G 654521

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

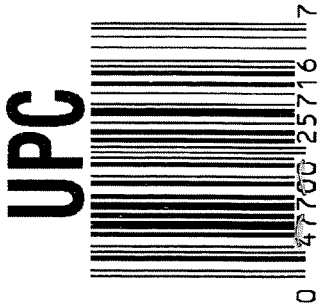
– INSTUCTION BOOK 3518

DD FORM

ORDER NO. 25716

BARREL LENGTH	24"
CAPACITY	6

G6591521



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.

M-24

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 65 91 521

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-6-06	BLC
420	ASSEMBLE ACTION		10-7-06	BLC
430	ASSEMBLE TO STOCK		10-7-06	WK
440	PROOF	MAGNA-FLUX INSPECTED OCT 12 2006	10-7-06	TRW
460	CHECK HEADSPACE		10-7-06	TRW
470	DIS-ASSEMBLE ACTION		10-9-06	RTC
480	MAGNAFLUX BBL ACTION	OPERATOR	10/12/06	
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-10-06	CW
510	DRILL AND TAP SIGHT HOLES		10-9-06	TRW
520	GOFF BLAST BBL / REC		10-13-06	MB
530 & 540	APPLY COATINGS (BARREL ACTION)		10/16	HC
	(BOLT)			
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		10-24-06	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-24-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-24-06	SD
	D) OIL FIRING PIN ASSEMBLY		10-30-06	RTC
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

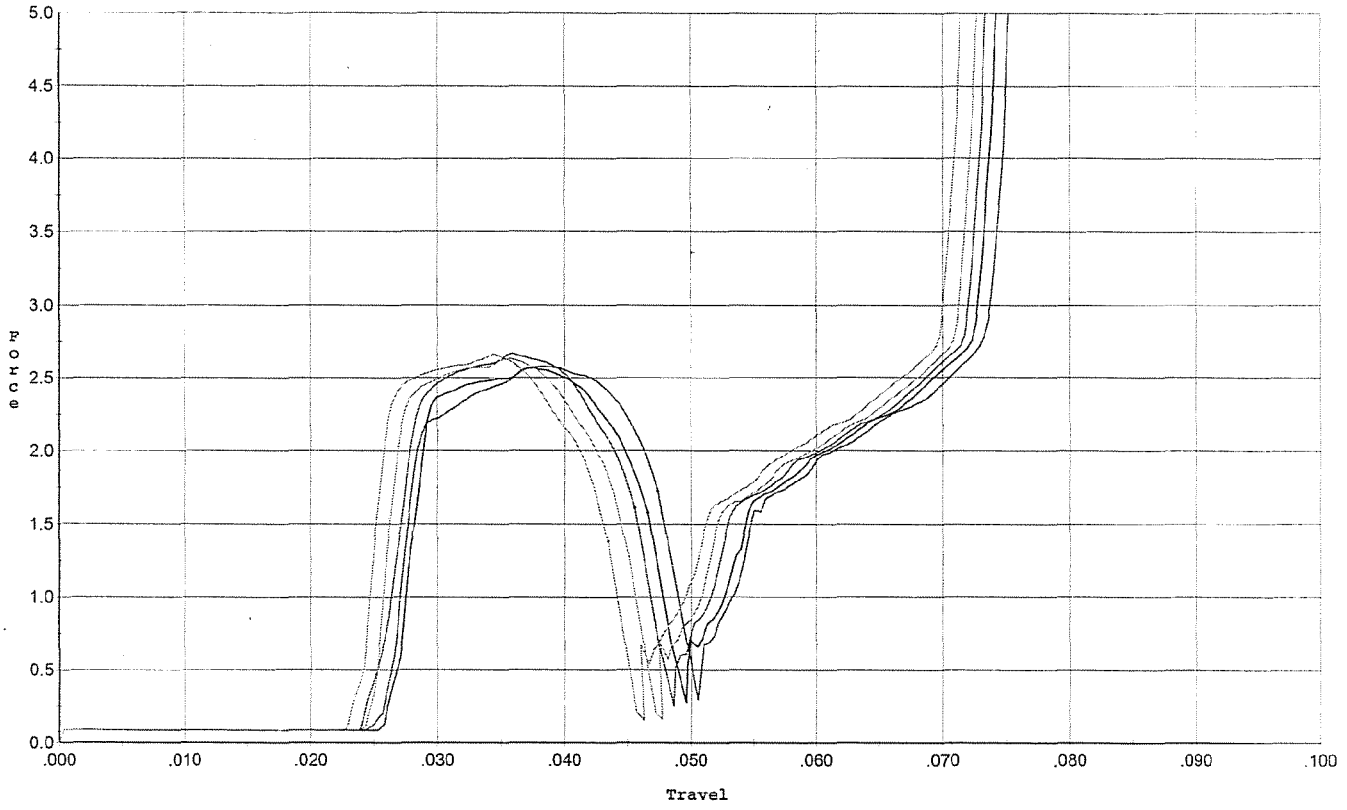
F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX]	4# 4# 4#	11-14-06	SD
CONT.	G) SAFETY OFF FORCE [2 LBS MIN]	6# 6# 6#	11-14-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT [.020 MIN]	.026 .024 .024	11-14-06	SD
	J) ASSEMBLE STOCK		10-30-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		11-14-06	L.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-30-06	RTZ
	M) IRON SIGHT ALIGNMENT		10-30-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-30-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL / PASS FAIL	11-4-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		11-4-06	DK
670	FINAL INSPECTION A) HEADSPACE		11-14-06	L.P.D.
	B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS]	270 265 239 247 230	11-11-06	RP
	C) FUNCTION		11-14-06	L.P.D.
690	PACK		11/07/06	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.
Note:	M. Mckinney 10/18/06		



