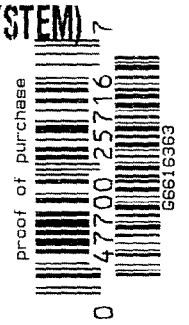
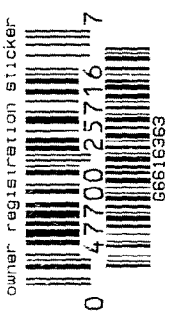
G 66/6313

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

– INSTUCTION BOOK 3518

DD FORM

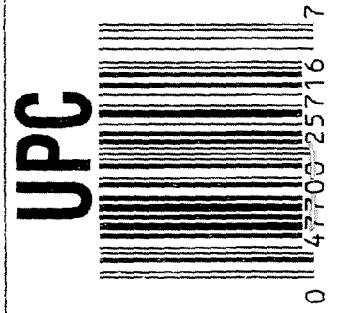




ORDER NO. 25716

BARREL LENGTH	24"
CAPACITY	6

G6616363



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

M-24

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6616363

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		1-4-07	RTZ
420	ASSEMBLE ACTION		1-4-07	RTZ
430	ASSEMBLE TO STOCK		1-4-07	FM
440	PROOF	MAGNA-FLUX INSPECTED JAN 08 2007	1-4-07	TRW
460	CHECK HEADSPACE		1-4-07	TRW
470	DIS-ASSEMBLE ACTION		1-5-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR APD	1-8-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		1-8-07	CW
510	DRILL AND TAP SIGHT HOLES		1-5-07	TRW
520	GOFF BLAST BBL / REC		1-8-07	LG
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		1/15/07	FB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		2-15-07	S.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		2-15-07	S.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		2-15-07	S.P.D.
	D) OIL FIRING PIN ASSEMBLY		2-15-07	S.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE (2.50 LBS +/- .5 LBS)		2/19/07	NCW

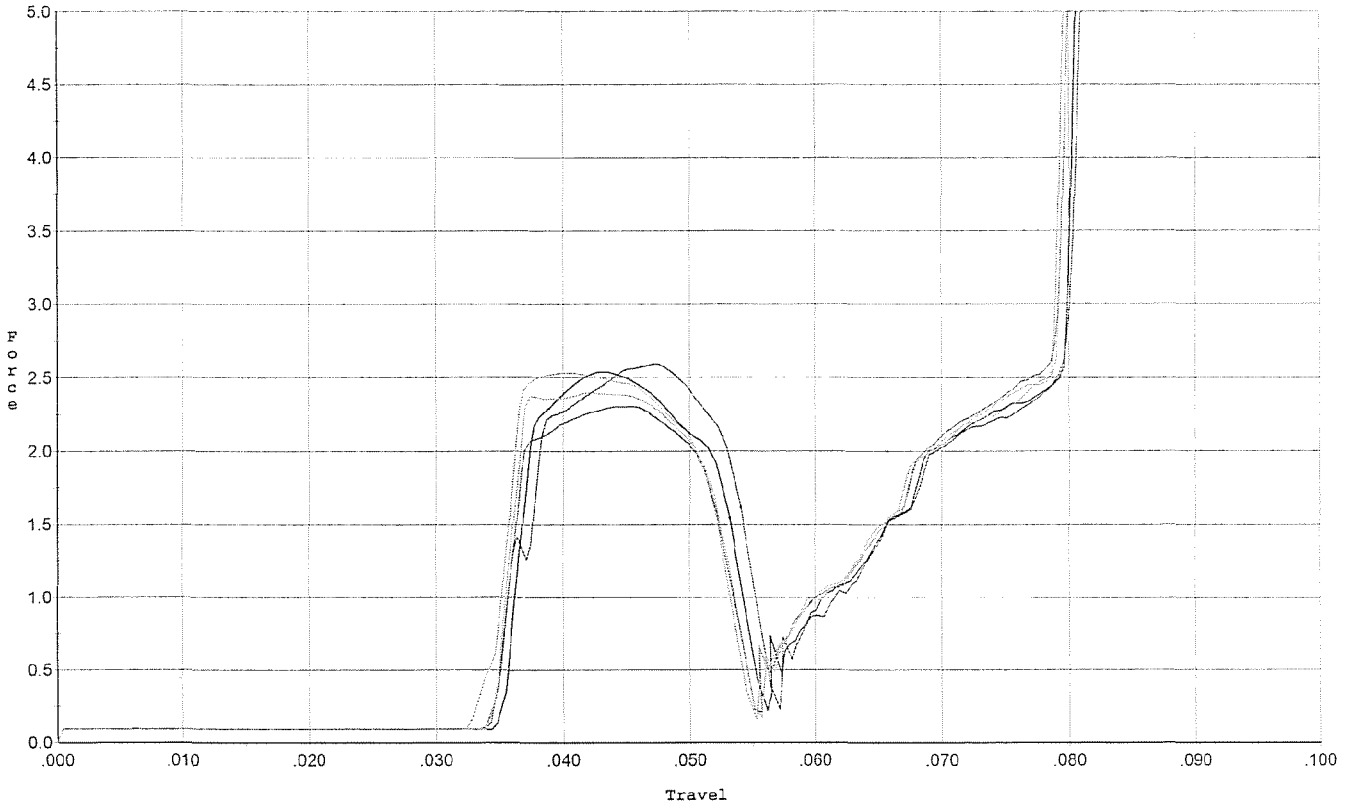
F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE (2 LBS MIN / 10 LBS MAX)	6.0 6.0 6.0	2-19-07	TRW
CONT.	G) SAFETY OFF FORCE (2 LBS MIN)	2.75 3.0 3.0	2-19-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		2/19/07	MOM
	I) FIRING PIN INDENT (.020 MIN)	.024 .025 .024⁵	2-19-07	TRW
	J) ASSEMBLE STOCK		2-15-07	
	K) ASSEMBLE SWIVEL STUDS		2/19/07	MOM
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		2/19/07	MOM
	M) IRON SIGHT ALIGNMENT		2/19/07	MOM
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		2/19/07	MOM
640 &	FUNCTION TEST AND	(PASS) FAIL		
650	TARGET	(PASS) FAIL	2/16/07	MOM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		2-16-07	SD
670	FINAL INSPECTION A) HEADSPACE		2/19/07	MOM
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.67 2.68 2.50 2.54 2.62	2-19-07	TRW
	C) FUNCTION		2/19/07	MOM
690	PACK		5/23/07	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 1/18/07		



