6662 3523

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

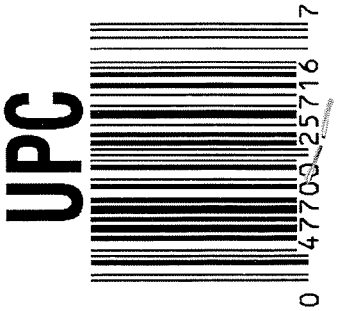
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

– INSTUCTION BOOK 3518

DD FORM

ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6623523



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYS
UPC

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYS
UPC

SERIAL NO.

BARBER - M24 0140618 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6623523

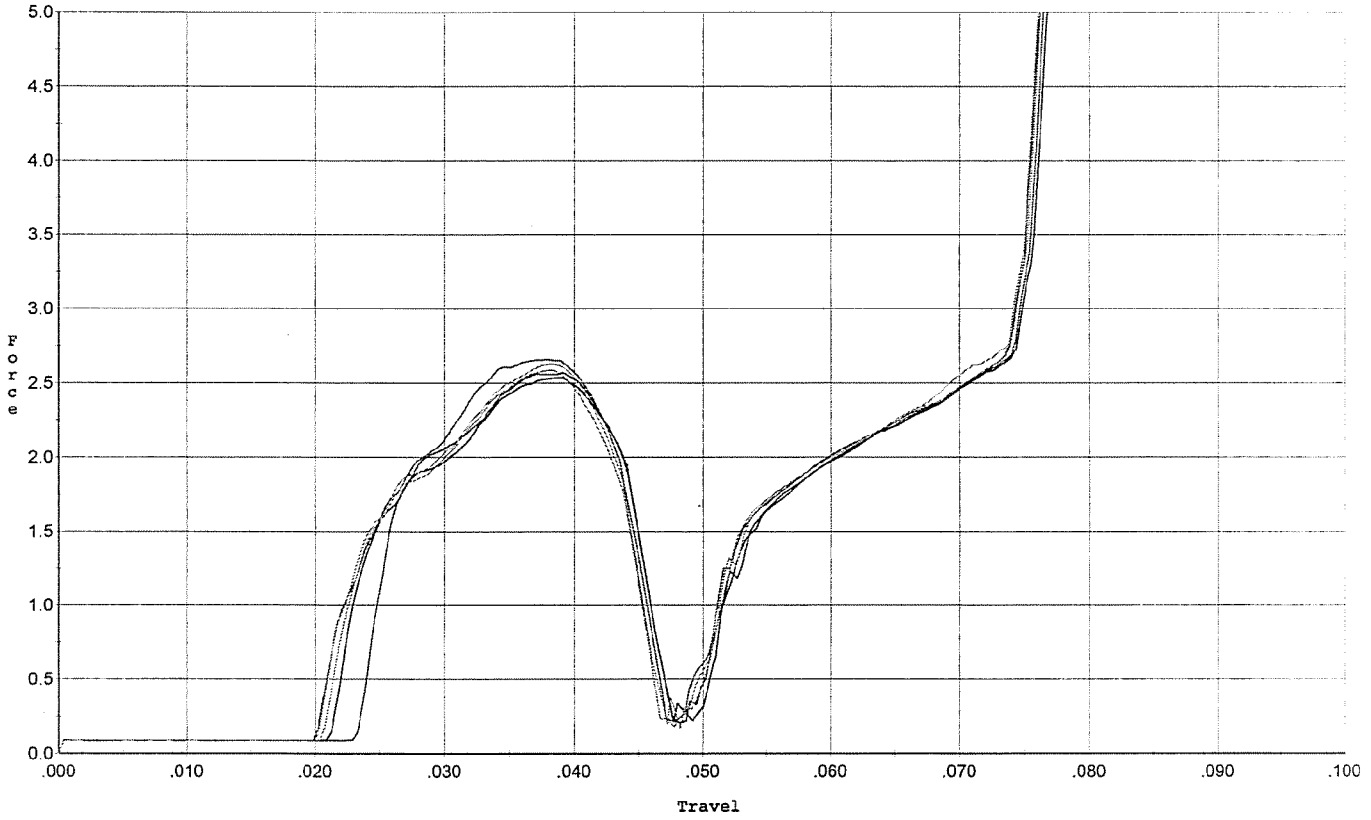
OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		11-28-06	BLG
420	ASSEMBLE ACTION		11-28-06	BLG
430	ASSEMBLE TO STOCK		11-30-06	RP
440	PROOF	MAGNA-FLUX INSPECTED	11-30-06	TRW
460	CHECK HEADSPACE	DEC 01 2006	11-30-06	TRW
470	DIS-ASSEMBLE ACTION	OPERATOR APD	11-30-06	BLG
480	MAGNAFLUX BBL ACTION		12-01-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		12-1-06	CW
510	DRILL AND TAP SIGHT HOLES		11-30-06	SD
520	GOFF BLAST BBL / REC		12/1/06	[illegible]
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		12/11/06	[illegible]
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		12-14-06	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12-14-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12-14-06	SD
	D) OIL FIRING PIN ASSEMBLY		12-15-06	[illegible]
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		12/20/06	[illegible]

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
	BARBER - M24 0140619			
560	F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX]	6.0 5.0 5.0	12/19/06	MOM
CONT.	G) SAFETY OFF FORCE [2 LBS MIN]	3.5 3.5 3.5	12/19/06	MOM
	H) TRIGGER PULL TEST AND RETAINABILITY		12/20/06	MOM
	I) FIRING PIN INDENT [.020 MIN]	.025 .026 .026	12/19/06	MOM
	J) ASSEMBLE STOCK		12-15-06	L.P.D.
	K) ASSEMBLE SWIVEL STUDS		12/20/06	MOM
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12/21/06	MOM
	M) IRON SIGHT ALIGNMENT		12/21/06	MOM
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12/21/06	MOM
640 &	FUNCTION TEST AND	(PASS) FAIL		
650	TARGET	(PASS) FAIL	12-16-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		12/16/06	DK
670	FINAL INSPECTION A) HEADSPACE		12/20/06	MOM
	B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS]	2.59 2.46 2.53 2.63 2.67	12/19/06	MOM
	C) FUNCTION		12/20/06	MOM
690	PACK		2907	DA

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs. ini.
Note:	M. Mckinney 12/13/06		