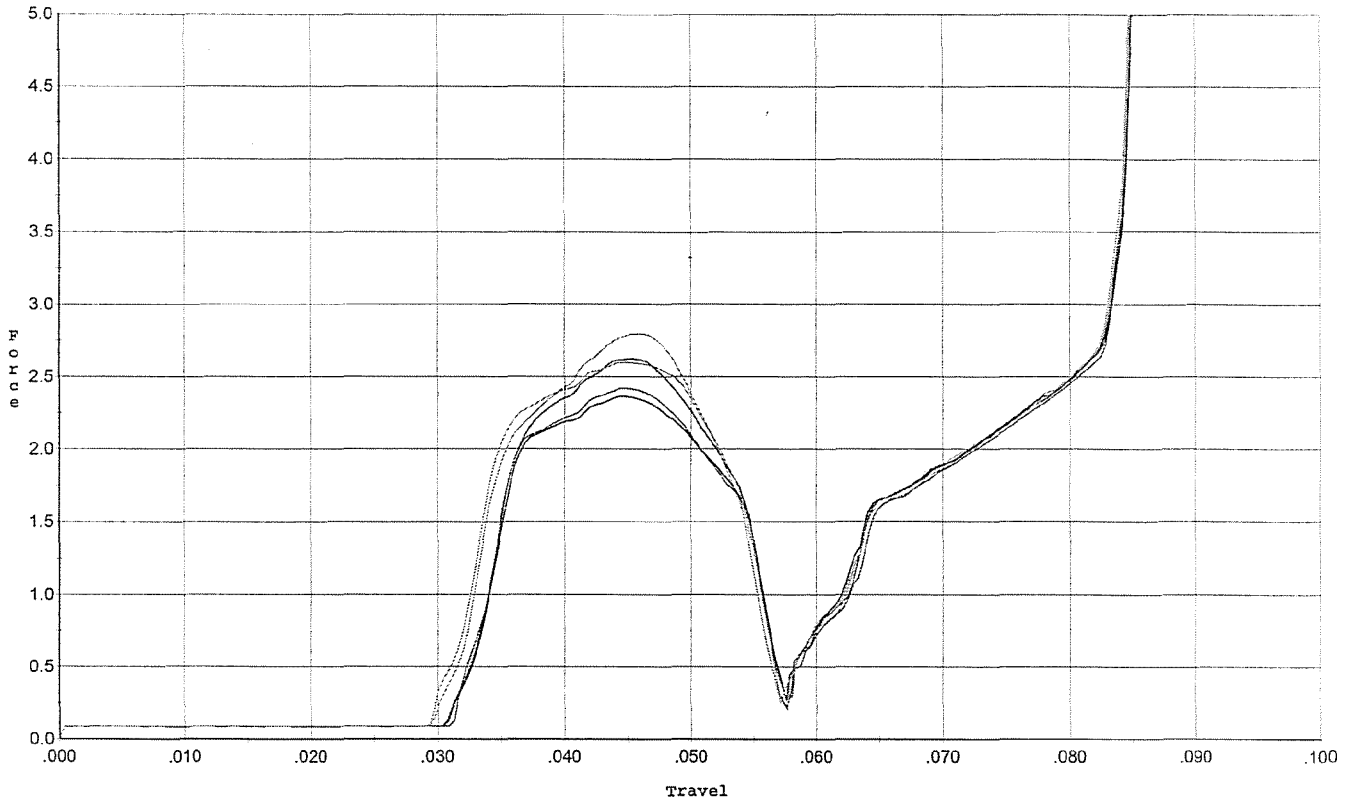
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.578	0.047	0.026	0.031	0.050		Set Trigger
2	2.566	0.047	0.026	0.031	0.047		Set Trigger
3	2.667	0.046	0.024	0.031	0.048		Set Trigger
4	2.634	0.045	0.025	0.032	0.047		Set Trigger
5	2.662	0.043	0.023	0.032	0.046		Set Trigger

2.62

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/18/2006 3:49:25 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 10/18/06		



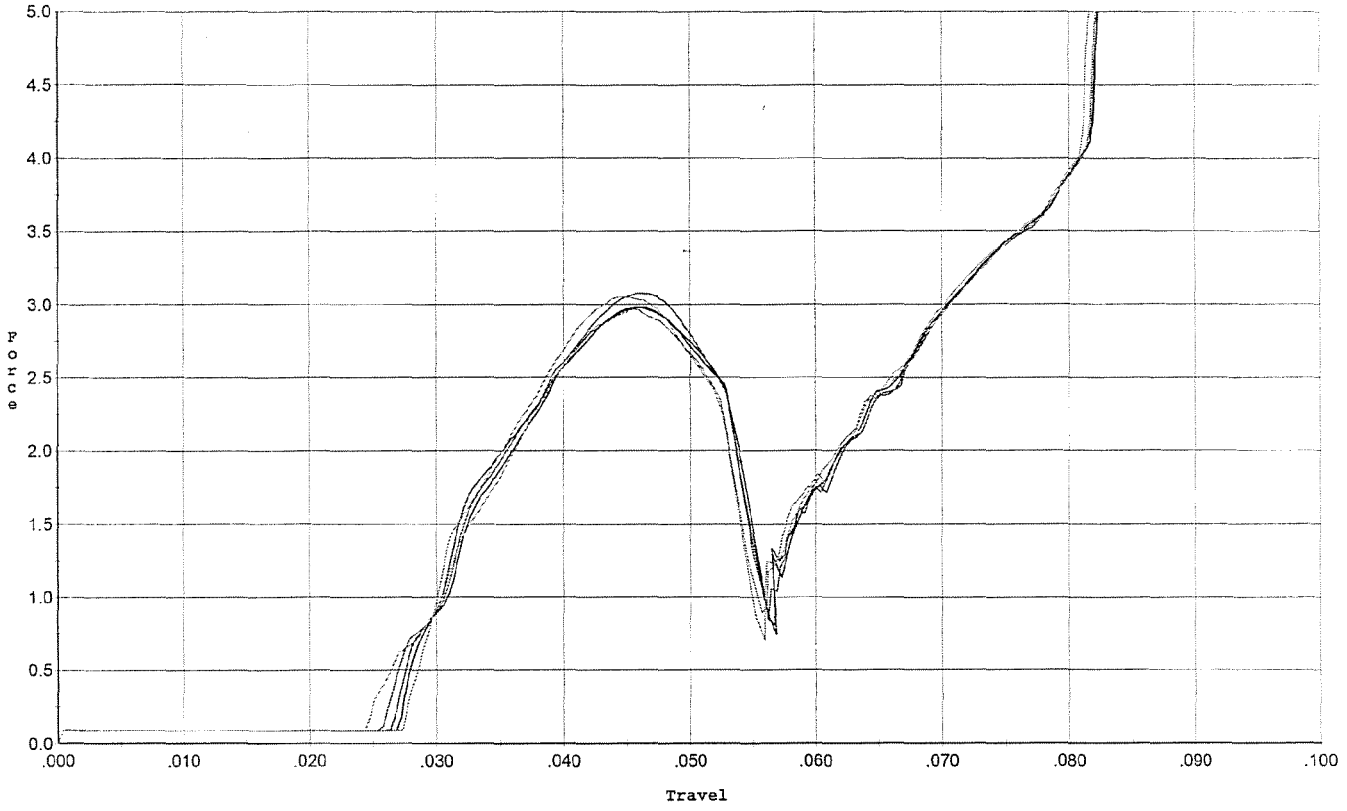
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.623	0.055	0.032	0.035	0.050		Set Trigger
2	2.364	0.055	0.031	0.035	0.047		Set Trigger
3	2.421	0.055	0.031	0.035	0.048		Set Trigger
4	2.601	0.054	0.030	0.035	0.053		Set Trigger
5	2.797	0.055	0.030	0.035	0.054		Set Trigger

2.56

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/18/2006 3:51:05 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 10/18/06		