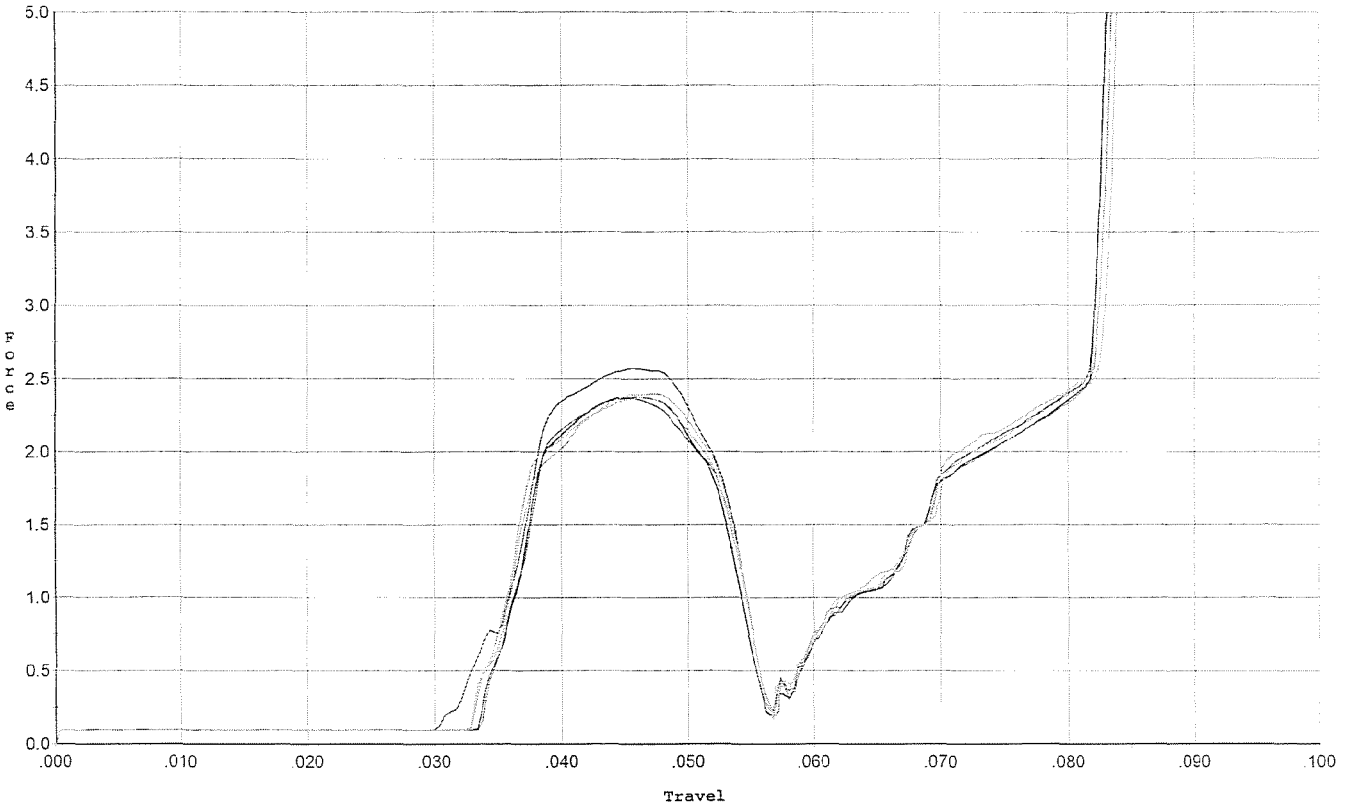
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.591	0.054	0.035	0.034	0.045		Set Trigger
2	2.537	0.053	0.035	0.035	0.042		Set Trigger
3	2.302	0.053	0.034	0.034	0.040		Set Trigger
4	2.398	0.053	0.034	0.034	0.042		Set Trigger
5	2.532	0.052	0.033	0.034	0.043		Set Trigger

AVG 2.47

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/18/2007 1:57:11 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 1/18/07		



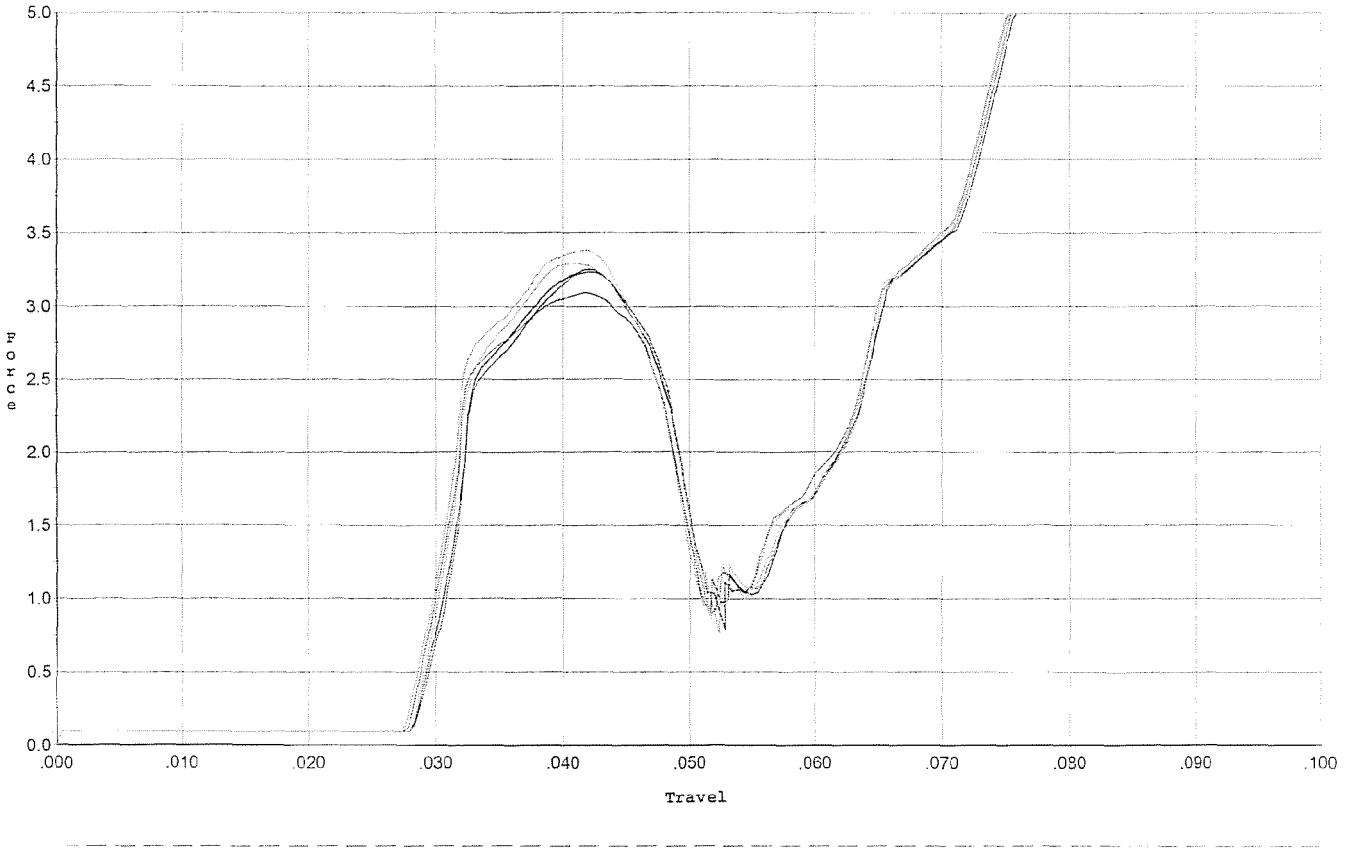
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.570	0.054	0.031	0.036	0.046		Set Trigger
2	2.374	0.053	0.034	0.036	0.041		Set Trigger
3	2.367	0.054	0.034	0.036	0.041		Set Trigger
4	2.375	0.054	0.033	0.036	0.043		Set Trigger
5	2.397	0.054	0.033	0.036	0.042		Set Trigger

Avg 2.41

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/18/2007 2:03:02 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 1/18/07		



