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

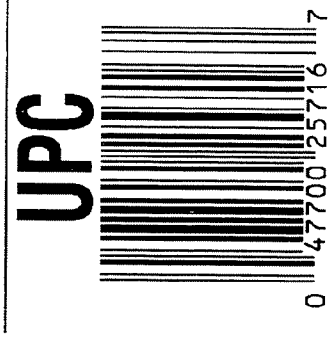
– INSTUCTION BOOK 3518

DD FORM

ORDER NO. **25716**

BARREL LENGTH	24"
CAPACITY	6

G6590166



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 6590166

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-20-06	RTL
420	ASSEMBLE ACTION		9-25-06	RTL
430	ASSEMBLE TO STOCK		9-26-06	DL
440	PROOF		9-25-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED SEP 26 2006	9-25-06	TRW
470	DIS-ASSEMBLE ACTION		9-25-06	RTL
480	MAGNAFLUX BBL ACTION	OPERATOR	9/26/06	
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-27-06	CW
510	DRILL AND TAP SIGHT HOLES		9-26-06	TRW
520	GOFF BLAST BBL / REC		9-28-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/29/06	
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		10-2-06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-2-06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-2-06	DA
	D) OIL FIRING PIN ASSEMBLY		10-4-06	RTL
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/6/06	

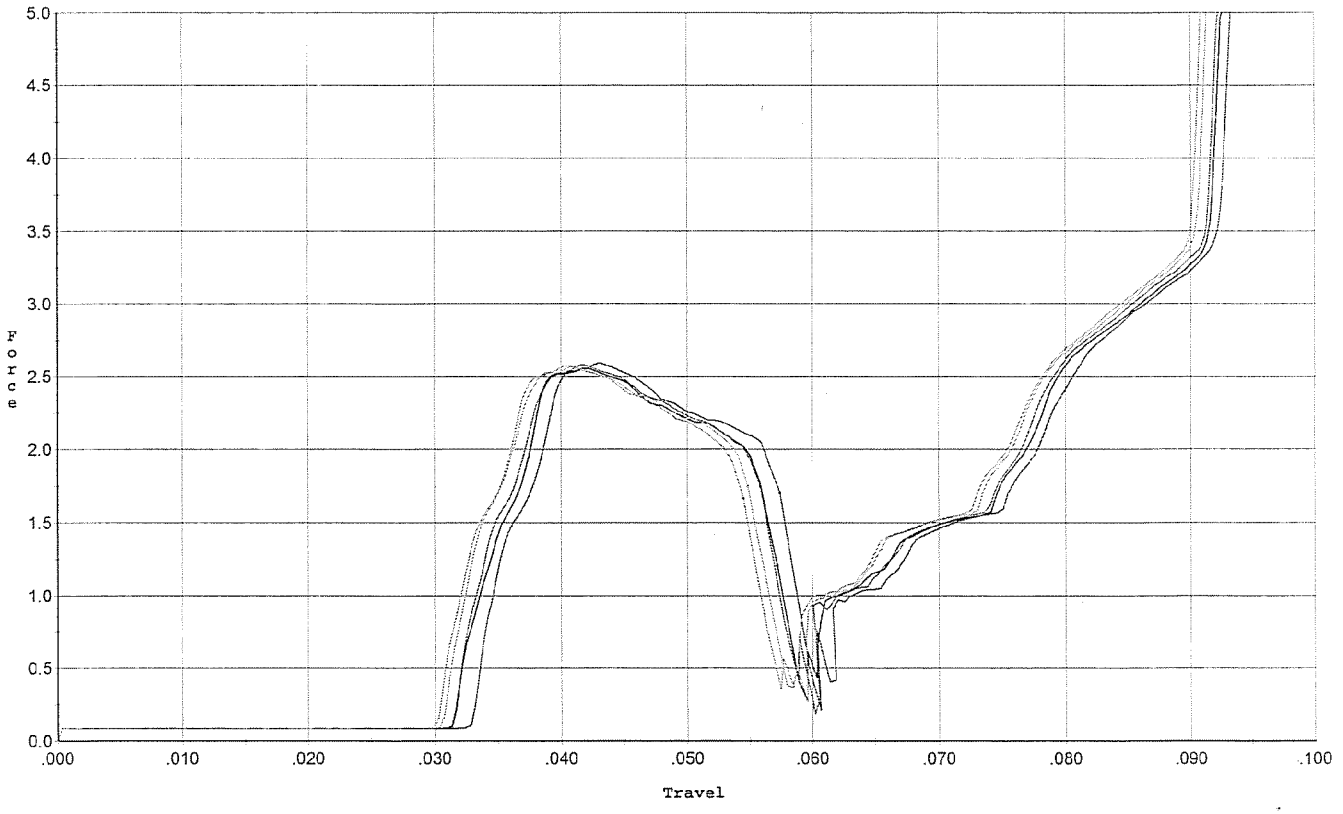
F004 REV 5/2006

OP # BARBER-M24 0165921		READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX]	6.0 6.0 6.0	10/9/06	FM
CONT.	G) SAFETY OFF FORCE [2 LBS MIN]	3.0 3.0 3.0	10/9/06	FM
	H) TRIGGER PULL TEST AND RETAINABILITY		10/9/06	MDH
	I) FIRING PIN INDENT [.020 MIN]	.023 .023 .023	10/9/06	FM
	J) ASSEMBLE STOCK		10-4-06	RTR
	K) ASSEMBLE SWIVEL STUDS		10/9/06	MDH
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-4-06	RTR
	M) IRON SIGHT ALIGNMENT		10-4-06	RTR
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-4-06	RTR
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	10-5-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10-5-06	DK
670	FINAL INSPECTION A) HEADSPACE		10/9/06	MDH
	B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS]	2.27 2.25 2.28 2.28 2.33	10.9.06	DA
	C) FUNCTION		10/9/06	MDH
690	PACK		11/6/06	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 ini.
Note:	R. Putch 10/03/06		