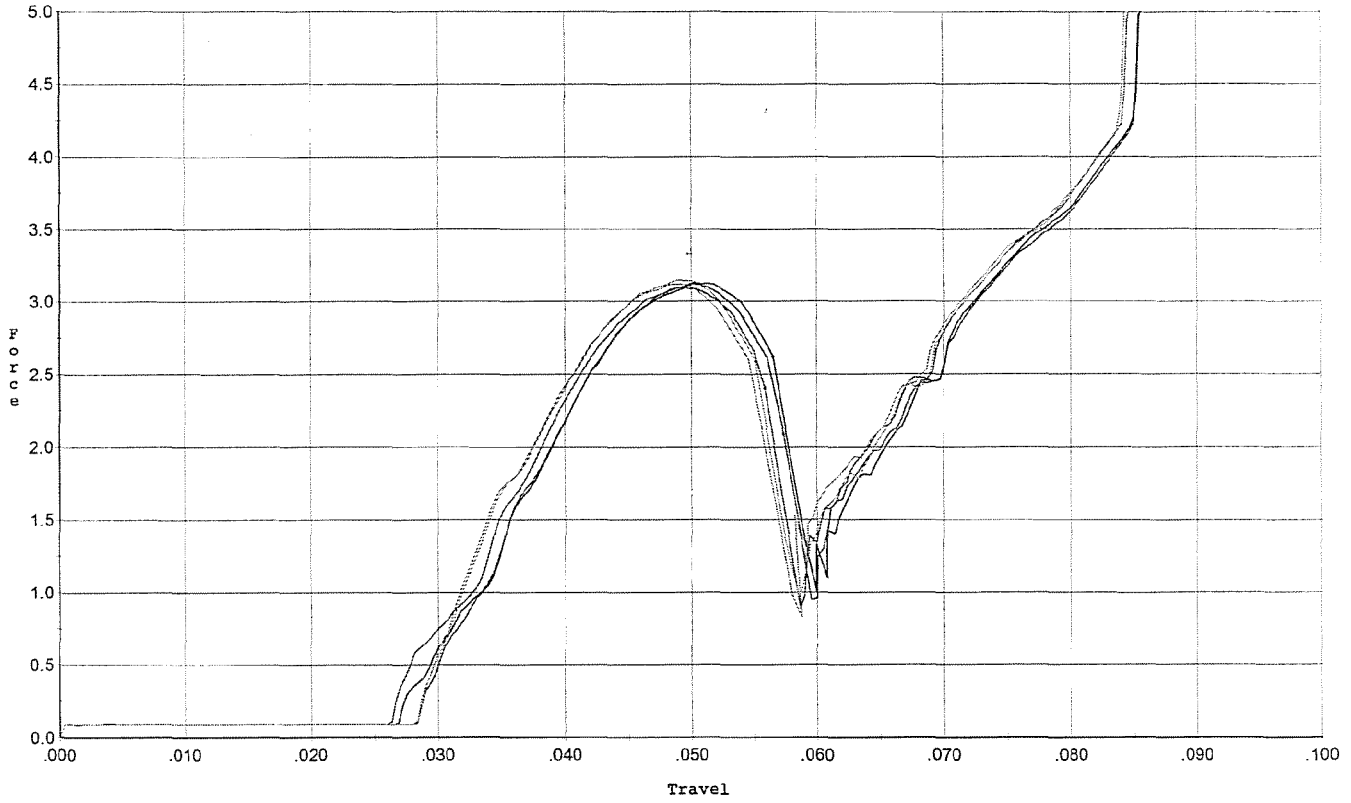
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.980	0.053	0.027	0.033	0.060		Set Trigger
2	2.980	0.054	0.027	0.033	0.061		Set Trigger
3	3.076	0.053	0.026	0.033	0.061		Set Trigger
4	3.051	0.053	0.028	0.033	0.060		Set Trigger
5	2.968	0.052	0.025	0.033	0.059		Set Trigger

3.01

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/18/2006 3:55:02 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 10/18/06		



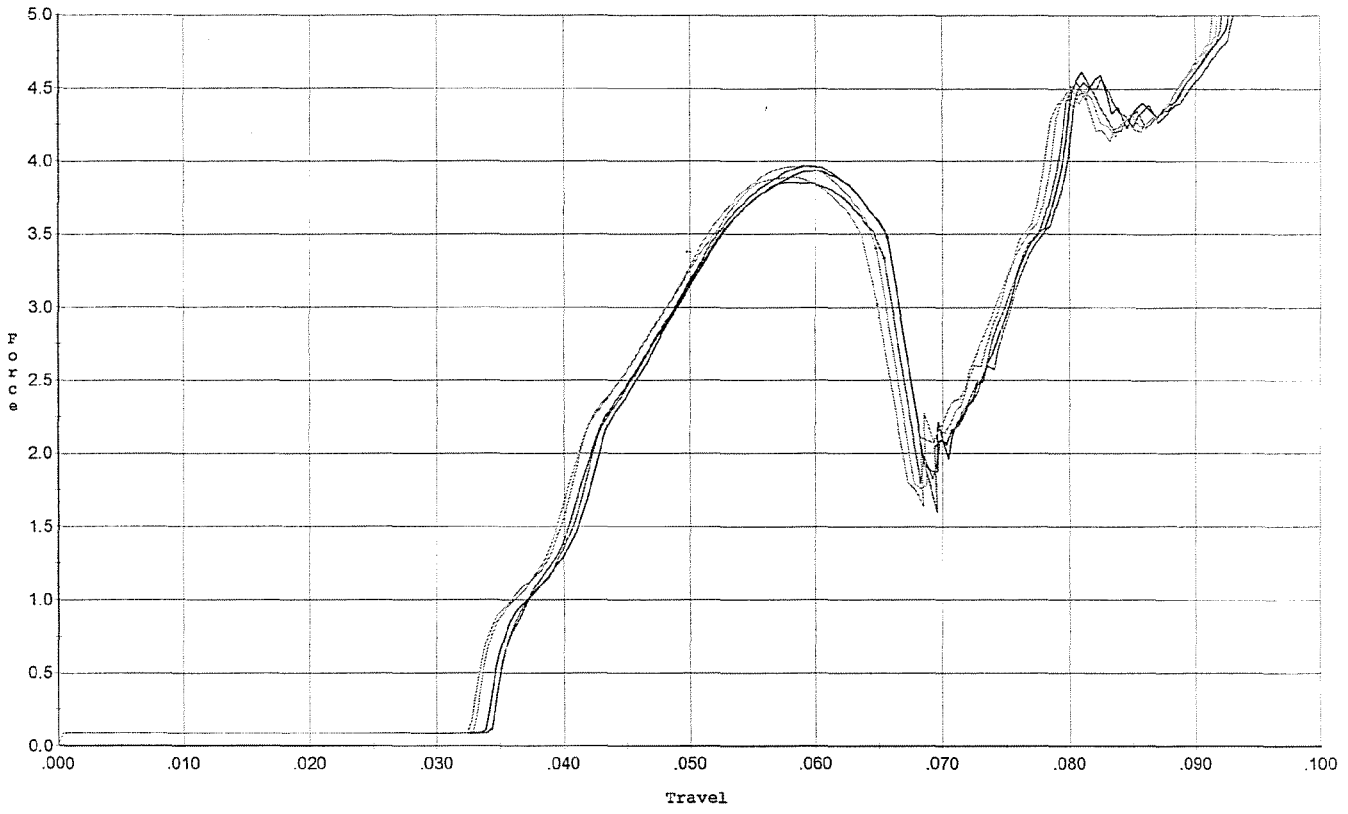
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.118	0.057	0.029	0.033	0.065		Set Trigger
2	3.128	0.057	0.027	0.033	0.066		Set Trigger
3	3.098	0.056	0.027	0.033	0.065		Set Trigger
4	3.145	0.055	0.029	0.033	0.064		Set Trigger
5	3.119	0.056	0.029	0.033	0.065		Set Trigger

3.12

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/18/2006 3:57:40 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 10/18/06		



