Cover sheet

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

– INSTUCTION BOOK 3518

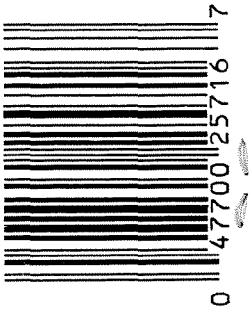
DD FORM

ORDER NO. 25716

BARREL LENGTH	24"
CAPACITY	6

G6605432

UPC



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

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6605432

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-13-06	RTC
420	ASSEMBLE ACTION		10-13-06	RTC
430	ASSEMBLE TO STOCK		10.16.06	WC
440	PROOF		10-16-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	10-16-06	TRW
470	DIS-ASSEMBLE ACTION	OCT 17 2006	10-16-06	RTC
480	MAGNAFLUX BBL ACTION	OPERATOR APD	10-17-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-17-06	CW
510	DRILL AND TAP SIGHT HOLES		10-16-06	SD
520	GOFF BLAST BBL / REC		10-18-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/24/06	
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		11-8-06	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-8-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-8-06	SD
	D) OIL FIRING PIN ASSEMBLY		11-27-06	BLG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

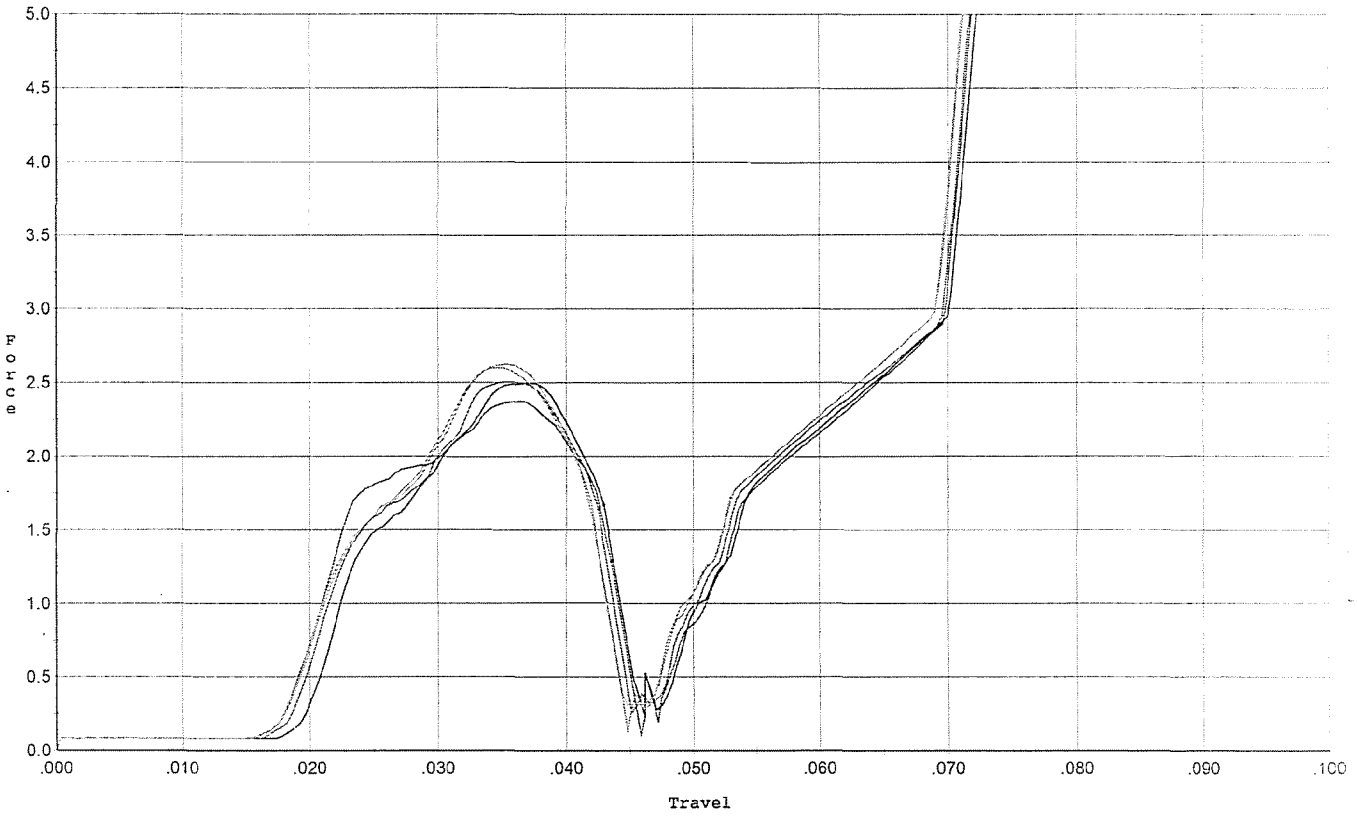
F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX]	7.0 7.0 6.5	11/29/06	DA
CONT.	G) SAFETY OFF FORCE [2 LBS MIN]	3.0 3.0 3.0	11/29/06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT [.020 MIN]	.026 .026 .026	11/29/06	DA
	J) ASSEMBLE STOCK		11-27-06	BLG
	K) ASSEMBLE SWIVEL STUDS		12-6-06	BLG
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-6-06	BLG
	M) IRON SIGHT ALIGNMENT		12-6-06	BLG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-6-06	BLG
640 &	FUNCTION TEST AND	(PASS) FAIL		
650	TARGET	(PASS) FAIL	11-28-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		11-28-06	RP
670	FINAL INSPECTION A) HEADSPACE		12-6-06	BLG
	B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS]	2.44 2.33 2.30 2.36 2.32	11/29/06	DA
	C) FUNCTION		12-6-06	BLG
690	PACK		12806	DA