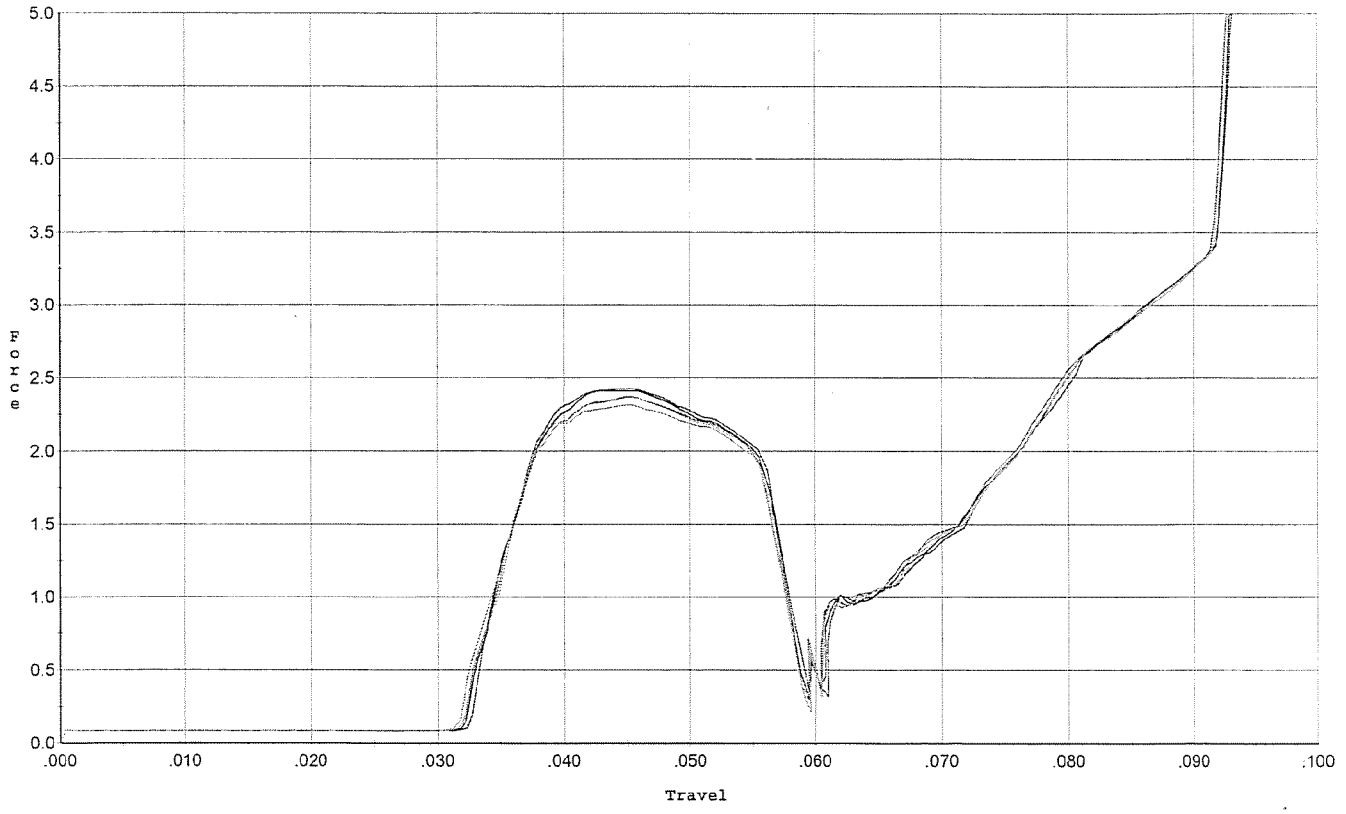
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.593	0.057	0.033	0.039	0.054		Set Trigger
2	2.558	0.057	0.032	0.040	0.054		Set Trigger
3	2.582	0.056	0.032	0.040	0.053		Set Trigger
4	2.569	0.055	0.031	0.040	0.053		Set Trigger
5	2.573	0.054	0.030	0.040	0.053		Set Trigger

AVE 2.57

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/3/2006 2:41:28 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 after 50 cycles
Note:	R. Putch 10/03/06		



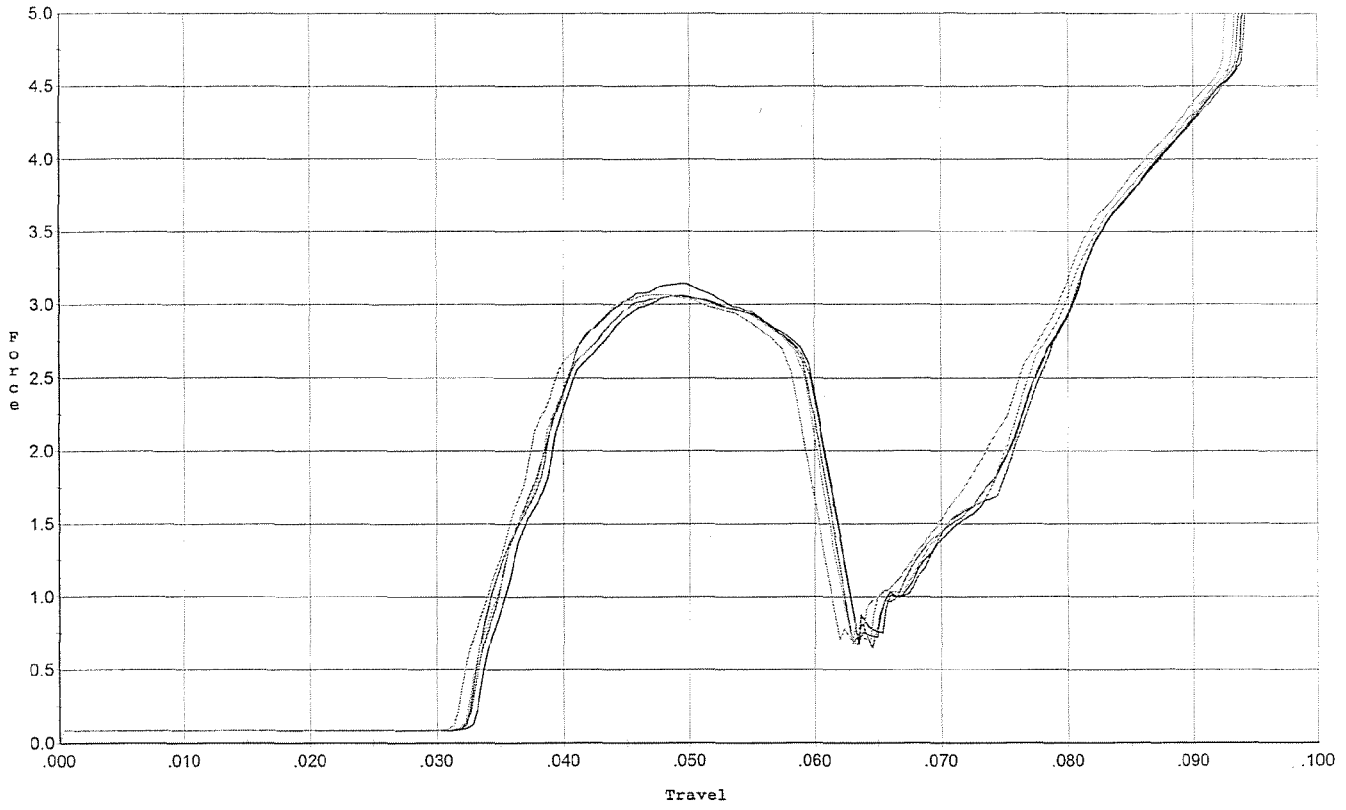
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.427	0.056	0.033	0.040	0.051		Set Trigger
2	2.415	0.056	0.032	0.041	0.051		Set Trigger
3	2.370	0.057	0.032	0.040	0.051		Set Trigger
4	2.315	0.057	0.032	0.041	0.050		Set Trigger
5	2.374	0.057	0.032	0.040	0.052		Set Trigger

AVE 2.38

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/3/2006 2:44:59 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 ini.
Note:	R. Putch 10/03/06		