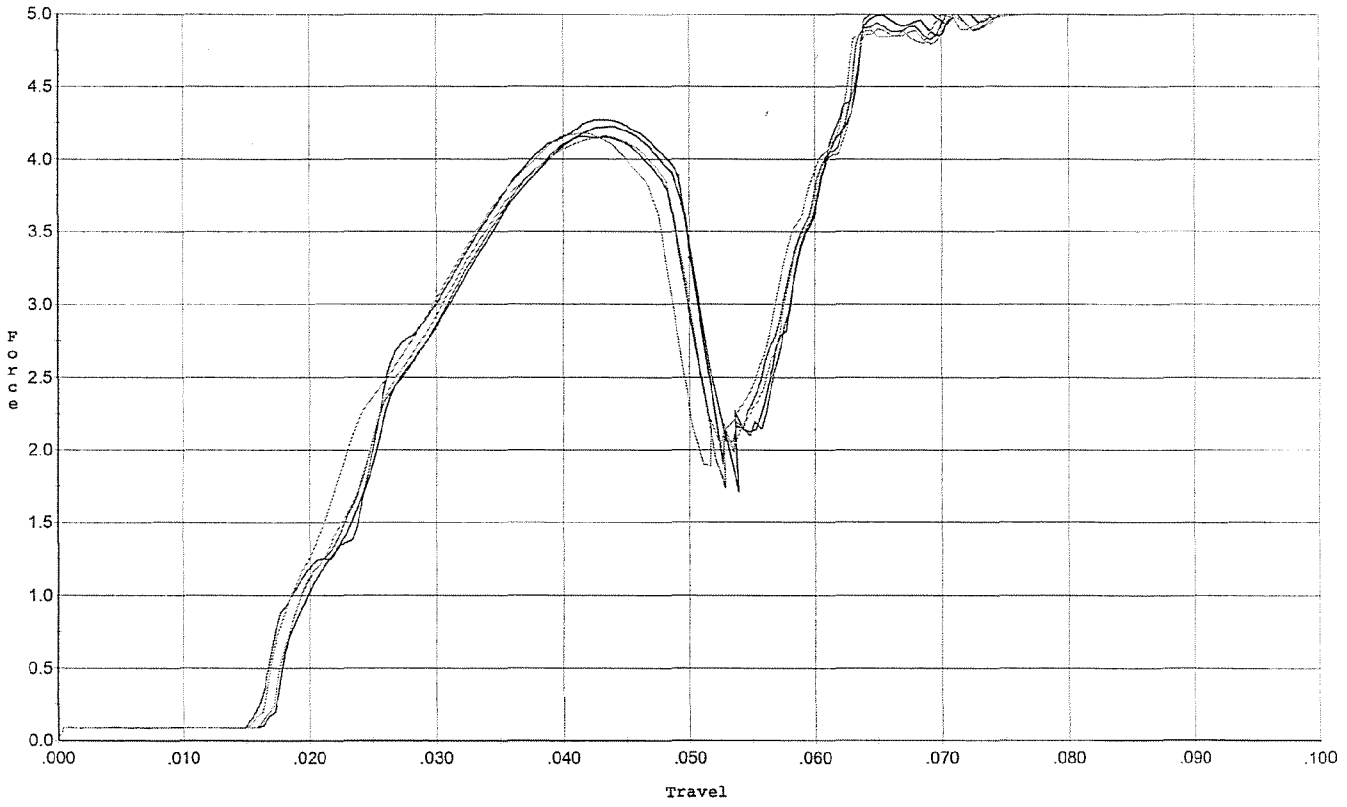
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.967	0.066	0.035	0.032	0.094		Set Trigger
2	3.937	0.066	0.034	0.031	0.093		Set Trigger
3	3.854	0.065	0.035	0.031	0.091		Set Trigger
4	3.970	0.065	0.033	0.031	0.094		Set Trigger
5	3.890	0.065	0.033	0.031	0.092		Set Trigger

3.92

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/18/2006 4:08:56 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 10/18/06		



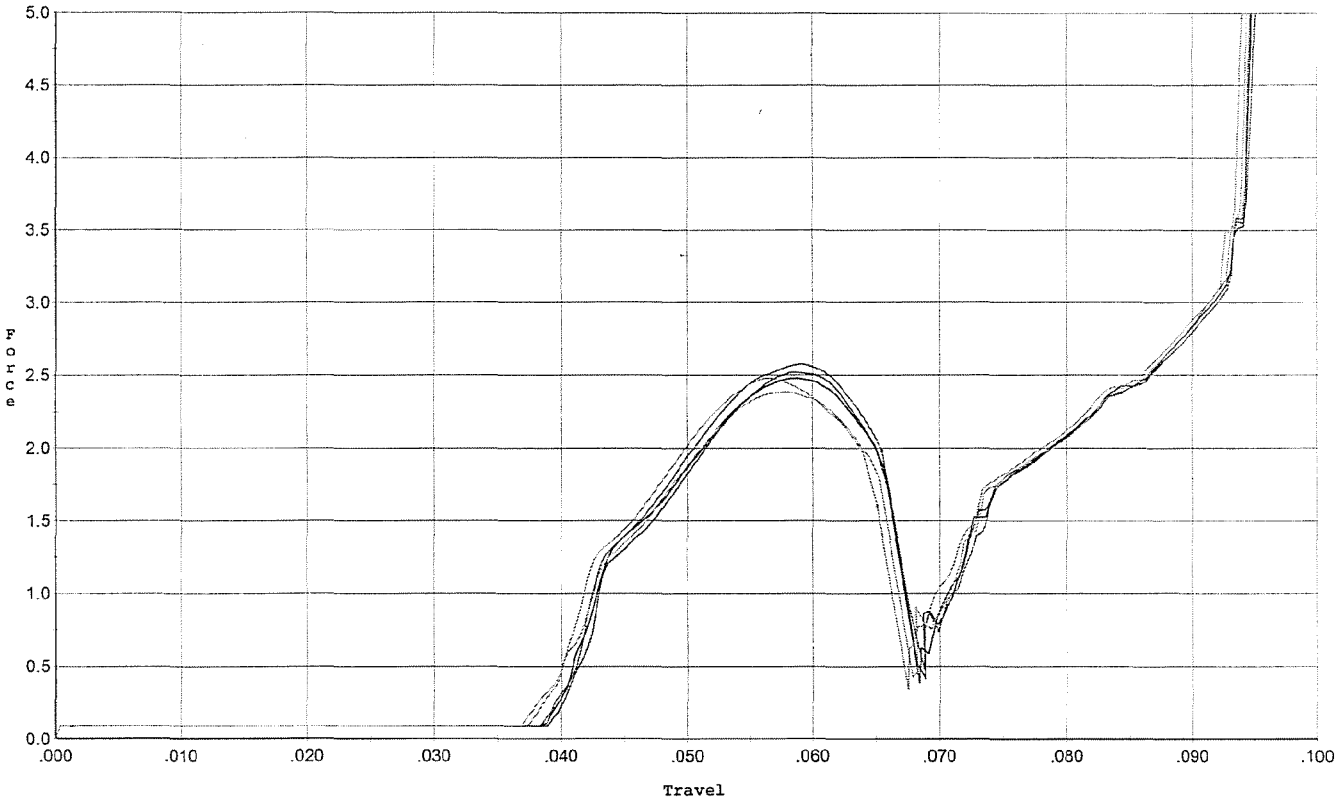
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.269	0.049	0.016	0.027	0.100		Set Trigger
2	4.223	0.049	0.017	0.028	0.097		Set Trigger
3	4.158	0.050	0.017	0.028	0.098		Set Trigger
4	4.162	0.050	0.016	0.028	0.098		Set Trigger
5	4.179	0.047	0.016	0.028	0.094		Set Trigger