N/A

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 11/21/06		



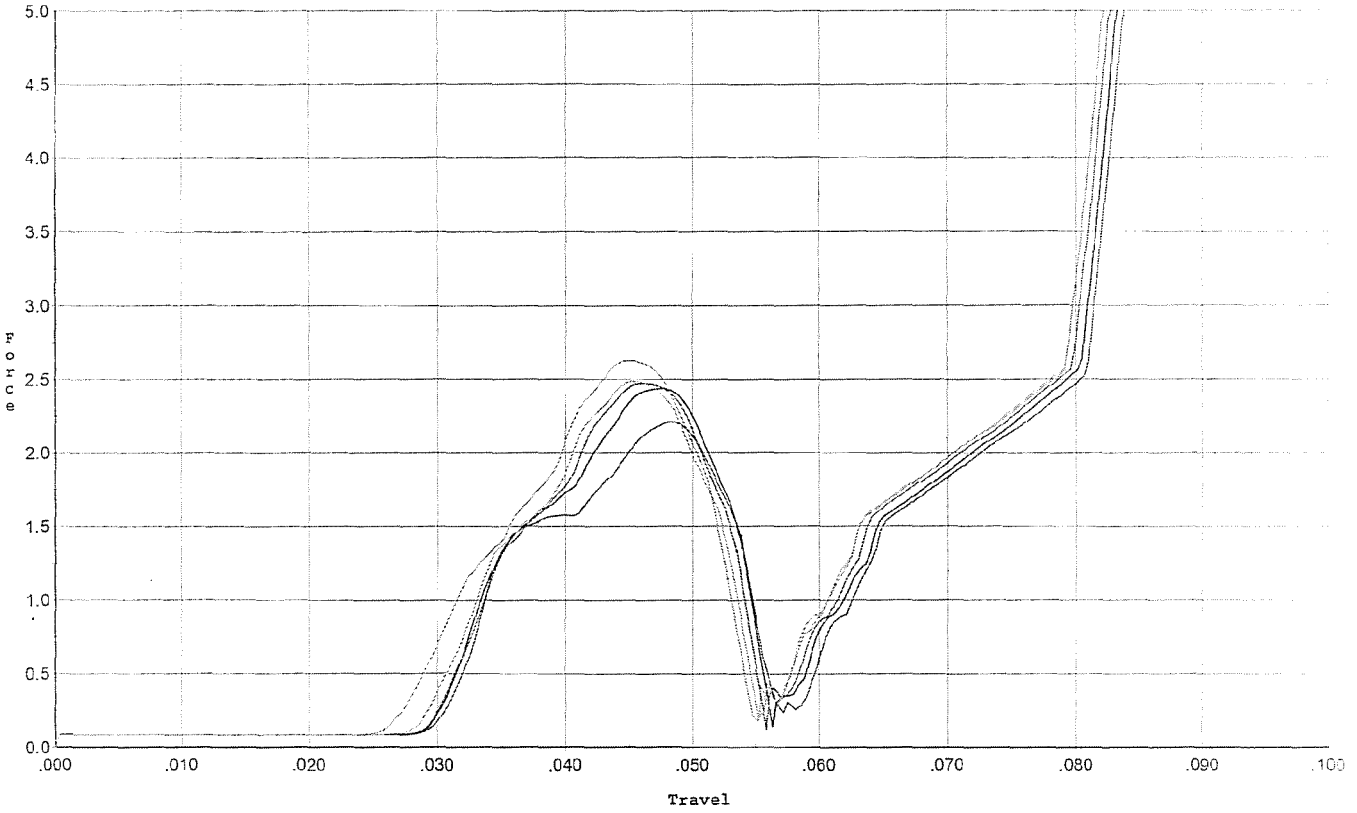
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.374	0.044	0.018	0.034	0.047		Set Trigger
2	2.498	0.043	0.020	0.033	0.044		Set Trigger
3	2.501	0.043	0.019	0.033	0.045		Set Trigger
4	2.620	0.042	0.018	0.033	0.046		Set Trigger
5	2.601	0.042	0.018	0.033	0.046		Set Trigger

2.52 Avg

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/21/2006 6:49:38 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 11/21/06		