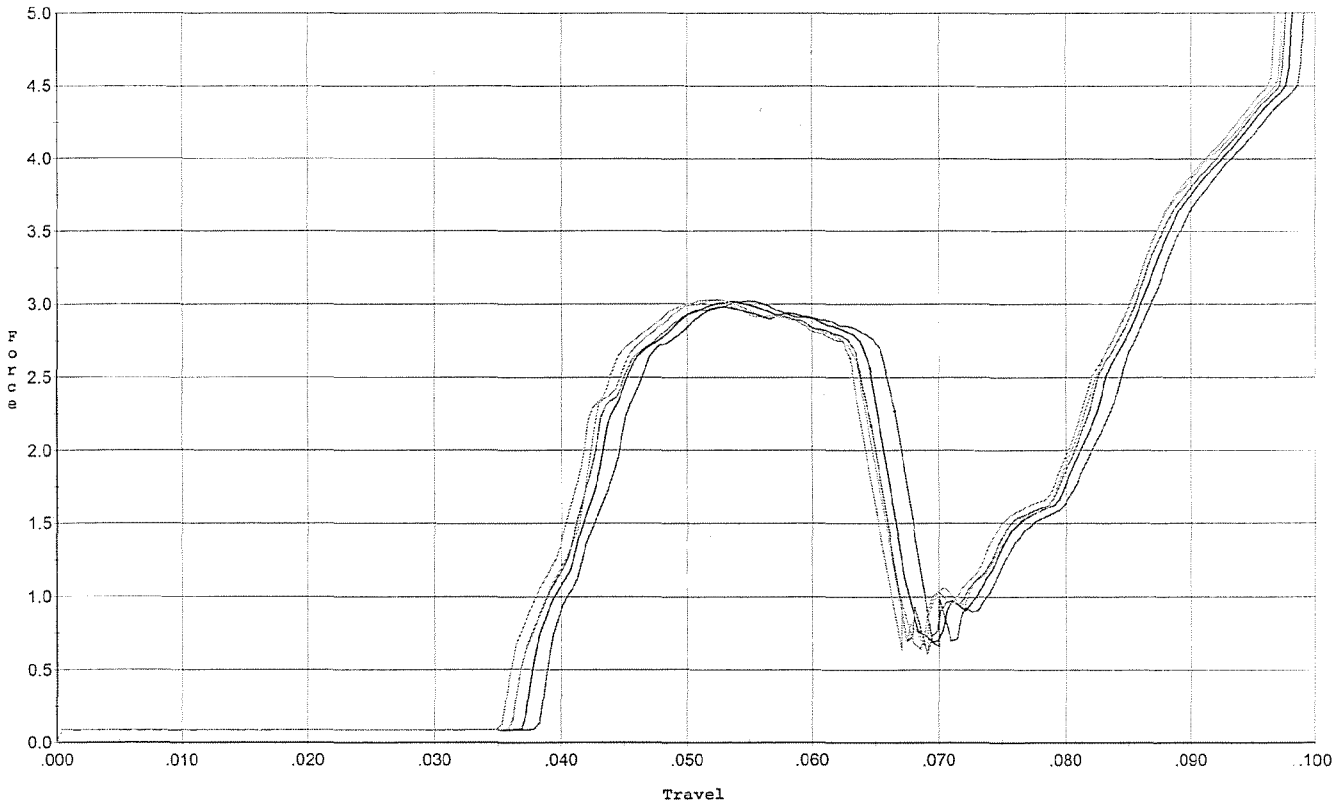
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.142	0.062	0.033	0.037	0.075		Set Trigger
2	3.061	0.061	0.033	0.038	0.072		Set Trigger
3	3.057	0.060	0.033	0.037	0.071		Set Trigger
4	3.055	0.059	0.033	0.038	0.070		Set Trigger
5	3.069	0.060	0.032	0.037	0.072		Set Trigger

AVE 3.07

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/3/2006 2:49:33 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 after 20 cycles
Note:	R. Putch 10/03/06		



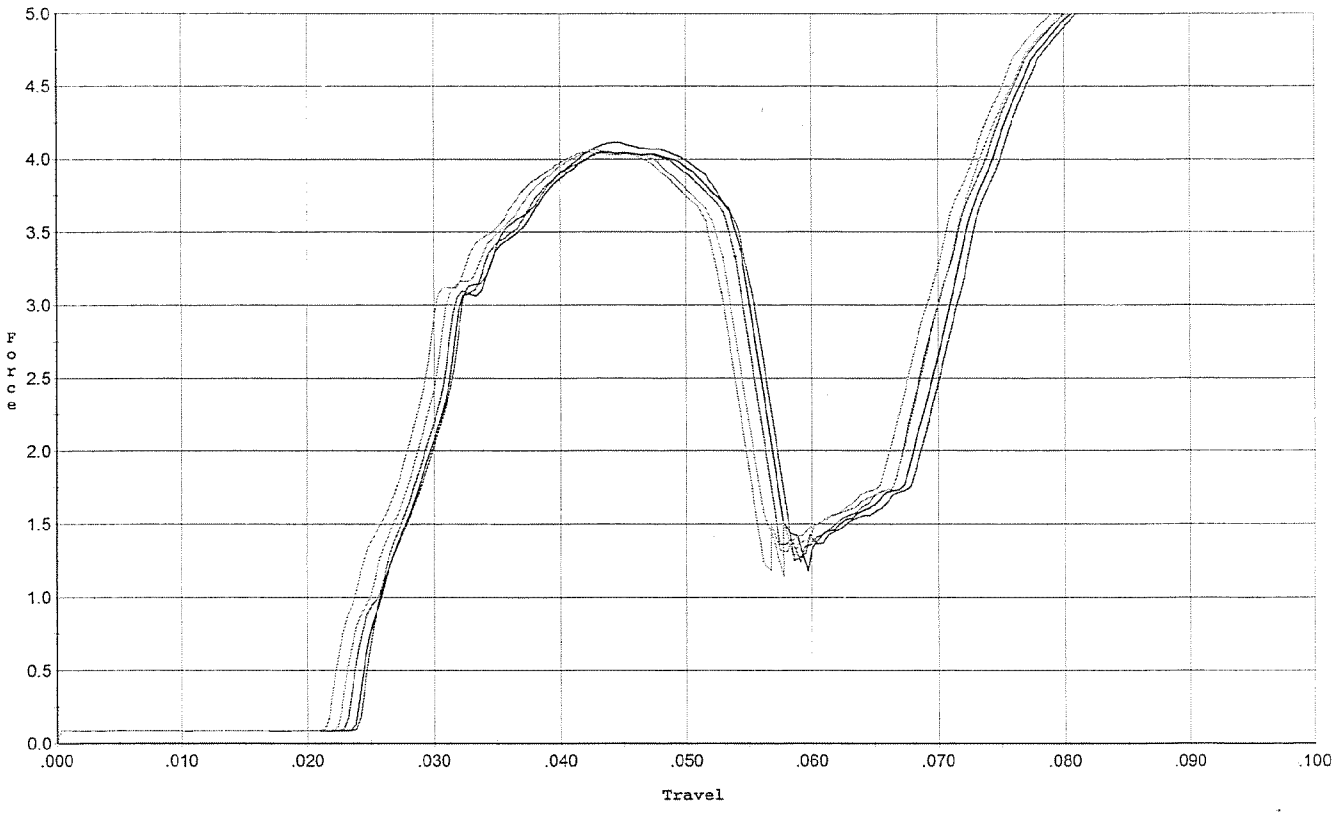
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.020	0.067	0.039	0.039	0.073		Set Trigger
2	3.016	0.065	0.037	0.038	0.072		Set Trigger
3	2.981	0.065	0.036	0.038	0.072		Set Trigger
4	3.030	0.064	0.036	0.038	0.071		Set Trigger
5	3.026	0.063	0.036	0.038	0.071		Set Trigger