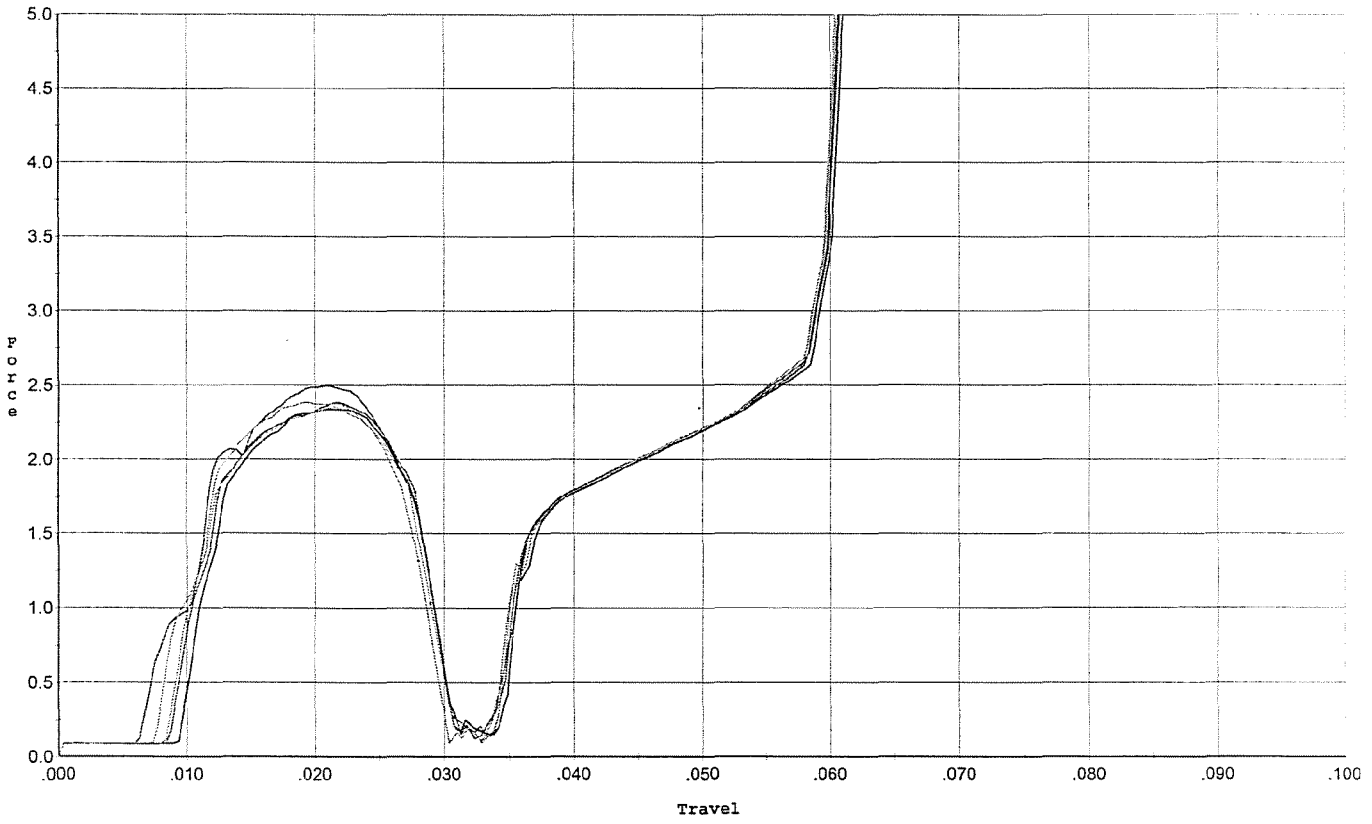


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.570	0.044	0.024	0.036	0.045		Set Trigger
2	2.536	0.044	0.021	0.036	0.048		Set Trigger
3	2.658	0.045	0.020	0.035	0.051		Set Trigger
4	2.628	0.044	0.021	0.036	0.049		Set Trigger
5	2.588	0.044	0.021	0.036	0.047		Set Trigger

260 Avg.

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs. after 50 cycles
Note:	M. Mckinney 12/13/06		



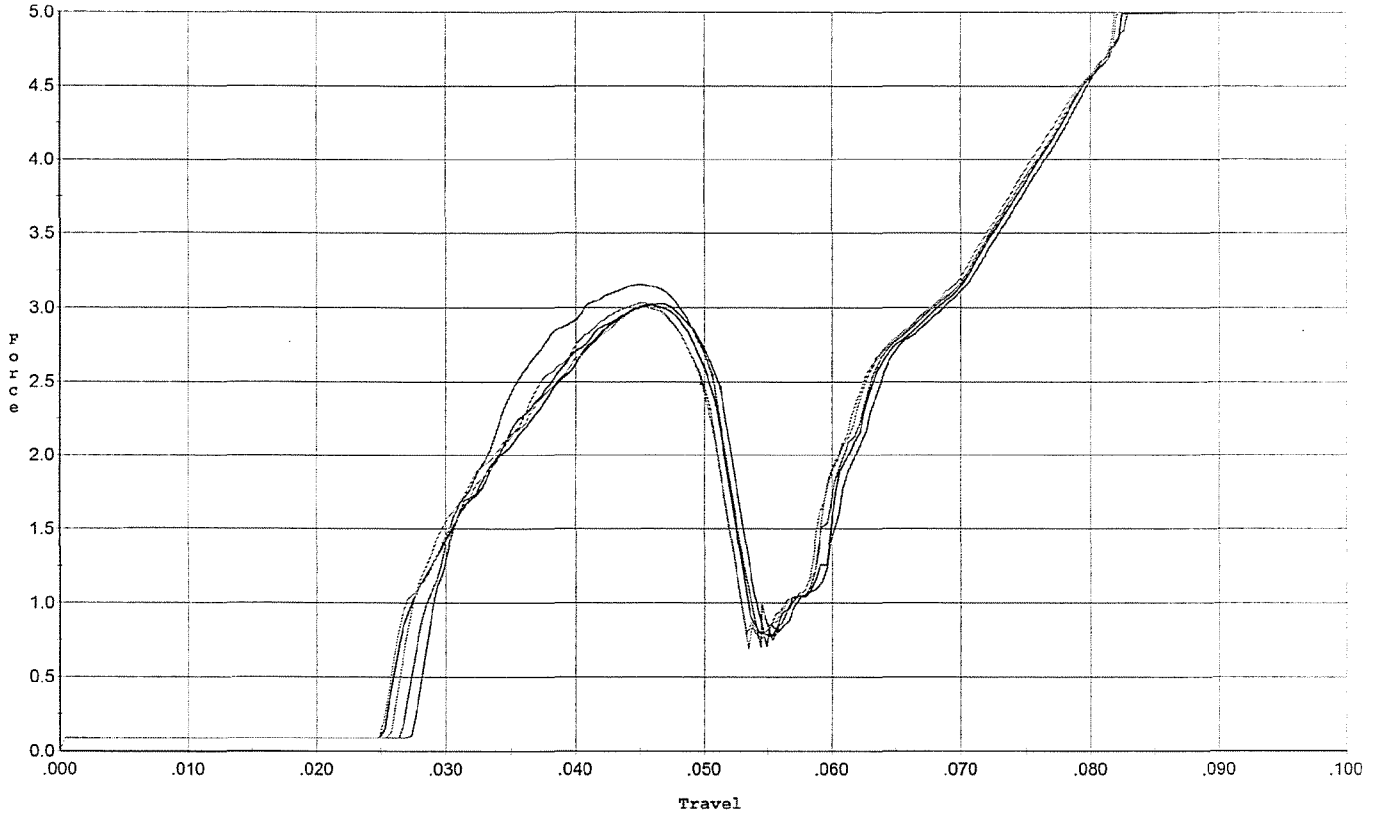
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.495	0.028	0.007	0.038	0.041		Set Trigger
2	2.339	0.028	0.010	0.038	0.036		Set Trigger
3	2.385	0.028	0.009	0.038	0.037		Set Trigger
4	2.355	0.029	0.009	0.038	0.038		Set Trigger
5	2.385	0.028	0.008	0.038	0.039		Set Trigger

2.39 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/13/2006 7:09:54 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs ini.
Note:	M. Mckinney 12/13/06		



