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

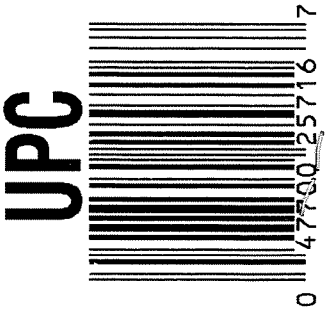
– INSTUCTION BOOK 3518

DD FORM

ORDER NO. **25716**

BARREL LENGTH	24"
CAPACITY	6

G6591619



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.

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6591619

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-17-06	RTL
420	ASSEMBLE ACTION		10-17-06	RTL
430	ASSEMBLE TO STOCK		10-17-06	L.P.D.
440	PROOF		10-17-06	L.P.D.
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED OCT 19 2006 OPERATOR APD	10-17-06	L.P.D.
470	DIS-ASSEMBLE ACTION		10-18-06	BLG
480	MAGNAFLUX BBL ACTION		10-19-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-2006	CW
510	DRILL AND TAP SIGHT HOLES		10-18-06	TRW
520	GOFF BLAST BBL / REC		10-23-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/27/06	FES
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		11/17/06	mom
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11/17/06	mom
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11/17/06	mom
	D) OIL FIRING PIN ASSEMBLY		12-1-06	BLG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		12/21/06	mom

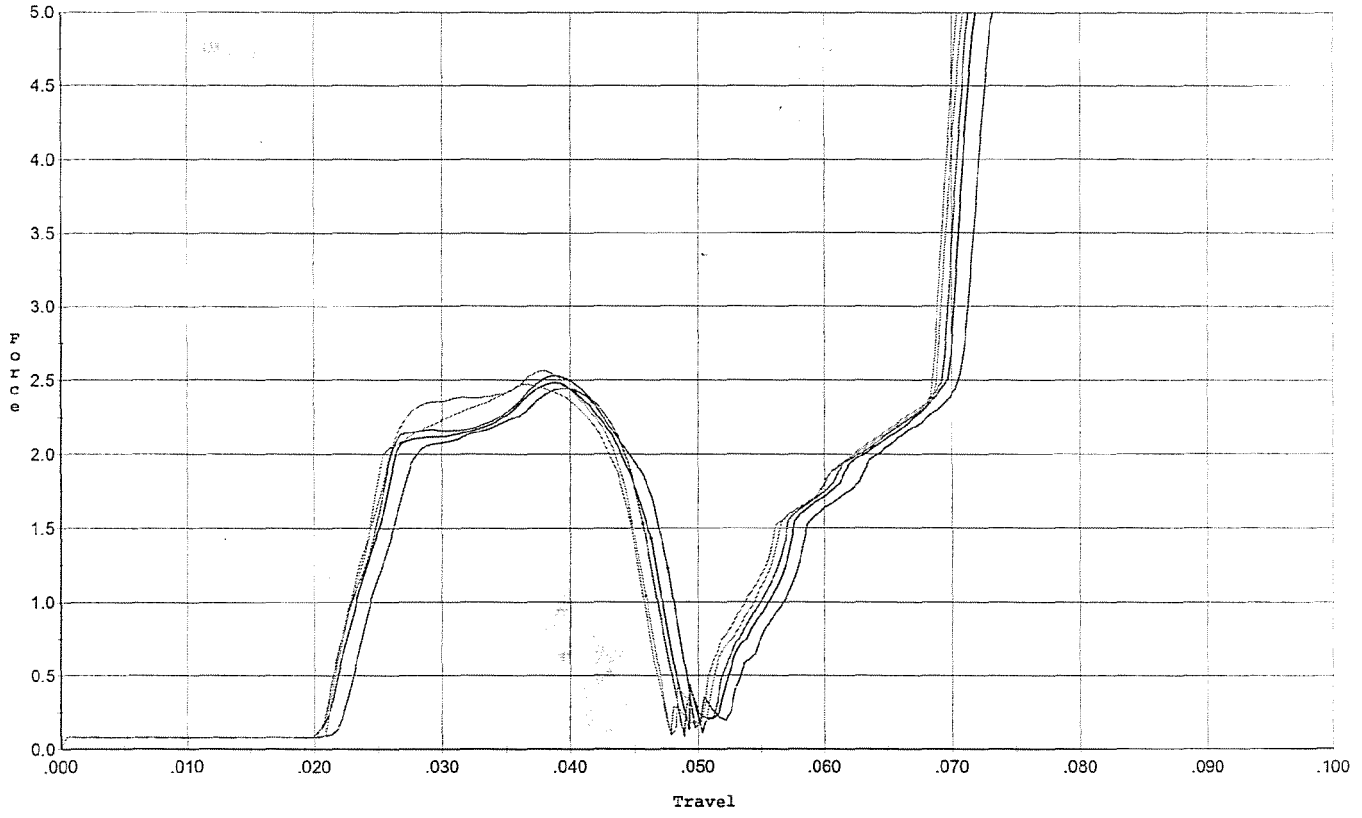
F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX]	5# 5# 5#	12-13-06	SD
CONT.	G) SAFETY OFF FORCE [2 LBS MIN]	9# 9# 9#	12-13-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY		12/21/06	MOM
	I) FIRING PIN INDENT [.020 MIN]	.025 .025 .025	12-13-06	SD
	J) ASSEMBLE STOCK		12-1-06	BLG
	K) ASSEMBLE SWIVEL STUDS		12/21/06	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 & 650	FUNCTION TEST AND TARGET	PASS FAIL / PASS FAIL	12-4-06	TRW
	MALFUNCTION Off over live rds	CORRECTION OK	12-8-06	TRW
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		12-4-06	RP
670	FINAL INSPECTION A) HEADSPACE		12/21/06	MOM
	B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS]	2.48 2.81 2.60 2.78 2.81	12-13-06	BLG
	C) FUNCTION		12/21/06	MOM
690	PACK		2-9-07	DM

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.
Note:	M. Mckinney 11/14/06		



