIVEL STUDS		4/19/07	mm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/19/07	mm
	M) IRON SIGHT ALIGNMENT		4/19/07	mm
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/19/07	mm
640 &	FUNCTION TEST AND	(PASS) FAIL		
650	TARGET	~~PASS~~ FAIL	4/2/07	mm
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-20-07	SD
670	FINAL INSPECTION A) HEADSPACE		4/19/07	mm
	B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS]	2.54 2.50 2.65 2.64 2.65	4/18/07	mm
	C) FUNCTION		4/19/07	mm
690	PACK		4-24-07	~~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 1/08/07		



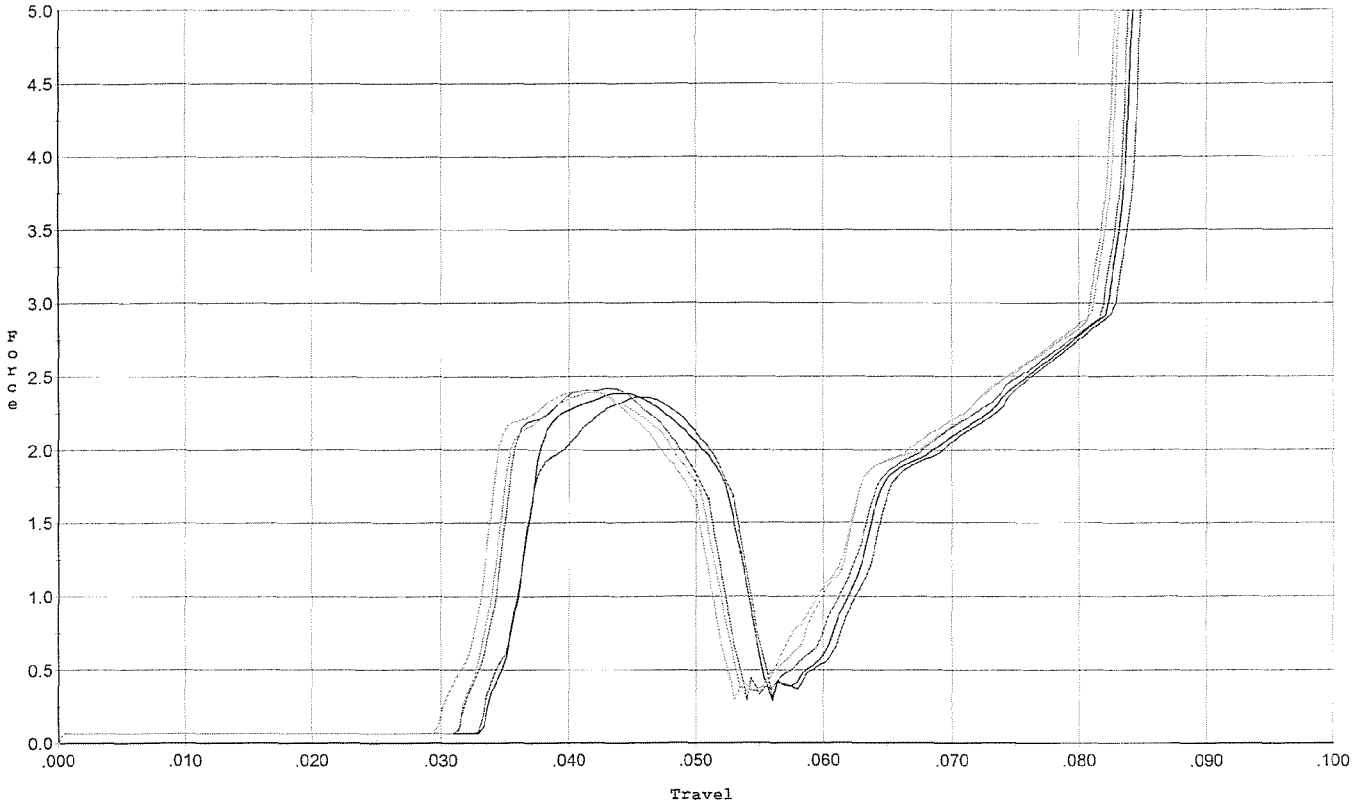
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.434	0.055	0.036	0.039	0.037		Set Trigger
2	2.370	0.054	0.034	0.039	0.038		Set Trigger
3	2.572	0.053	0.033	0.039	0.040		Set Trigger
4	2.458	0.053	0.034	0.039	0.039		Set Trigger
5	2.517	0.053	0.032	0.039	0.039		Set Trigger

Avg 2.47

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/8/2007 2:44:52 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 1/08/07		



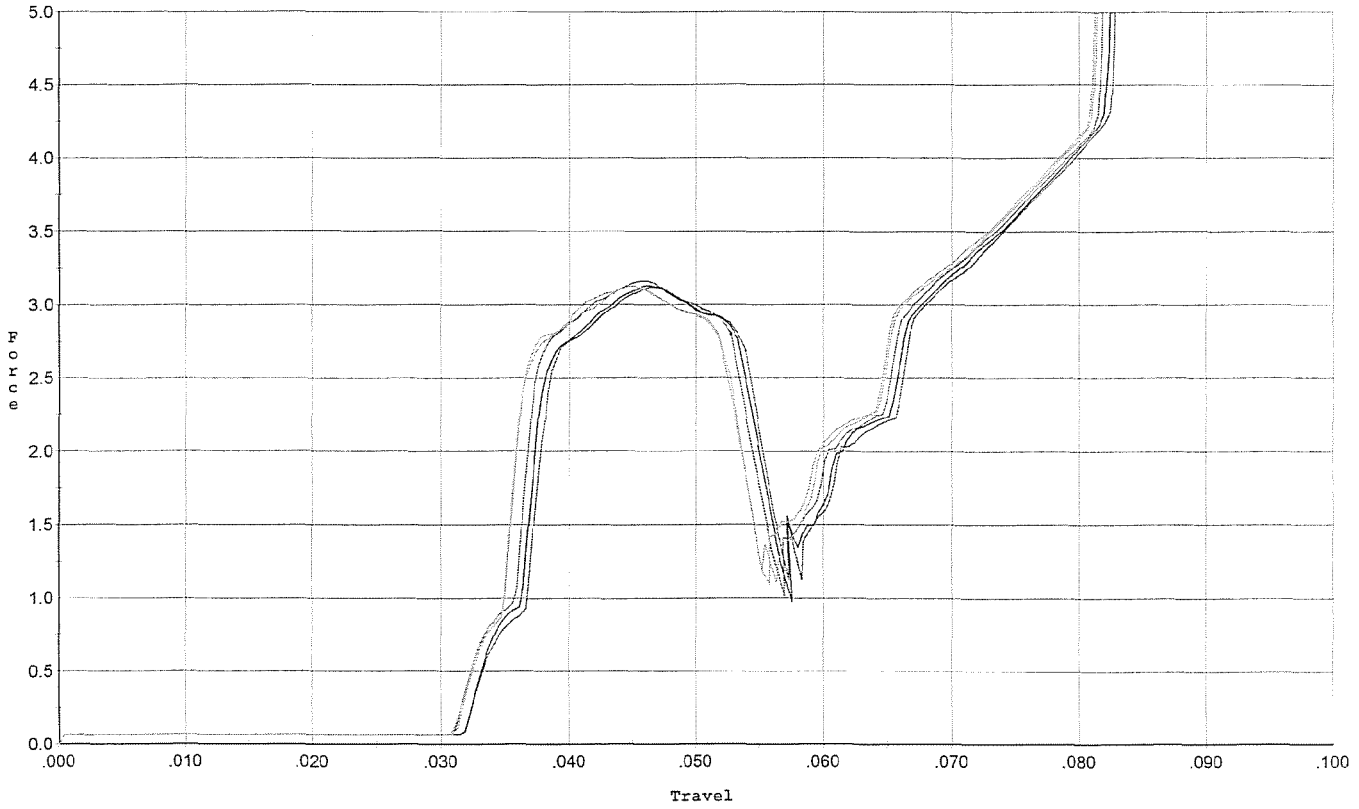
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.362	0.053	0.033	0.037	0.040		Set Trigger
2	2.387	0.054	0.034	0.037	0.041		Set Trigger
3	2.423	0.051	0.032	0.037	0.040		Set Trigger
4	2.409	0.050	0.030	0.037	0.040		Set Trigger
5	2.391	0.050	0.032	0.036	0.039		Set Trigger