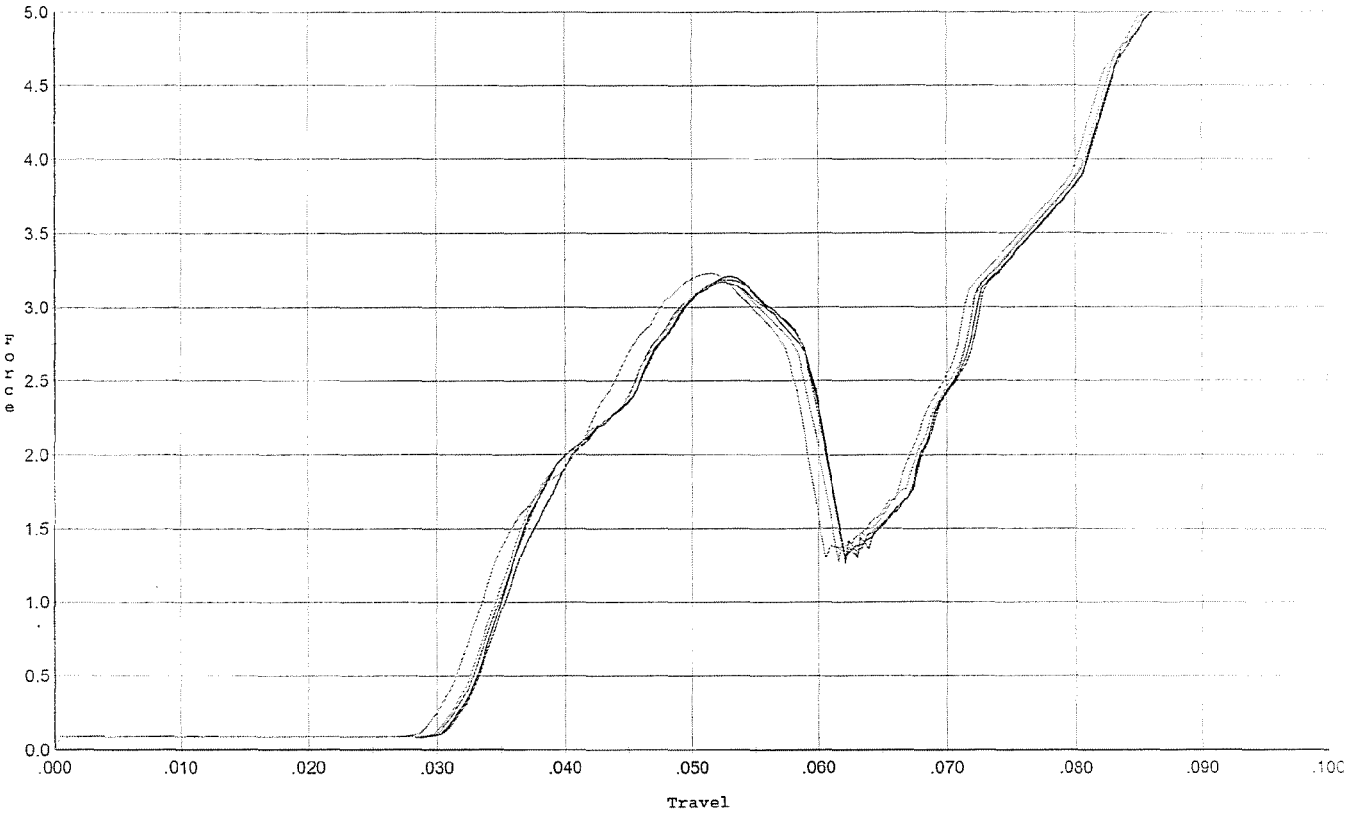
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.210	0.054	0.031	0.036	0.040		Set Trigger
2	2.437	0.054	0.030	0.035	0.044		Set Trigger
3	2.472	0.053	0.030	0.035	0.043		Set Trigger
4	2.488	0.053	0.029	0.035	0.043		Set Trigger
5	2.627	0.053	0.028	0.036	0.047		Set Trigger

2.4≤ Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/21/2006 6:52:43 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 11/21/06		



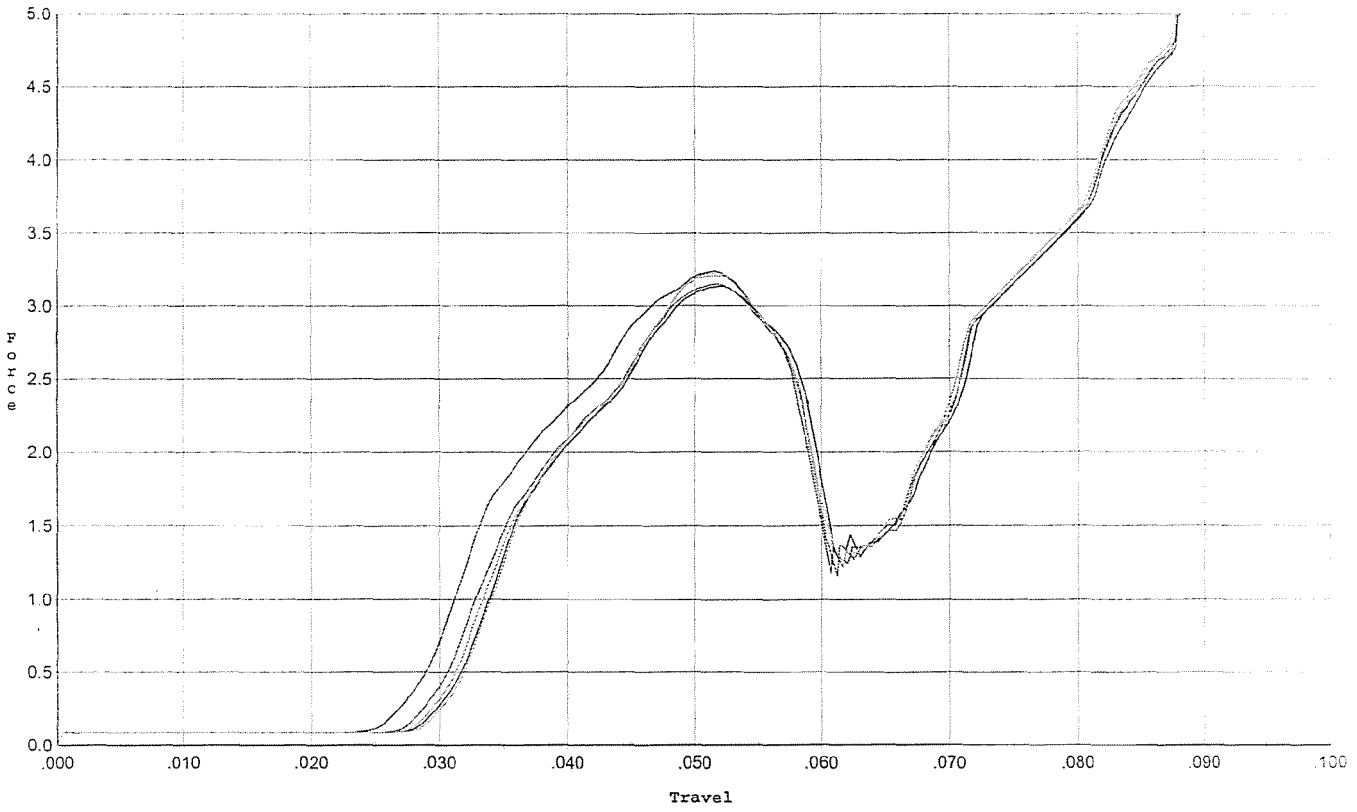
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.184	0.060	0.032	0.034	0.067		Set Trigger
2	3.207	0.060	0.032	0.034	0.068		Set Trigger
3	3.170	0.060	0.032	0.033	0.068		Set Trigger
4	3.174	0.060	0.031	0.033	0.067		Set Trigger
5	3.229	0.058	0.031	0.033	0.067		Set Trigger