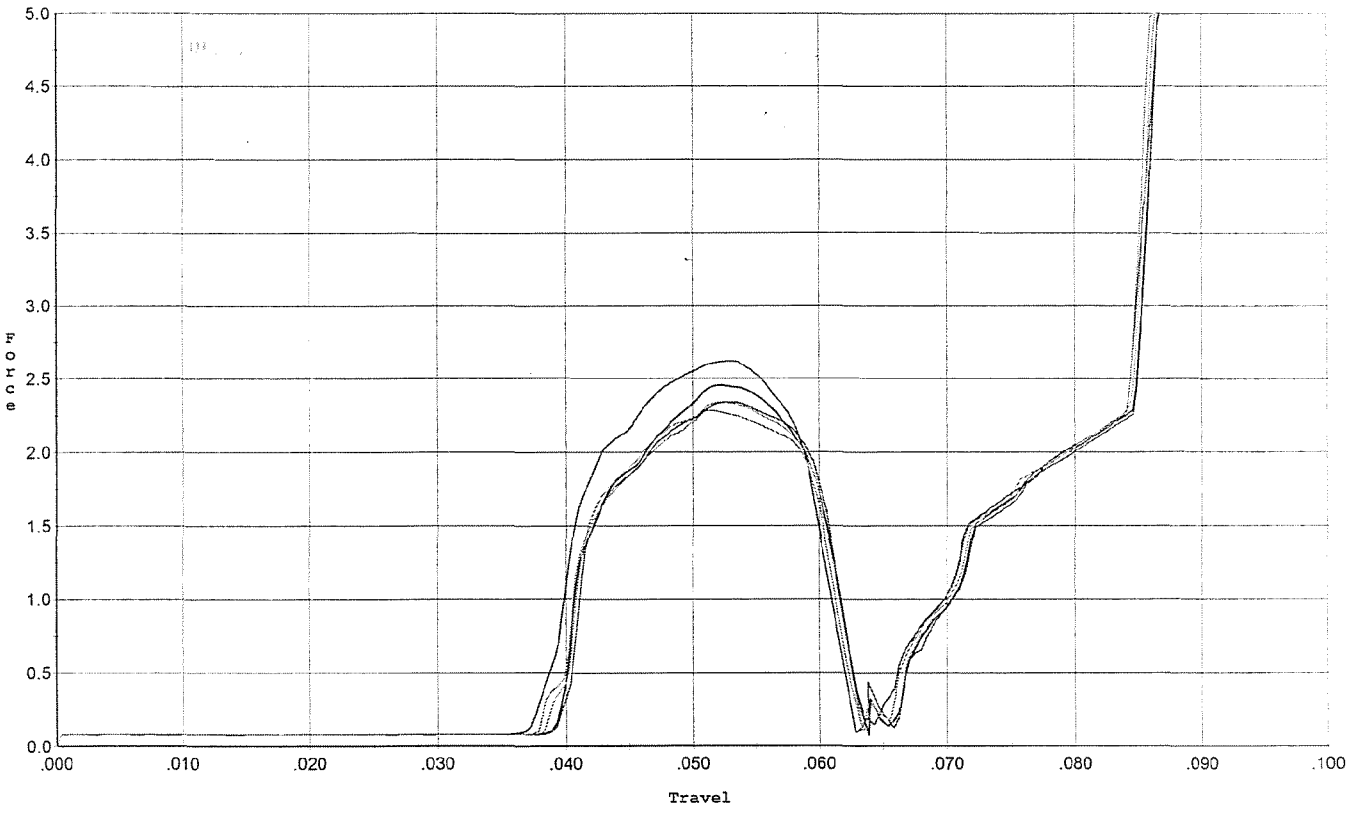
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.445	0.048	0.022	0.031	0.050		Set Trigger
2	2.485	0.046	0.021	0.030	0.051		Set Trigger
3	2.528	0.046	0.021	0.030	0.051		Set Trigger
4	2.565	0.046	0.021	0.030	0.051		Set Trigger
5	2.475	0.045	0.021	0.030	0.050		Set Trigger

2.50 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/14/2006 11:31:47 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
Note:	M. Mckinney 11/14/06		

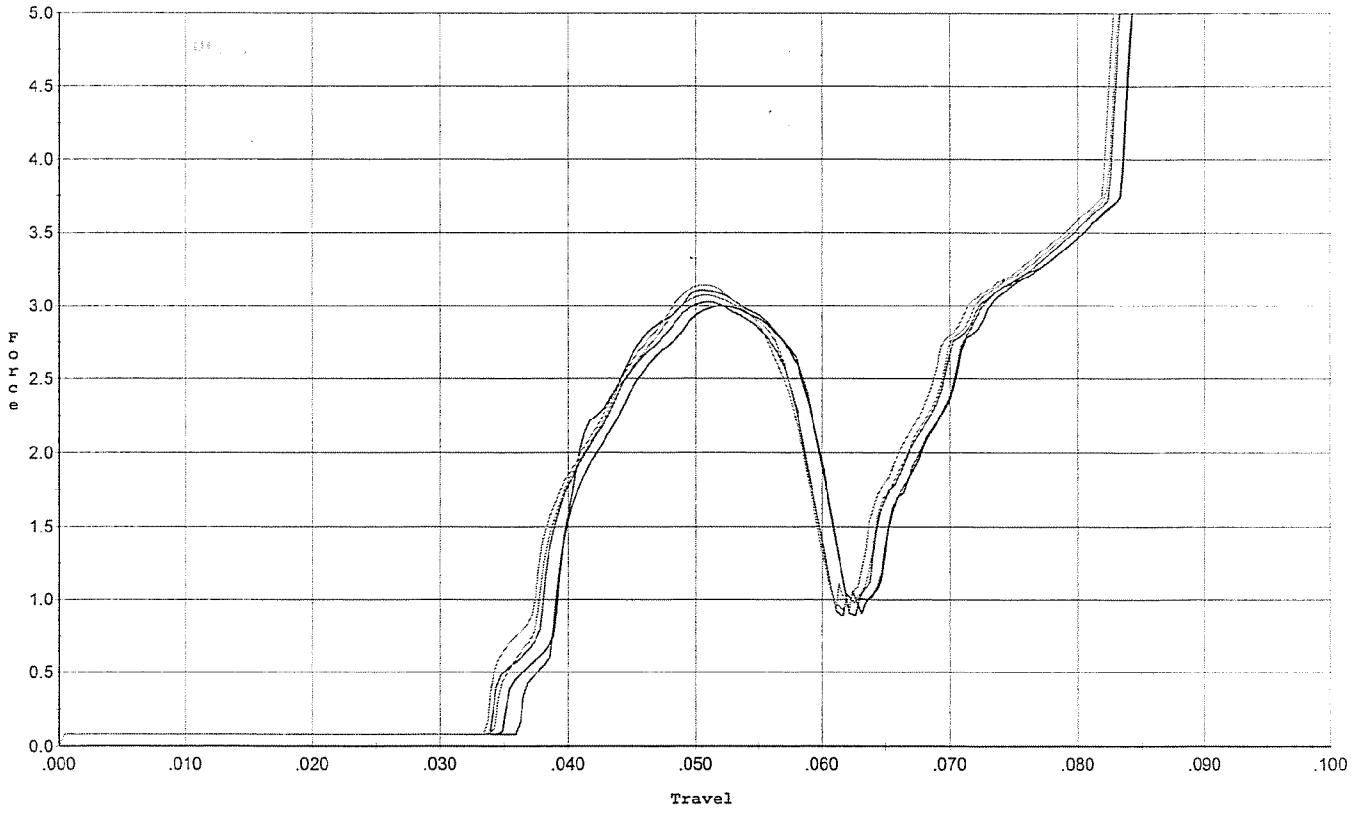


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.621	0.059	0.038	0.034	0.049		Set Trigger
2	2.455	0.061	0.039	0.033	0.046		Set Trigger
3	2.339	0.061	0.040	0.033	0.044		Set Trigger
4	2.339	0.061	0.039	0.033	0.045		Set Trigger
5	2.283	0.060	0.038	0.033	0.044		Set Trigger