4/20

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/18/2006 4:11:00 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	Final Test & To Reset To 2.5 lbs.
Note:	M. Mckinney 10/18/06		



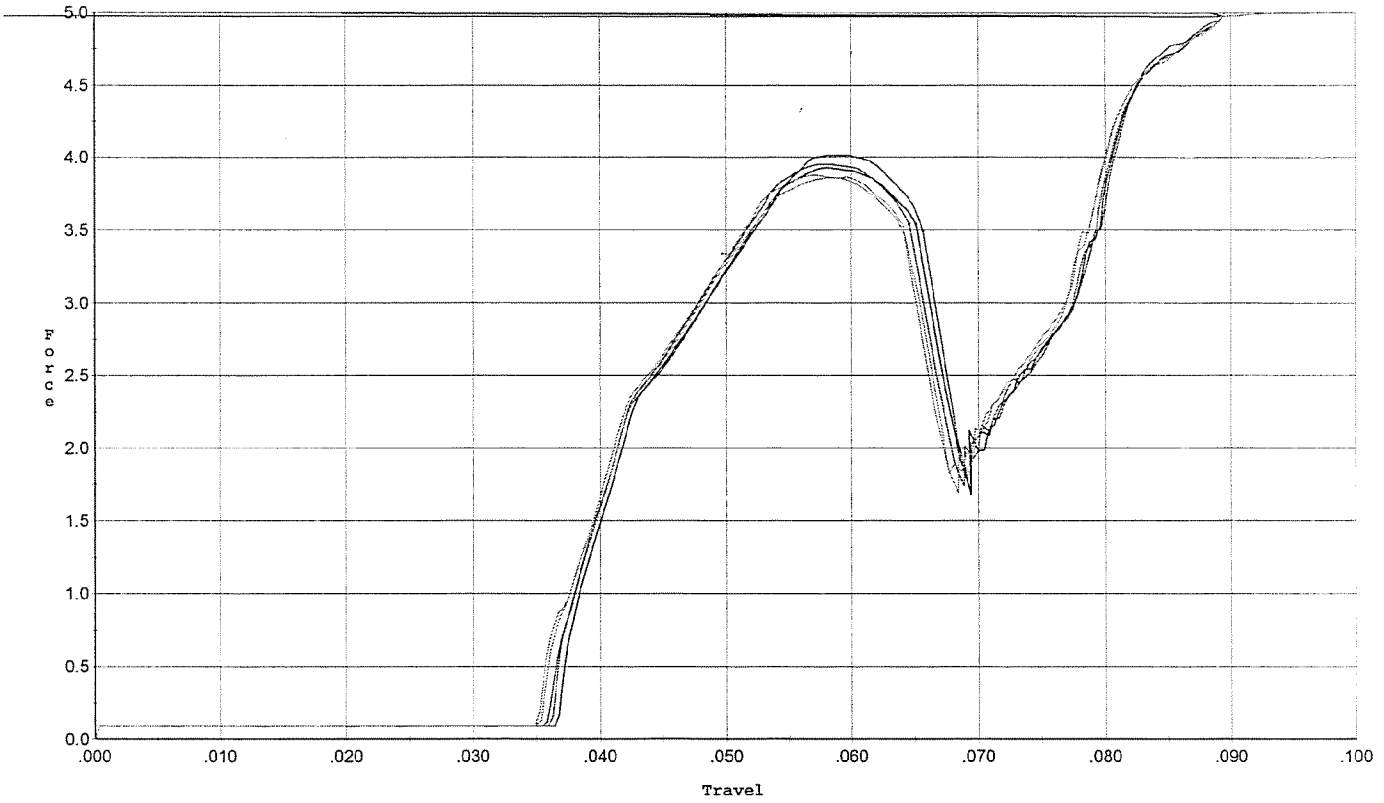
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.519	0.066	0.040	0.036	0.052		Set Trigger
2	2.480	0.066	0.039	0.036	0.053		Set Trigger
3	2.577	0.065	0.040	0.036	0.054		Set Trigger
4	2.385	0.065	0.038	0.036	0.051		Set Trigger
5	2.479	0.065	0.039	0.036	0.053		Set Trigger

2.49

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/18/2006 4:12:26 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 10/18/06		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.013	0.066	0.036	0.031	0.095		Set Trigger
2	3.929	0.065	0.037	0.032	0.091		Set Trigger
3	3.952	0.065	0.036	0.032	0.091		Set Trigger
4	3.862	0.065	0.036	0.031	0.091		Set Trigger
5	3.877	0.064	0.035	0.032	0.090		Set Trigger

3.93

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/18/2006 4:15:38 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591521.__0
FILE DATE AND TIME: 11/06/2006 05:20