3.19 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/21/2006 6:56:25 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 11/21/06		



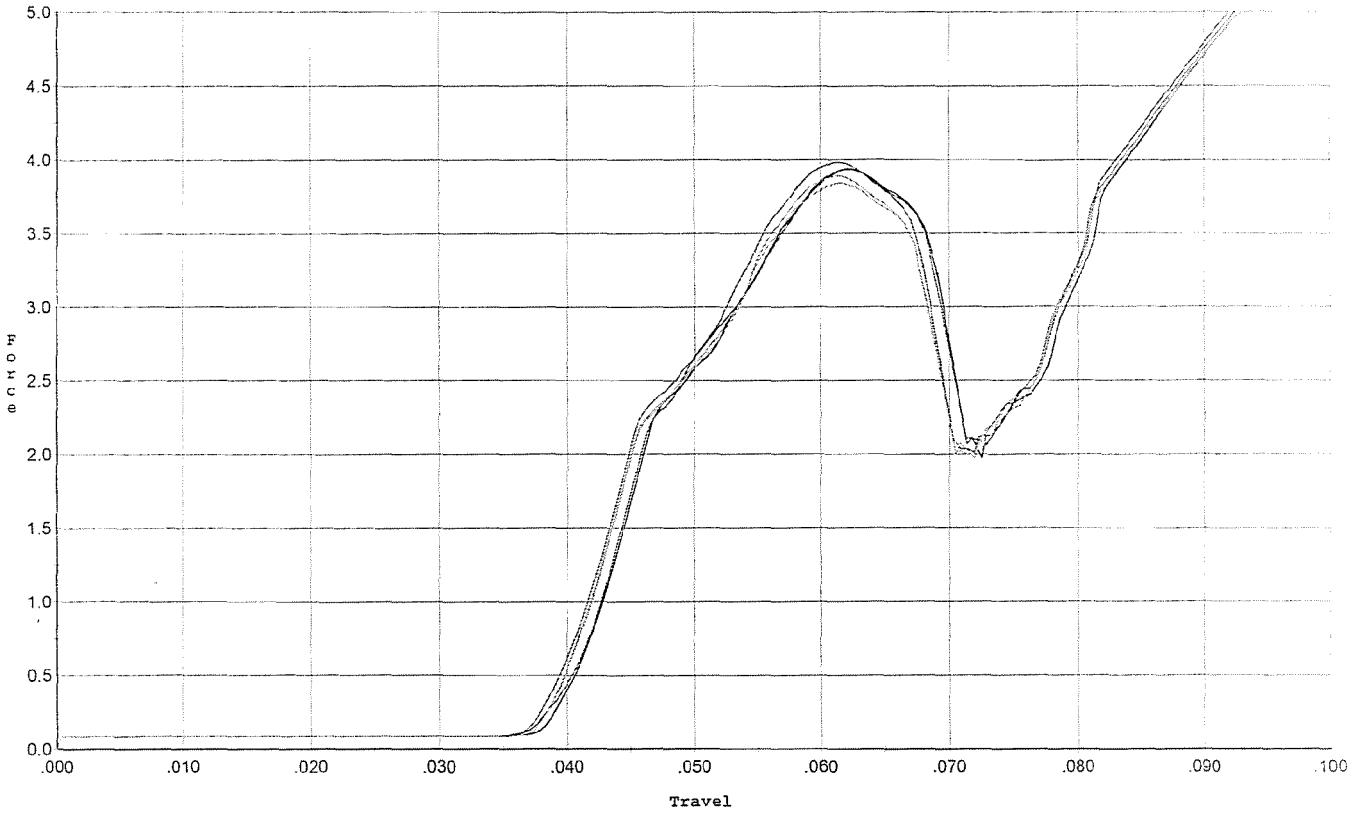
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.239	0.059	0.029	0.034	0.075		Set Trigger
2	3.137	0.059	0.031	0.034	0.068		Set Trigger
3	3.150	0.058	0.030	0.034	0.068		Set Trigger
4	3.208	0.058	0.031	0.034	0.067		Set Trigger
5	3.225	0.058	0.031	0.034	0.067		Set Trigger

3.19 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/21/2006 6:57:23 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 11/21/06		