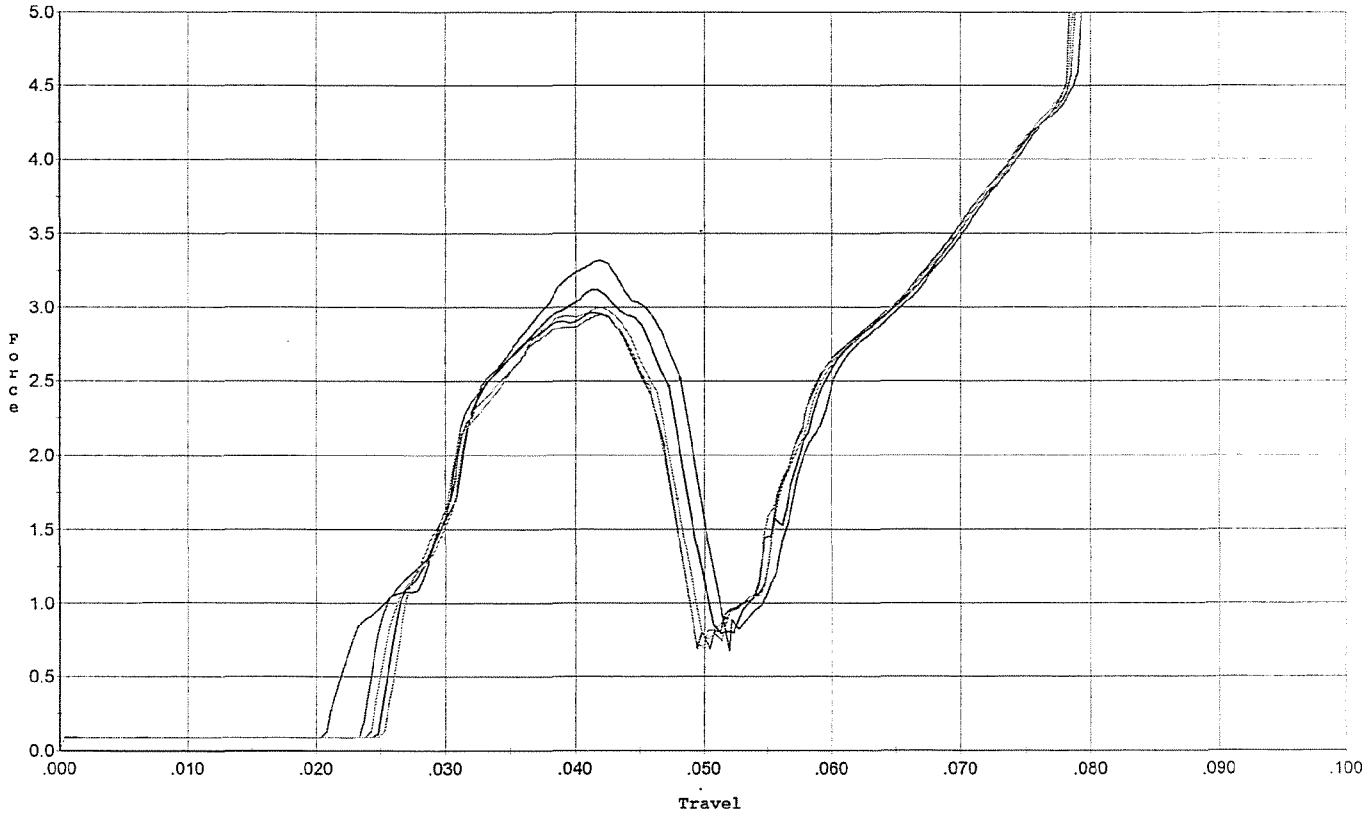
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.025	0.051	0.028	0.035	0.059		Set Trigger
2	3.023	0.051	0.025	0.035	0.059		Set Trigger
3	3.153	0.051	0.027	0.034	0.061		Set Trigger
4	3.004	0.051	0.026	0.035	0.058		Set Trigger
5	3.032	0.050	0.025	0.035	0.059		Set Trigger

3.05 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/13/2006 7:10:45 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
Note:	M. Mckinney 12/13/06		



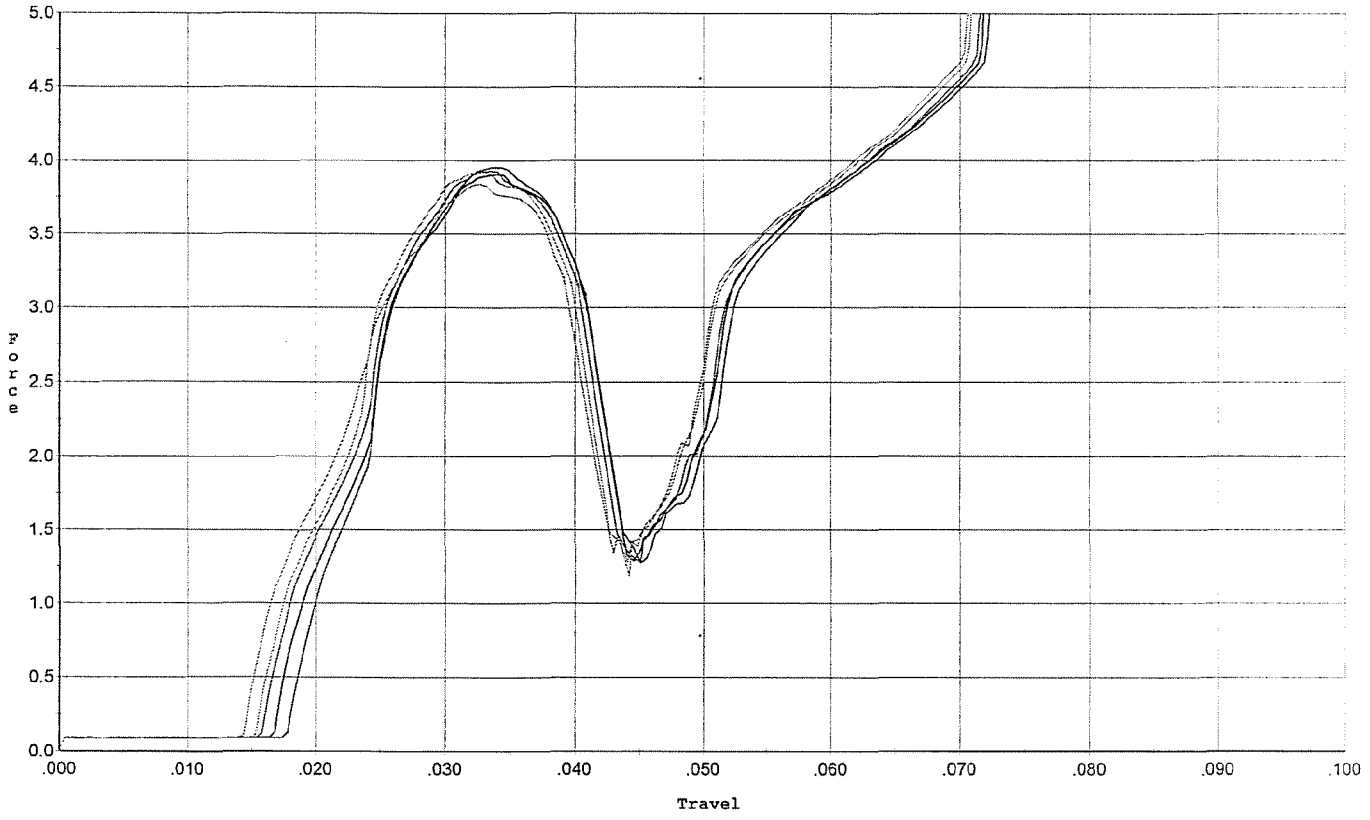
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.317	0.048	0.021	0.033	0.063		Set Trigger
2	3.120	0.047	0.025	0.034	0.055		Set Trigger
3	2.965	0.047	0.024	0.035	0.054		Set Trigger
4	3.000	0.048	0.025	0.034	0.054		Set Trigger
5	2.947	0.047	0.026	0.035	0.052		Set Trigger