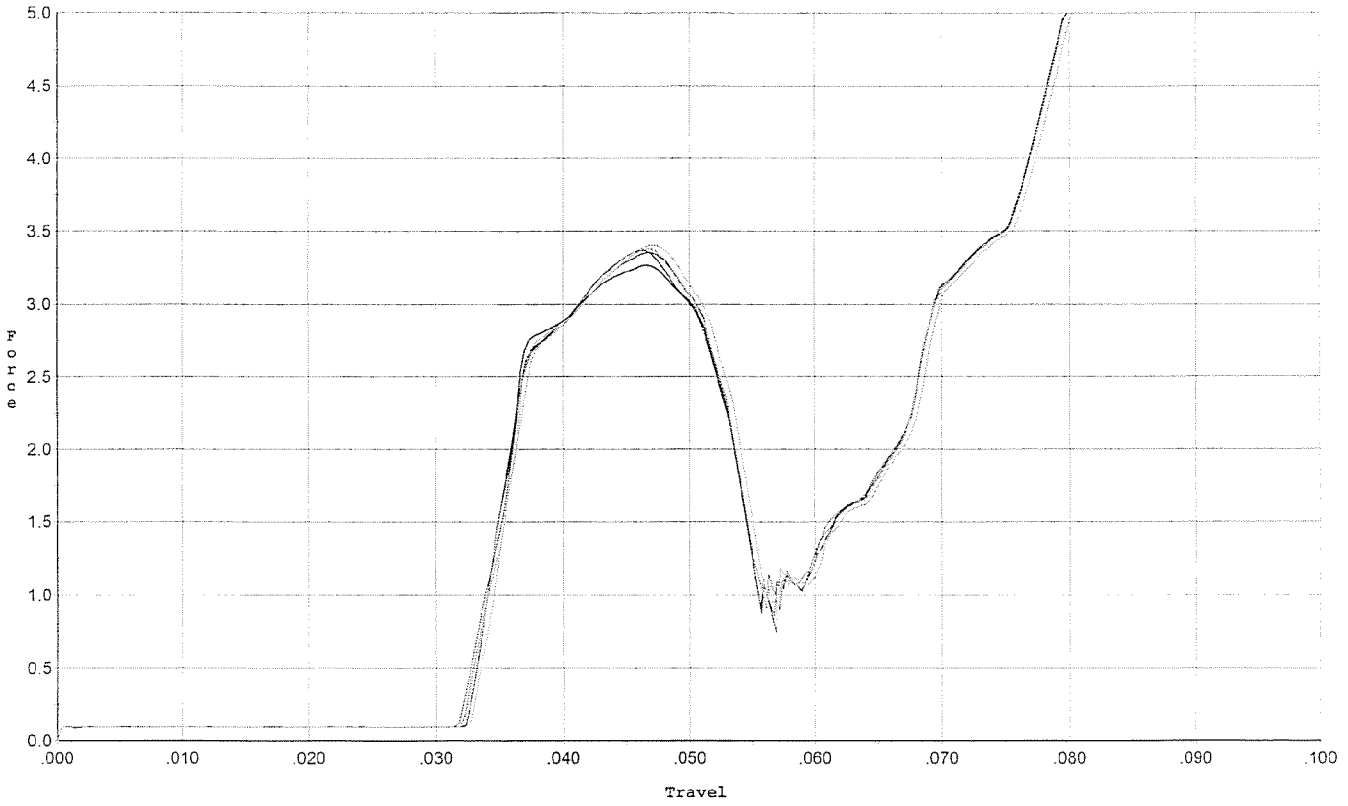
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.235	0.048	0.029	0.032	0.053		Set Trigger
2	3.252	0.049	0.029	0.032	0.054		Set Trigger
3	3.094	0.048	0.028	0.032	0.053		Set Trigger
4	3.294	0.048	0.028	0.032	0.056		Set Trigger
5	3.384	0.048	0.028	0.032	0.056		Set Trigger

Avg 3.26

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/18/2007 2:06:32 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 1/18/07		



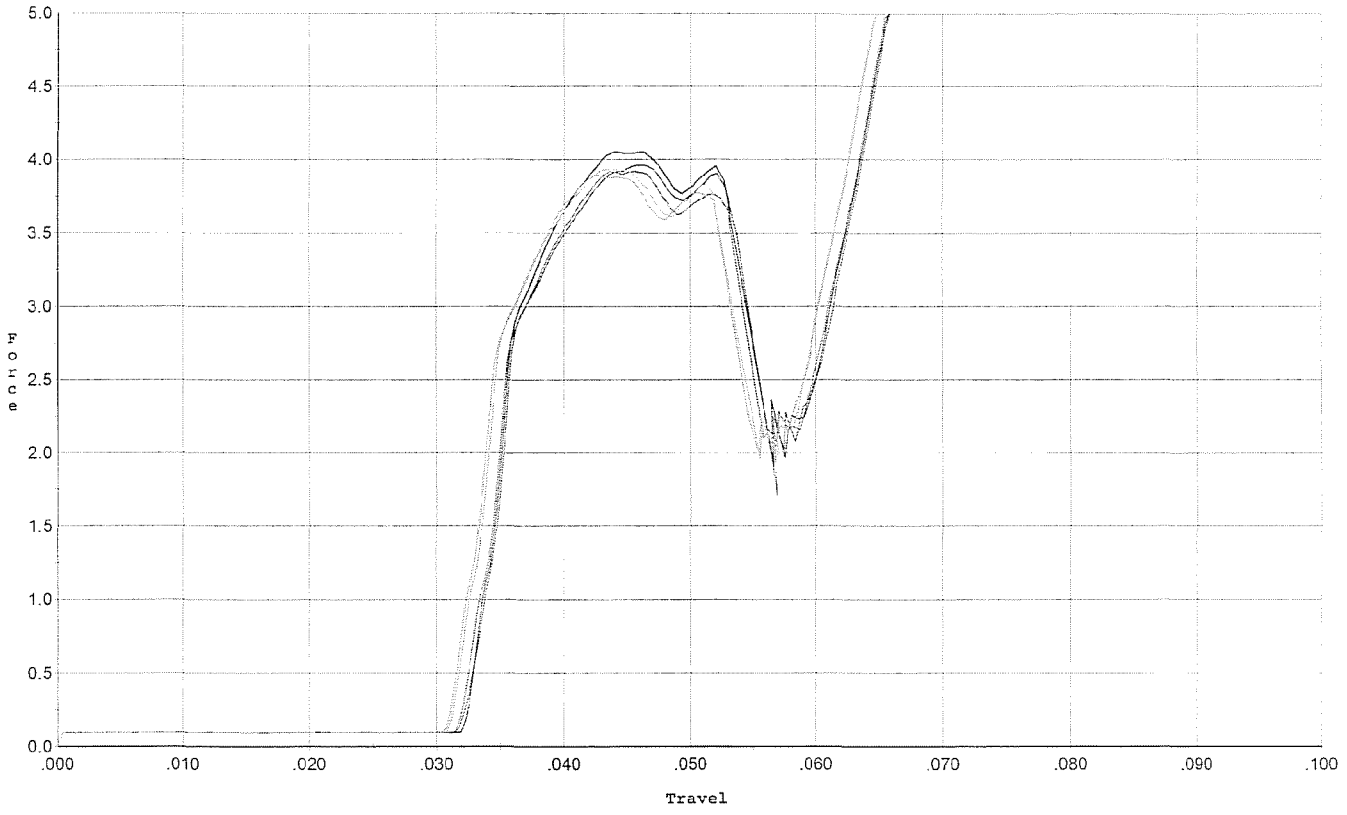
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.372	0.053	0.032	0.033	0.059		Set Trigger
2	3.272	0.053	0.033	0.033	0.058		Set Trigger
3	3.355	0.053	0.032	0.033	0.058		Set Trigger
4	3.407	0.053	0.033	0.033	0.059		Set Trigger
5	3.382	0.053	0.032	0.033	0.058		Set Trigger