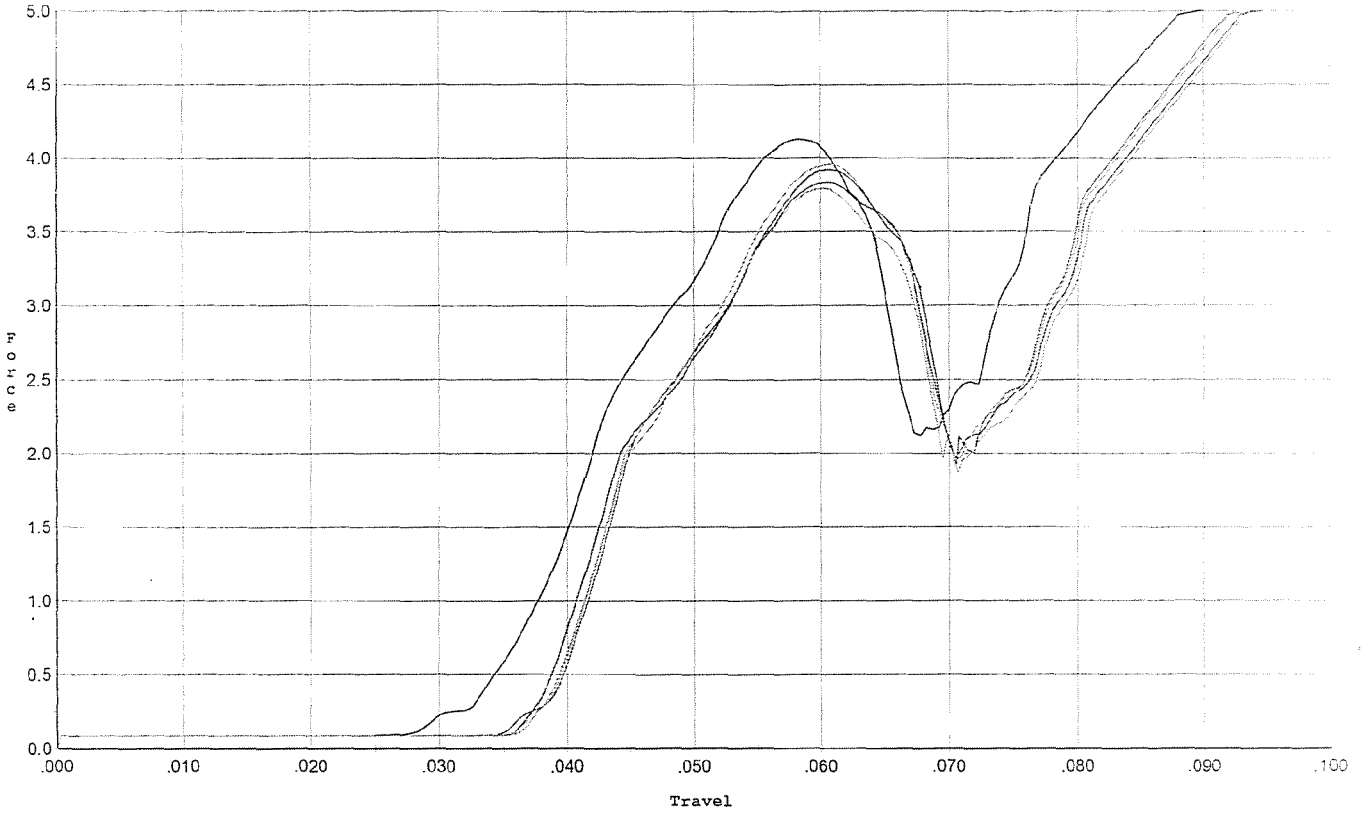
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.939	0.070	0.040	0.031	0.090		Set Trigger
2	3.936	0.069	0.039	0.032	0.089		Set Trigger
3	3.984	0.068	0.038	0.032	0.089		Set Trigger
4	3.844	0.069	0.039	0.032	0.087		Set Trigger
5	3.891	0.069	0.039	0.032	0.088		Set Trigger

3.92 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/21/2006 7:21:22 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 11/21/06		