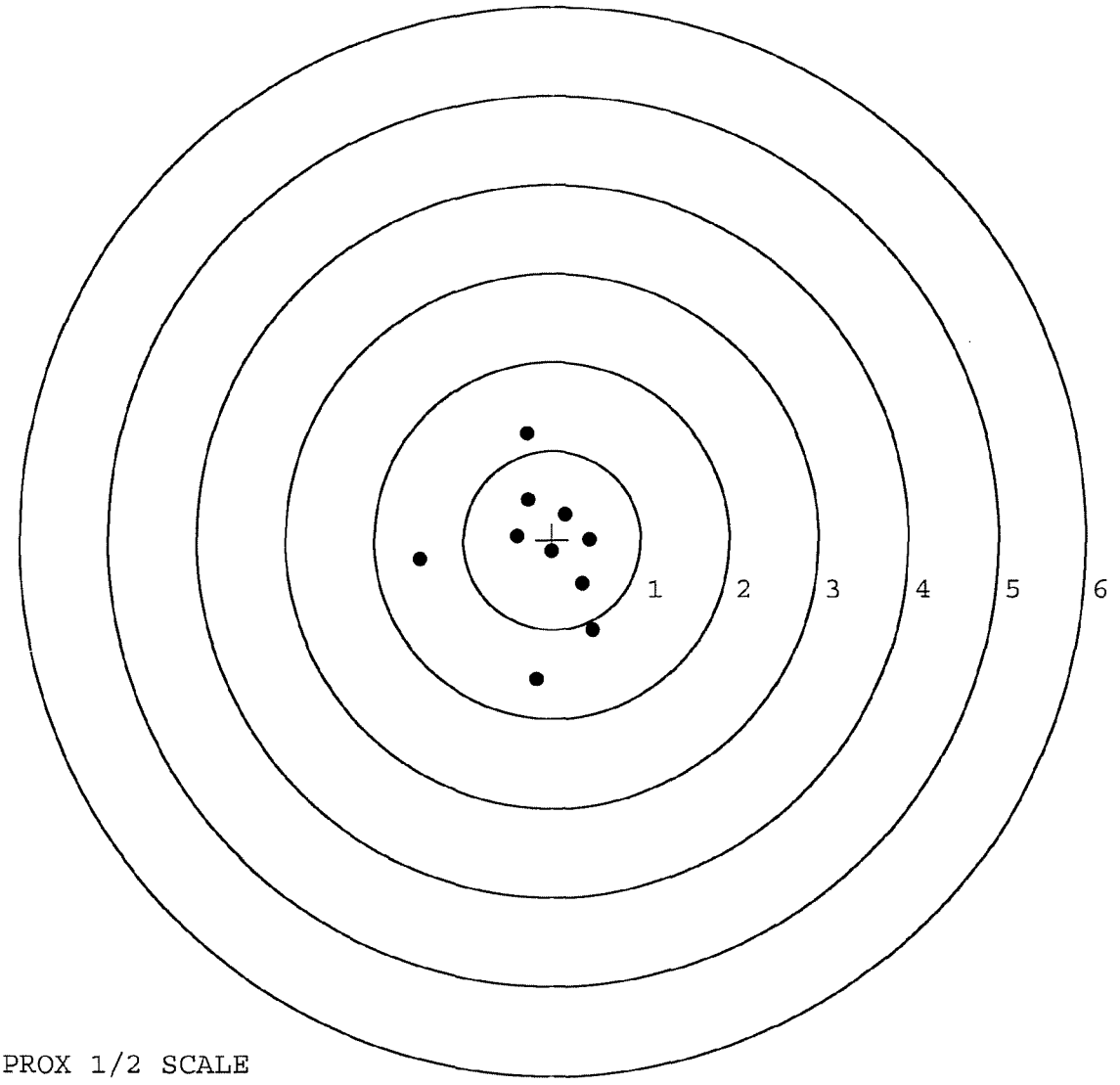
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.011
The Average Y Centroid of the Five Target Set:	-0.064
The Average Point of Impact of the Five Target Set:	0.065
The Average Mean Radius of the Five Target Set:	0.653
The Distance from POA to Centroid Target #1:	0.192
The Distance from Centroid Target #2 to Centroid Target #1:	0.128
The Distance from Centroid Target #3 to Centroid Target #1:	0.247
The Distance from Centroid Target #4 to Centroid Target #1:	0.249
The Distance from Centroid Target #5 to Centroid Target #1:	0.389

SERIAL NUMBER: G6591521.__0
TARGET NUMBER: 1
FILE DATE: 11/06/2006
FILE TIME: 05:20

X CENTROID:	-0.127
Y CENTROID:	-0.144
POA TO CENTROID:	0.192
HORZ SPREAD:	1.941
VERT SPREAD:	2.762
GROUP SPREAD:	2.764
MIN RADIUS:	0.115
MAX RADIUS:	1.428
MEAN RADIUS:	0.790
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.481	-0.223
2:	-0.175	-1.571
3:	0.460	-1.007
4:	0.341	-0.491
5:	-0.012	-0.130
6:	0.419	0.010
7:	0.144	0.287
8:	-0.405	0.042
9:	-0.277	0.453
10:	-0.280	1.191

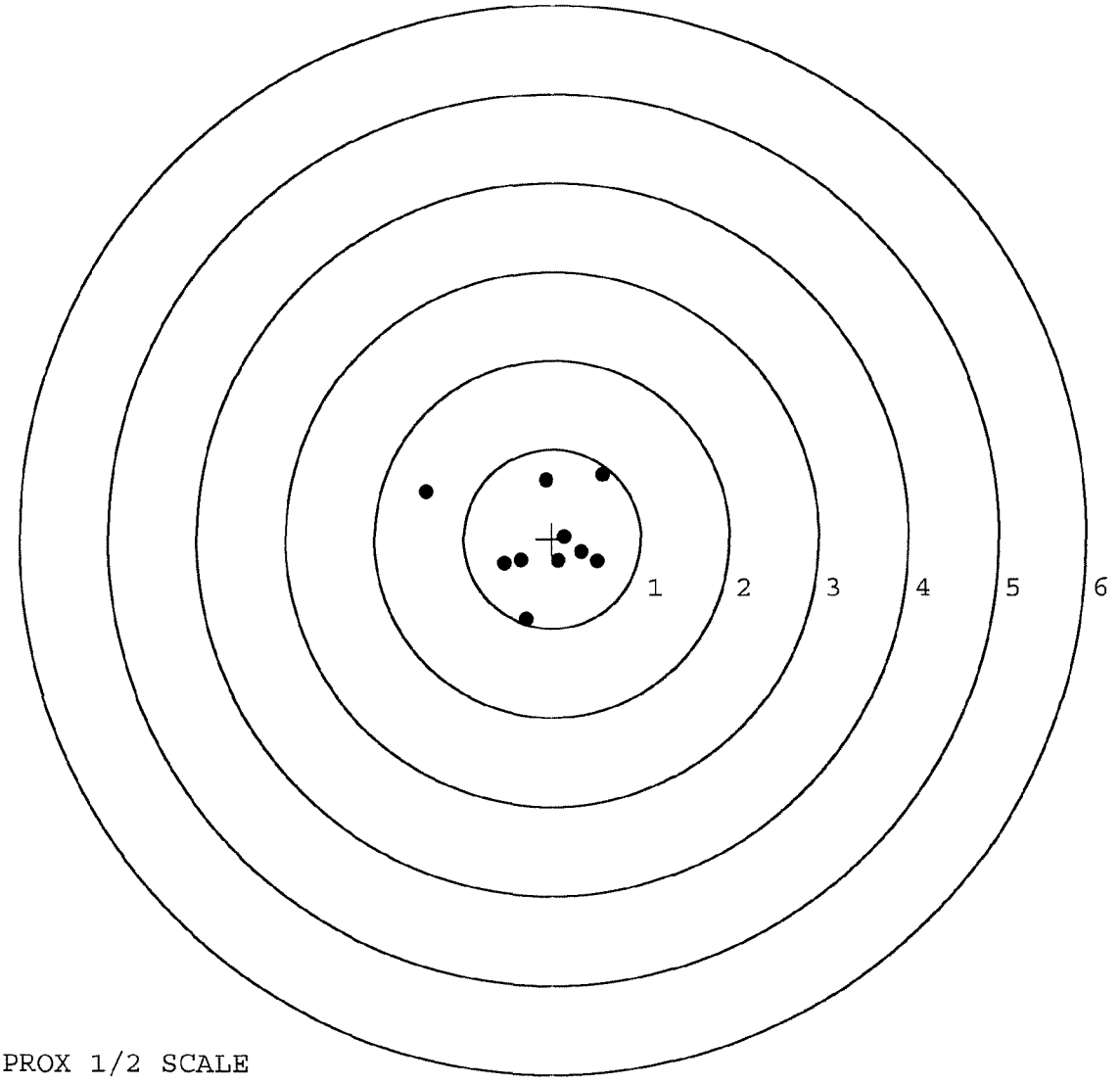


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591521.__0
TARGET NUMBER: 2
FILE DATE: 11/06/2006
FILE TIME: 05:20