2.41 Avg.

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 11/14/06		



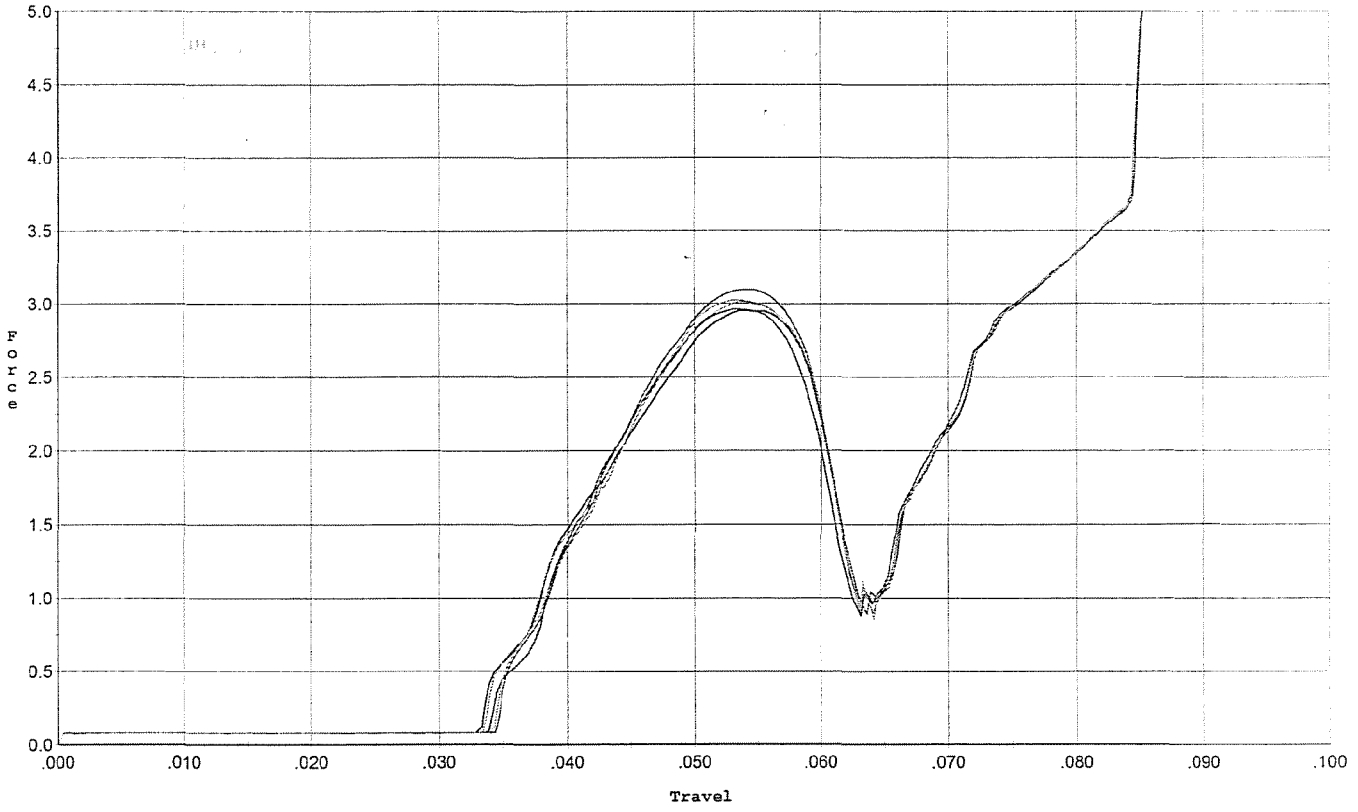
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.107	0.060	0.036	0.031	0.060		Set Trigger
2	2.999	0.060	0.035	0.031	0.058		Set Trigger
3	3.027	0.058	0.034	0.032	0.057		Set Trigger
4	3.139	0.058	0.035	0.032	0.058		Set Trigger
5	3.072	0.058	0.034	0.031	0.059		Set Trigger

3.07 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/14/2006 11:35:04 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 11/14/06		



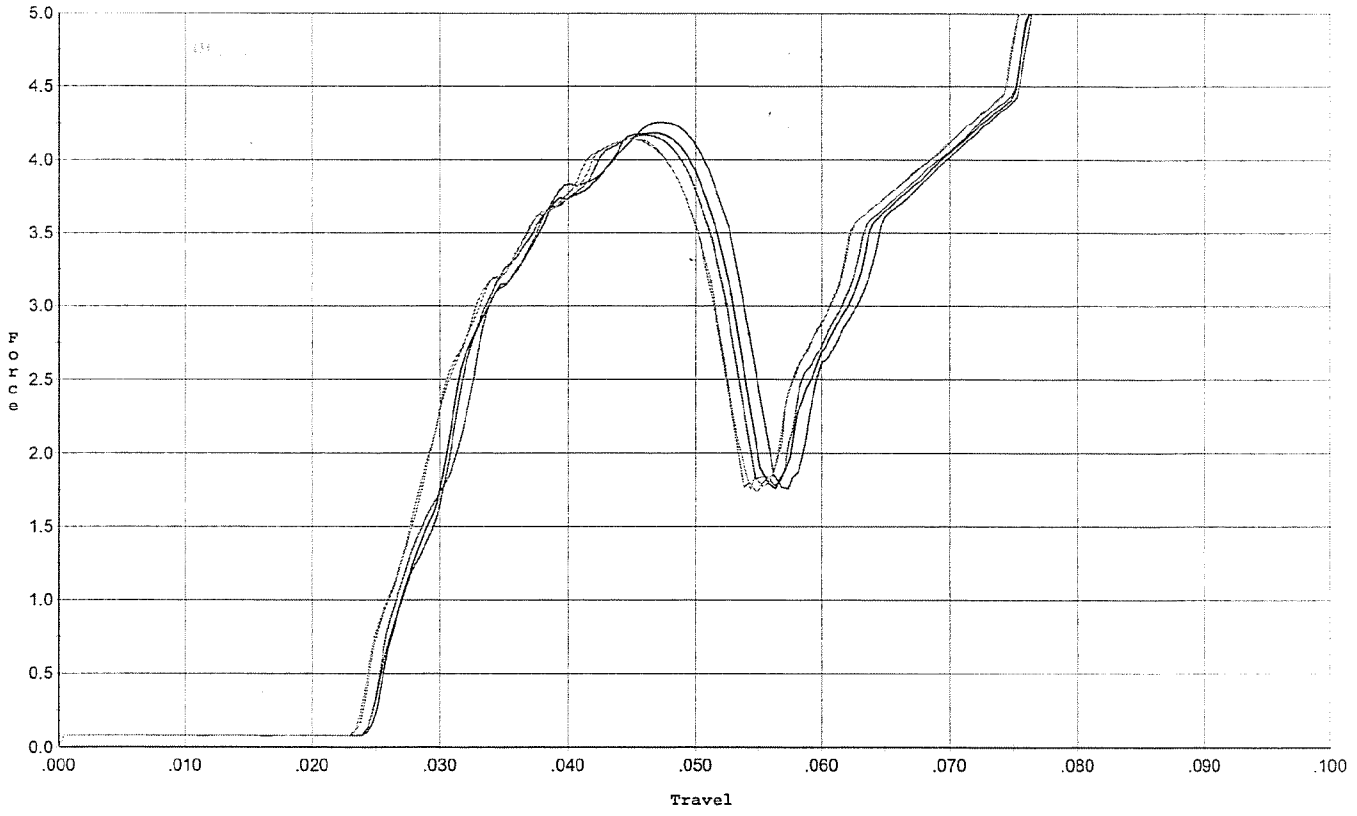
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.964	0.060	0.034	0.032	0.057		Set Trigger
2	2.952	0.060	0.034	0.031	0.059		Set Trigger
3	3.096	0.060	0.035	0.032	0.060		Set Trigger
4	3.026	0.060	0.035	0.031	0.059		Set Trigger
5	3.012	0.060	0.034	0.031	0.059		Set Trigger