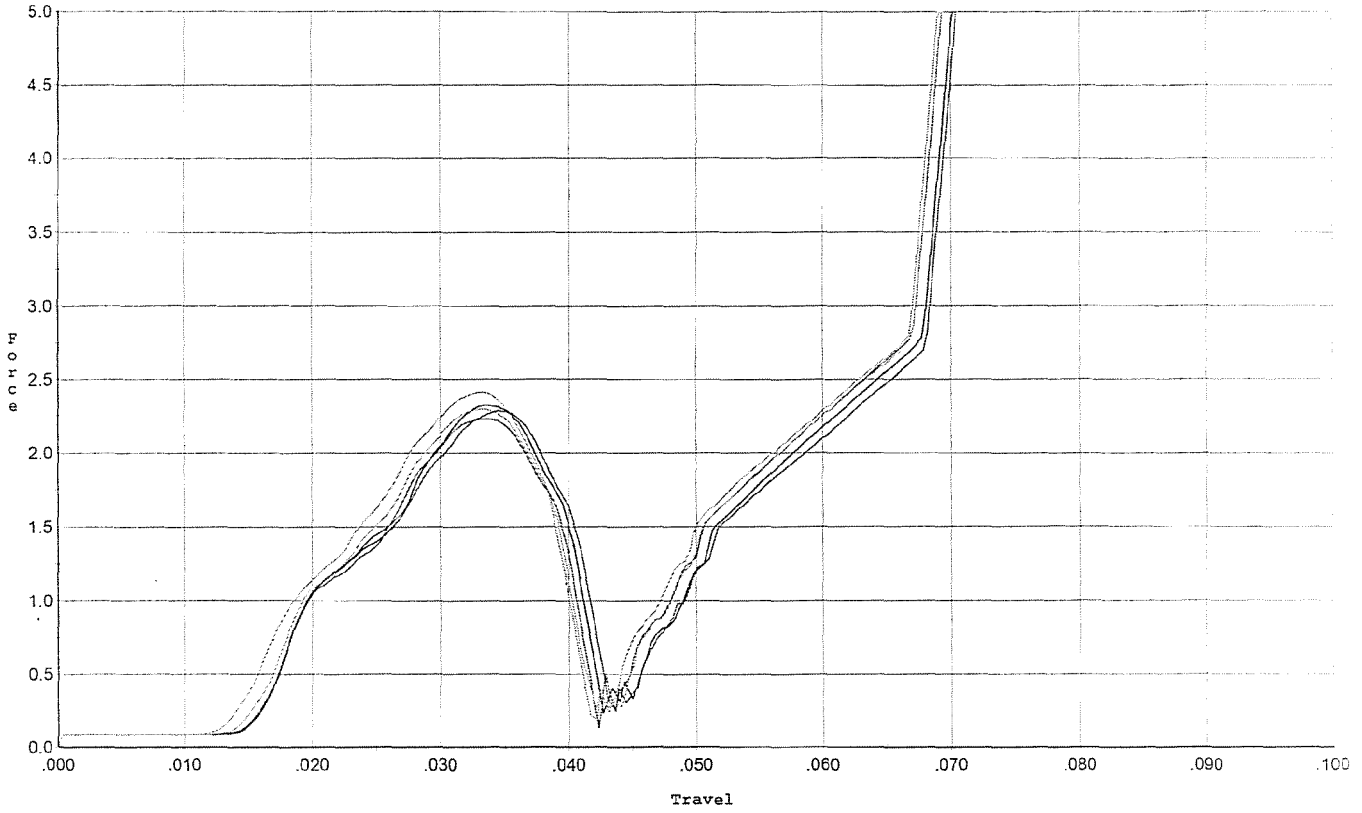


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.924	0.068	0.038	0.033	0.088		Set Trigger
2	4.131	0.064	0.033	0.031	0.091		Set Trigger
3	3.838	0.067	0.039	0.032	0.084		Set Trigger
4	3.795	0.068	0.039	0.033	0.084		Set Trigger
5	3.961	0.067	0.039	0.033	0.086		Set Trigger

3.93 Avg.

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 11/21/06		



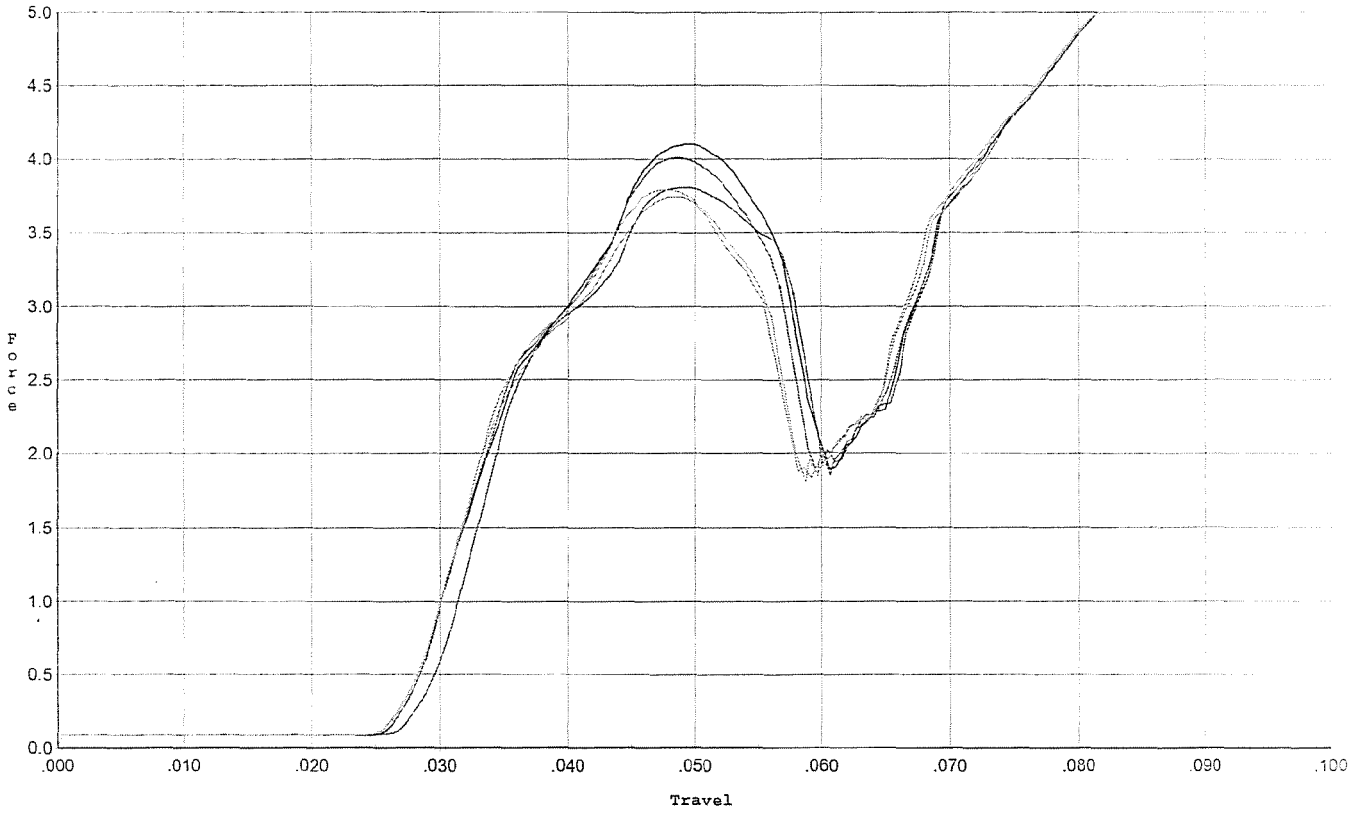
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.288	0.041	0.016	0.035	0.041		Set Trigger
2	2.326	0.040	0.017	0.034	0.040		Set Trigger
3	2.231	0.040	0.016	0.034	0.039		Set Trigger
4	2.296	0.039	0.016	0.035	0.039		Set Trigger
5	2.413	0.040	0.015	0.034	0.043		Set Trigger