3.07 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/13/2006 7:11:28 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs. ini.
Note:	M. Mckinney 12/13/06		



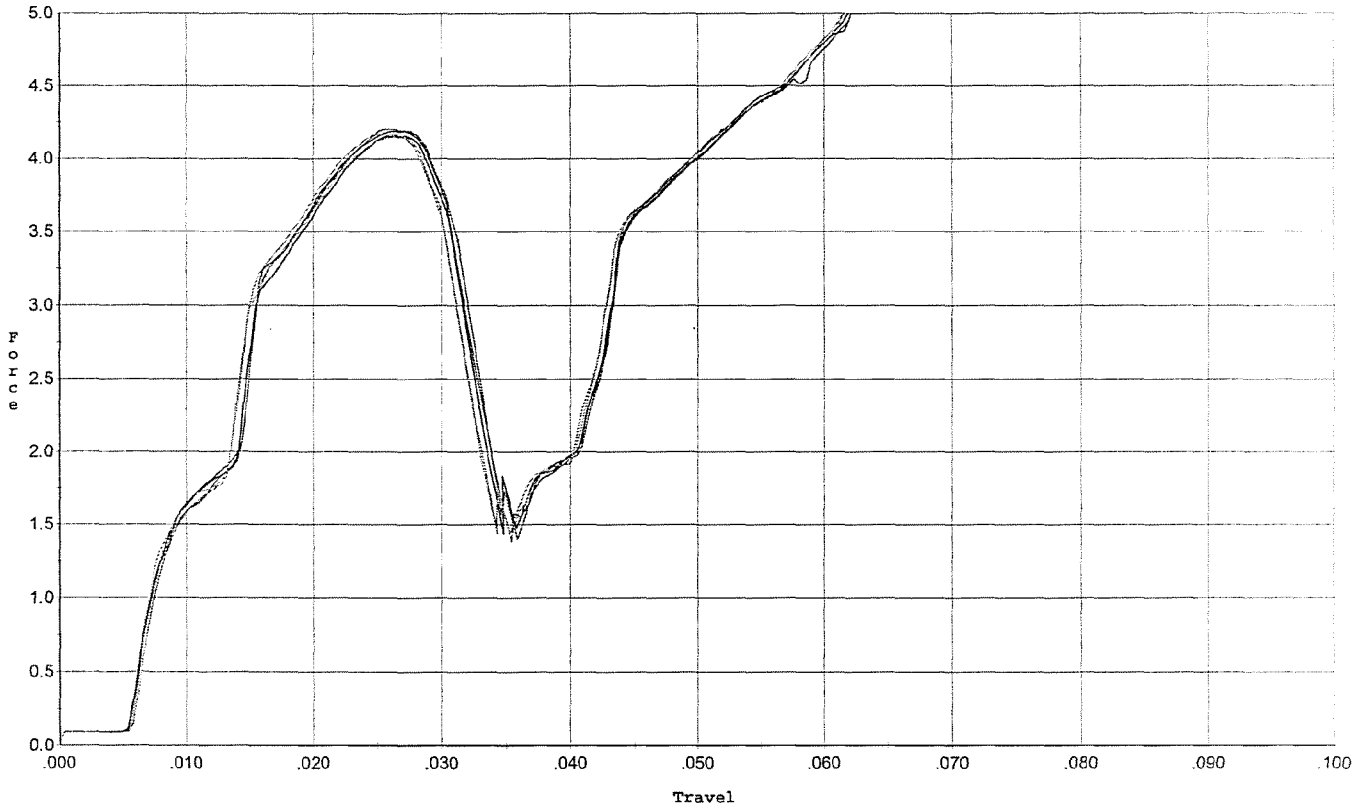
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.954	0.041	0.018	0.031	0.068		Set Trigger
2	3.909	0.041	0.017	0.030	0.070		Set Trigger
3	3.928	0.040	0.016	0.031	0.070		Set Trigger
4	3.921	0.040	0.016	0.030	0.070		Set Trigger
5	3.839	0.039	0.015	0.031	0.069		Set Trigger

3.91 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/13/2006 7:13:09 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
Note:	M. Mckinney 12/13/06		



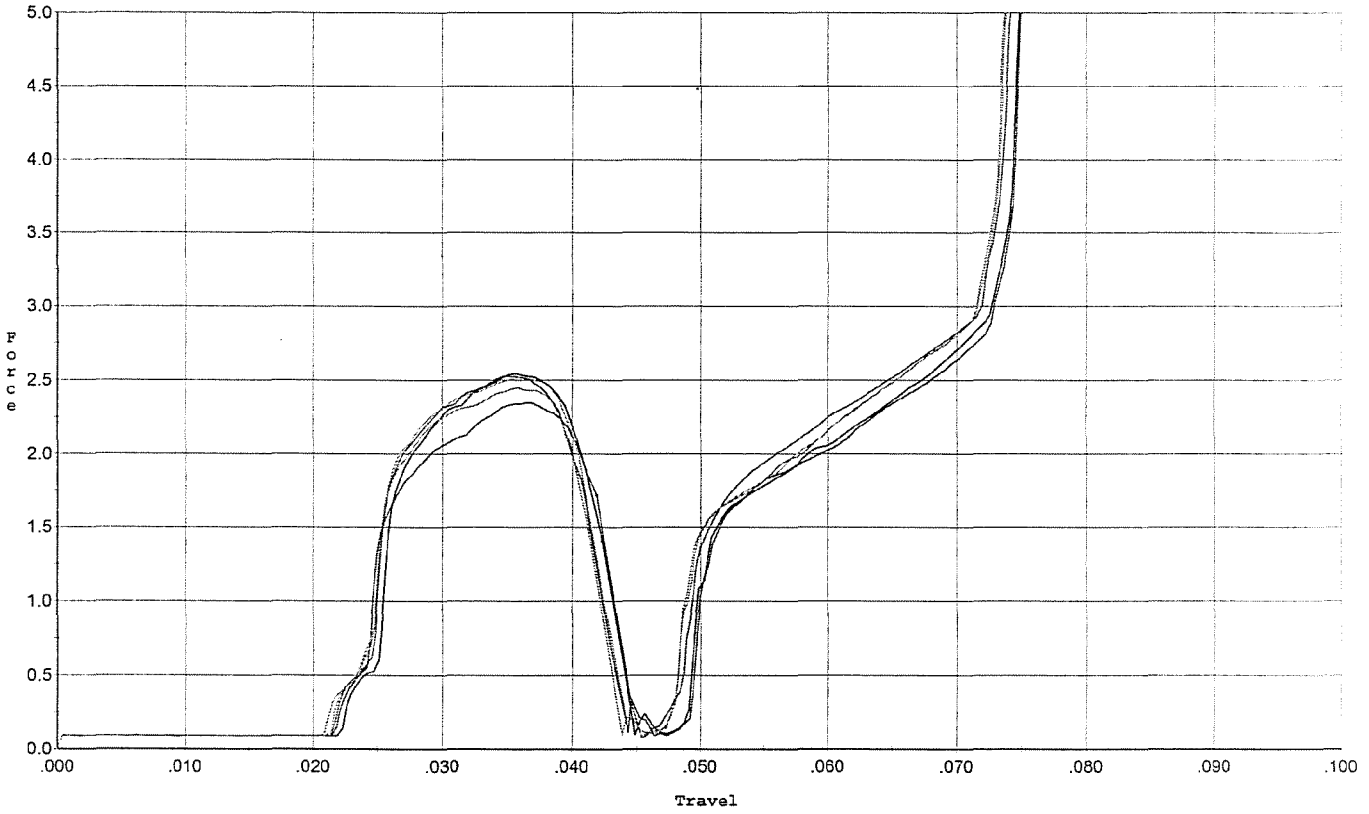
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.189	0.030	0.006	0.030	0.071		Set Trigger
2	4.159	0.031	0.006	0.031	0.071		Set Trigger
3	4.203	0.031	0.006	0.030	0.073		Set Trigger
4	4.158	0.030	0.006	0.033	0.070		Set Trigger
5	4.168	0.030	0.006	0.033	0.070		Set Trigger

