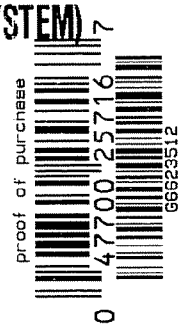
G 662 3512

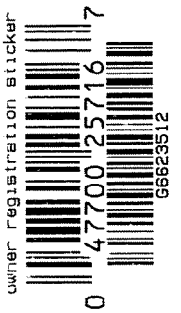
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

– INSTUCTION BOOK 3518

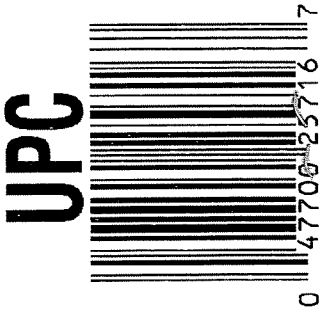
DD FORM





ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6623512



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 0140409

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6623512

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-27-06	RTZ
420	ASSEMBLE ACTION		1-3-07	RTZ
430	ASSEMBLE TO STOCK		1-4-07	FM
440	PROOF	MAGNA-FLUX INSPECTED JAN 8 2007	1-4-07	TRW
460	CHECK HEADSPACE		1-4-07	TRW
470	DIS-ASSEMBLE ACTION		1-4-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR APD	1-4-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		1-5-07	CW
510	DRILL AND TAP SIGHT HOLES		1-5-07	TRW
520	GOFF BLAST BBL / REC		1-8-07	BS
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		1/16/07	BS
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		1-17-07	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-17-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-17-07	SD
	D) OIL FIRING PIN ASSEMBLY		1-24-07	[illegible]
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		2/1/07	mon

F004 REV 5/2006

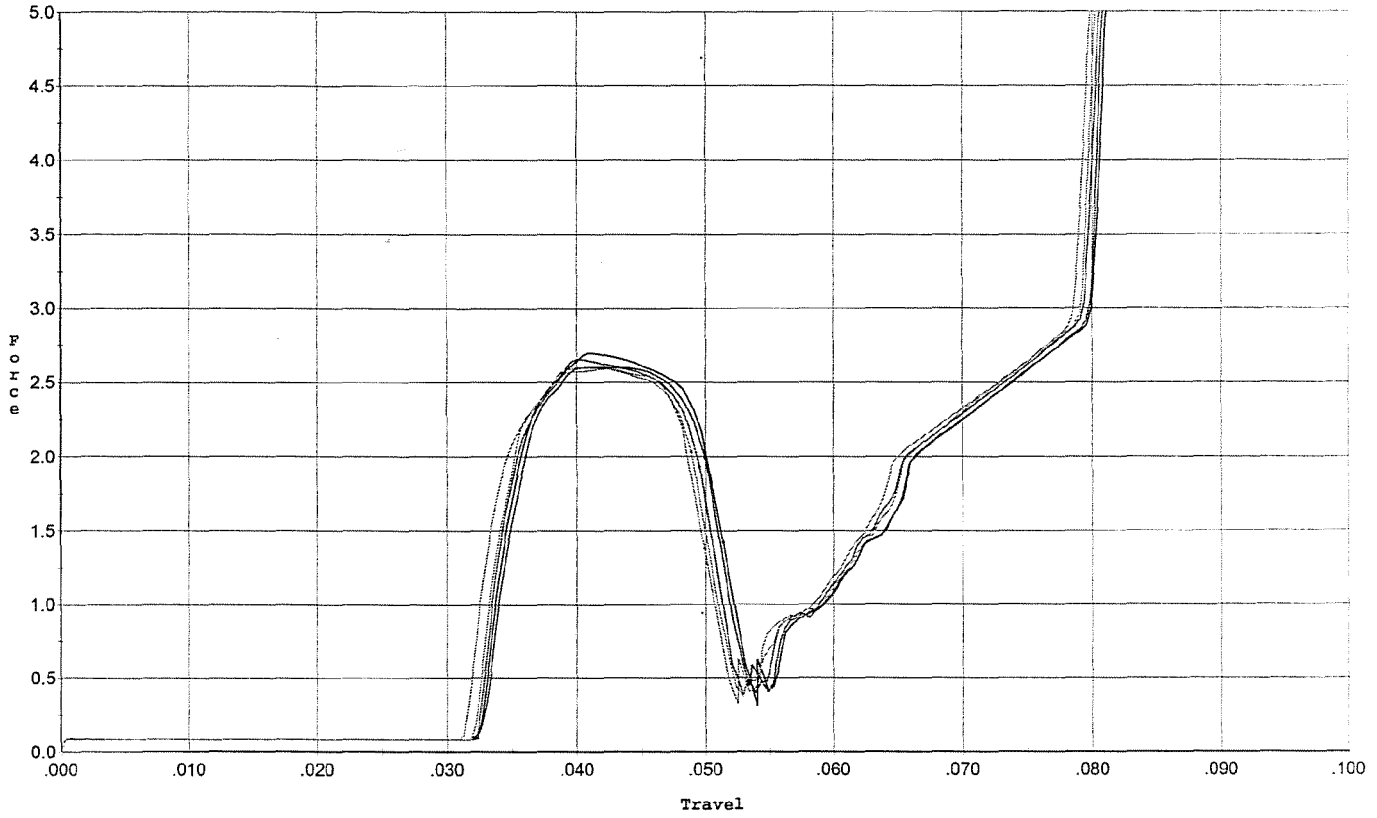
OP #	OPERATION NAME	READINGS	DATE	INITIAL
	BARBER - M24 0140410			
560	F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX]	6 lbs 5 lbs 5 lbs	2/13/07	mom
CONT.	G) SAFETY OFF FORCE [2 LBS MIN]	3.5 lbs 3 lbs 3 lbs	2/13/07	mom
	H) TRIGGER PULL TEST AND RETAINABILITY		2/19/07	mom
	I) FIRING PIN INDENT [.020 MIN]	.025 .024 .024	2/13/07	mom
	J) ASSEMBLE STOCK		1-24-07	L.P.D.
	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	1-26-07	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1-26-07	SD
670	FINAL INSPECTION A) HEADSPACE		2/19/07	mom
	B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS]	2.53 2.24 2.33 2.44 2.49	2-7-07	TRW
	C) FUNCTION		2/19/07	mom
690	PACK		2-20-07	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 12/20/06		