2.31 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/21/2006 9:08:41 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 11/21/06		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.807	0.058	0.028	0.030	0.087		Set Trigger
2	4.101	0.057	0.027	0.030	0.091		Set Trigger
3	4.008	0.057	0.027	0.031	0.088		Set Trigger
4	3.793	0.056	0.027	0.031	0.083		Set Trigger
5	3.742	0.057	0.027	0.031	0.083		Set Trigger

3.89 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/21/2006 9:10:43 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6605432.__0
FILE DATE AND TIME: 11/29/2006 05:35

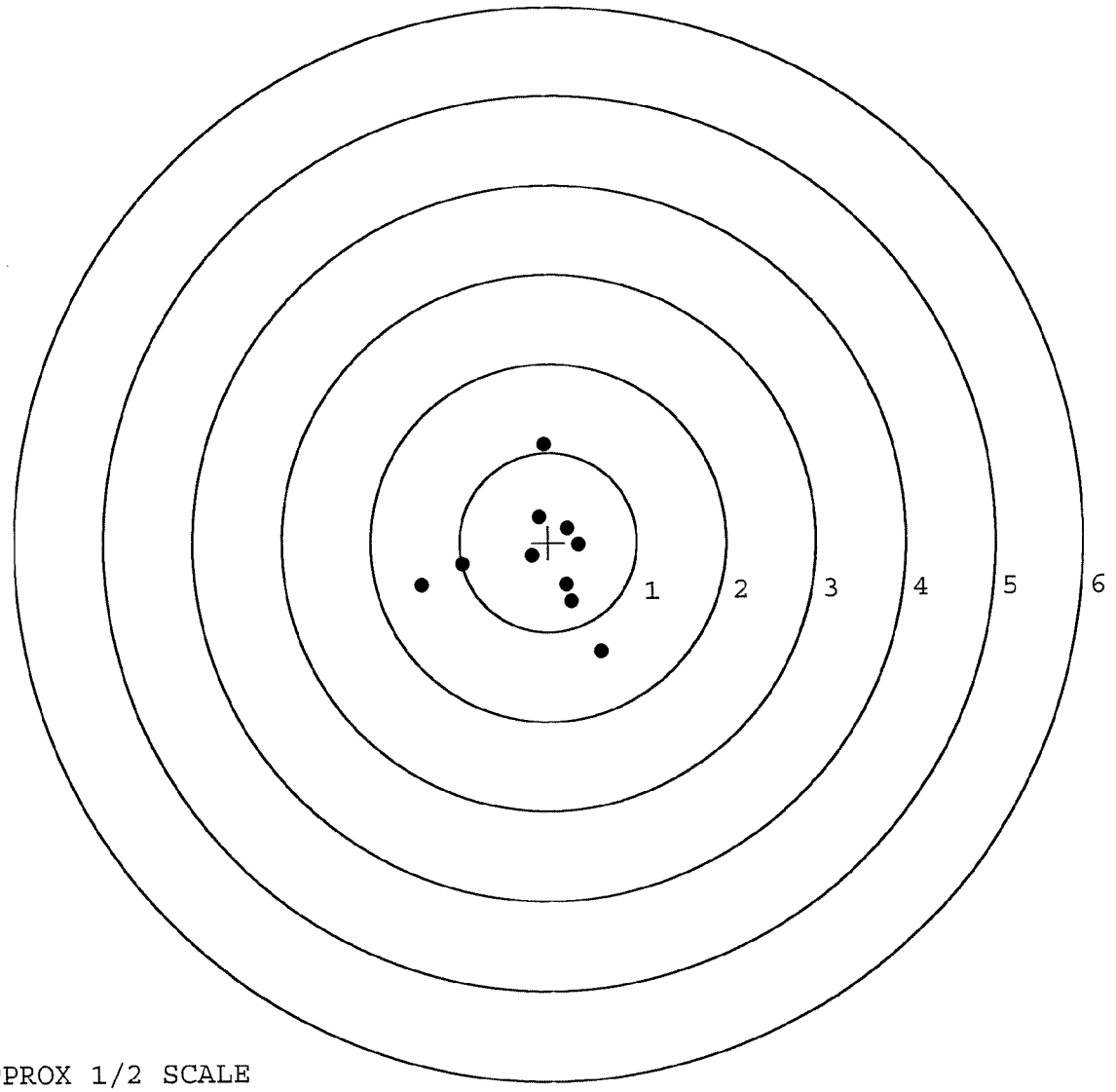
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.028
The Average Y Centroid of the Five Target Set:	-0.003
The Average Point of Impact of the Five Target Set:	0.028
The Average Mean Radius of the Five Target Set:	0.698
The Distance from POA to Centroid Target #1:	0.207
The Distance from Centroid Target #2 to Centroid Target #1:	0.434
The Distance from Centroid Target #3 to Centroid Target #1:	0.242
The Distance from Centroid Target #4 to Centroid Target #1:	0.121
The Distance from Centroid Target #5 to Centroid Target #1:	0.248