3.01 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/14/2006 11:36:18 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 11/14/06		



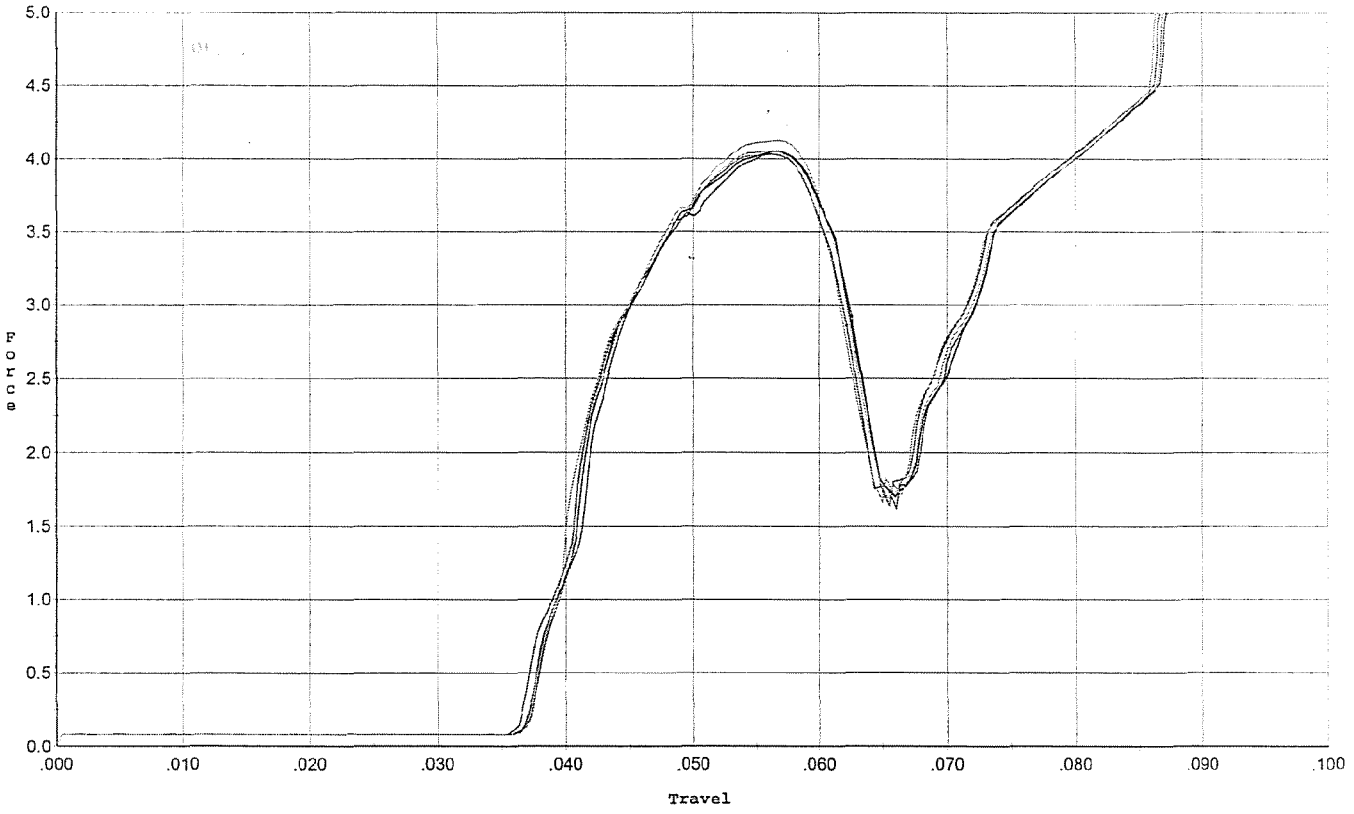
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.256	0.054	0.025	0.028	0.094		Set Trigger
2	4.184	0.053	0.025	0.028	0.089		Set Trigger
3	4.169	0.052	0.025	0.028	0.086		Set Trigger
4	4.139	0.051	0.024	0.028	0.086		Set Trigger
5	4.141	0.051	0.024	0.028	0.087		Set Trigger

4.18 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/14/2006 11:39:22 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 11/14/06		



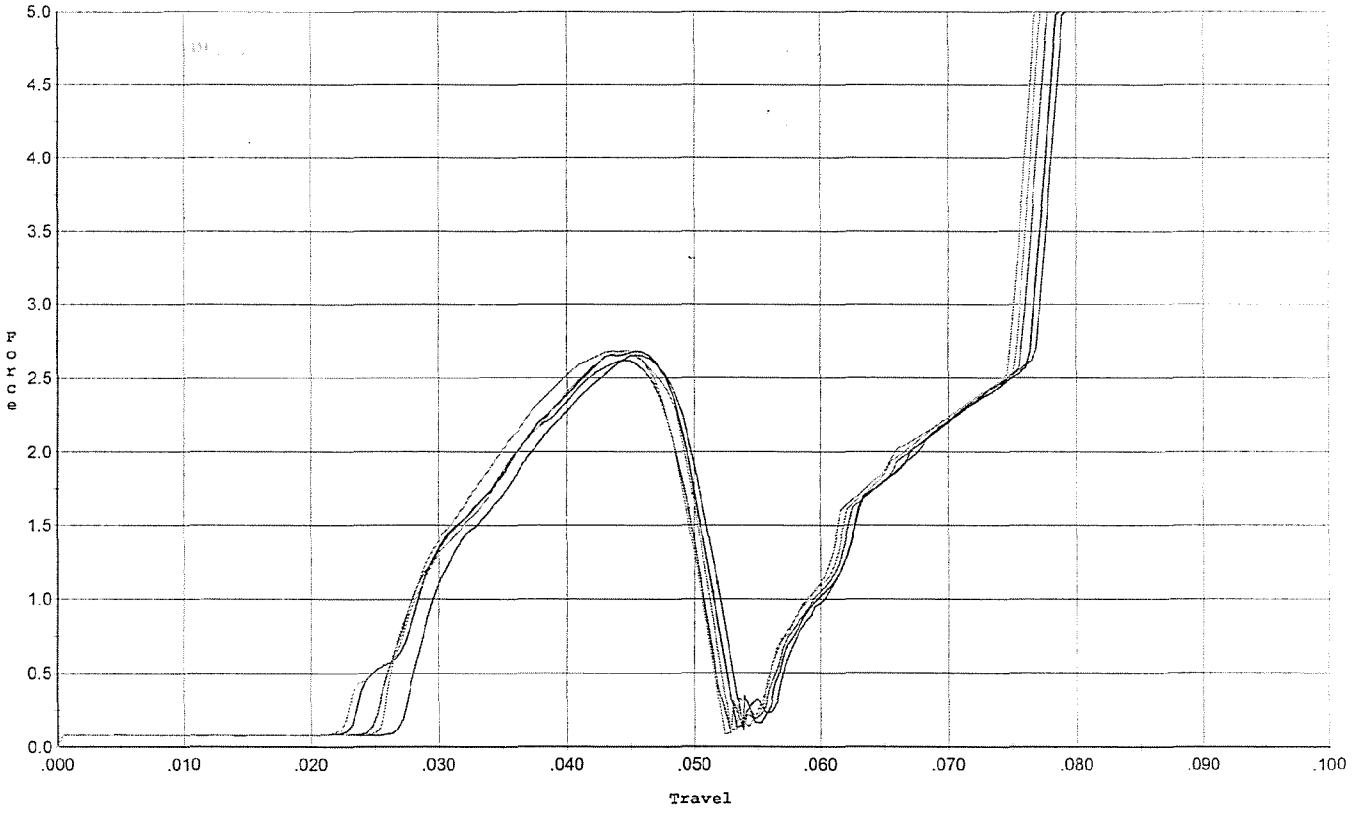
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.050	0.063	0.037	0.030	0.082		Set Trigger
2	4.052	0.063	0.037	0.030	0.083		Set Trigger
3	4.034	0.062	0.037	0.030	0.082		Set Trigger
4	4.127	0.061	0.037	0.030	0.081		Set Trigger
5	4.055	0.061	0.037	0.030	0.080		Set Trigger