Avg 3.35

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/18/2007 2:10:03 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 1/18/07		



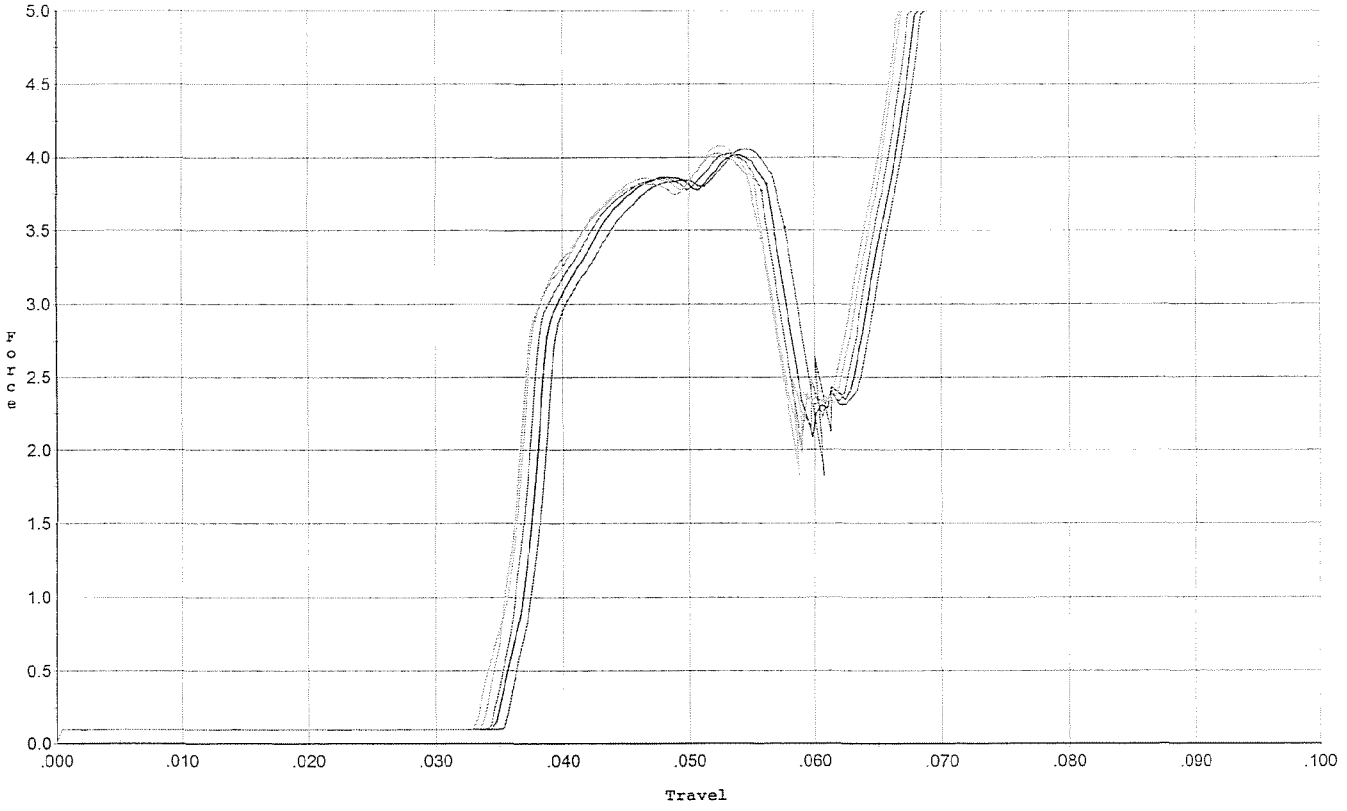
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.960	0.054	0.032	0.018	0.075		Set Trigger
2	4.049	0.054	0.032	0.018	0.078		Set Trigger
3	3.918	0.053	0.032	0.018	0.074		Set Trigger
4	3.928	0.052	0.031	0.018	0.073		Set Trigger
5	3.896	0.052	0.031	0.018	0.073		Set Trigger

Avg 3.95

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/18/2007 2:14:54 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 1/18/07		



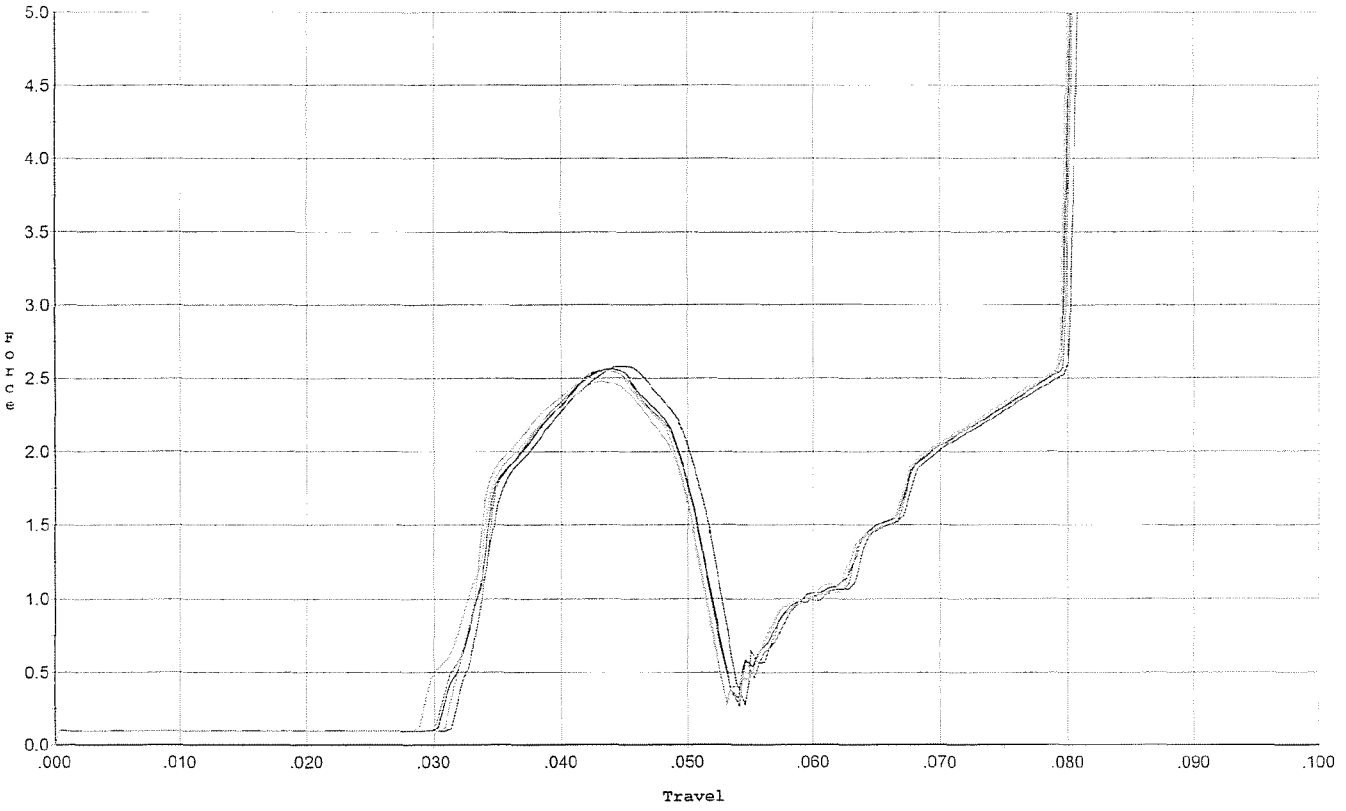
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.056	0.058	0.036	0.016	0.078		Set Trigger
2	4.019	0.056	0.035	0.016	0.076		Set Trigger
3	4.026	0.056	0.035	0.016	0.077		Set Trigger
4	4.079	0.055	0.033	0.016	0.077		Set Trigger
5	4.027	0.056	0.034	0.016	0.078		Set Trigger