AVE 3.01

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/3/2006 2:52:37 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 ini.
Note:	R. Putch 10/03/06		



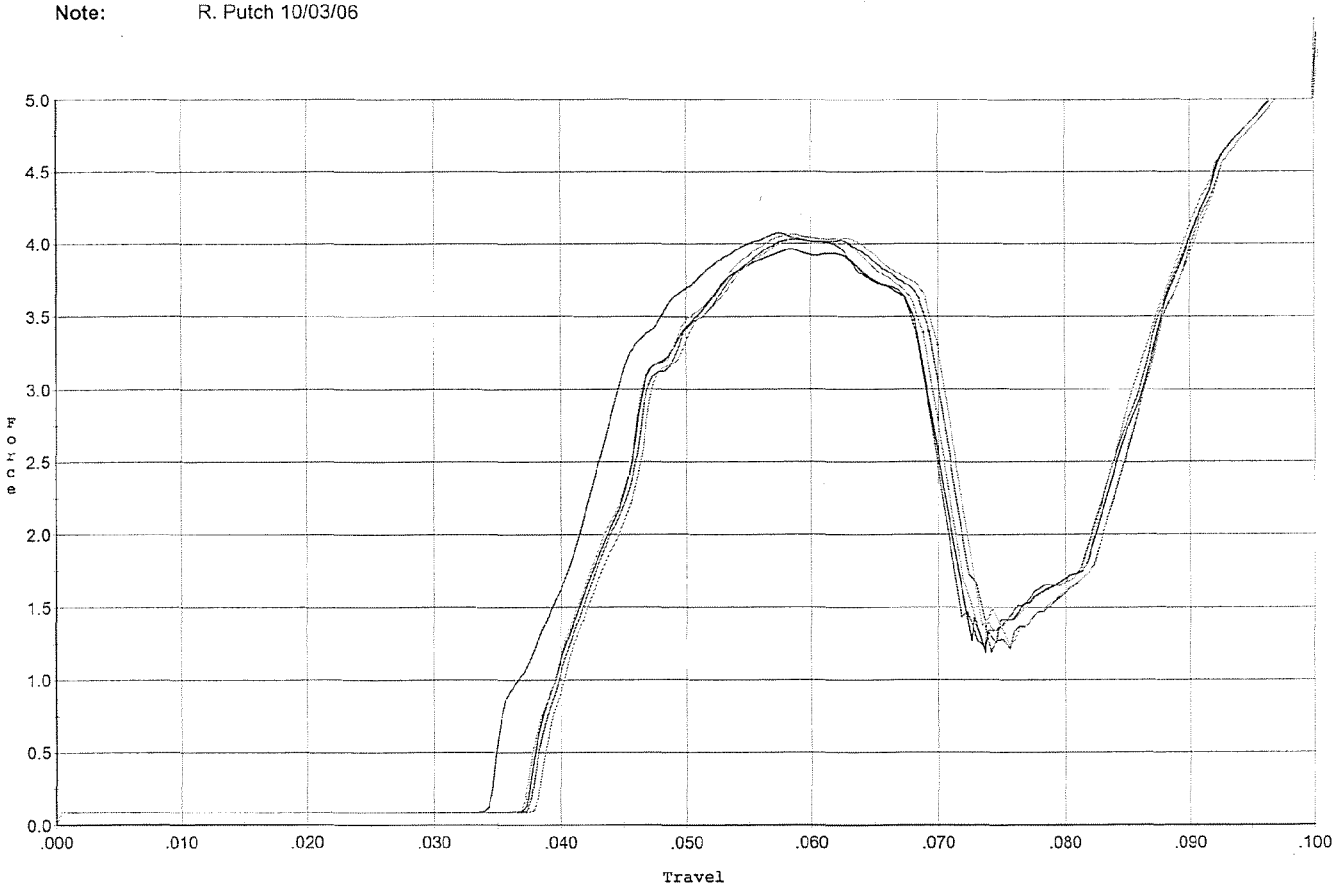
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.114	0.055	0.024	0.032	0.102		Set Trigger
2	4.051	0.054	0.024	0.031	0.099		Set Trigger
3	4.043	0.054	0.023	0.031	0.099		Set Trigger
4	4.063	0.053	0.023	0.031	0.097		Set Trigger
5	4.047	0.053	0.022	0.031	0.099		Set Trigger

AVE 4.06

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/3/2006 3:00:10 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 after 20 cycles
Note:	R. Putch 10/03/06		



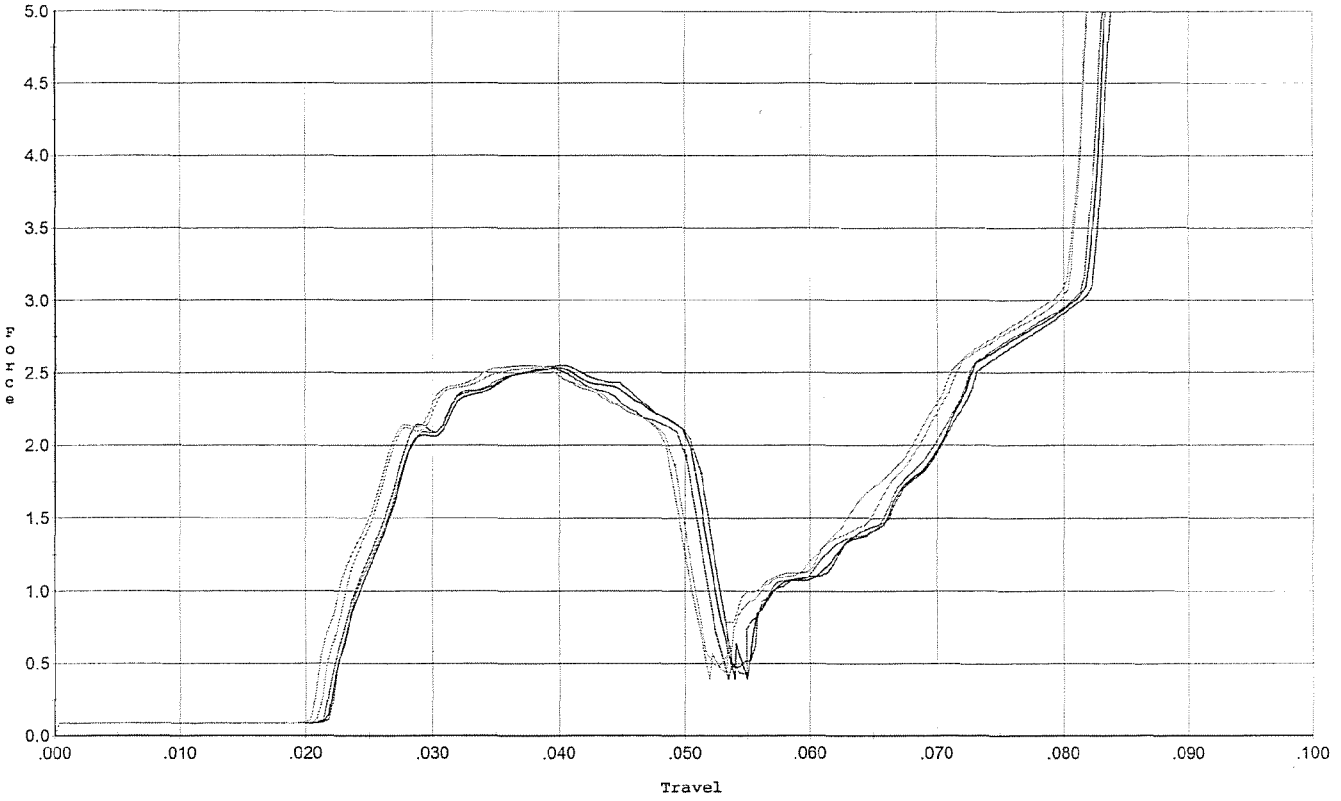
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.074	0.068	0.035	0.035	0.111		Set Trigger
2	3.964	0.068	0.038	0.036	0.100		Set Trigger
3	4.028	0.069	0.038	0.035	0.104		Set Trigger
4	4.050	0.070	0.038	0.035	0.105		Set Trigger
5	4.062	0.069	0.037	0.035	0.104		Set Trigger