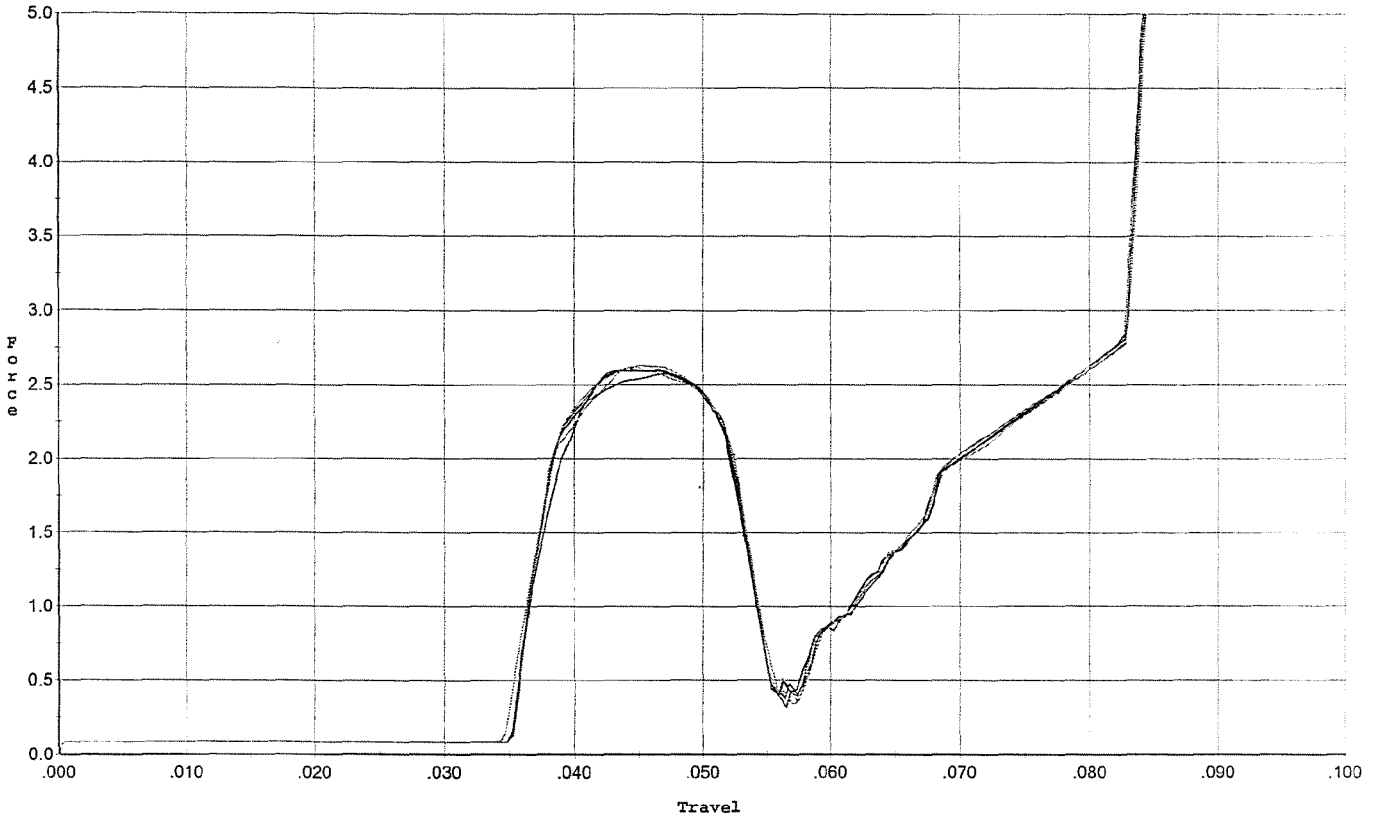
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.603	0.050	0.033	0.035	0.042		Set Trigger
2	2.697	0.051	0.033	0.035	0.045		Set Trigger
3	2.653	0.050	0.033	0.035	0.042		Set Trigger
4	2.599	0.049	0.032	0.035	0.041		Set Trigger
5	2.593	0.050	0.032	0.035	0.043		Set Trigger

Avg 2.62

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/20/2006 5:38:47 AM

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 12/20/06		



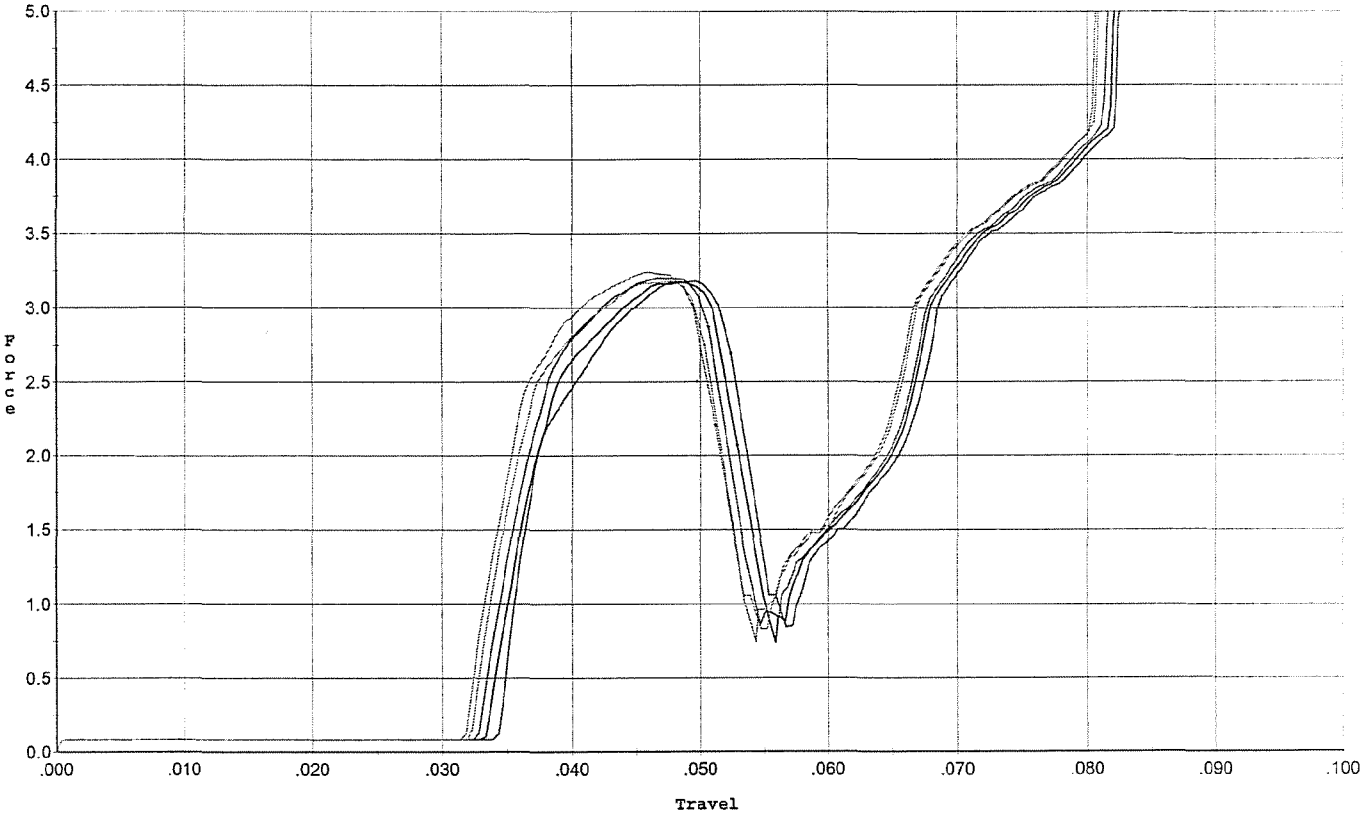
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.578	0.053	0.035	0.037	0.041		Set Trigger
2	2.606	0.053	0.035	0.037	0.042		Set Trigger
3	2.609	0.053	0.035	0.037	0.042		Set Trigger
4	2.626	0.053	0.035	0.037	0.043		Set Trigger
5	2.631	0.052	0.036	0.037	0.042		Set Trigger