Avg 2.39

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/8/2007 2:49:00 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 1/08/07		



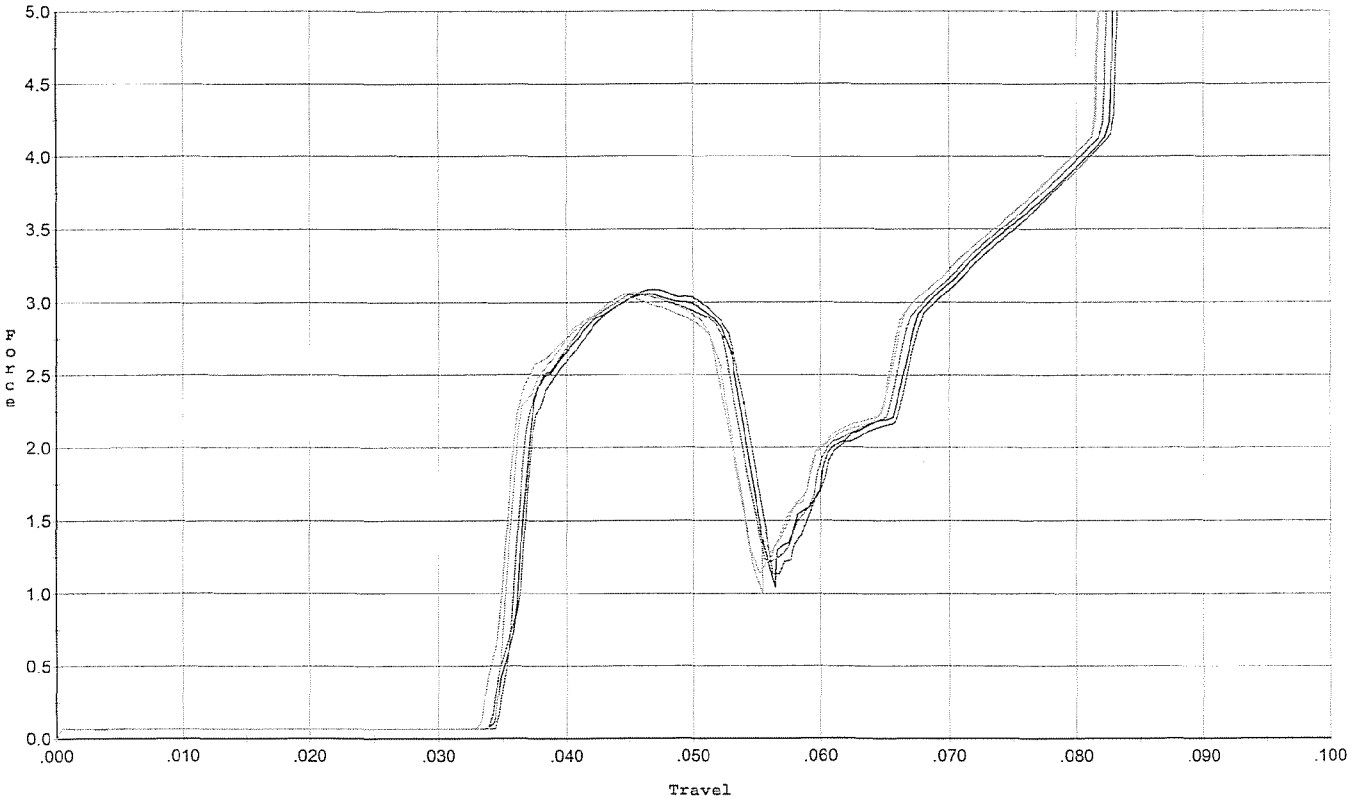
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.122	0.054	0.032	0.034	0.056		Set Trigger
2	3.131	0.055	0.032	0.033	0.057		Set Trigger
3	3.163	0.053	0.031	0.033	0.056		Set Trigger
4	3.128	0.053	0.032	0.033	0.056		Set Trigger
5	3.122	0.053	0.031	0.033	0.056		Set Trigger

Avg 3.13

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/8/2007 2:53:38 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 1/08/07		