AVE 4.03

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/3/2006 3:02:11 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	reset to 2.5
Note:	R. Putch 10/03/06		



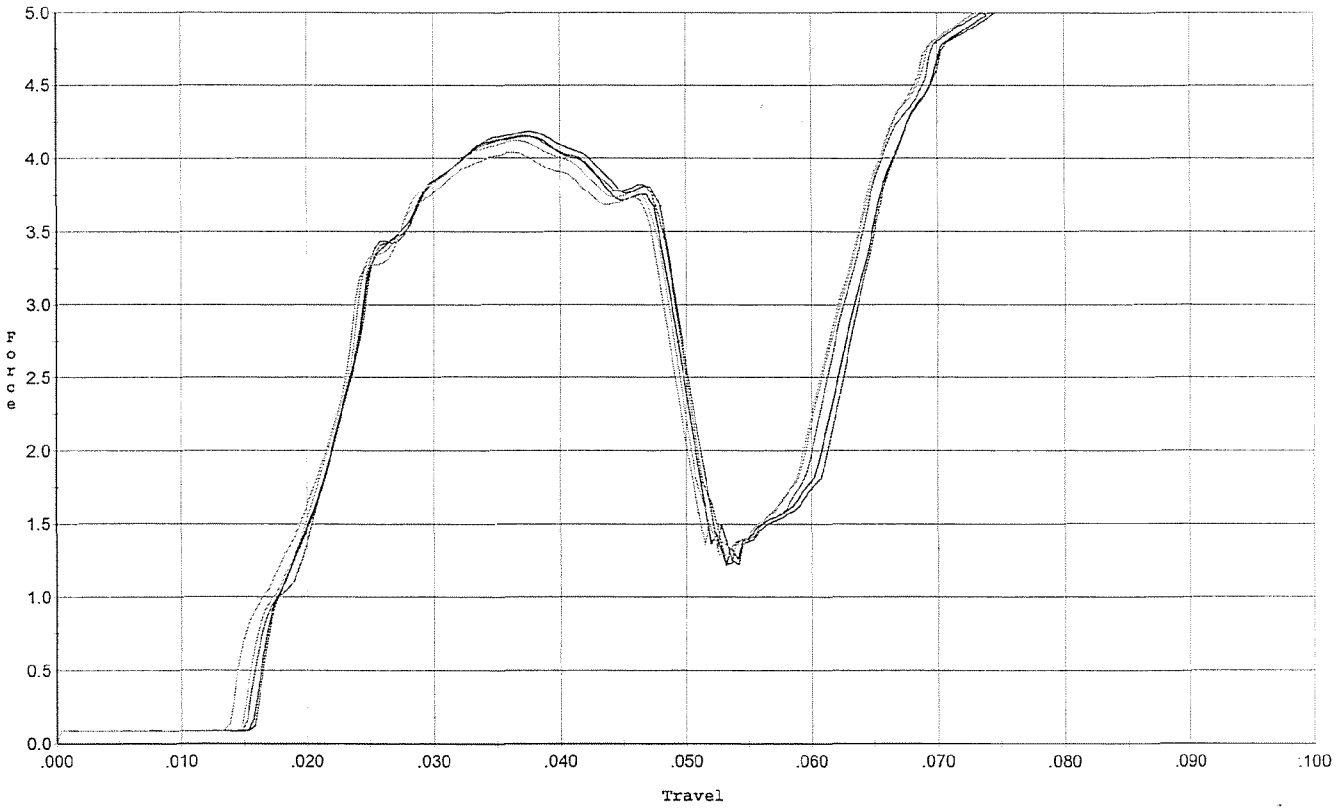
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.553	0.051	0.022	0.036	0.063		Set Trigger
2	2.536	0.051	0.022	0.036	0.061		Set Trigger
3	2.526	0.050	0.022	0.036	0.060		Set Trigger
4	2.537	0.049	0.021	0.036	0.060		Set Trigger
5	2.551	0.048	0.021	0.037	0.060		Set Trigger

AVE 2.54

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

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	set to 4.0 for tar. & acc.
Note:	R. Putch 10/03/06		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.185	0.048	0.016	0.029	0.105		Set Trigger
2	4.150	0.049	0.016	0.029	0.107		Set Trigger
3	4.155	0.048	0.015	0.028	0.105		Set Trigger
4	4.122	0.048	0.015	0.028	0.104		Set Trigger
5	4.040	0.047	0.014	0.028	0.102		Set Trigger

AVE 4.13

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/3/2006 3:10:52 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590166.__0
FILE DATE AND TIME: 10/06/2006 00:48