Avg 2.61

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/20/2006 5:42:47 AM

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 12/20/06		



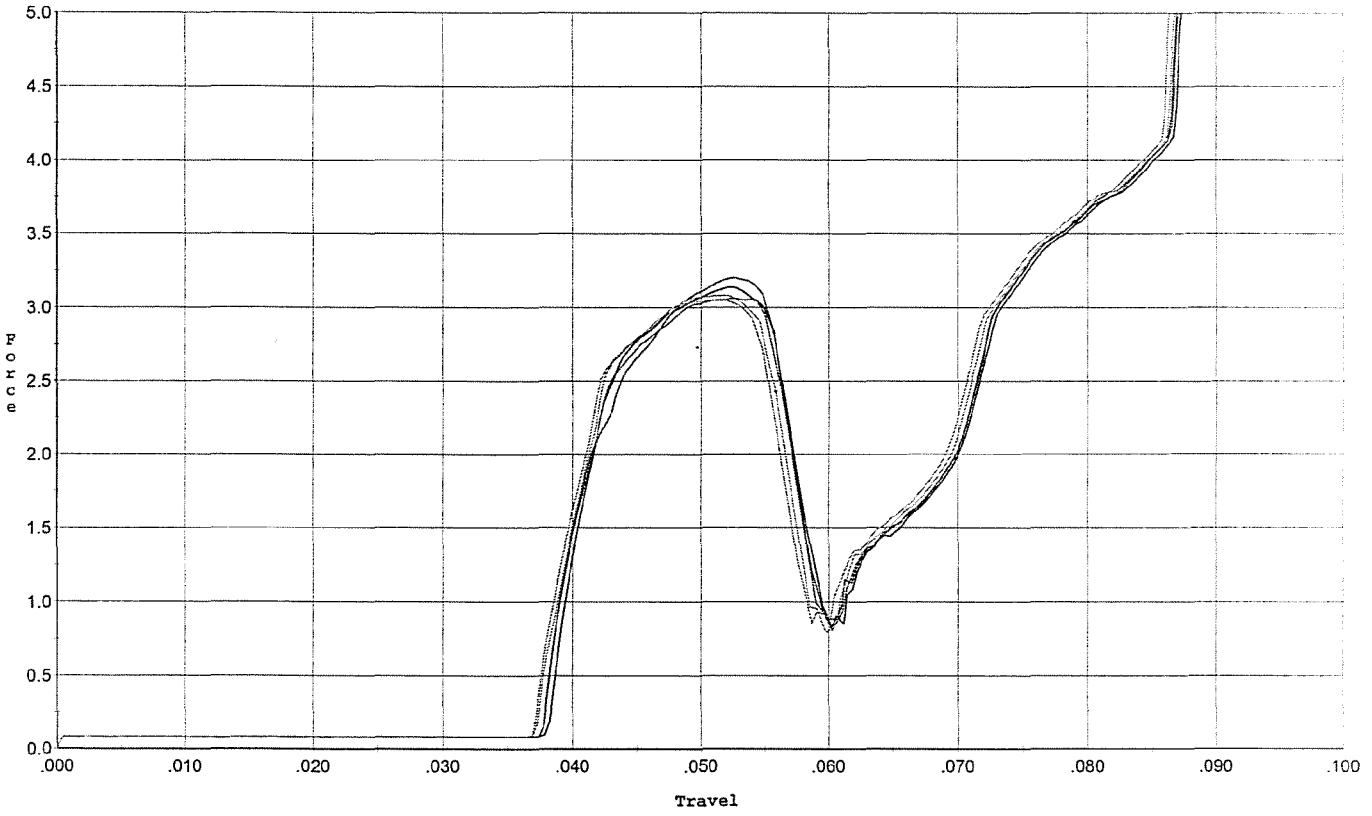
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.180	0.052	0.035	0.035	0.051		Set Trigger
2	3.171	0.053	0.034	0.035	0.052		Set Trigger
3	3.199	0.051	0.033	0.035	0.051		Set Trigger
4	3.179	0.050	0.032	0.034	0.051		Set Trigger
5	3.240	0.051	0.032	0.034	0.054		Set Trigger

Aug 3.19

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/20/2006 5:48:01 AM

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 12/20/06		



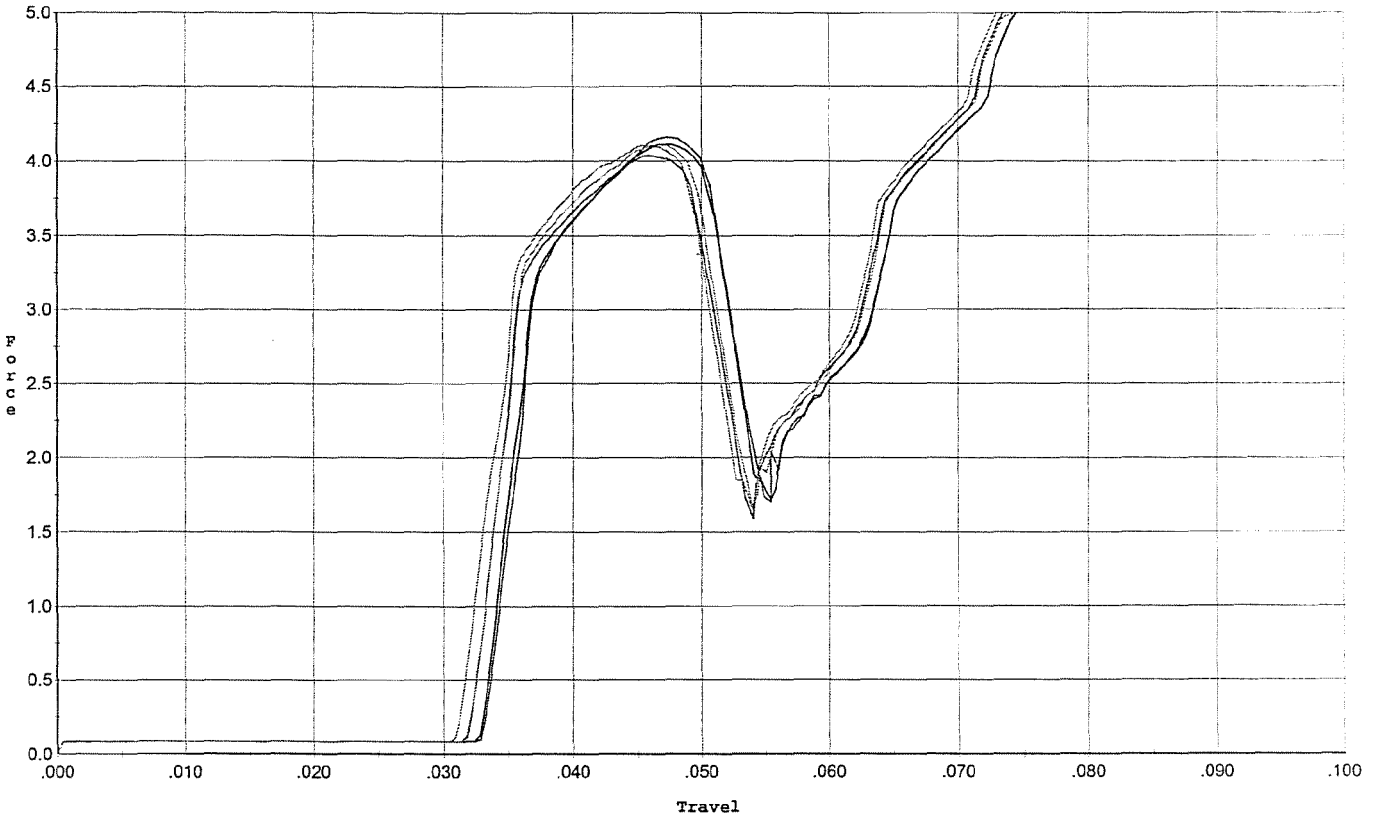
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.201	0.056	0.038	0.037	0.051		Set Trigger
2	3.139	0.056	0.038	0.037	0.051		Set Trigger
3	3.062	0.056	0.038	0.037	0.051		Set Trigger
4	3.082	0.056	0.037	0.037	0.051		Set Trigger
5	3.052	0.055	0.037	0.037	0.050		Set Trigger