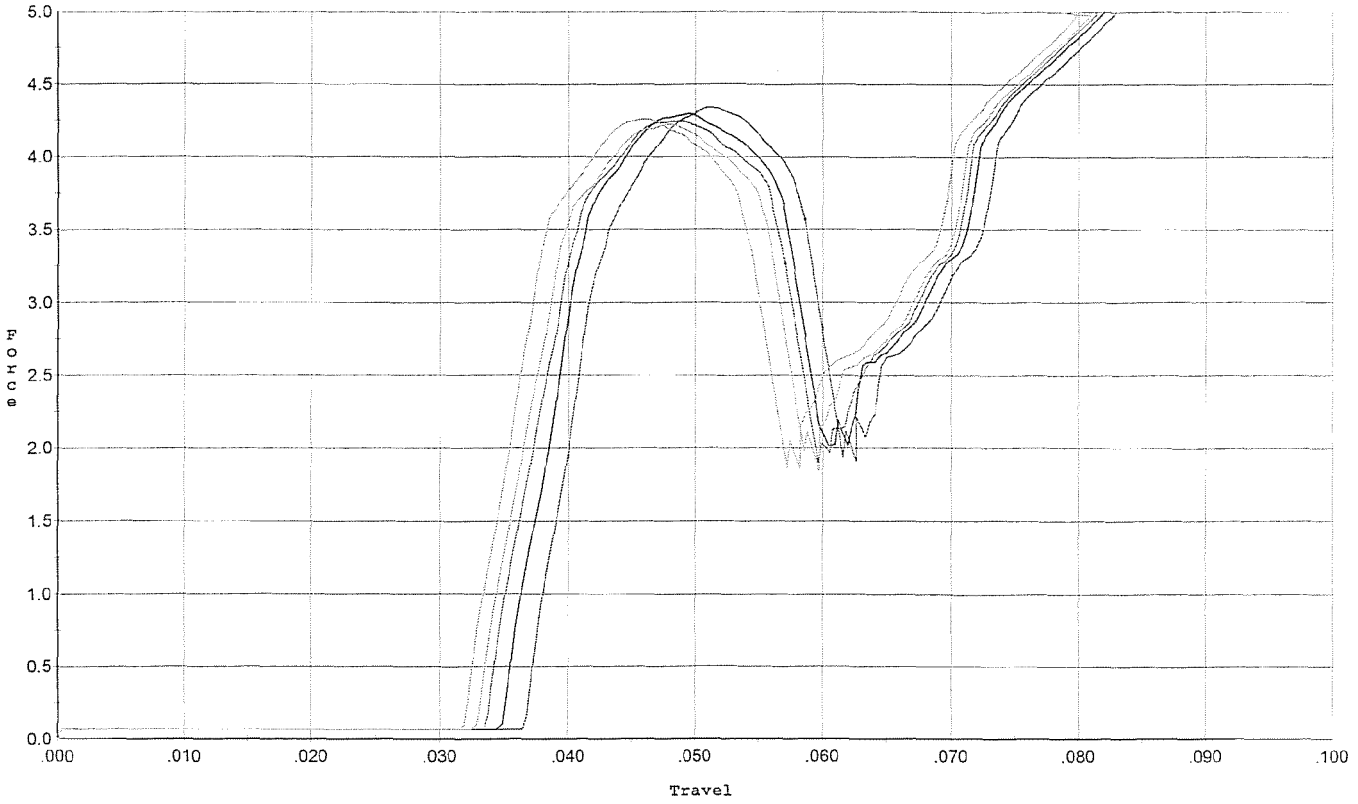
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.085	0.054	0.034	0.035	0.053		Set Trigger
2	3.057	0.053	0.035	0.035	0.052		Set Trigger
3	3.053	0.052	0.035	0.035	0.051		Set Trigger
4	3.026	0.052	0.035	0.035	0.051		Set Trigger
5	3.066	0.053	0.034	0.034	0.053		Set Trigger

Avg 3.05

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/8/2007 2:55:42 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 1/08/07		



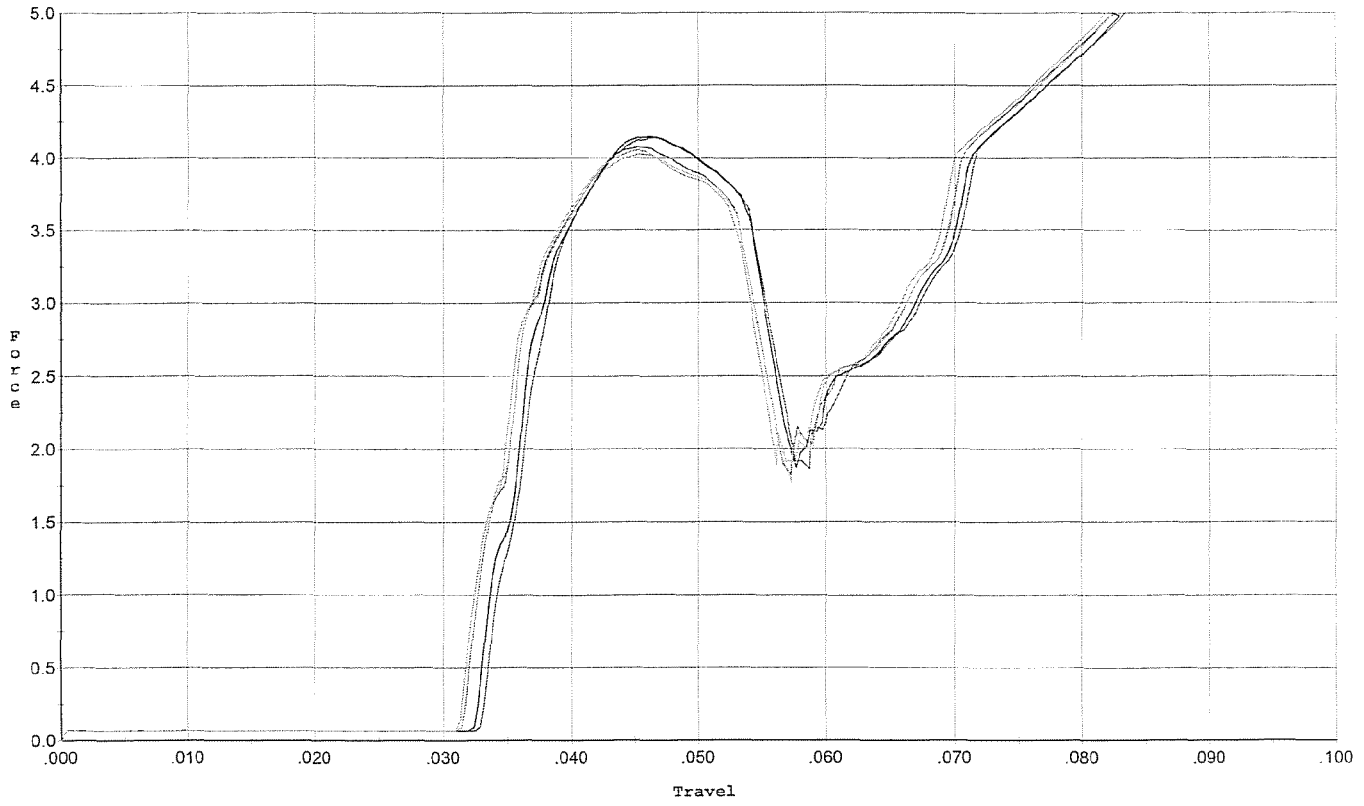
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.339	0.059	0.037	0.032	0.081		Set Trigger
2	4.298	0.057	0.035	0.032	0.081		Set Trigger
3	4.246	0.057	0.034	0.032	0.083		Set Trigger
4	4.225	0.056	0.033	0.033	0.081		Set Trigger
5	4.259	0.054	0.032	0.033	0.080		Set Trigger