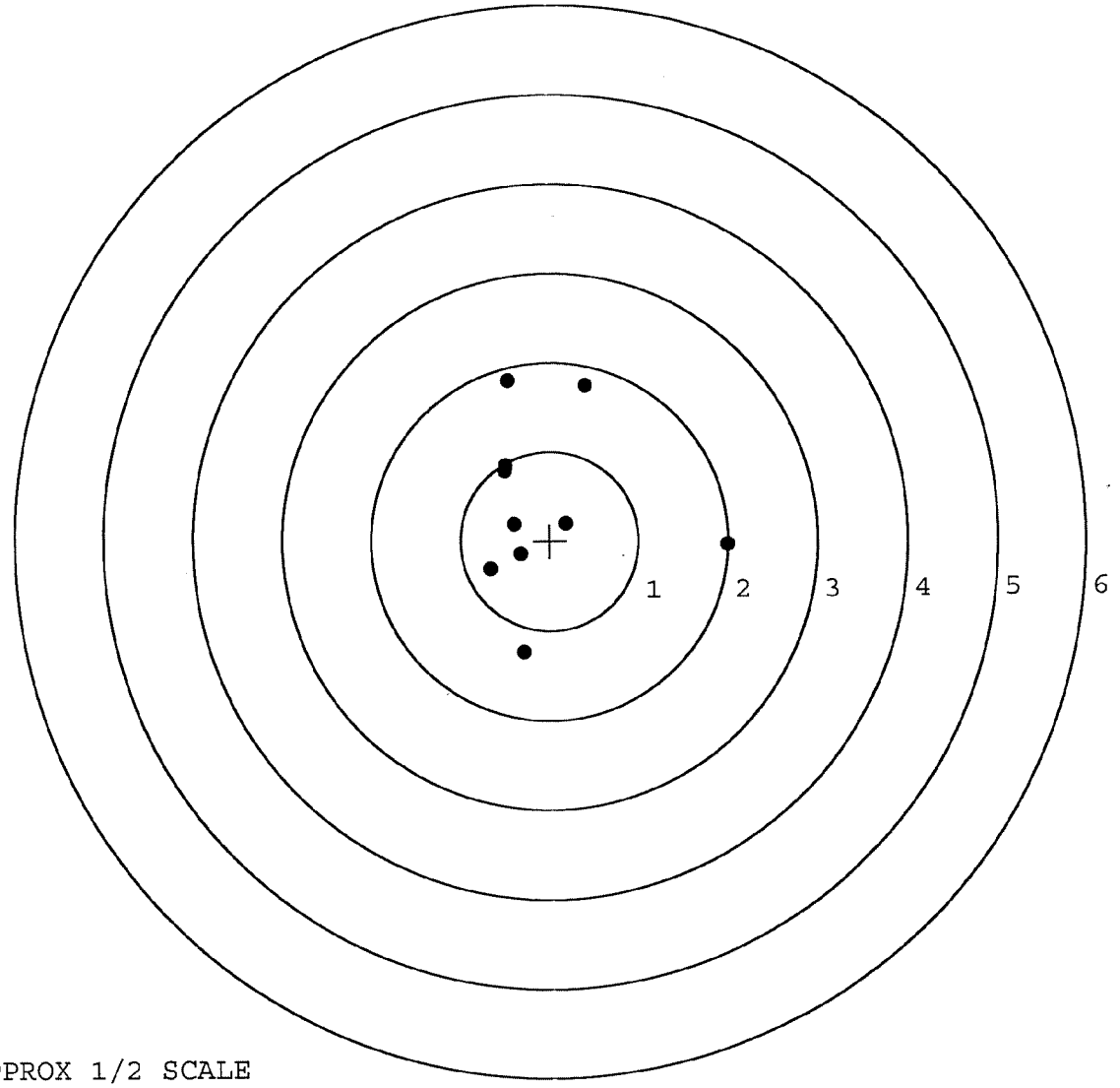
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.155
The Average Y Centroid of the Five Target Set:	0.080
The Average Point of Impact of the Five Target Set:	0.175
The Average Mean Radius of the Five Target Set:	0.728
The Distance from POA to Centroid Target #1:	0.382
The Distance from Centroid Target #2 to Centroid Target #1:	0.446
The Distance from Centroid Target #3 to Centroid Target #1:	0.419
The Distance from Centroid Target #4 to Centroid Target #1:	0.505
The Distance from Centroid Target #5 to Centroid Target #1:	0.224

SERIAL NUMBER: G6590166.__0
TARGET NUMBER: 1
FILE DATE: 10/06/2006
FILE TIME: 00:48

X CENTROID:	-0.058
Y CENTROID:	0.377
POA TO CENTROID:	0.382
HORZ SPREAD:	2.666
VERT SPREAD:	3.045
GROUP SPREAD:	3.083
MIN RADIUS:	0.302
MAX RADIUS:	2.102
MEAN RADIUS:	1.011
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.667	-0.314
2:	-0.332	-0.150
3:	-0.404	0.185
4:	-0.496	0.842
5:	0.180	0.192
6:	-0.306	-1.246
7:	1.999	-0.055
8:	-0.501	0.783
9:	0.410	1.735
10:	-0.464	1.799

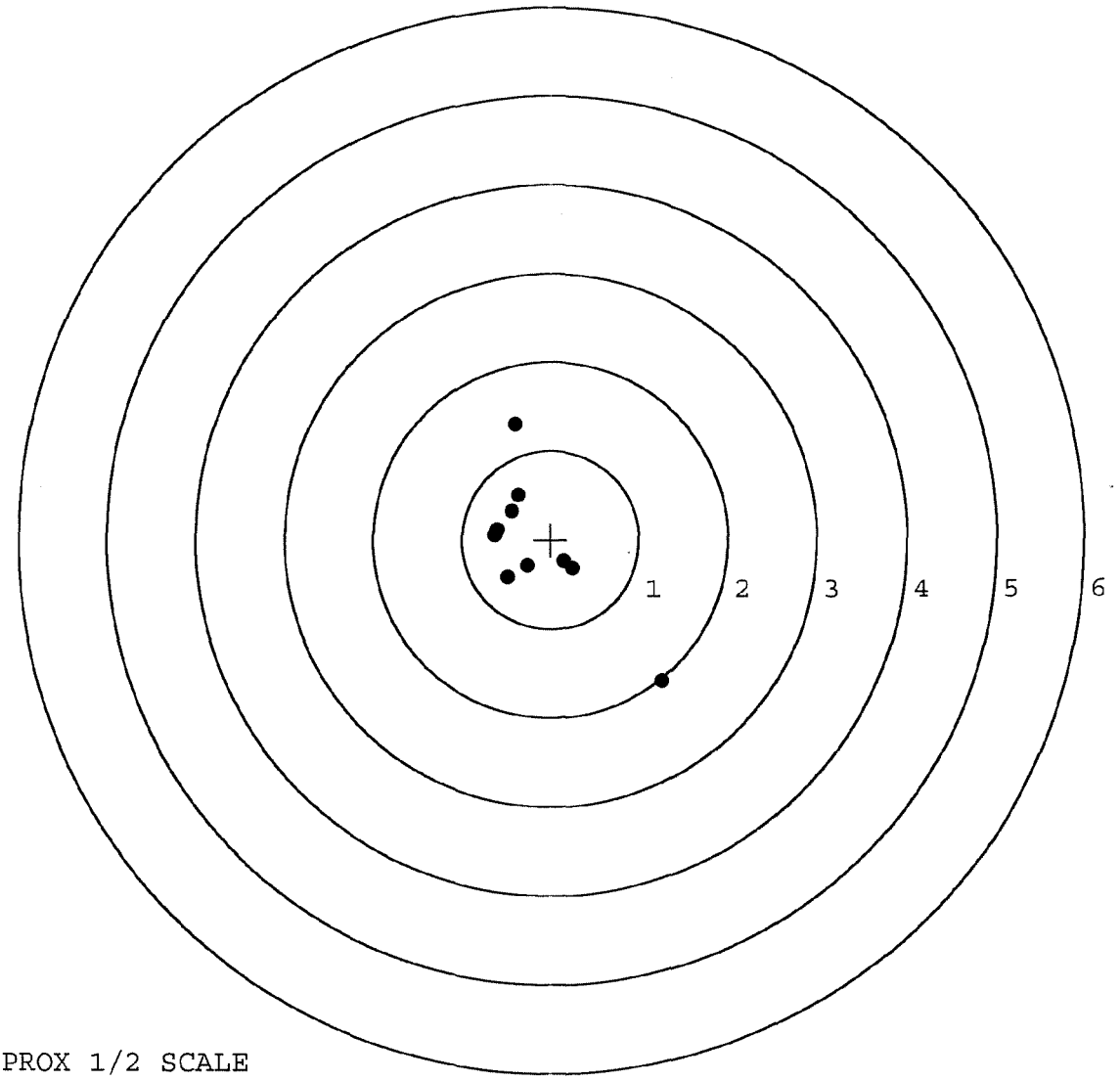


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590166.__0
TARGET NUMBER: 2
FILE DATE: 10/06/2006
FILE TIME: 00:48