4.06 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/14/2006 11:40:49 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	Final Test & To Reset 2.5 lbs.
Note:	M. Mckinney 11/14/06		



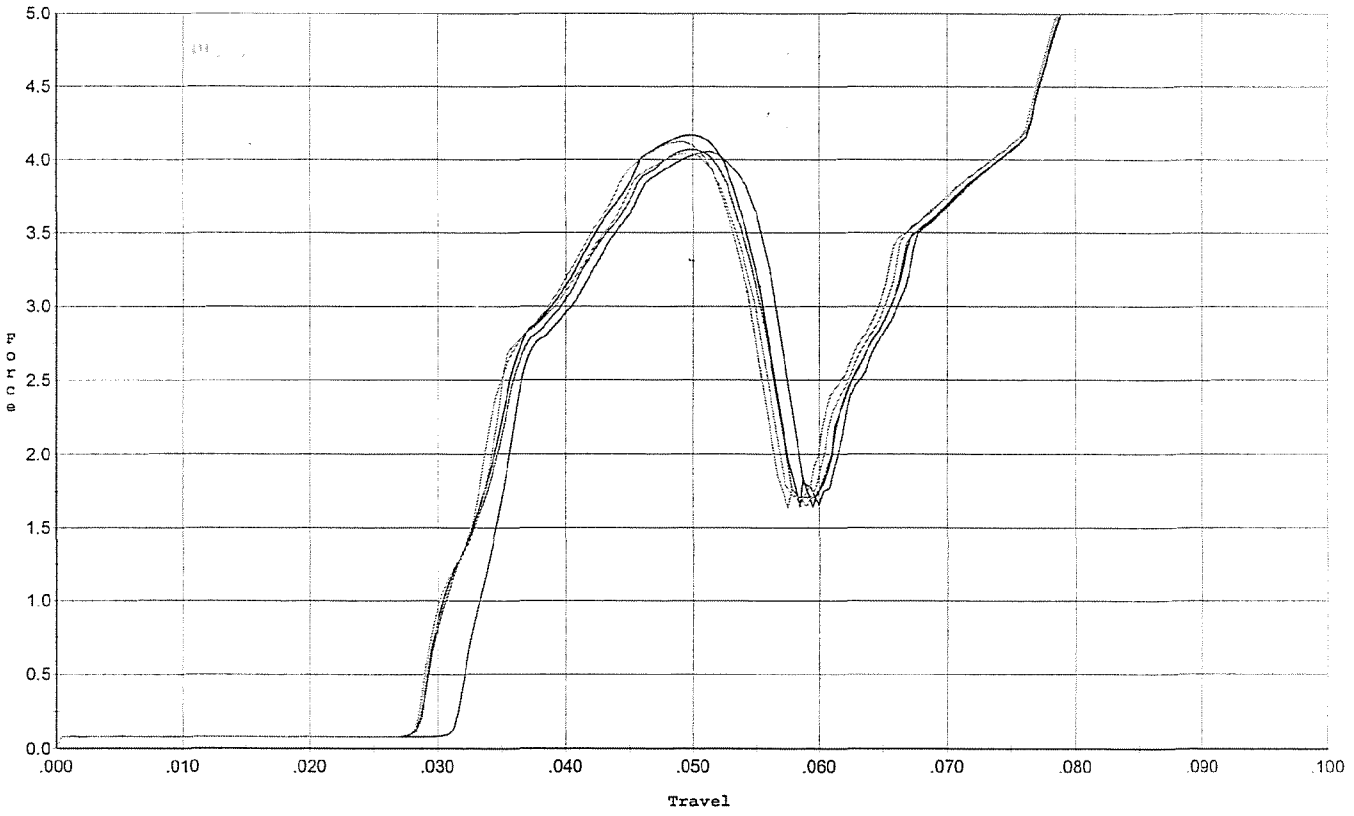
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.653	0.052	0.027	0.033	0.049		Set Trigger
2	2.679	0.051	0.024	0.033	0.052		Set Trigger
3	2.618	0.050	0.025	0.033	0.048		Set Trigger
4	2.683	0.050	0.023	0.033	0.049		Set Trigger
5	2.677	0.050	0.026	0.032	0.051		Set Trigger

2.666 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/14/2006 11:42:04 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	Reset to 4.0 lbs. For Target & Accuracy
Note:	M. Mckinney 11/14/06		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.055	0.056	0.032	0.030	0.080		Set Trigger
2	4.168	0.055	0.029	0.029	0.084		Set Trigger
3	4.070	0.056	0.029	0.030	0.082		Set Trigger
4	4.041	0.055	0.029	0.029	0.081		Set Trigger
5	4.121	0.054	0.029	0.029	0.080		Set Trigger

4.09

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/14/2006 11:44:05 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591619.__0
FILE DATE AND TIME: 12/05/2006 05:41