Aug. 24.27

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/8/2007 2:58:19 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 1/08/07		



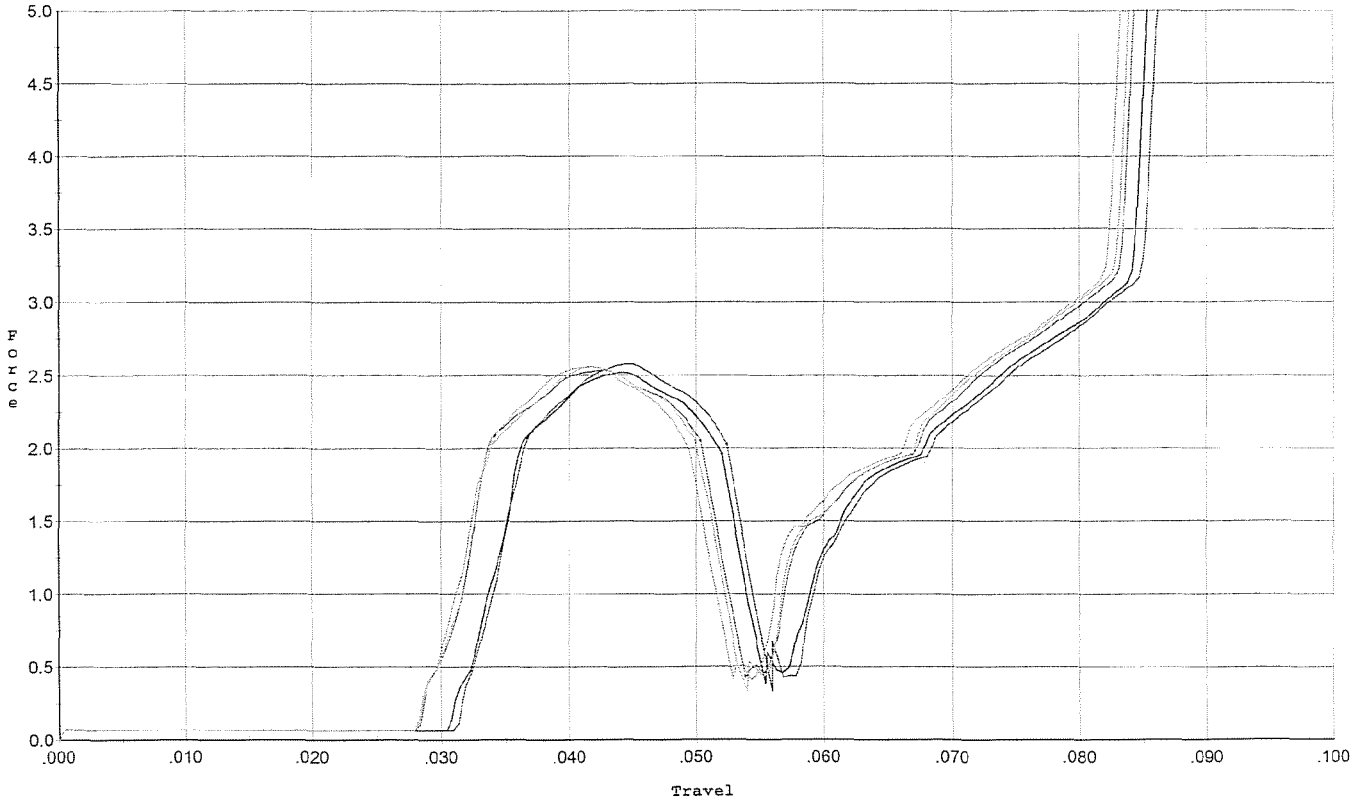
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.140	0.054	0.033	0.034	0.075		Set Trigger
2	4.148	0.054	0.033	0.034	0.077		Set Trigger
3	4.077	0.055	0.032	0.033	0.079		Set Trigger
4	4.027	0.055	0.032	0.033	0.078		Set Trigger
5	4.054	0.053	0.031	0.033	0.076		Set Trigger

Avg 4.08

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/8/2007 3:01:01 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 1/08/07		



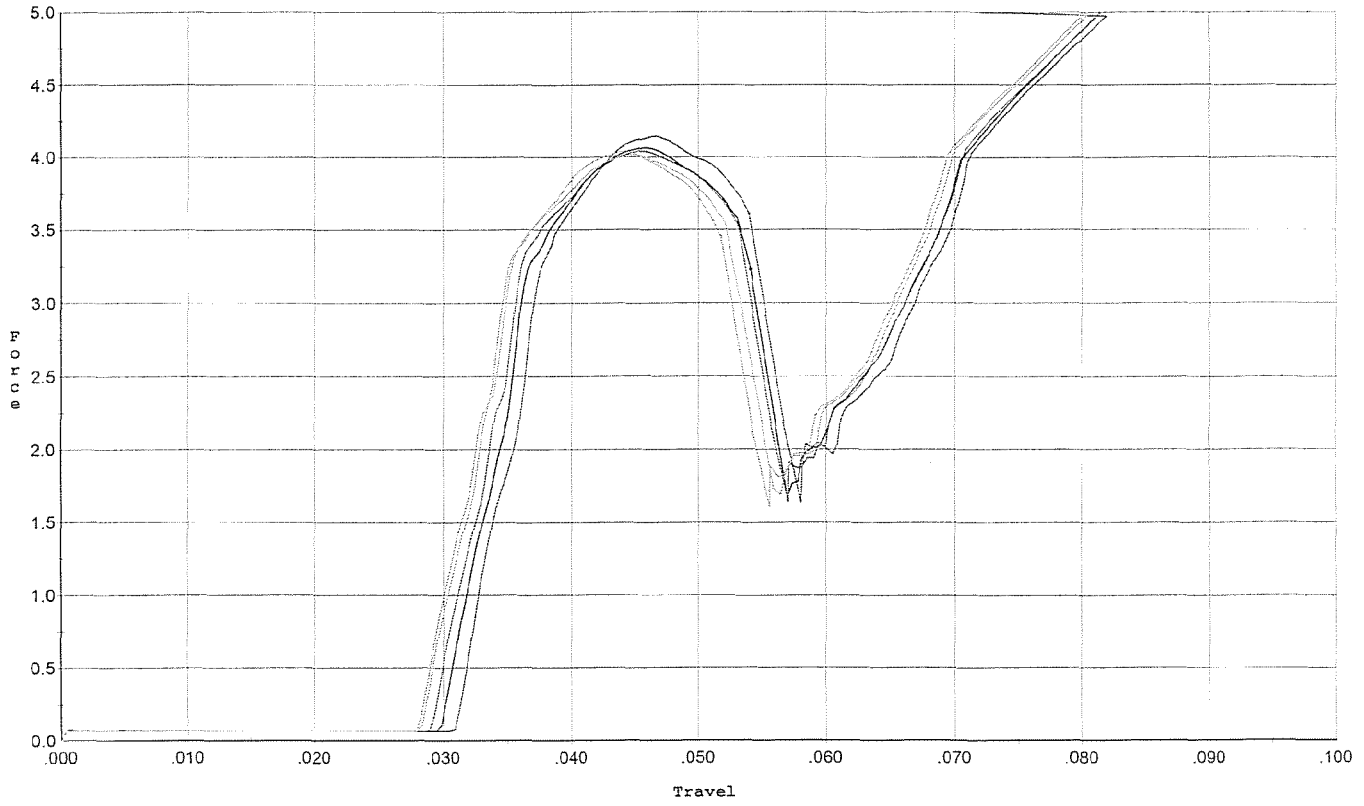
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.578	0.052	0.032	0.037	0.046		Set Trigger
2	2.520	0.052	0.031	0.037	0.045		Set Trigger
3	2.538	0.050	0.029	0.037	0.047		Set Trigger
4	2.561	0.051	0.028	0.037	0.047		Set Trigger
5	2.561	0.049	0.028	0.037	0.045		Set Trigger