4.18 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/13/2006 7:14:33 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	Final Test & Reset To 2.5 lbs.
Note:	M. Mckinney 12/13/06		



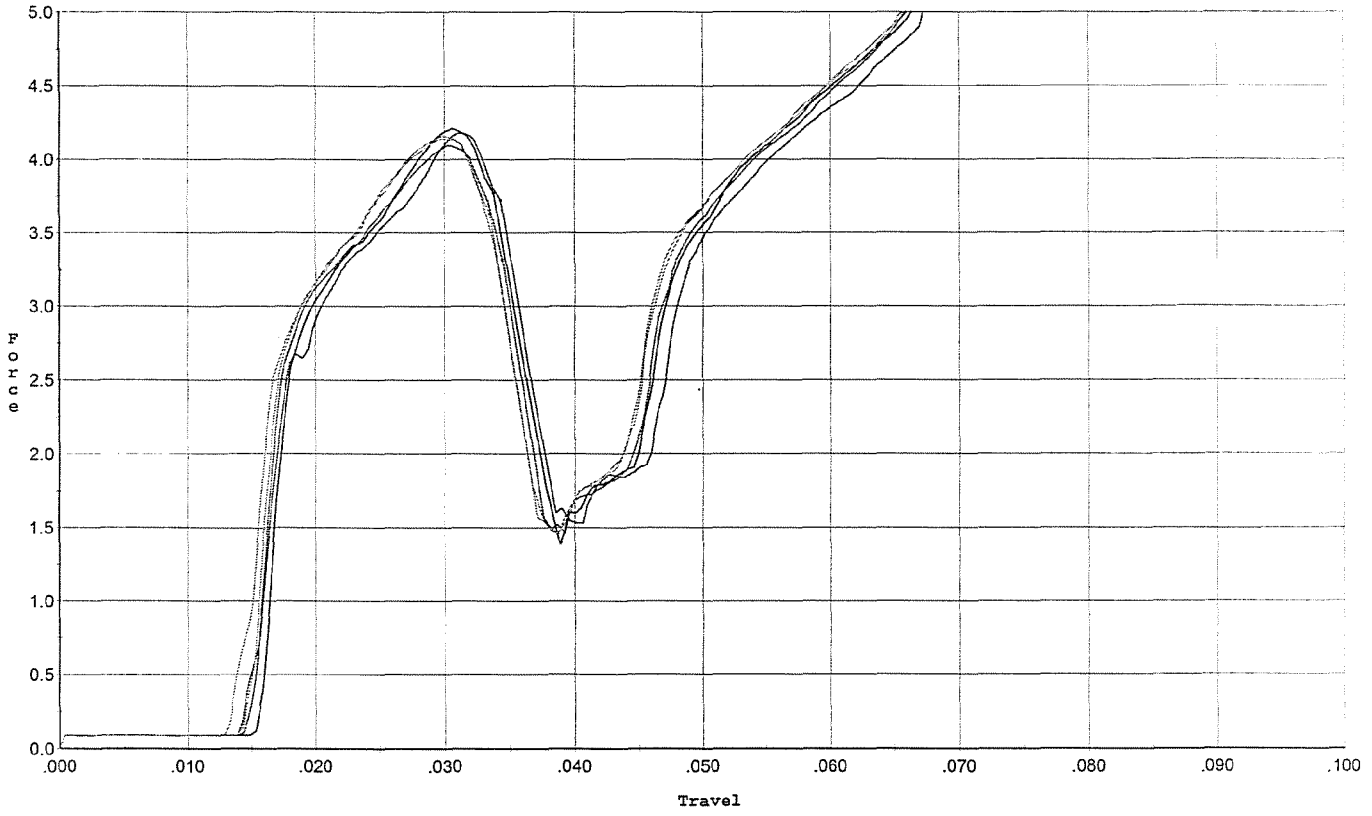
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.348	0.042	0.022	0.037	0.039		Set Trigger
2	2.541	0.042	0.023	0.036	0.041		Set Trigger
3	2.526	0.041	0.022	0.037	0.039		Set Trigger
4	2.524	0.040	0.022	0.036	0.040		Set Trigger
5	2.450	0.041	0.021	0.036	0.039		Set Trigger

2.48 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/13/2006 7:15:11 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	Reset To 4.0 For Target & Accuracy
Note:	M. Mckinney 12/13/06		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.180	0.034	0.015	0.031	0.065		Set Trigger
2	4.208	0.034	0.016	0.030	0.063		Set Trigger
3	4.097	0.034	0.014	0.030	0.066		Set Trigger
4	4.156	0.034	0.015	0.030	0.065		Set Trigger
5	4.139	0.033	0.013	0.030	0.066		Set Trigger

4.16 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 12/13/2006 7:15:54 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6623523.__0
FILE DATE AND TIME: 12/18/2006 05:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