AVG 4.041

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/18/2007 2:25:42 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 1/18/07		



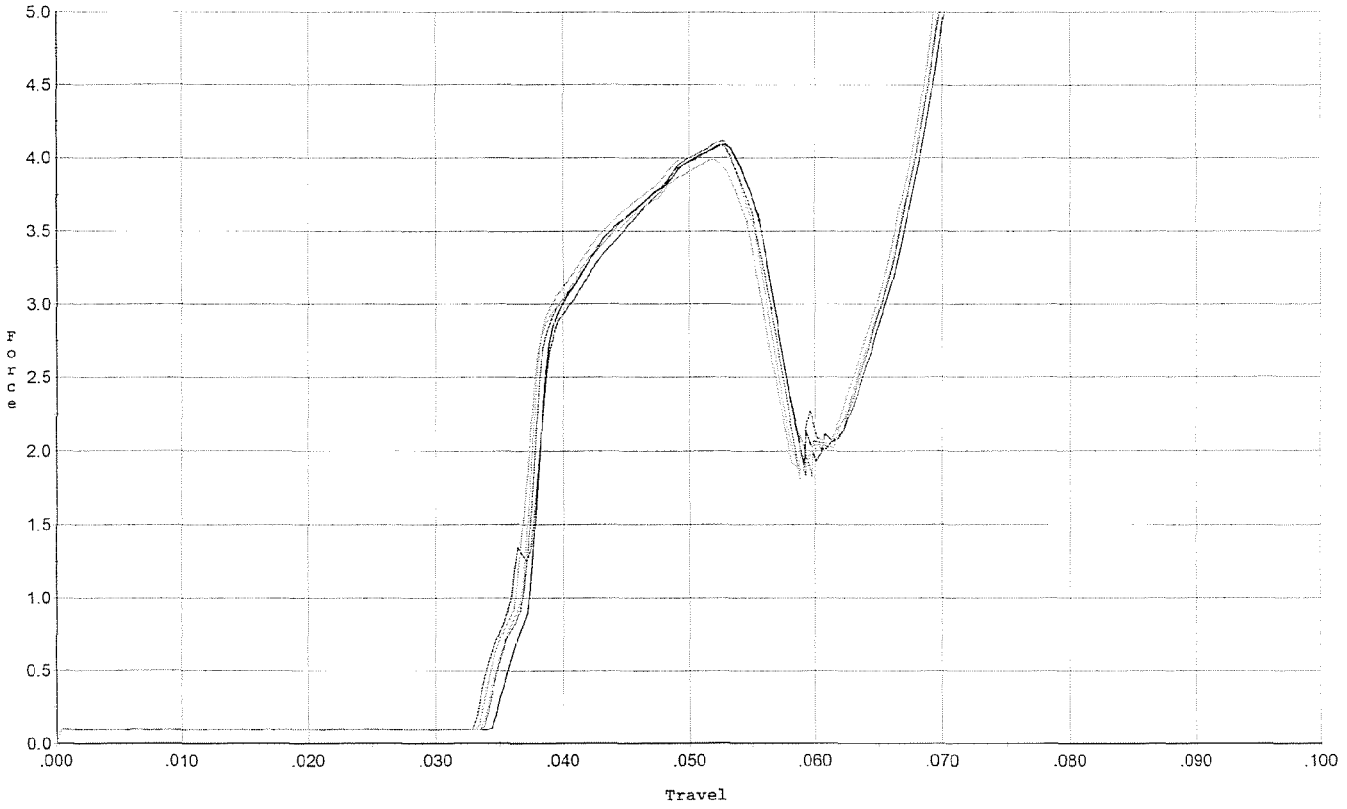
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.580	0.052	0.032	0.034	0.043		Set Trigger
2	2.563	0.051	0.031	0.034	0.042		Set Trigger
3	2.558	0.051	0.030	0.035	0.042		Set Trigger
4	2.480	0.050	0.029	0.034	0.042		Set Trigger
5	2.552	0.051	0.031	0.034	0.043		Set Trigger

AVG 2.54

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/18/2007 2:32:01 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 1/18/07		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.118	0.056	0.033	0.019	0.073		Set Trigger
2	4.096	0.056	0.035	0.019	0.072		Set Trigger
3	4.089	0.056	0.034	0.019	0.074		Set Trigger
4	4.108	0.055	0.034	0.019	0.073		Set Trigger
5	3.992	0.055	0.034	0.020	0.071		Set Trigger

Aug 4.08

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 1/18/2007 2:44:09 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6616363.__0
FILE DATE AND TIME: 02/16/2007 23:14