Avg 2.55

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/8/2007 3:05:33 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 final test
Note:	R. Putch 1/08/07		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.146	0.054	0.031	0.033	0.079		Set Trigger
2	4.066	0.054	0.030	0.033	0.081		Set Trigger
3	4.042	0.053	0.029	0.033	0.080		Set Trigger
4	4.015	0.054	0.029	0.032	0.082		Set Trigger
5	4.039	0.052	0.028	0.032	0.078		Set Trigger

Avg 4.06

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/8/2007 3:08:50 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6616310.__0
FILE DATE AND TIME: 04/03/2007 00:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

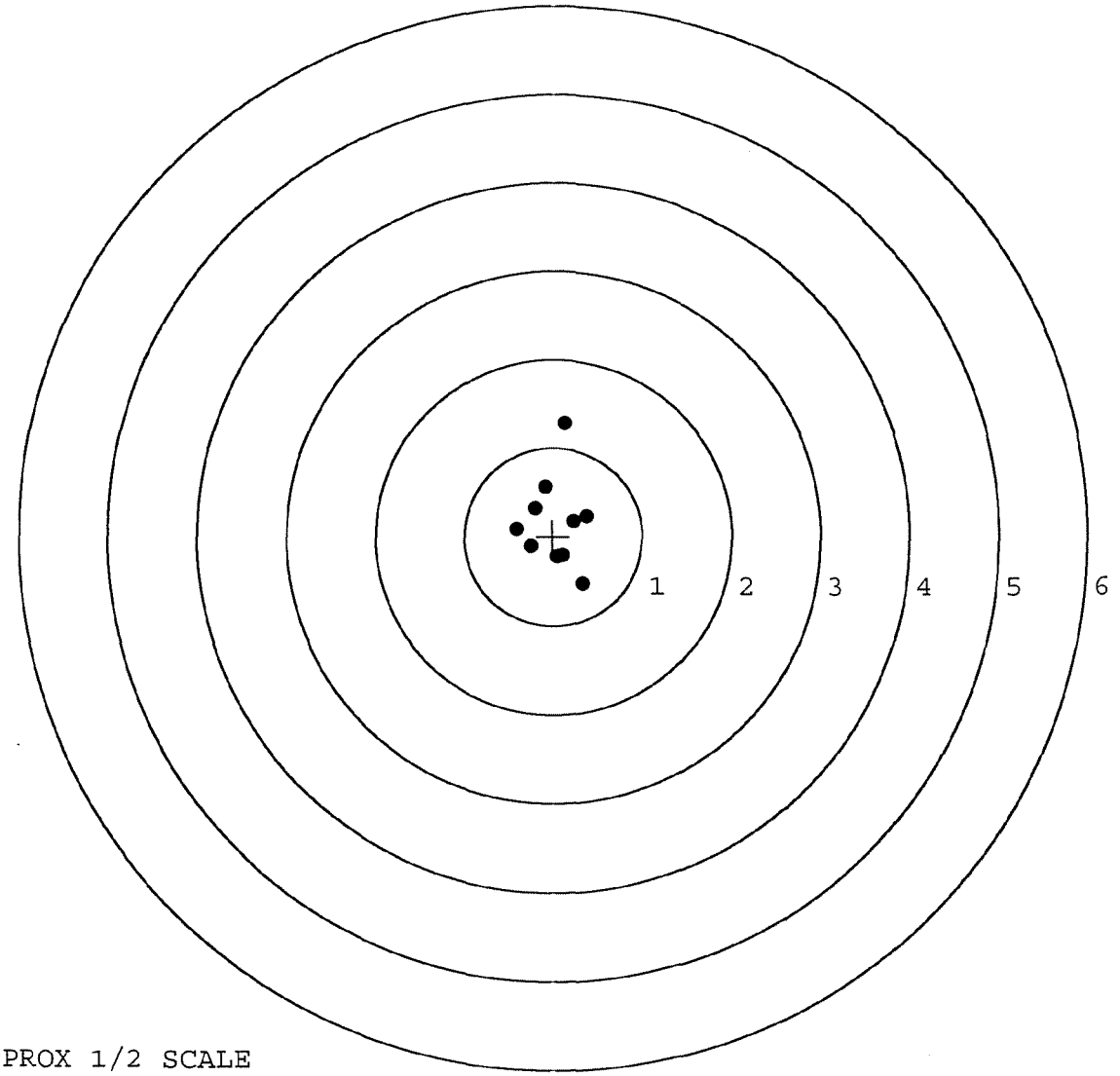
The Average X Centroid of the Five Target Set:	-0.001
The Average Y Centroid of the Five Target Set:	0.048
The Average Point of Impact of the Five Target Set:	0.048
The Average Mean Radius of the Five Target Set:	0.612
The Distance from POA to Centroid Target #1:	0.158
The Distance from Centroid Target #2 to Centroid Target #1:	0.234
The Distance from Centroid Target #3 to Centroid Target #1:	0.164
The Distance from Centroid Target #4 to Centroid Target #1:	0.150
The Distance from Centroid Target #5 to Centroid Target #1:	0.216