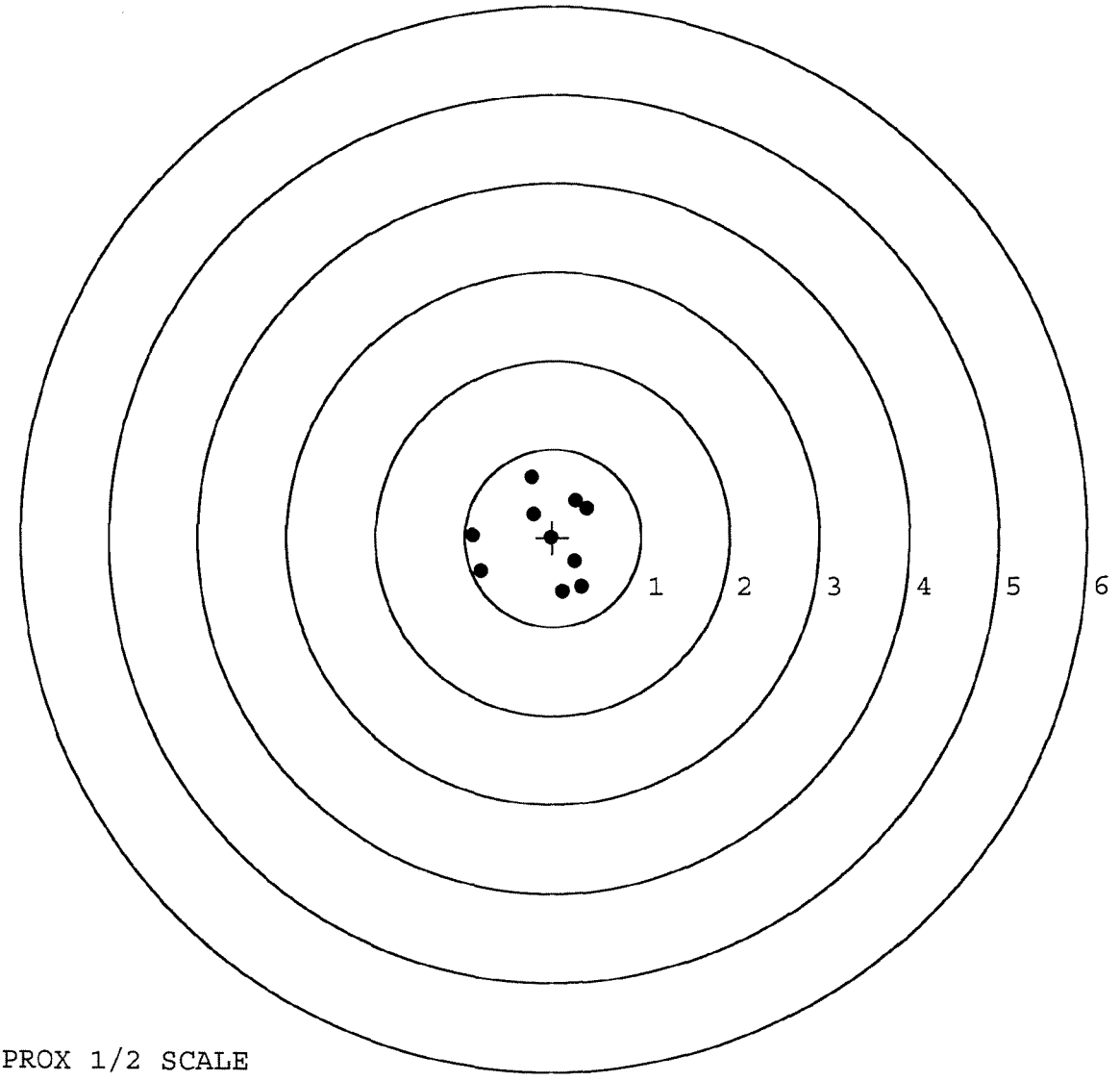
The Average X Centroid of the Five Target Set:	0.022
The Average Y Centroid of the Five Target Set:	0.041
The Average Point of Impact of the Five Target Set:	0.047
The Average Mean Radius of the Five Target Set:	0.751
The Distance from POA to Centroid Target #1:	0.089
The Distance from Centroid Target #2 to Centroid Target #1:	0.250
The Distance from Centroid Target #3 to Centroid Target #1:	0.283
The Distance from Centroid Target #4 to Centroid Target #1:	0.193
The Distance from Centroid Target #5 to Centroid Target #1:	0.236

BARBER - M24 0140629

SERIAL NUMBER: G6623523.__0
TARGET NUMBER: 1
FILE DATE: 12/18/2006
FILE TIME: 05:49

X CENTROID:	-0.089
Y CENTROID:	-0.008
POA TO CENTROID:	0.089
HORZ SPREAD:	1.288
VERT SPREAD:	1.299
GROUP SPREAD:	1.360
MIN RADIUS:	0.068
MAX RADIUS:	0.819
MEAN RADIUS:	0.559
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.321	-0.553
2:	0.113	-0.613
3:	0.253	-0.268
4:	-0.819	-0.376
5:	-0.907	0.031
6:	-0.022	0.004
7:	-0.222	0.265
8:	0.381	0.328
9:	0.256	0.415
10:	-0.242	0.686



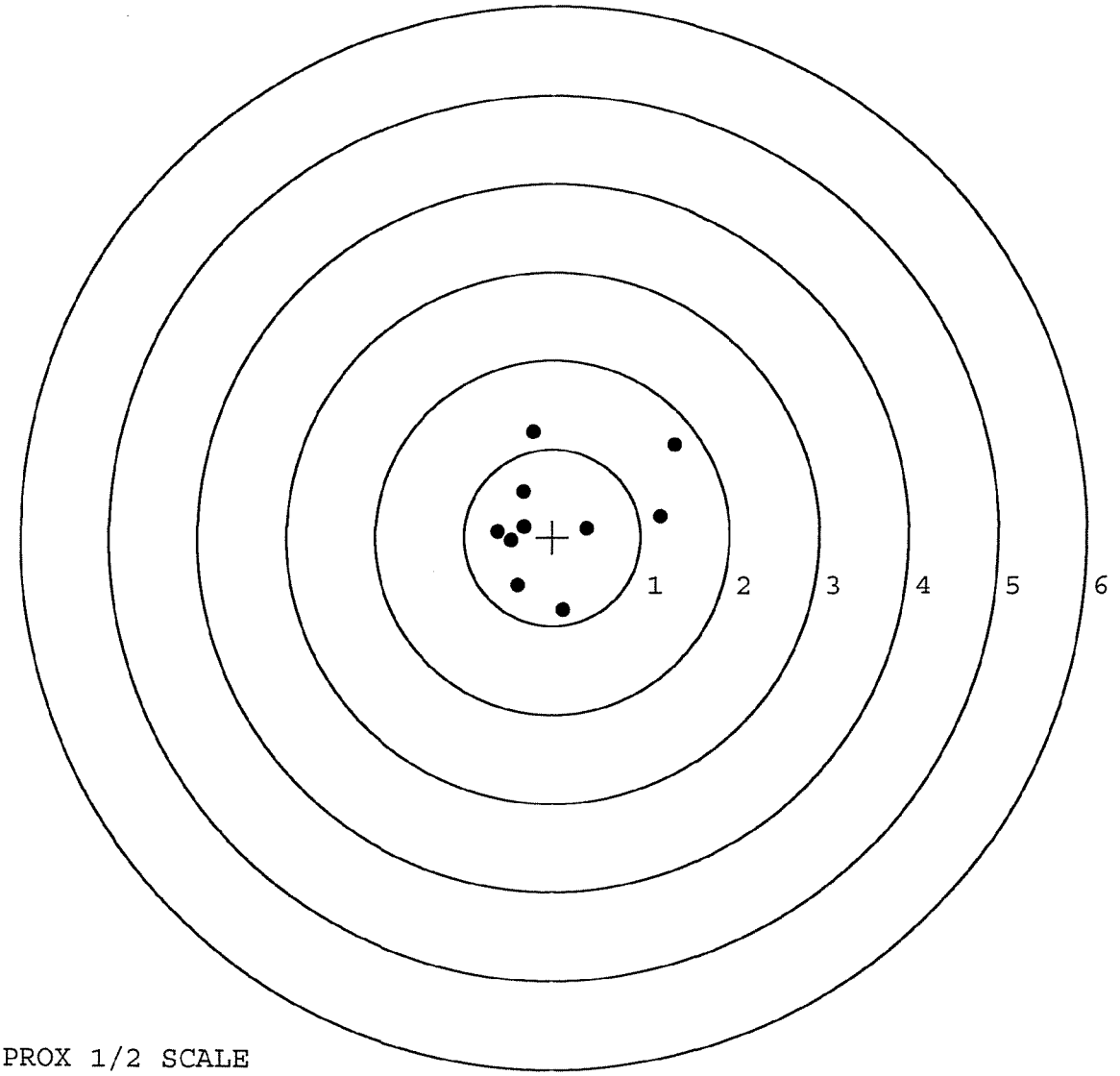
TARGET APPROX 1/2 SCALE

BARBER - M24 0140630

SERIAL NUMBER: G6623523.__0
TARGET NUMBER: 2
FILE DATE: 12/18/2006
FILE TIME: 05:49

X CENTROID:	0.072
Y CENTROID:	0.184
POA TO CENTROID:	0.197
HORZ SPREAD:	1.999
VERT SPREAD:	2.022
GROUP SPREAD:	2.384
MIN RADIUS:	0.332
MAX RADIUS:	1.564
MEAN RADIUS:	0.821
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.219	0.232
2:	1.377	1.045
3:	0.393	0.098
4:	0.123	-0.832
5:	-0.396	-0.549
6:	-0.233	1.190
7:	-0.339	0.516
8:	-0.329	0.119
9:	-0.473	-0.043
10:	-0.622	0.060