X CENTROID:	-0.109
Y CENTROID:	-0.017
POA TO CENTROID:	0.110
HORZ SPREAD:	1.984
VERT SPREAD:	1.616
GROUP SPREAD:	2.085
MIN RADIUS:	0.247
MAX RADIUS:	1.421
MEAN RADIUS:	0.649
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.561	0.714
2:	-0.077	0.654
3:	-1.423	0.522
4:	0.510	-0.260
5:	0.328	-0.152
6:	0.073	-0.249
7:	0.134	0.026
8:	-0.354	-0.245
9:	-0.299	-0.902
10:	-0.541	-0.282

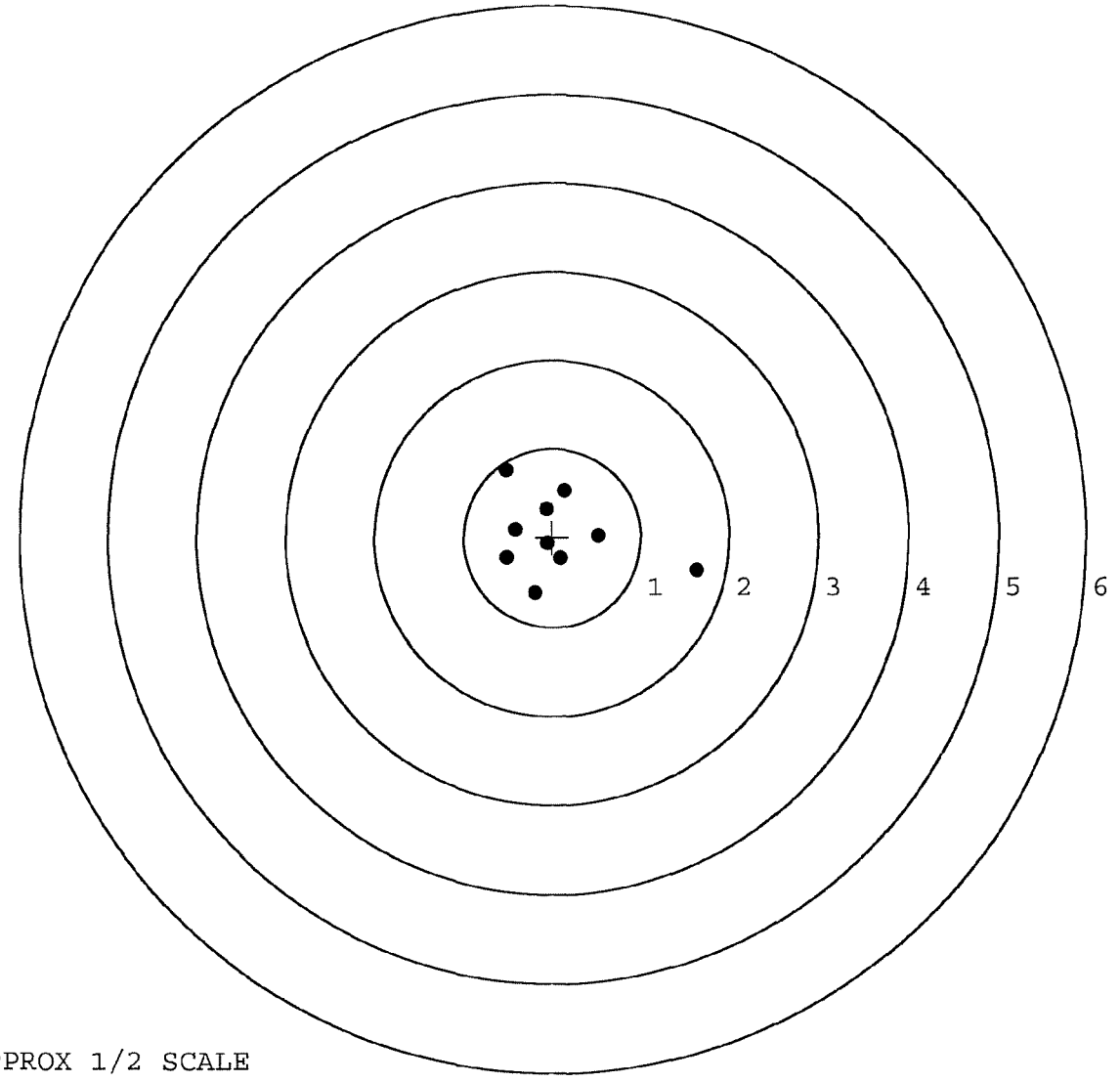


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591521.__0
TARGET NUMBER: 3
FILE DATE: 11/06/2006
FILE TIME: 05:20

X CENTROID:	0.060
Y CENTROID:	0.018
POA TO CENTROID:	0.062
HORZ SPREAD:	2.160
VERT SPREAD:	1.375
GROUP SPREAD:	2.435
MIN RADIUS:	0.145
MAX RADIUS:	1.624
MEAN RADIUS:	0.606
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.636	-0.371
2:	-0.200	-0.621
3:	-0.517	-0.231
4:	-0.422	0.089
5:	-0.524	0.754
6:	0.137	0.522
7:	-0.067	0.317
8:	0.516	0.025
9:	-0.058	-0.067
10:	0.095	-0.239