X CENTROID:	-0.155
Y CENTROID:	-0.058
POA TO CENTROID:	0.166
HORZ SPREAD:	1.899
VERT SPREAD:	2.893
GROUP SPREAD:	3.339
MIN RADIUS:	0.263
MAX RADIUS:	2.092
MEAN RADIUS:	0.713
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.368	0.504
2:	-0.442	0.321
3:	-0.636	0.059
4:	-0.493	-0.426
5:	-0.263	-0.298
6:	0.152	-0.237
7:	0.247	-0.323
8:	1.263	-1.596
9:	-0.405	1.297
10:	-0.609	0.118

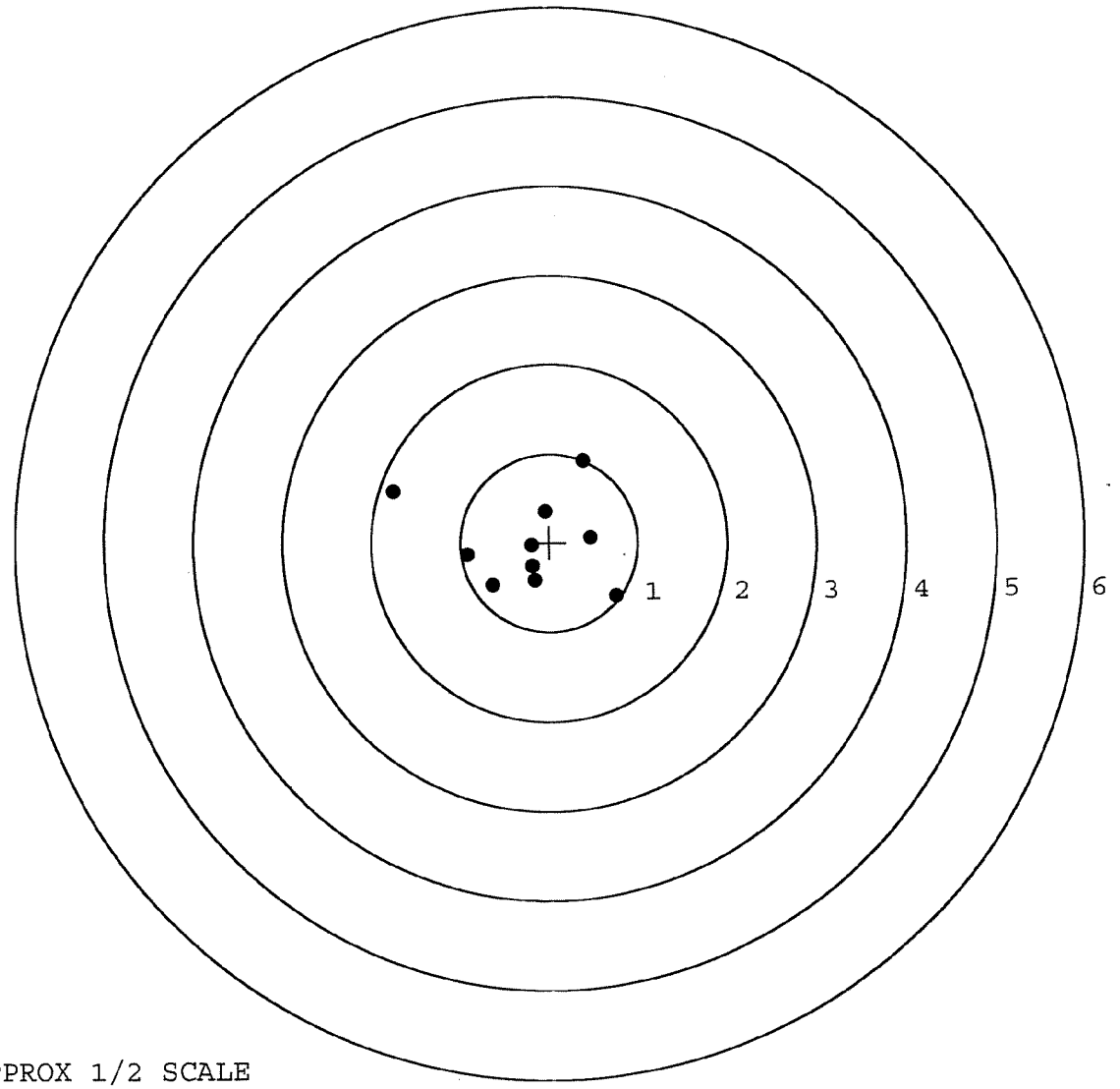


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590166.__0
TARGET NUMBER: 3
FILE DATE: 10/06/2006
FILE TIME: 00:48

X CENTROID:	-0.234
Y CENTROID:	-0.003
POA TO CENTROID:	0.234
HORZ SPREAD:	2.498
VERT SPREAD:	1.527
GROUP SPREAD:	2.769
MIN RADIUS:	0.048
MAX RADIUS:	1.626
MEAN RADIUS:	0.706
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.750	-0.606
2:	0.463	0.059
3:	0.382	0.921
4:	-0.048	0.351
5:	-0.201	-0.039
6:	-0.198	-0.269
7:	-0.172	-0.427
8:	-0.645	-0.474
9:	-0.921	-0.139
10:	-1.748	0.589