Avg 3.10

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/20/2006 5:50:10 AM

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 12/20/06		



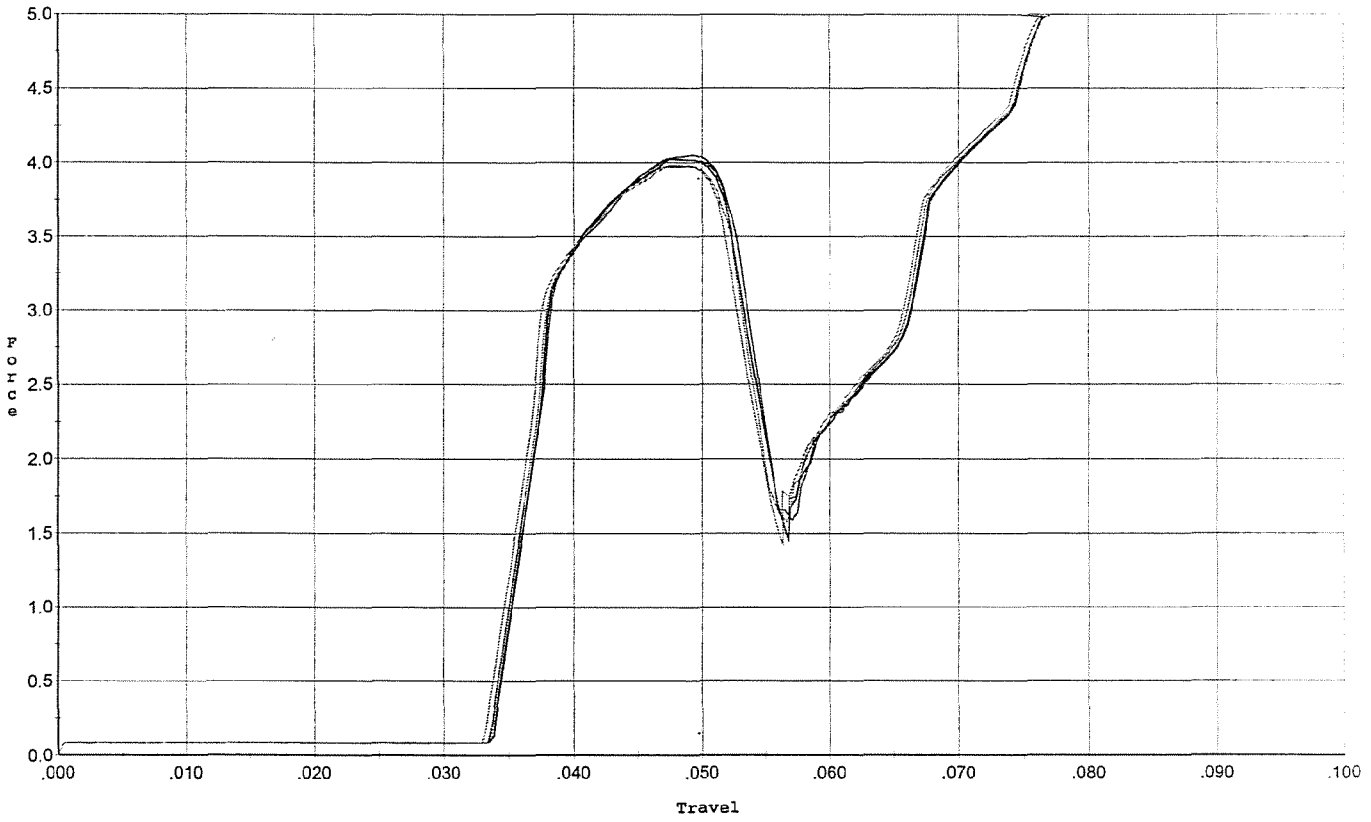
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.160	0.051	0.033	0.031	0.066		Set Trigger
2	4.113	0.051	0.033	0.031	0.067		Set Trigger
3	4.039	0.051	0.032	0.032	0.067		Set Trigger
4	4.112	0.050	0.032	0.032	0.066		Set Trigger
5	4.104	0.049	0.031	0.031	0.067		Set Trigger