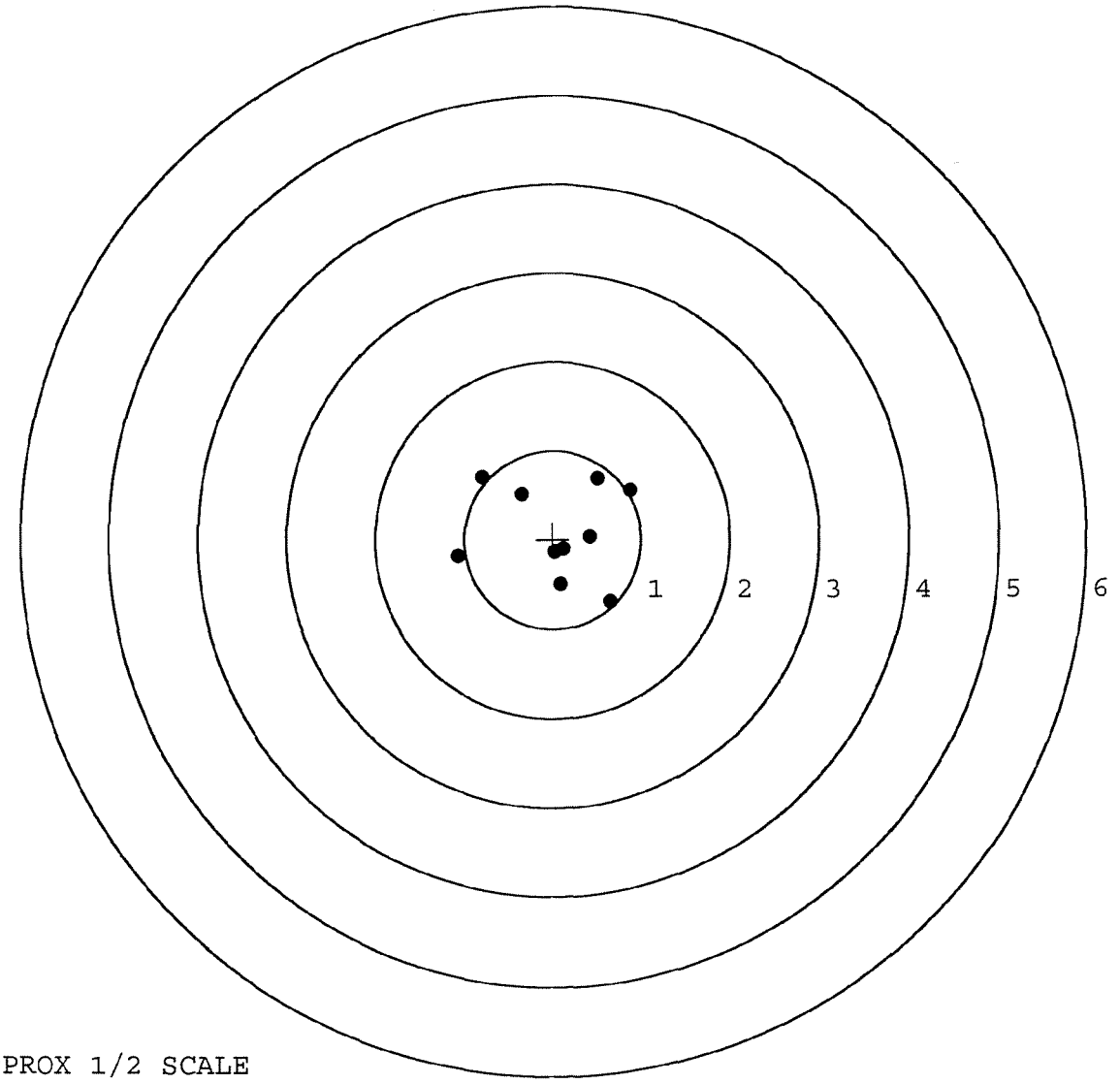
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.042
The Average Y Centroid of the Five Target Set:	0.045
The Average Point of Impact of the Five Target Set:	0.062
The Average Mean Radius of the Five Target Set:	0.669
The Distance from POA to Centroid Target #1:	0.095
The Distance from Centroid Target #2 to Centroid Target #1:	0.179
The Distance from Centroid Target #3 to Centroid Target #1:	0.118
The Distance from Centroid Target #4 to Centroid Target #1:	0.092
The Distance from Centroid Target #5 to Centroid Target #1:	0.113

SERIAL NUMBER: G6591619.__0
TARGET NUMBER: 1
FILE DATE: 12/05/2006
FILE TIME: 05:41

X CENTROID:	0.046
Y CENTROID:	0.083
POA TO CENTROID:	0.095
HORZ SPREAD:	1.947
VERT SPREAD:	1.400
GROUP SPREAD:	2.087
MIN RADIUS:	0.210
MAX RADIUS:	1.153
MEAN RADIUS:	0.690
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.073	-0.194
2:	-0.795	0.700
3:	-0.360	0.508
4:	0.505	0.688
5:	0.874	0.557
6:	0.653	-0.700
7:	0.087	-0.513
8:	0.022	-0.144
9:	0.126	-0.112
10:	0.421	0.036

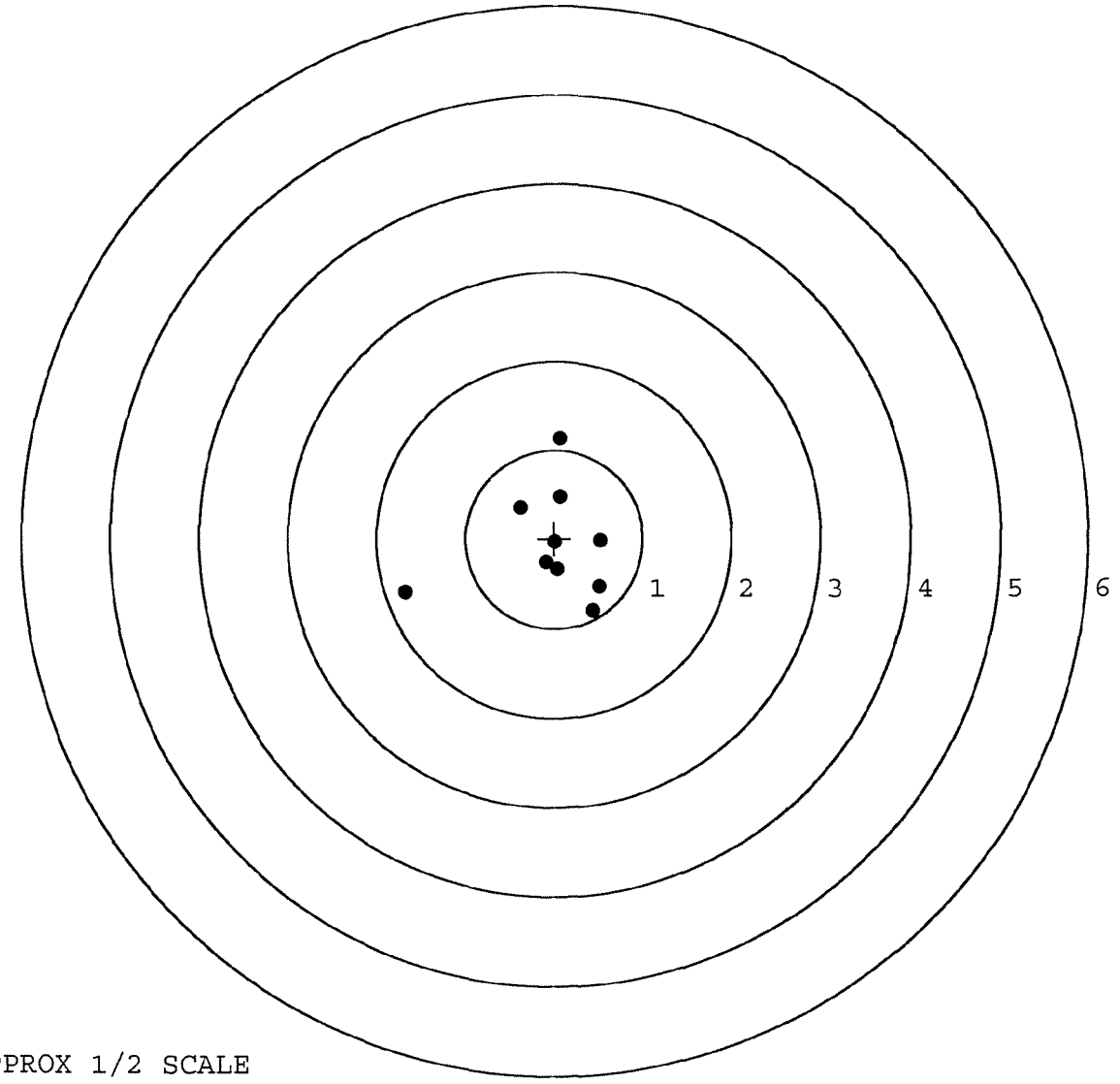


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591619.__0
TARGET NUMBER: 2
FILE DATE: 12/05/2006
FILE TIME: 05:41