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

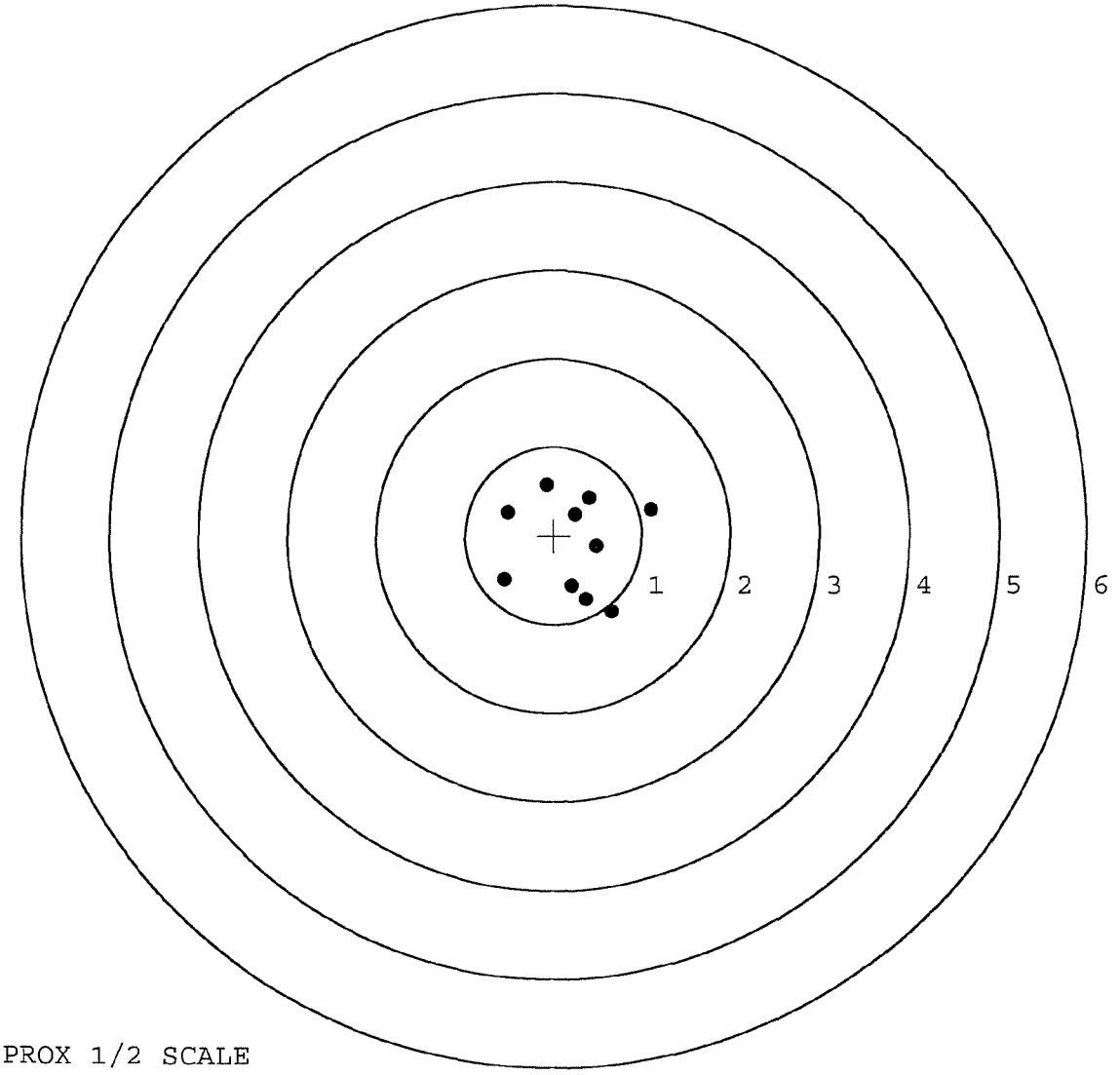
The Average X Centroid of the Five Target Set:	0.090
The Average Y Centroid of the Five Target Set:	0.025
The Average Point of Impact of the Five Target Set:	0.094
The Average Mean Radius of the Five Target Set:	0.579
The Distance from POA to Centroid Target #1:	0.250
The Distance from Centroid Target #2 to Centroid Target #1:	0.417
The Distance from Centroid Target #3 to Centroid Target #1:	0.212
The Distance from Centroid Target #4 to Centroid Target #1:	0.115
The Distance from Centroid Target #5 to Centroid Target #1:	0.190

BARBER - M24 0137492

SERIAL NUMBER: G6616363.__0
TARGET NUMBER: 1
FILE DATE: 02/16/2007
FILE TIME: 23:14

X CENTROID:	0.231
Y CENTROID:	-0.095
POA TO CENTROID:	0.250
HORZ SPREAD:	1.658
VERT SPREAD:	1.423
GROUP SPREAD:	1.837
MIN RADIUS:	0.257
MAX RADIUS:	0.953
MEAN RADIUS:	0.653
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.084	0.569
2:	-0.523	0.261
3:	-0.556	-0.497
4:	0.210	-0.564
5:	0.373	-0.716
6:	0.654	-0.854
7:	0.488	-0.116
8:	0.406	0.432
9:	0.245	0.241
10:	1.102	0.294



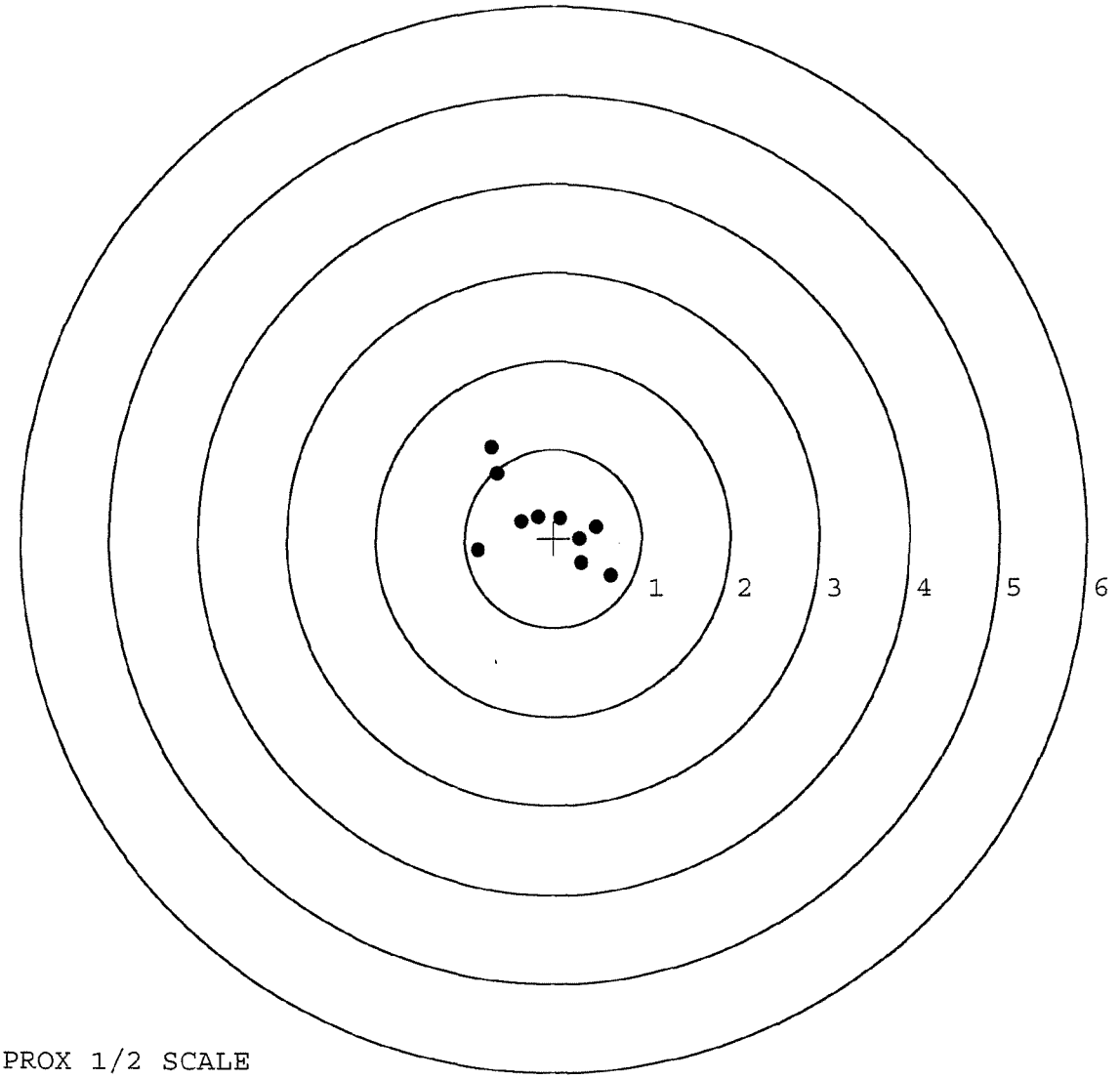
TARGET APPROX 1/2 SCALE

BARBER - M24 0137493

SERIAL NUMBER: G6616363.__0
TARGET NUMBER: 2
FILE DATE: 02/16/2007
FILE TIME: 23:14

X CENTROID:	-0.091
Y CENTROID:	0.170
POA TO CENTROID:	0.192
HORZ SPREAD:	1.501
VERT SPREAD:	1.437
GROUP SPREAD:	1.970
MIN RADIUS:	0.108
MAX RADIUS:	1.045
MEAN RADIUS:	0.576
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.696	1.022
2:	-0.638	0.733
3:	-0.850	-0.134
4:	-0.370	0.189
5:	-0.175	0.237
6:	0.077	0.221
7:	0.482	0.127
8:	0.290	-0.007
9:	0.319	-0.278
10:	0.651	-0.415