Avg 4.10

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/20/2006 6:04:36 AM

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 12/20/06		

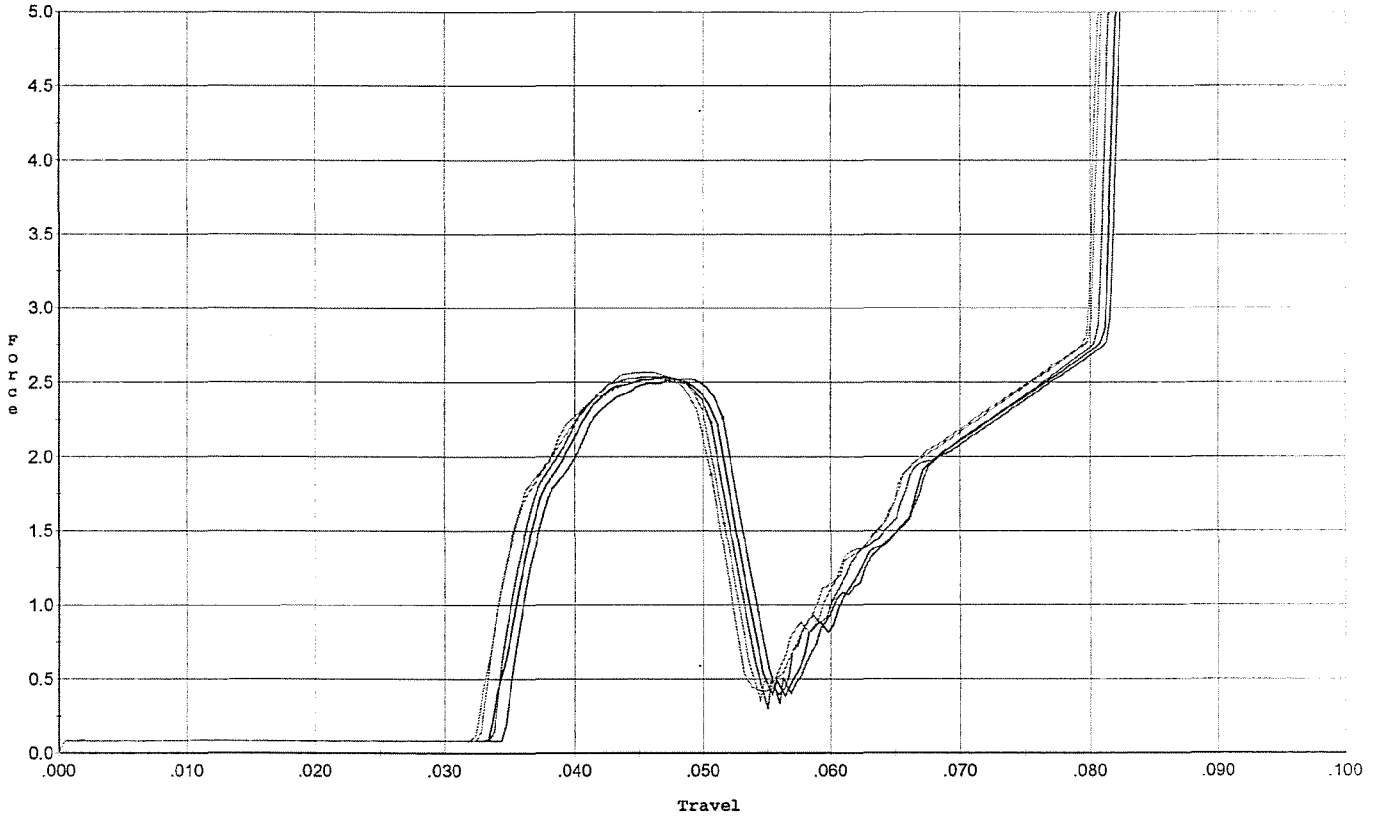


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.054	0.053	0.034	0.032	0.067		Set Trigger
2	4.029	0.052	0.034	0.033	0.065		Set Trigger
3	4.019	0.052	0.034	0.033	0.065		Set Trigger
4	3.980	0.051	0.033	0.033	0.065		Set Trigger
5	3.980	0.052	0.034	0.033	0.065		Set Trigger

Avg 4.01

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 12/20/06		



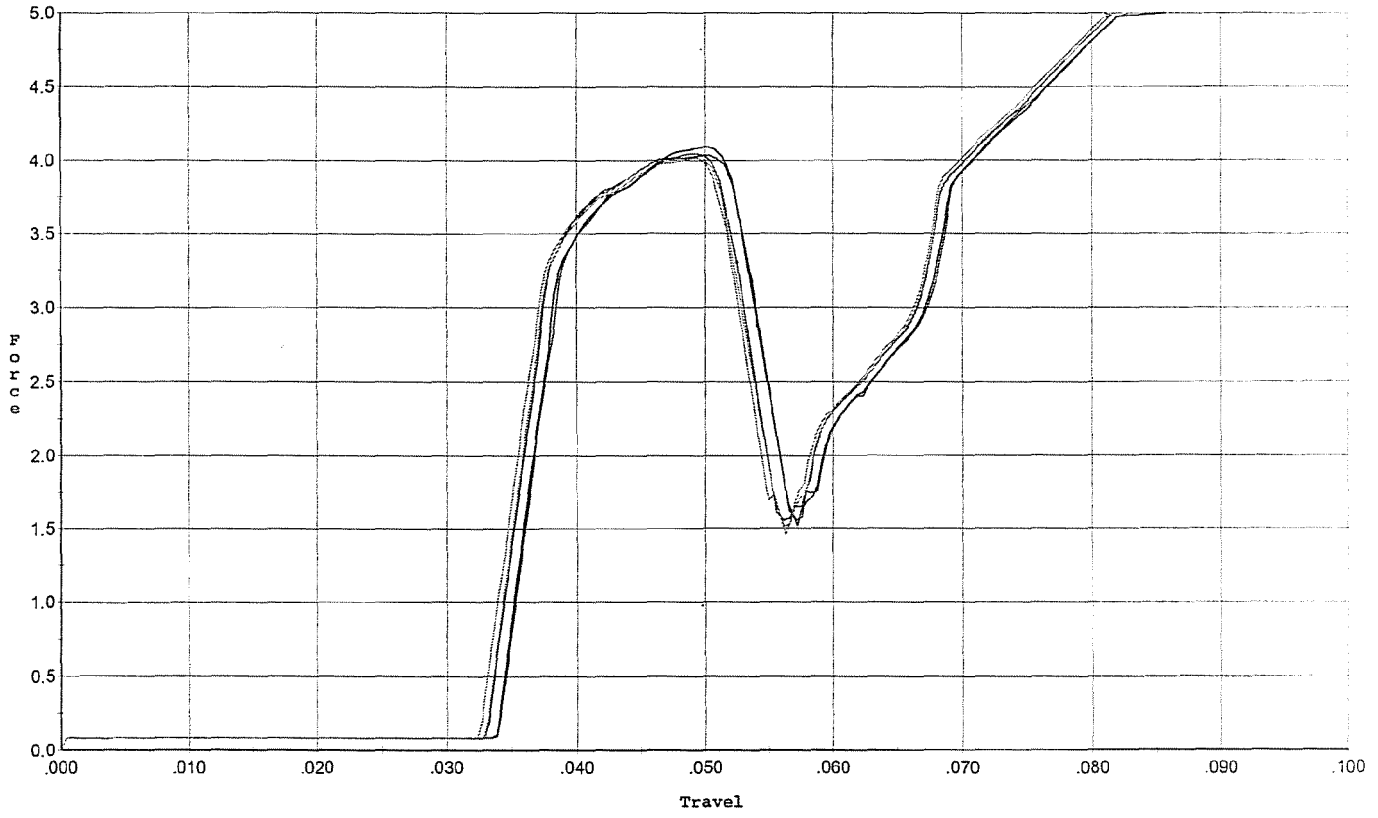
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.522	0.052	0.035	0.036	0.040		Set Trigger
2	2.535	0.051	0.034	0.036	0.040		Set Trigger
3	2.537	0.051	0.034	0.035	0.040		Set Trigger
4	2.569	0.052	0.033	0.035	0.042		Set Trigger
5	2.542	0.051	0.033	0.035	0.041		Set Trigger

Avg 2.54

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/20/2006 6:12:11 AM

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 12/20/06		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.035	0.054	0.034	0.034	0.070		Set Trigger
2	4.091	0.054	0.034	0.034	0.071		Set Trigger
3	4.047	0.052	0.033	0.033	0.069		Set Trigger
4	4.018	0.053	0.033	0.033	0.070		Set Trigger
5	4.020	0.052	0.033	0.033	0.068		Set Trigger

Avg 4.04

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/20/2006 6:15:09 AM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6623512.__0
FILE DATE AND TIME: 01/29/2007 12:58