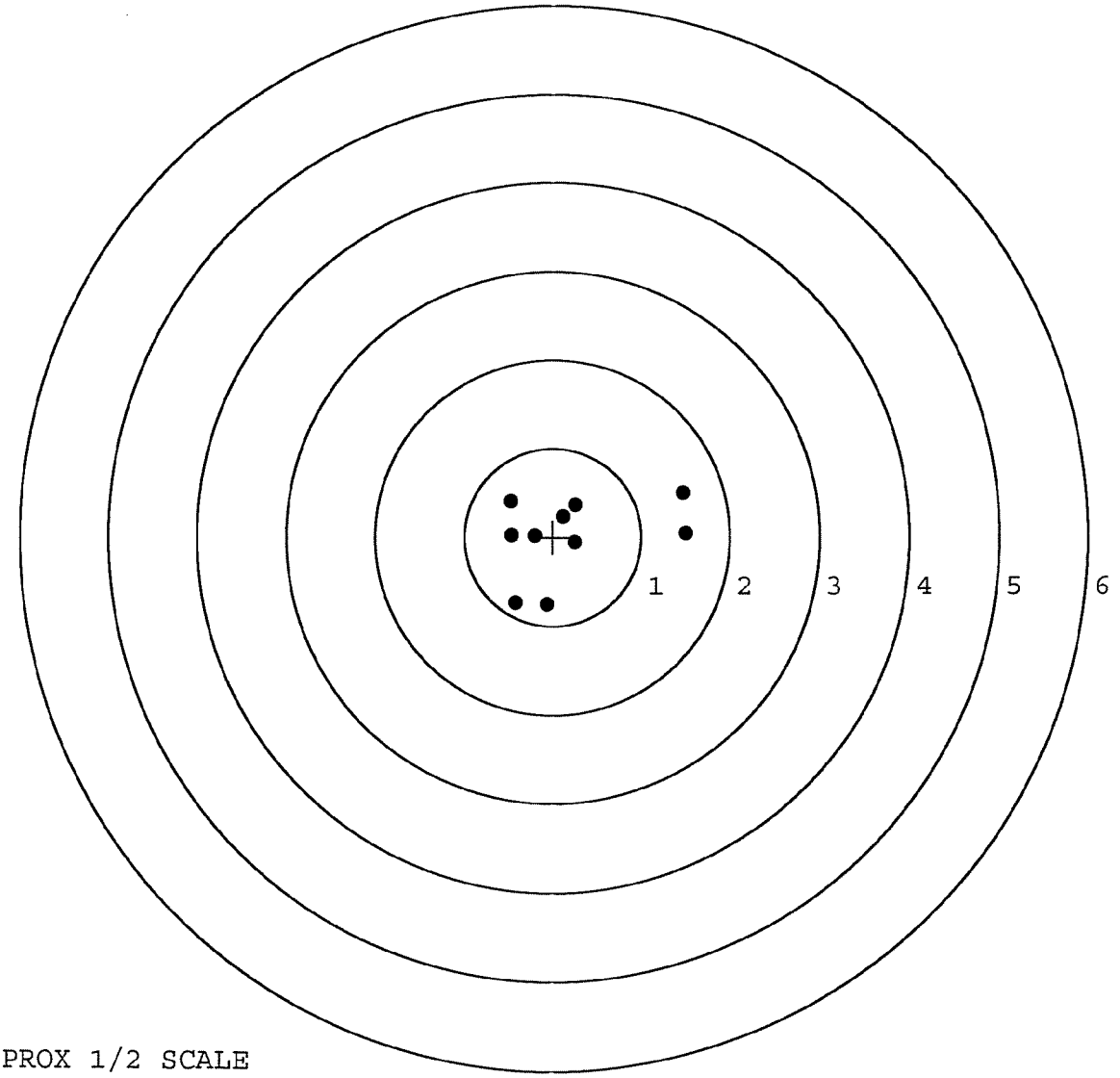
TARGET APPROX 1/2 SCALE

BARBER - M24 0140631

SERIAL NUMBER: G6623523.__0
TARGET NUMBER: 3
FILE DATE: 12/18/2006
FILE TIME: 05:49

X CENTROID:	0.194
Y CENTROID:	0.001
POA TO CENTROID:	0.194
HORZ SPREAD:	1.978
VERT SPREAD:	1.256
GROUP SPREAD:	2.262
MIN RADIUS:	0.085
MAX RADIUS:	1.368
MEAN RADIUS:	0.700
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.504	0.045
2:	1.470	0.496
3:	-0.069	-0.760
4:	-0.425	-0.740
5:	0.248	-0.064
6:	0.255	0.366
7:	0.114	0.228
8:	-0.213	0.016
9:	-0.468	0.021
10:	-0.474	0.406