BARBER - M24 0136495

SERIAL NUMBER: G6616310.__0
TARGET NUMBER: 1
FILE DATE: 04/03/2007
FILE TIME: 00:00

X CENTROID:	0.029
Y CENTROID:	0.155
POA TO CENTROID:	0.158
HORZ SPREAD:	0.793
VERT SPREAD:	1.809
GROUP SPREAD:	1.820
MIN RADIUS:	0.205
MAX RADIUS:	1.127
MEAN RADIUS:	0.475
# IN 1 IN DIAMETER:	8
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.132	1.278
2:	0.378	0.231
3:	-0.087	0.559
4:	-0.201	0.319
5:	-0.415	0.085
6:	-0.247	-0.119
7:	0.053	-0.227
8:	0.233	0.179
9:	0.109	-0.220
10:	0.334	-0.531

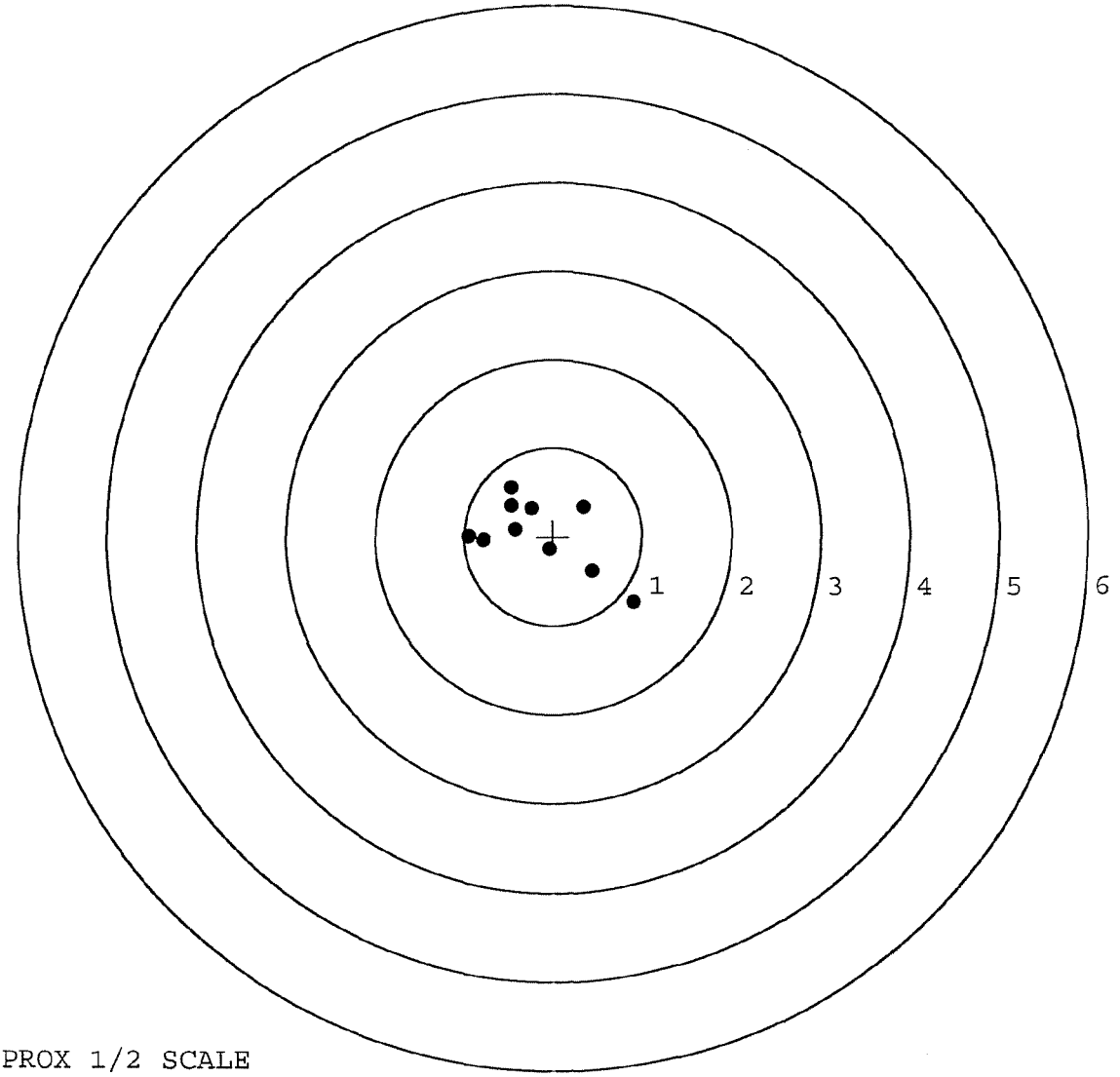


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616310.__0
TARGET NUMBER: 2
FILE DATE: 04/03/2007
FILE TIME: 00:00

X CENTROID:	-0.170
Y CENTROID:	0.032
POA TO CENTROID:	0.173
HORZ SPREAD:	1.853
VERT SPREAD:	1.294
GROUP SPREAD:	2.001
MIN RADIUS:	0.217
MAX RADIUS:	1.327
MEAN RADIUS:	0.587
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.473	0.548
2:	-0.472	0.350
3:	-0.243	0.315
4:	-0.430	0.081
5:	-0.782	-0.035
6:	-0.948	0.009
7:	-0.045	-0.145
8:	0.441	-0.392
9:	0.905	-0.746
10:	0.343	0.338