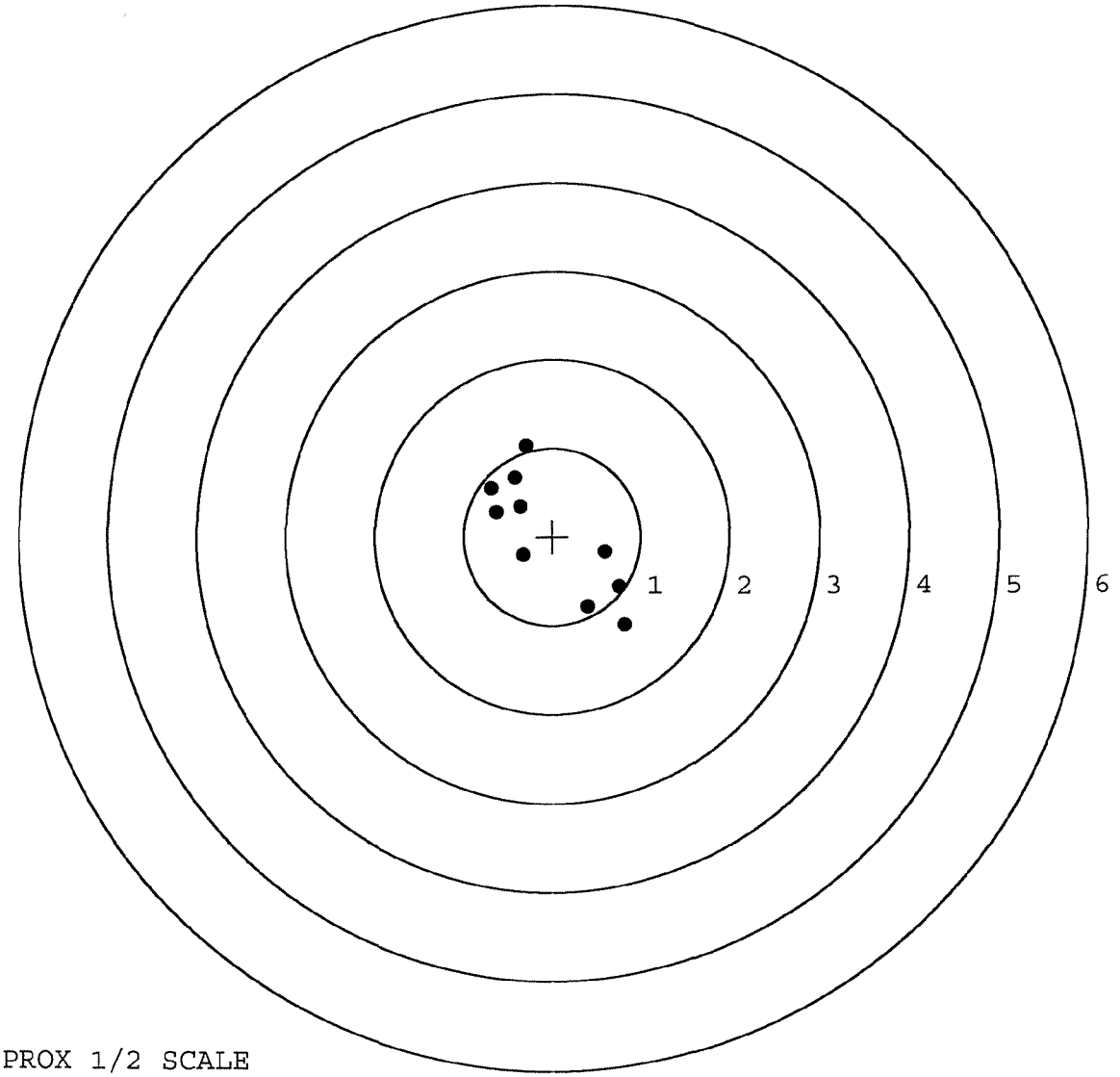
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.016
The Average Y Centroid of the Five Target Set:	-0.021
The Average Point of Impact of the Five Target Set:	0.026
The Average Mean Radius of the Five Target Set:	0.668
The Distance from POA to Centroid Target #1:	0.021
The Distance from Centroid Target #2 to Centroid Target #1:	0.128
The Distance from Centroid Target #3 to Centroid Target #1:	0.147
The Distance from Centroid Target #4 to Centroid Target #1:	0.188
The Distance from Centroid Target #5 to Centroid Target #1:	0.188

SERIAL NUMBER: G6623512.__0
TARGET NUMBER: 1
FILE DATE: 01/29/2007
FILE TIME: 12:58

X CENTROID:	-0.018
Y CENTROID:	0.011
POA TO CENTROID:	0.021
HORZ SPREAD:	1.505
VERT SPREAD:	2.025
GROUP SPREAD:	2.311
MIN RADIUS:	0.381
MAX RADIUS:	1.313
MEAN RADIUS:	0.806
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.814	-1.004
2:	0.403	-0.794
3:	0.758	-0.567
4:	0.597	-0.177
5:	-0.328	-0.210
6:	-0.300	1.021
7:	-0.428	0.668
8:	-0.369	0.344
9:	-0.691	0.547
10:	-0.638	0.285



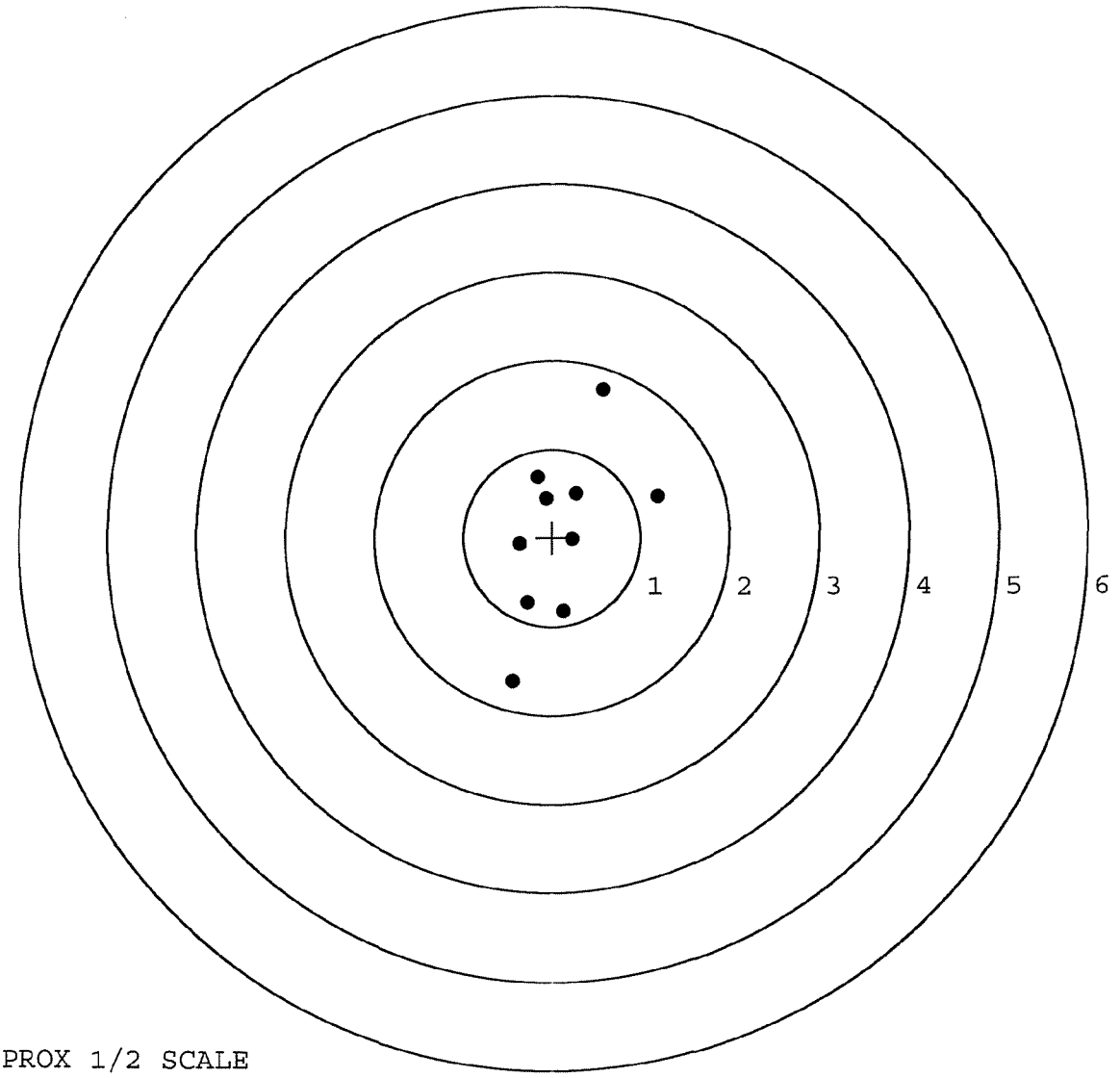
TARGET APPROX 1/2 SCALE

BARBER - M24 0140421

SERIAL NUMBER: G6623512.__0
TARGET NUMBER: 2
FILE DATE: 01/29/2007
FILE TIME: 12:58

X CENTROID:	0.105
Y CENTROID:	0.047
POA TO CENTROID:	0.115
HORZ SPREAD:	1.637
VERT SPREAD:	3.292
GROUP SPREAD:	3.447
MIN RADIUS:	0.145
MAX RADIUS:	1.755
MEAN RADIUS:	0.861
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.447	-1.619
2:	0.127	-0.840
3:	-0.282	-0.735
4:	-0.367	-0.076
5:	0.232	-0.023
6:	1.190	0.460
7:	0.273	0.494
8:	-0.079	0.445
9:	-0.170	0.686
10:	0.576	1.673