X CENTROID:	-0.052
Y CENTROID:	-0.068
POA TO CENTROID:	0.085
HORZ SPREAD:	2.196
VERT SPREAD:	1.936
GROUP SPREAD:	2.456
MIN RADIUS:	0.069
MAX RADIUS:	1.709
MEAN RADIUS:	0.677
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.061	1.132
2:	0.061	0.473
3:	-0.390	0.351
4:	-1.675	-0.605
5:	0.011	-0.041
6:	-0.095	-0.268
7:	0.035	-0.351
8:	0.521	-0.024
9:	0.512	-0.539
10:	0.437	-0.804

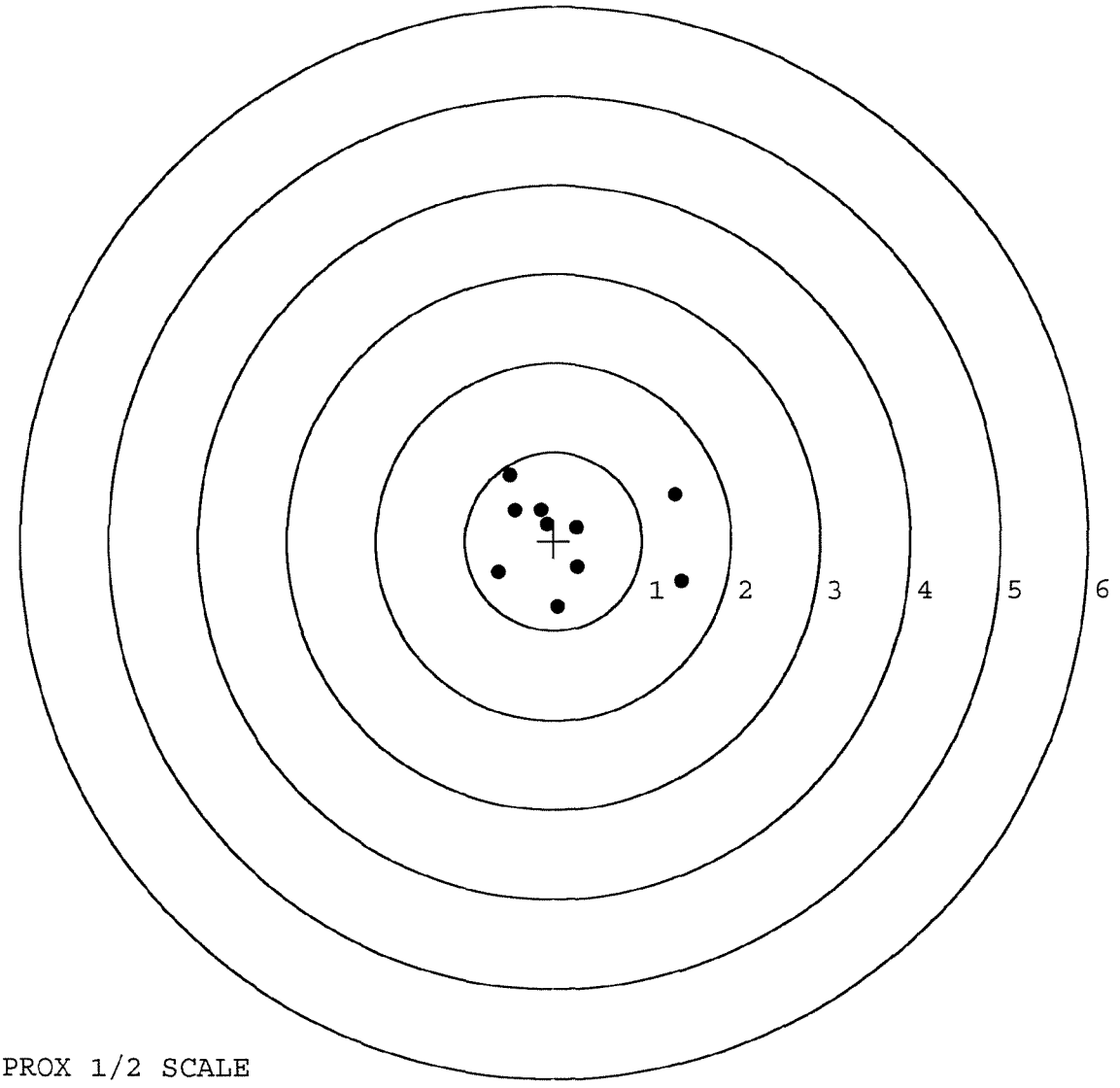


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591619.__0
TARGET NUMBER: 3
FILE DATE: 12/05/2006
FILE TIME: 05:41

X CENTROID:	0.159
Y CENTROID:	0.048
POA TO CENTROID:	0.166
HORZ SPREAD:	2.067
VERT SPREAD:	1.484
GROUP SPREAD:	2.277
MIN RADIUS:	0.149
MAX RADIUS:	1.377
MEAN RADIUS:	0.719
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.443	-0.449
2:	1.370	0.521
3:	-0.624	-0.352
4:	0.041	-0.740
5:	0.270	-0.289
6:	0.258	0.160
7:	-0.077	0.187
8:	-0.446	0.351
9:	-0.496	0.744
10:	-0.150	0.349