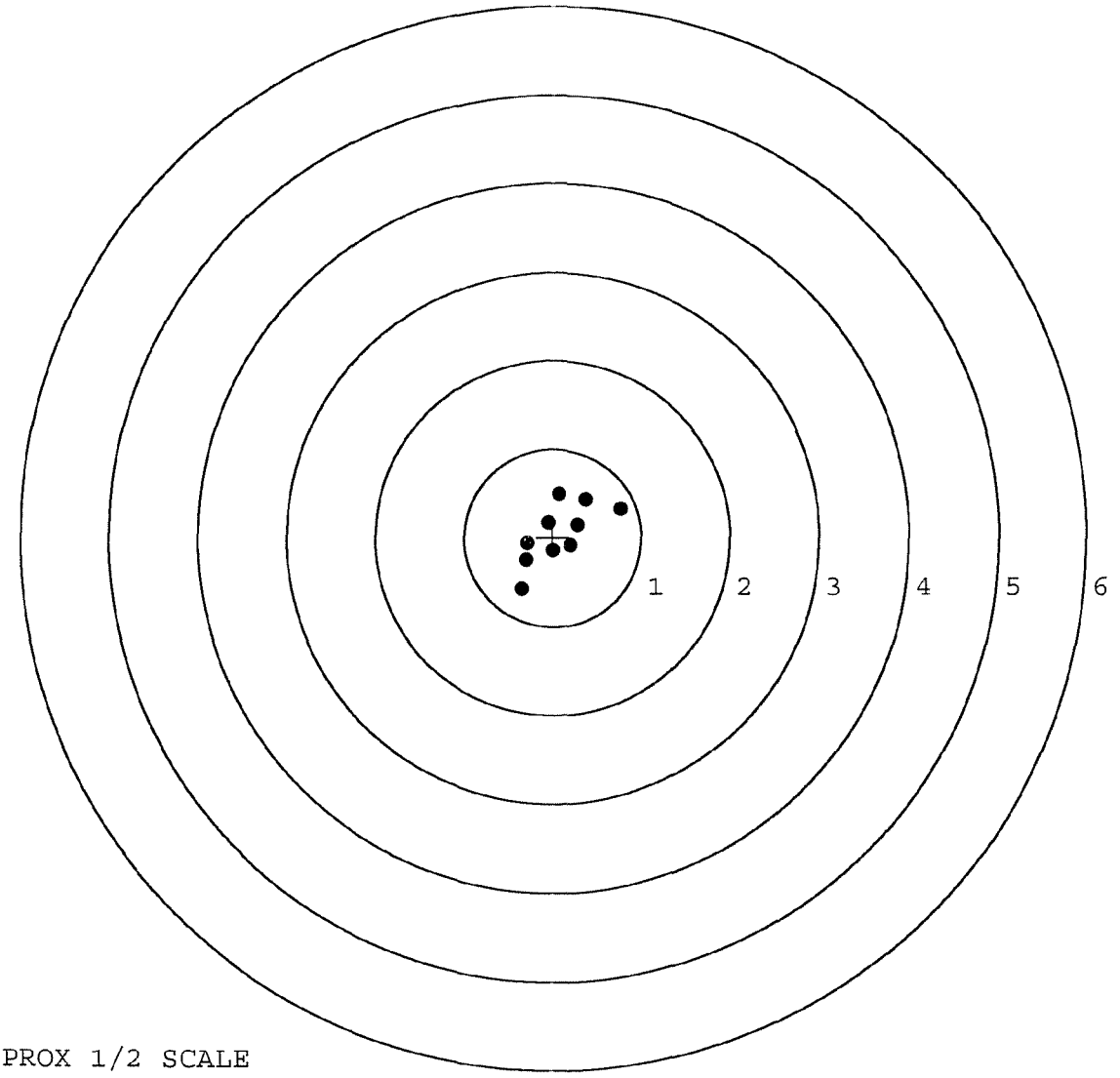
TARGET APPROX 1/2 SCALE

BARBER - M24 0137494

SERIAL NUMBER: G6616363.__0
TARGET NUMBER: 3
FILE DATE: 02/16/2007
FILE TIME: 23:14

X CENTROID:	0.068
Y CENTROID:	0.039
POA TO CENTROID:	0.078
HORZ SPREAD:	1.121
VERT SPREAD:	1.074
GROUP SPREAD:	1.443
MIN RADIUS:	0.173
MAX RADIUS:	0.756
MEAN RADIUS:	0.409
# IN 1 IN DIAMETER:	8
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.073	0.488
2:	0.369	0.427
3:	0.763	0.322
4:	0.274	0.142
5:	-0.052	0.164
6:	0.206	-0.096
7:	-0.293	-0.067
8:	-0.006	-0.149
9:	-0.300	-0.258
10:	-0.358	-0.586