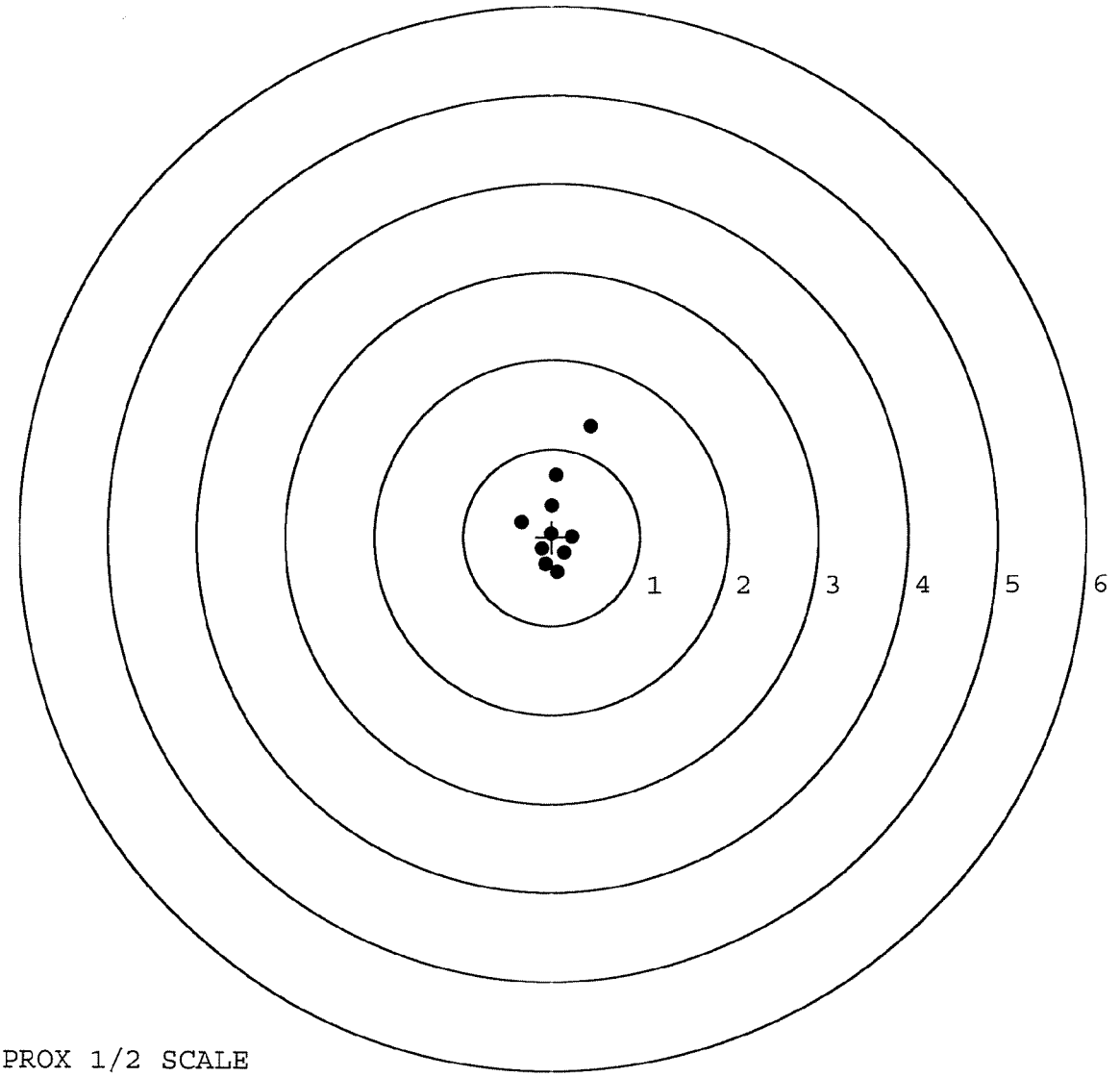
TARGET APPROX 1/2 SCALE

BARBER - M24 0140422

SERIAL NUMBER: G6623512.__0
TARGET NUMBER: 3
FILE DATE: 01/29/2007
FILE TIME: 12:58

X CENTROID:	0.037
Y CENTROID:	0.148
POA TO CENTROID:	0.152
HORZ SPREAD:	0.785
VERT SPREAD:	1.657
GROUP SPREAD:	1.700
MIN RADIUS:	0.120
MAX RADIUS:	1.175
MEAN RADIUS:	0.438
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.442	1.251
2:	0.047	0.700
3:	0.002	0.357
4:	-0.343	0.168
5:	0.228	0.003
6:	0.140	-0.186
7:	0.061	-0.406
8:	-0.080	-0.313
9:	-0.119	-0.135
10:	-0.011	0.037