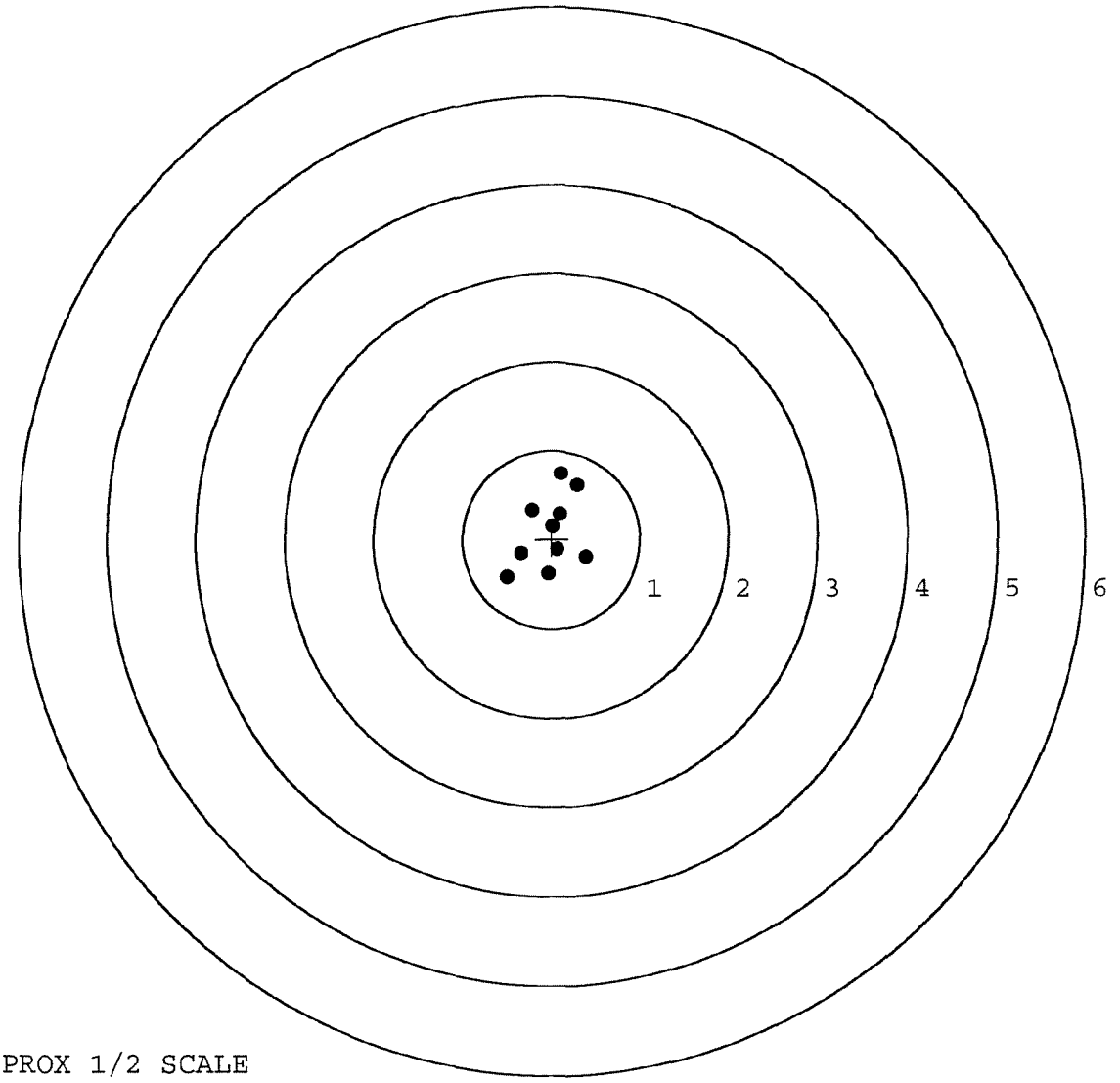


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591521.__0
TARGET NUMBER: 4
FILE DATE: 11/06/2006
FILE TIME: 05:20

X CENTROID:	-0.015
Y CENTROID:	0.079
POA TO CENTROID:	0.080
HORZ SPREAD:	0.894
VERT SPREAD:	1.171
GROUP SPREAD:	1.322
MIN RADIUS:	0.067
MAX RADIUS:	0.707
MEAN RADIUS:	0.419
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.293	0.607
2:	0.108	0.740
3:	0.389	-0.204
4:	-0.505	-0.431
5:	-0.343	-0.164
6:	-0.037	-0.388
7:	0.065	-0.118
8:	-0.224	0.322
9:	0.099	0.283
10:	0.009	0.142

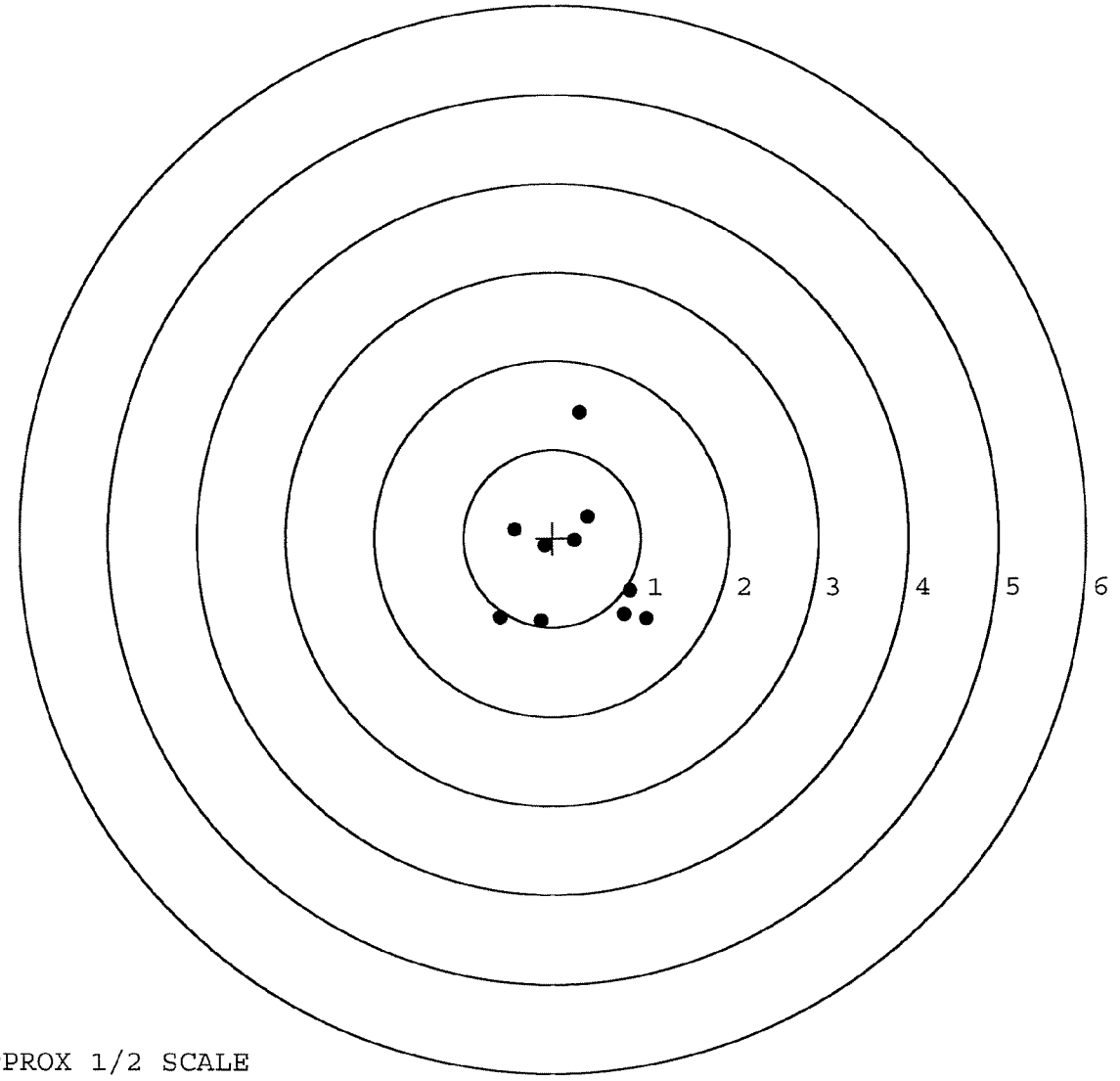


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591521.__0
TARGET NUMBER: 5
FILE DATE: 11/06/2006
FILE TIME: 05:20

X CENTROID:	0.246
Y CENTROID:	-0.257
POA TO CENTROID:	0.356
HORZ SPREAD:	1.659
VERT SPREAD:	2.358
GROUP SPREAD:	2.486
MIN RADIUS:	0.227
MAX RADIUS:	1.676
MEAN RADIUS:	0.799
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.304	1.418
2:	-0.593	-0.900
3:	-0.131	-0.940
4:	0.809	-0.862
5:	0.877	-0.599
6:	0.396	0.242
7:	0.247	-0.030
8:	-0.090	-0.087
9:	-0.428	0.096
10:	1.066	-0.909



TARGET APPROX 1/2 SCALE