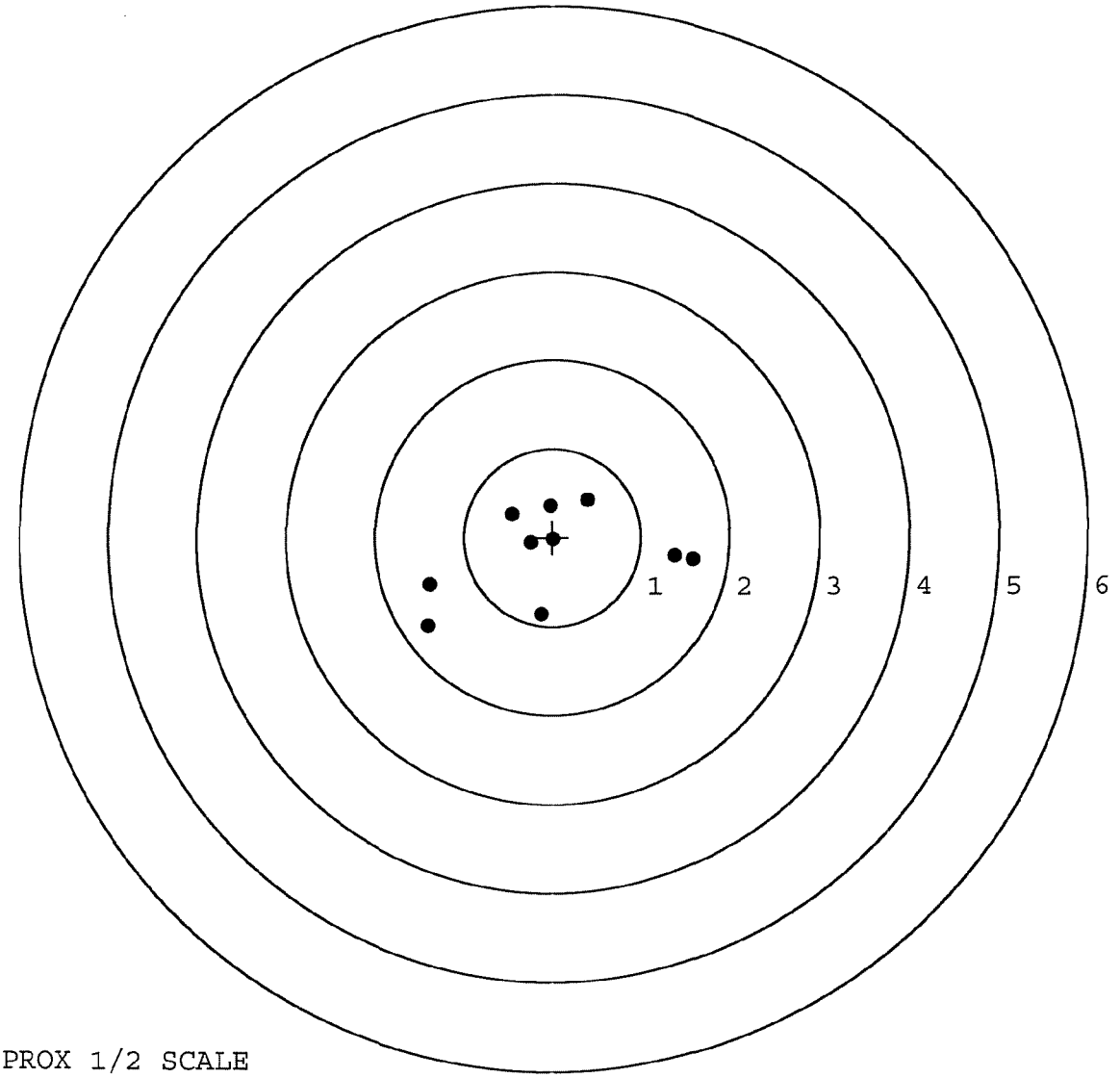
TARGET APPROX 1/2 SCALE

BARBER - M24 0140632

SERIAL NUMBER: G6623523.__0
TARGET NUMBER: 4
FILE DATE: 12/18/2006
FILE TIME: 05:49

X CENTROID:	-0.029
Y CENTROID:	-0.192
POA TO CENTROID:	0.194
HORZ SPREAD:	2.990
VERT SPREAD:	1.423
GROUP SPREAD:	3.081
MIN RADIUS:	0.175
MAX RADIUS:	1.619
MEAN RADIUS:	0.906
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.589	-0.258
2:	1.381	-0.220
3:	-0.133	-0.868
4:	-1.401	-1.000
5:	-1.384	-0.528
6:	0.013	-0.022
7:	-0.253	-0.062
8:	-0.465	0.263
9:	-0.031	0.356
10:	0.395	0.423



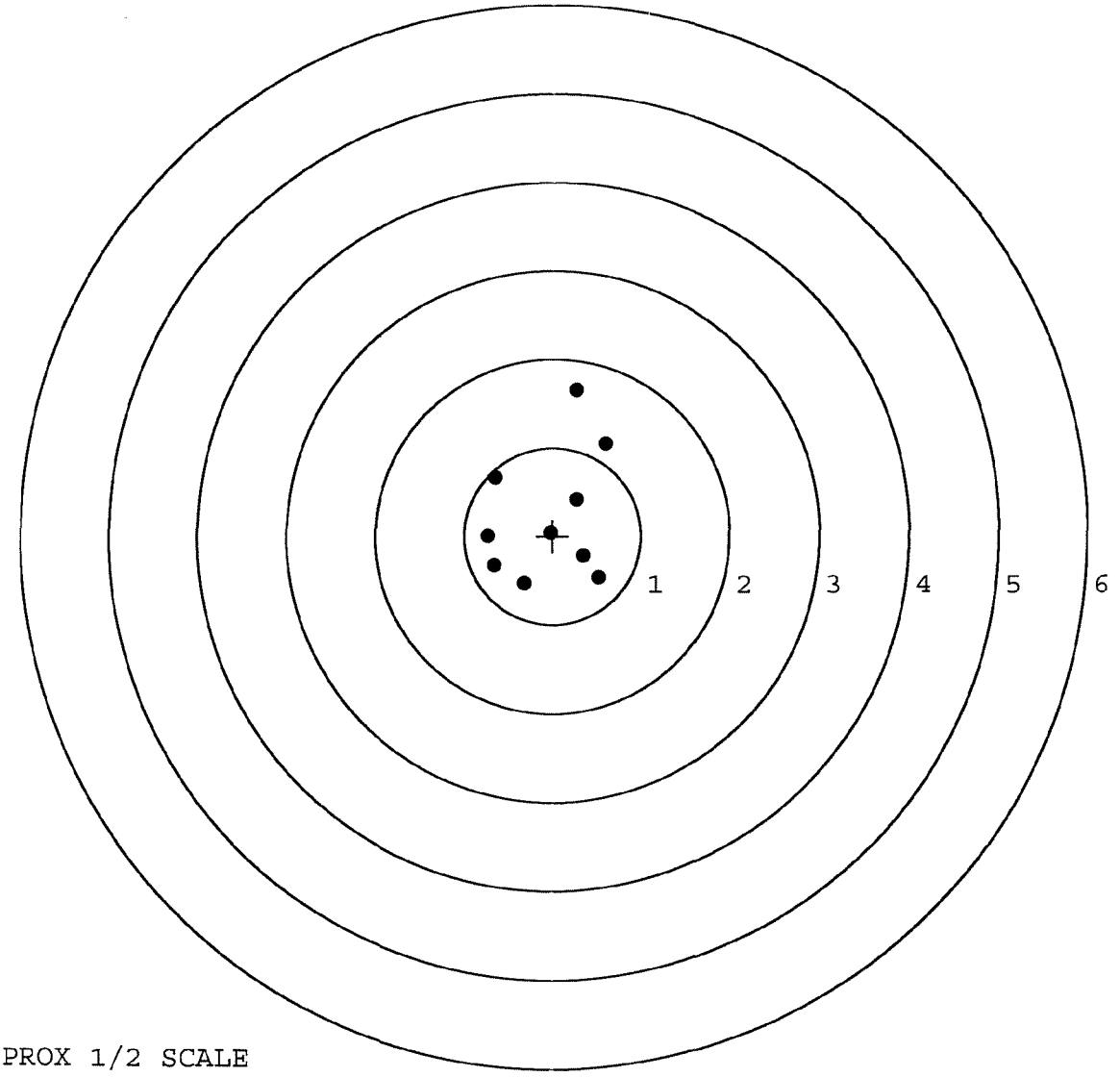
TARGET APPROX 1/2 SCALE

BARBER - M24 0140633

SERIAL NUMBER: G6623523.__0
TARGET NUMBER: 5
FILE DATE: 12/18/2006
FILE TIME: 05:49

X CENTROID:	-0.038
Y CENTROID:	0.222
POA TO CENTROID:	0.225
HORZ SPREAD:	1.330
VERT SPREAD:	2.195
GROUP SPREAD:	2.272
MIN RADIUS:	0.187
MAX RADIUS:	1.461
MEAN RADIUS:	0.768
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.522	-0.476
2:	0.349	-0.227
3:	-0.025	0.035
4:	0.273	0.419
5:	0.594	1.041
6:	0.267	1.651
7:	-0.647	0.662
8:	-0.736	-0.001
9:	-0.660	-0.340
10:	-0.321	-0.544



TARGET APPROX 1/2 SCALE