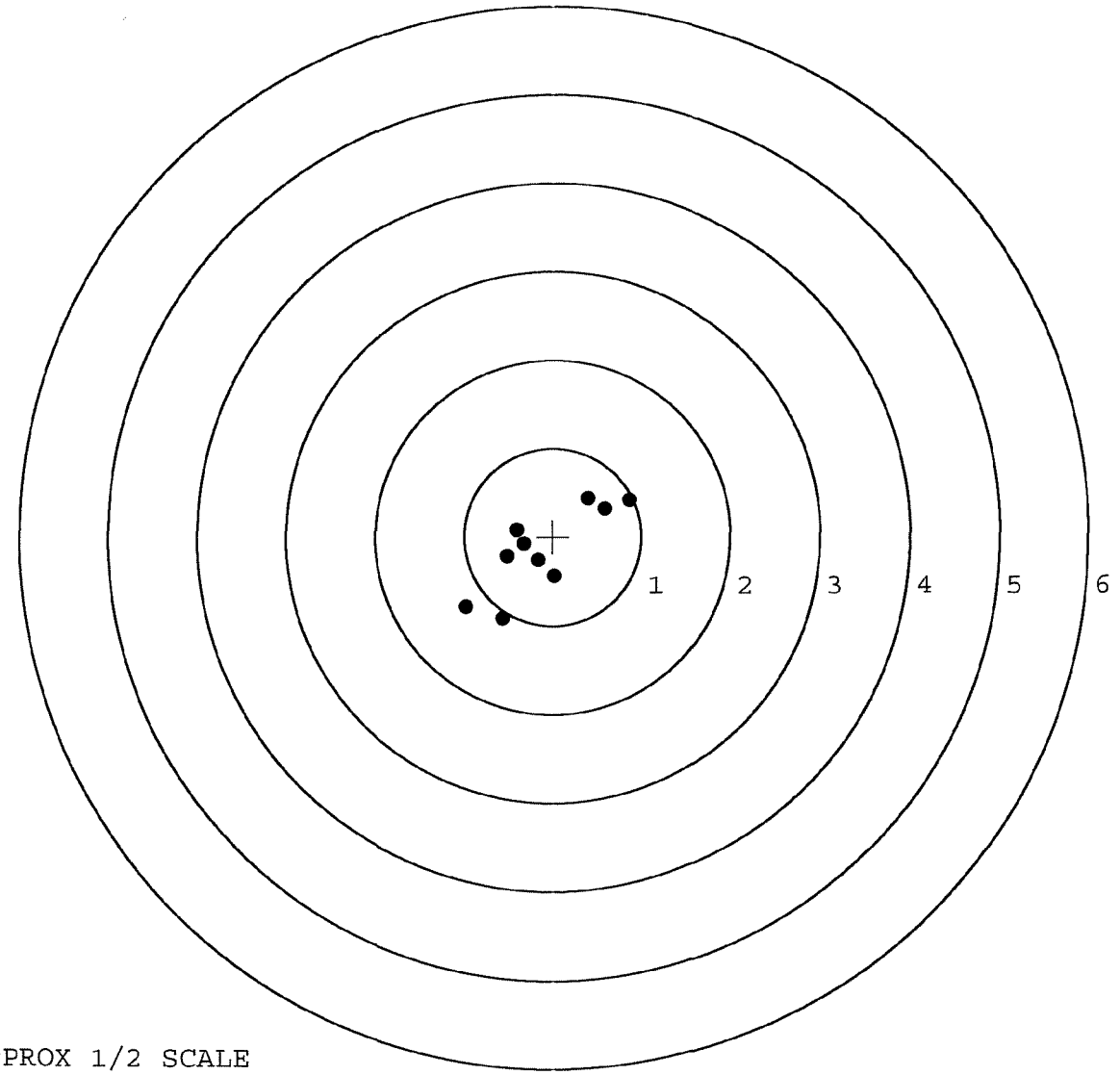
TARGET APPROX 1/2 SCALE

BARBER - M24 0140423

SERIAL NUMBER: G6623512.__0
TARGET NUMBER: 4
FILE DATE: 01/29/2007
FILE TIME: 12:58

X CENTROID:	-0.111
Y CENTROID:	-0.152
POA TO CENTROID:	0.188
HORZ SPREAD:	1.858
VERT SPREAD:	1.357
GROUP SPREAD:	2.211
MIN RADIUS:	0.129
MAX RADIUS:	1.132
MEAN RADIUS:	0.620
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.569	-0.926
2:	-0.985	-0.790
3:	0.873	0.408
4:	0.586	0.308
5:	0.399	0.431
6:	0.015	-0.452
7:	-0.168	-0.268
8:	-0.515	-0.226
9:	-0.419	0.076
10:	-0.328	-0.083



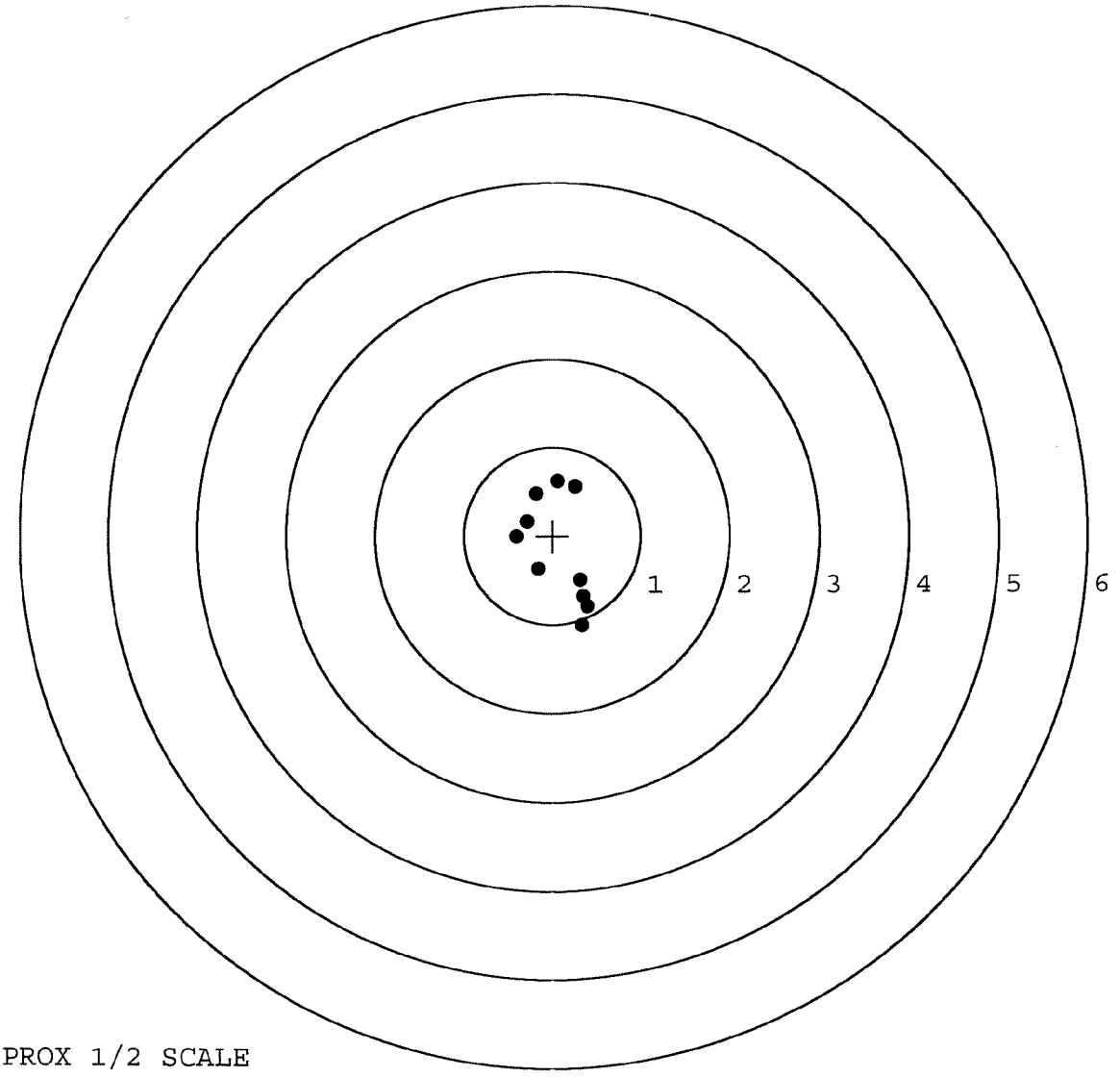
TARGET APPROX 1/2 SCALE

BARBER - M24 0140424

SERIAL NUMBER: G6623512.__0
TARGET NUMBER: 5
FILE DATE: 01/29/2007
FILE TIME: 12:58

X CENTROID:	0.065
Y CENTROID:	-0.157
POA TO CENTROID:	0.170
HORZ SPREAD:	0.809
VERT SPREAD:	1.634
GROUP SPREAD:	1.658
MIN RADIUS:	0.314
MAX RADIUS:	0.902
MEAN RADIUS:	0.615
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.255	0.557
2:	0.056	0.617
3:	-0.190	0.480
4:	-0.293	0.164
5:	-0.412	-0.007
6:	-0.162	-0.374
7:	0.314	-0.501
8:	0.348	-0.691
9:	0.397	-0.800
10:	0.338	-1.017



TARGET APPROX 1/2 SCALE