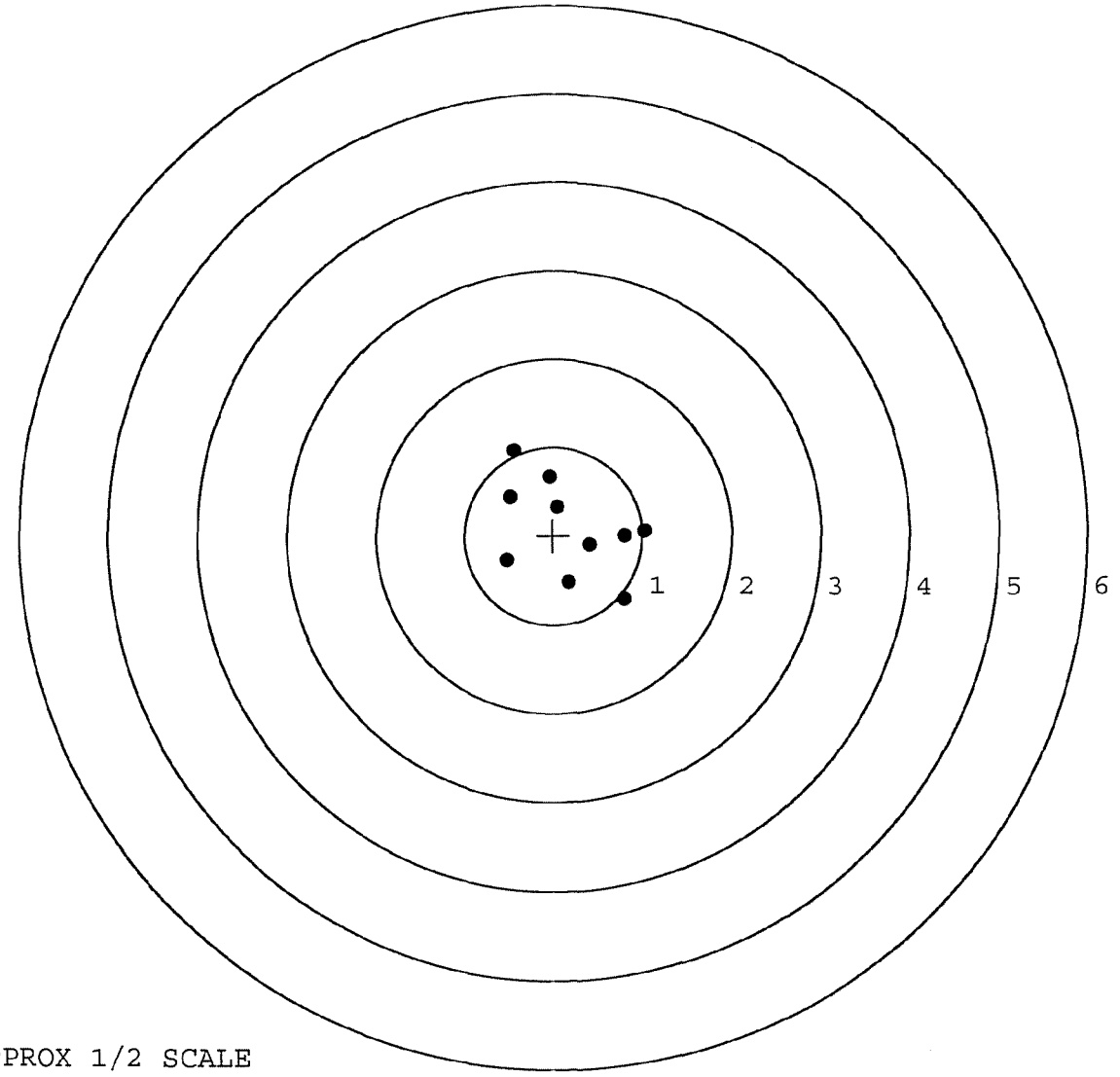


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616310.__0
TARGET NUMBER: 3
FILE DATE: 04/03/2007
FILE TIME: 00:00

X CENTROID:	0.176
Y CENTROID:	0.083
POA TO CENTROID:	0.194
HORZ SPREAD:	1.545
VERT SPREAD:	1.671
GROUP SPREAD:	2.083
MIN RADIUS:	0.272
MAX RADIUS:	1.078
MEAN RADIUS:	0.690
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.445	0.964
2:	-0.487	0.434
3:	-0.045	0.664
4:	0.046	0.322
5:	0.409	-0.106
6:	0.801	0.002
7:	1.023	0.057
8:	0.798	-0.707
9:	0.179	-0.522
10:	-0.522	-0.278