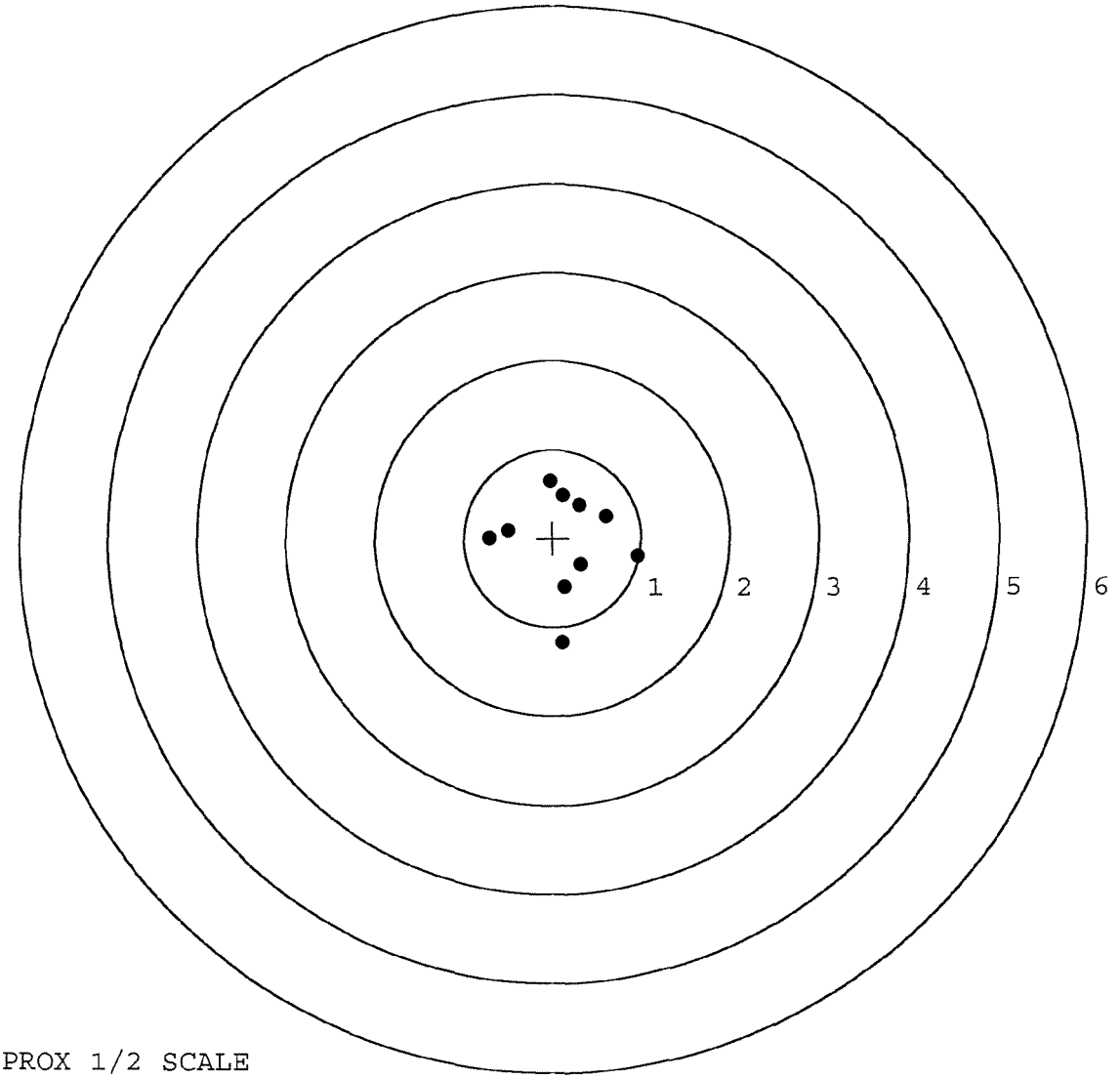
TARGET APPROX 1/2 SCALE

BARBER - M24 0137495

SERIAL NUMBER: G6616363.__0
TARGET NUMBER: 4
FILE DATE: 02/16/2007
FILE TIME: 23:14

X CENTROID:	0.132
Y CENTROID:	-0.039
POA TO CENTROID:	0.137
HORZ SPREAD:	1.687
VERT SPREAD:	1.827
GROUP SPREAD:	1.832
MIN RADIUS:	0.319
MAX RADIUS:	1.145
MEAN RADIUS:	0.655
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.030	0.643
2:	0.303	0.376
3:	0.602	0.247
4:	0.973	-0.203
5:	-0.507	0.087
6:	-0.714	0.006
7:	0.321	-0.295
8:	0.139	-0.549
9:	0.111	-1.184
10:	0.119	0.485



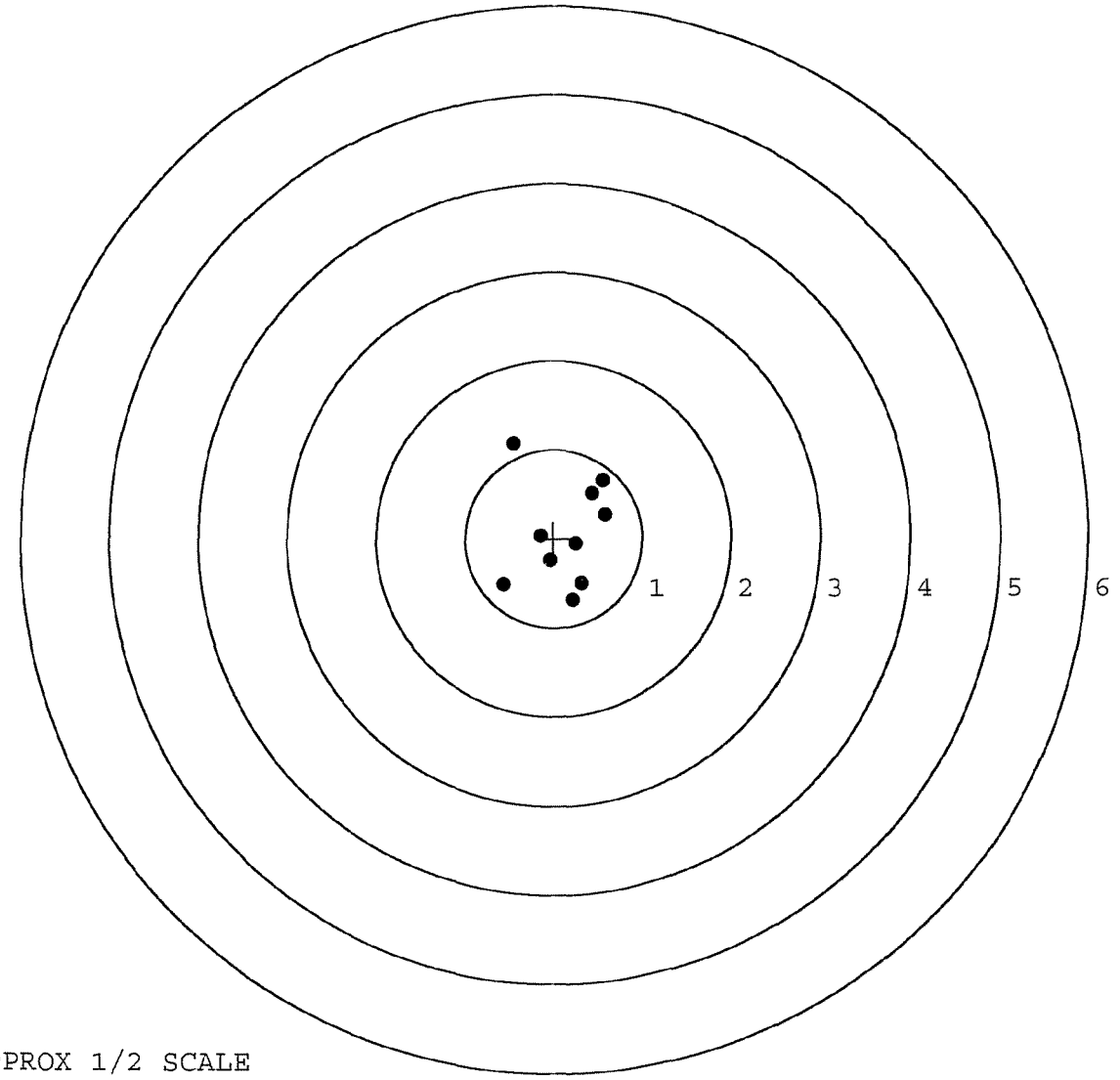
TARGET APPROX 1/2 SCALE

BARBER - M24 0137496

SERIAL NUMBER: G6616363.__0
TARGET NUMBER: 5
FILE DATE: 02/16/2007
FILE TIME: 23:14

X CENTROID:	0.111
Y CENTROID:	0.052
POA TO CENTROID:	0.122
HORZ SPREAD:	1.147
VERT SPREAD:	1.762
GROUP SPREAD:	1.886
MIN RADIUS:	0.184
MAX RADIUS:	1.169
MEAN RADIUS:	0.599
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.458	1.073
2:	0.548	0.654
3:	0.574	0.273
4:	-0.151	0.031
5:	0.253	-0.065
6:	-0.045	-0.248
7:	-0.573	-0.515
8:	0.314	-0.503
9:	0.214	-0.689
10:	0.430	0.508



TARGET APPROX 1/2 SCALE