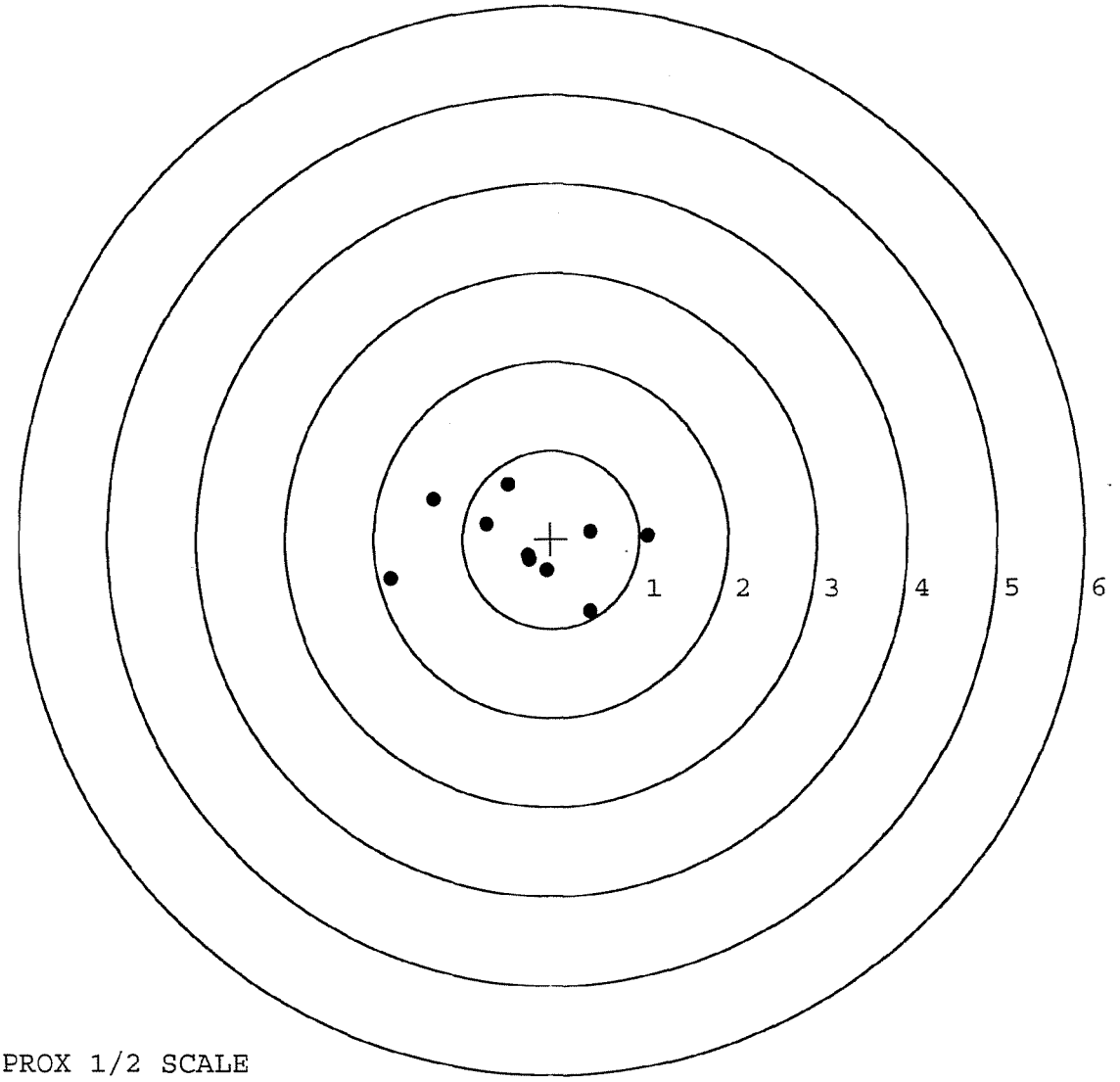


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590166.__0
TARGET NUMBER: 4
FILE DATE: 10/06/2006
FILE TIME: 00:48

X CENTROID:	-0.294
Y CENTROID:	-0.069
POA TO CENTROID:	0.302
HORZ SPREAD:	2.908
VERT SPREAD:	1.431
GROUP SPREAD:	2.948
MIN RADIUS:	0.123
MAX RADIUS:	1.565
MEAN RADIUS:	0.779
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.444	-0.812
2:	1.096	0.036
3:	0.443	0.083
4:	-0.053	-0.356
5:	-0.251	-0.236
6:	-1.812	-0.450
7:	-1.326	0.446
8:	-0.490	0.619
9:	-0.729	0.169
10:	-0.266	-0.189

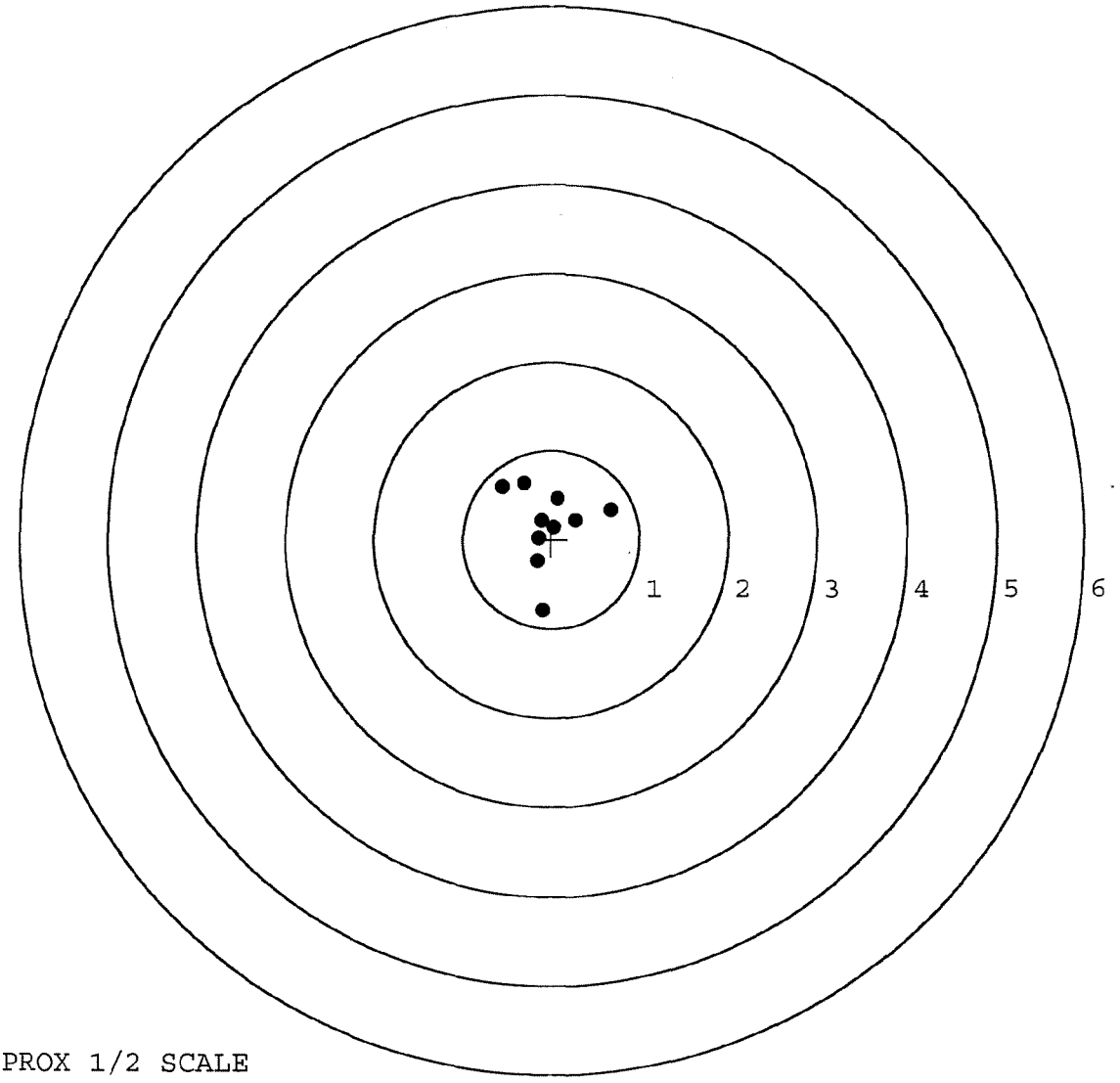


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590166.__0
TARGET NUMBER: 5
FILE DATE: 10/06/2006
FILE TIME: 00:48

X CENTROID:	-0.034
Y CENTROID:	0.154
POA TO CENTROID:	0.158
HORZ SPREAD:	1.228
VERT SPREAD:	1.434
GROUP SPREAD:	1.466
MIN RADIUS:	0.069
MAX RADIUS:	0.960
MEAN RADIUS:	0.431
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.555	0.591
2:	-0.312	0.630
3:	0.673	0.328
4:	0.067	0.460
5:	0.271	0.217
6:	0.032	0.135
7:	-0.110	0.210
8:	-0.143	0.016
9:	-0.160	-0.244
10:	-0.104	-0.804



TARGET APPROX 1/2 SCALE