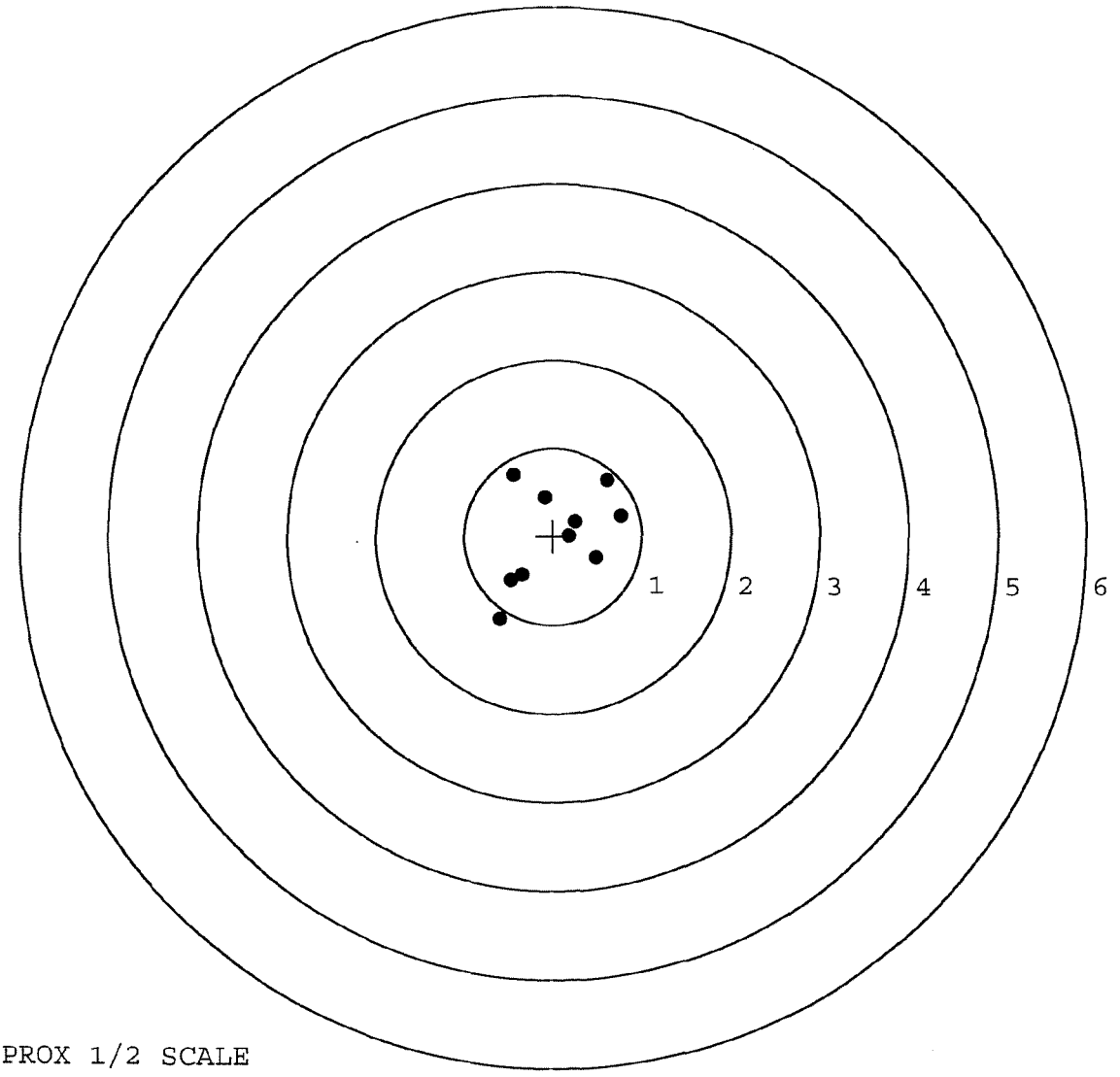
TARGET APPROX 1/2 SCALE

BARBER - M24 0136498

SERIAL NUMBER: G6616310.__0
TARGET NUMBER: 4
FILE DATE: 04/03/2007
FILE TIME: 00:00

X CENTROID:	0.032
Y CENTROID:	0.006
POA TO CENTROID:	0.033
HORZ SPREAD:	1.369
VERT SPREAD:	1.629
GROUP SPREAD:	1.994
MIN RADIUS:	0.151
MAX RADIUS:	1.136
MEAN RADIUS:	0.630
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.448	0.695
2:	-0.099	0.440
3:	0.611	0.646
4:	0.763	0.234
5:	0.249	0.160
6:	0.183	0.005
7:	0.492	-0.244
8:	-0.347	-0.441
9:	-0.606	-0.934
10:	-0.476	-0.503

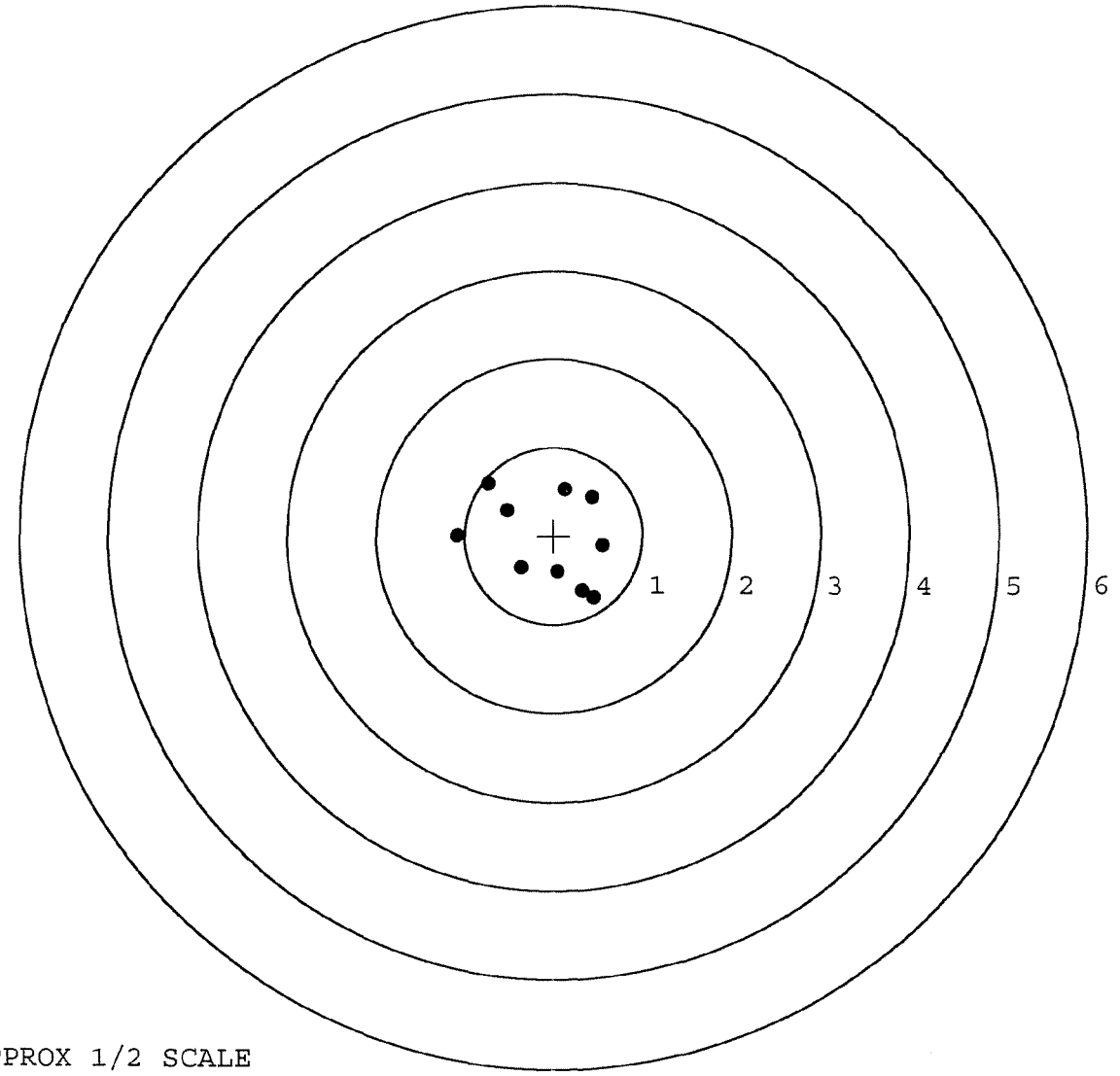


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616310.__0
TARGET NUMBER: 5
FILE DATE: 04/03/2007
FILE TIME: 00:00

X CENTROID:	-0.074
Y CENTROID:	-0.035
POA TO CENTROID:	0.081
HORZ SPREAD:	1.641
VERT SPREAD:	1.294
GROUP SPREAD:	1.687
MIN RADIUS:	0.398
MAX RADIUS:	1.009
MEAN RADIUS:	0.680
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.734	0.599
2:	-0.521	0.291
3:	0.133	0.520
4:	0.438	0.440
5:	0.559	-0.107
6:	0.050	-0.413
7:	0.331	-0.623
8:	0.456	-0.695
9:	-0.366	-0.361
10:	-1.082	-0.001



TARGET APPROX 1/2 SCALE