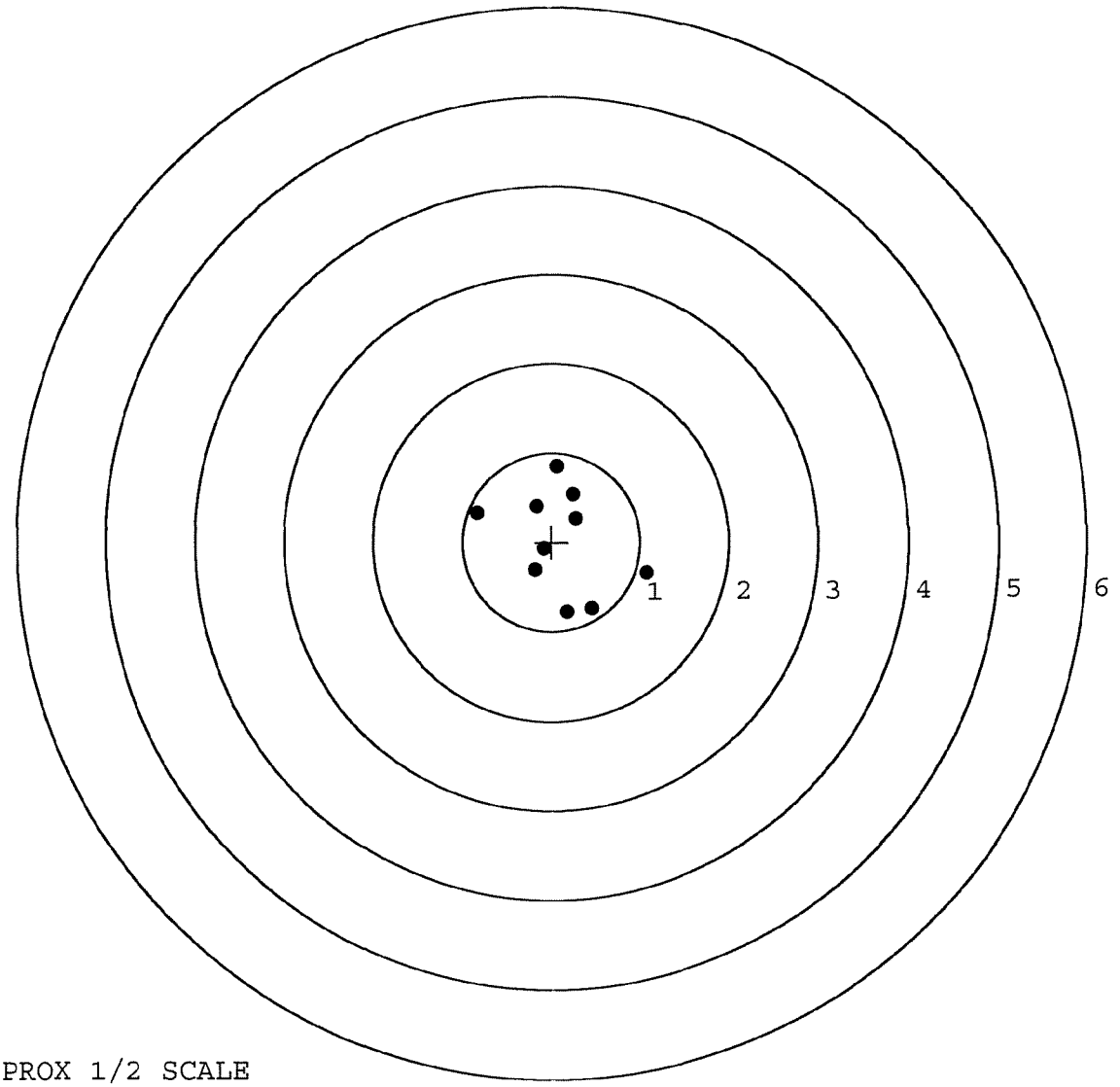


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591619.__0
TARGET NUMBER: 4
FILE DATE: 12/05/2006
FILE TIME: 05:41

X CENTROID:	0.104
Y CENTROID:	0.011
POA TO CENTROID:	0.104
HORZ SPREAD:	1.918
VERT SPREAD:	1.636
GROUP SPREAD:	2.034
MIN RADIUS:	0.210
MAX RADIUS:	1.040
MEAN RADIUS:	0.649
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.080	-0.347
2:	0.455	-0.748
3:	0.174	-0.788
4:	-0.192	-0.315
5:	-0.088	-0.075
6:	-0.160	0.401
7:	0.285	0.261
8:	0.248	0.539
9:	0.072	0.848
10:	-0.838	0.331

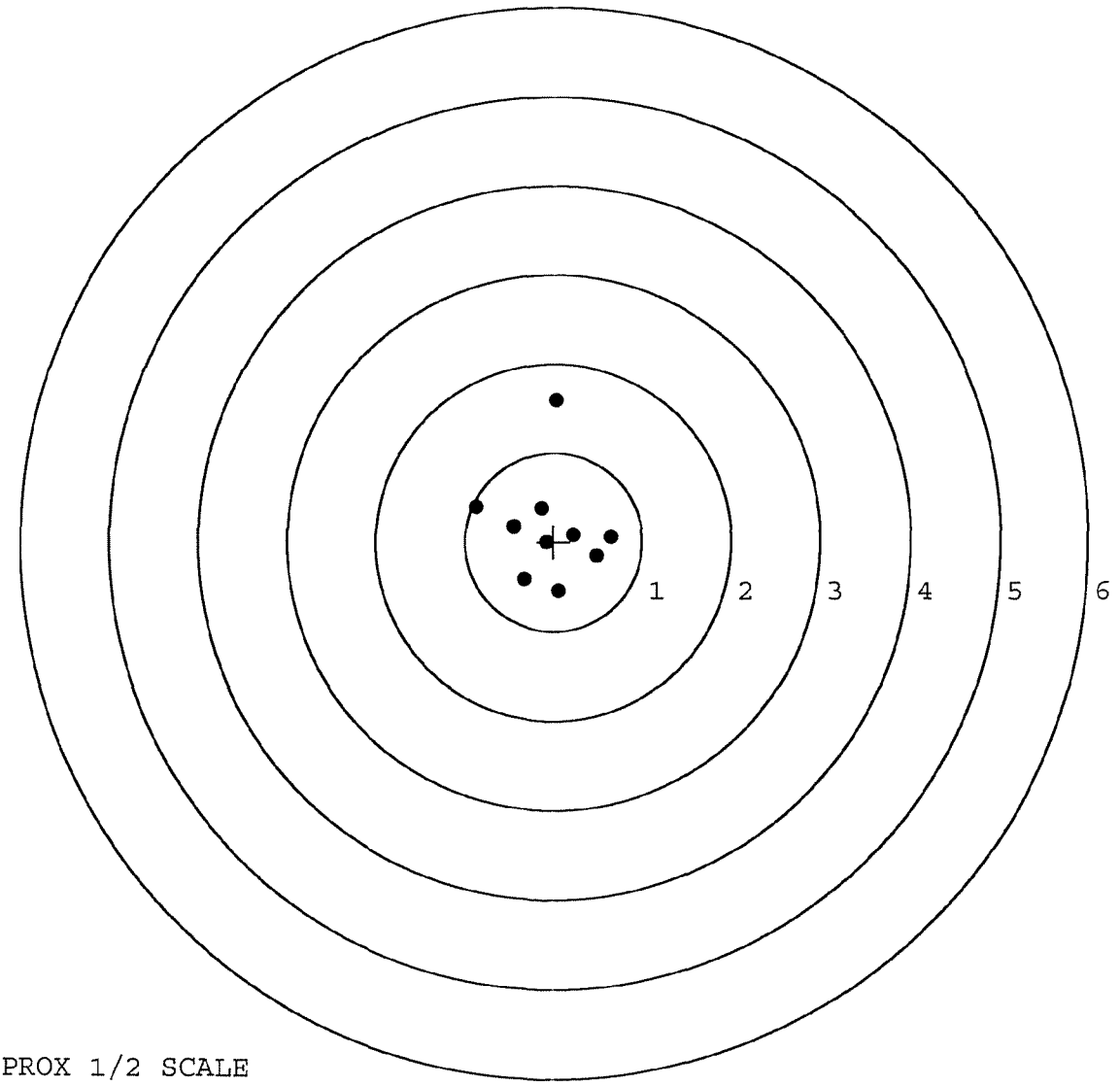


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591619.__0
TARGET NUMBER: 5
FILE DATE: 12/05/2006
FILE TIME: 05:41

X CENTROID:	-0.044
Y CENTROID:	0.150
POA TO CENTROID:	0.157
HORZ SPREAD:	1.530
VERT SPREAD:	2.144
GROUP SPREAD:	2.144
MIN RADIUS:	0.166
MAX RADIUS:	1.440
MEAN RADIUS:	0.610
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.879	0.389
2:	-0.454	0.170
3:	-0.145	0.380
4:	-0.083	-0.011
5:	0.222	0.078
6:	0.493	-0.161
7:	0.651	0.057
8:	0.059	-0.555
9:	-0.334	-0.431
10:	0.032	1.589



TARGET APPROX 1/2 SCALE