SERIAL NUMBER: G6605432.__0
TARGET NUMBER: 1
FILE DATE: 11/29/2006
FILE TIME: 05:35

X CENTROID:	-0.114
Y CENTROID:	-0.172
POA TO CENTROID:	0.207
HORZ SPREAD:	2.010
VERT SPREAD:	2.318
GROUP SPREAD:	2.148
MIN RADIUS:	0.081
MAX RADIUS:	1.348
MEAN RADIUS:	0.727
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.043	1.091
2:	-0.972	-0.234
3:	-1.429	-0.469
4:	0.581	-1.227
5:	0.259	-0.665
6:	0.202	-0.475
7:	-0.192	-0.150
8:	0.340	-0.031
9:	0.217	0.158
10:	-0.106	0.282

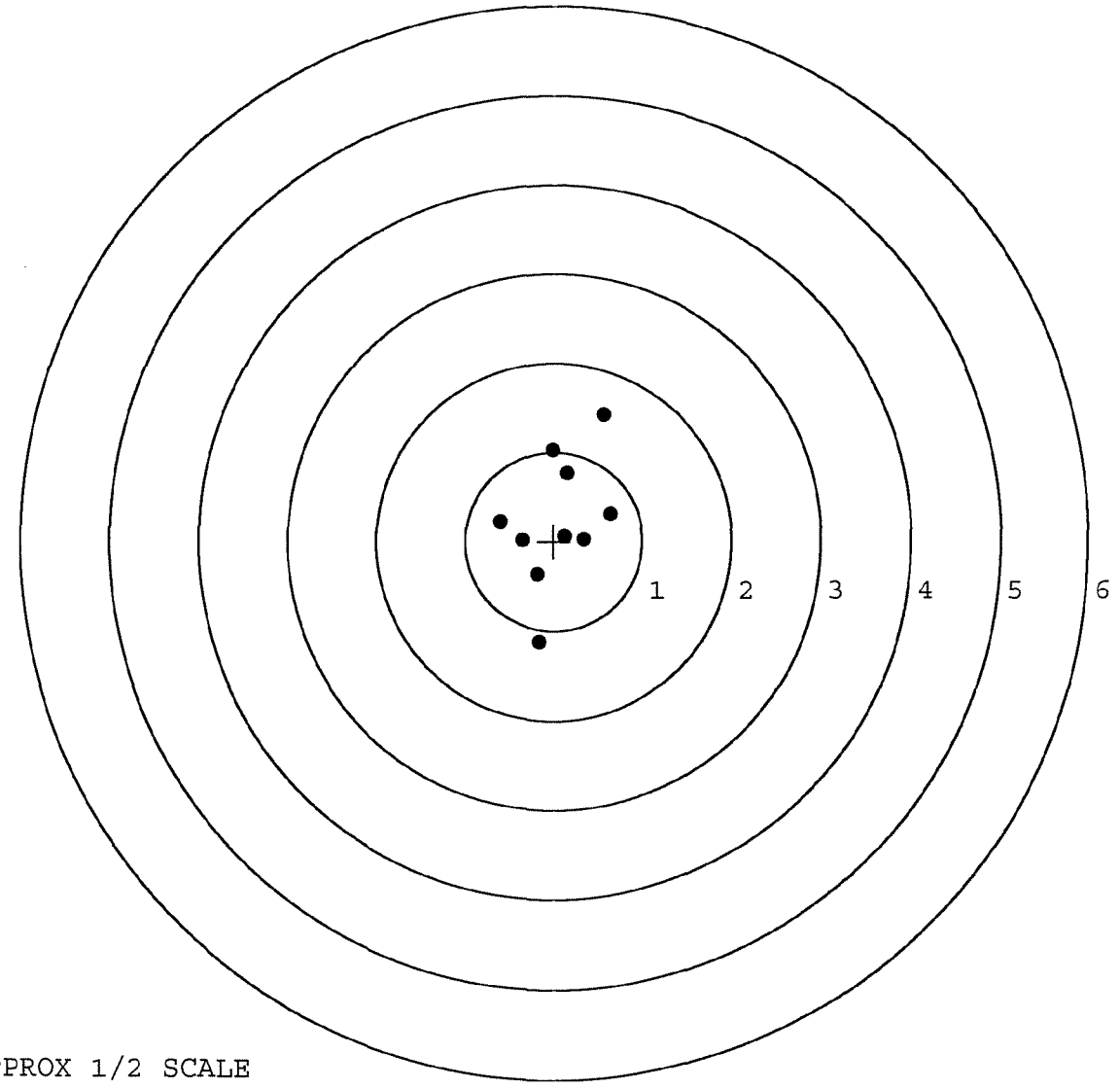


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6605432.__0
TARGET NUMBER: 2
FILE DATE: 11/29/2006
FILE TIME: 05:35

X CENTROID:	0.047
Y CENTROID:	0.231
POA TO CENTROID:	0.236
HORZ SPREAD:	1.252
VERT SPREAD:	2.558
GROUP SPREAD:	2.660
MIN RADIUS:	0.187
MAX RADIUS:	1.381
MEAN RADIUS:	0.695
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.167	-1.133
2:	-0.193	-0.379
3:	-0.359	0.008
4:	-0.613	0.215
5:	0.122	0.060
6:	0.345	0.024
7:	0.639	0.303
8:	0.149	0.763
9:	-0.015	1.026
10:	0.564	1.425

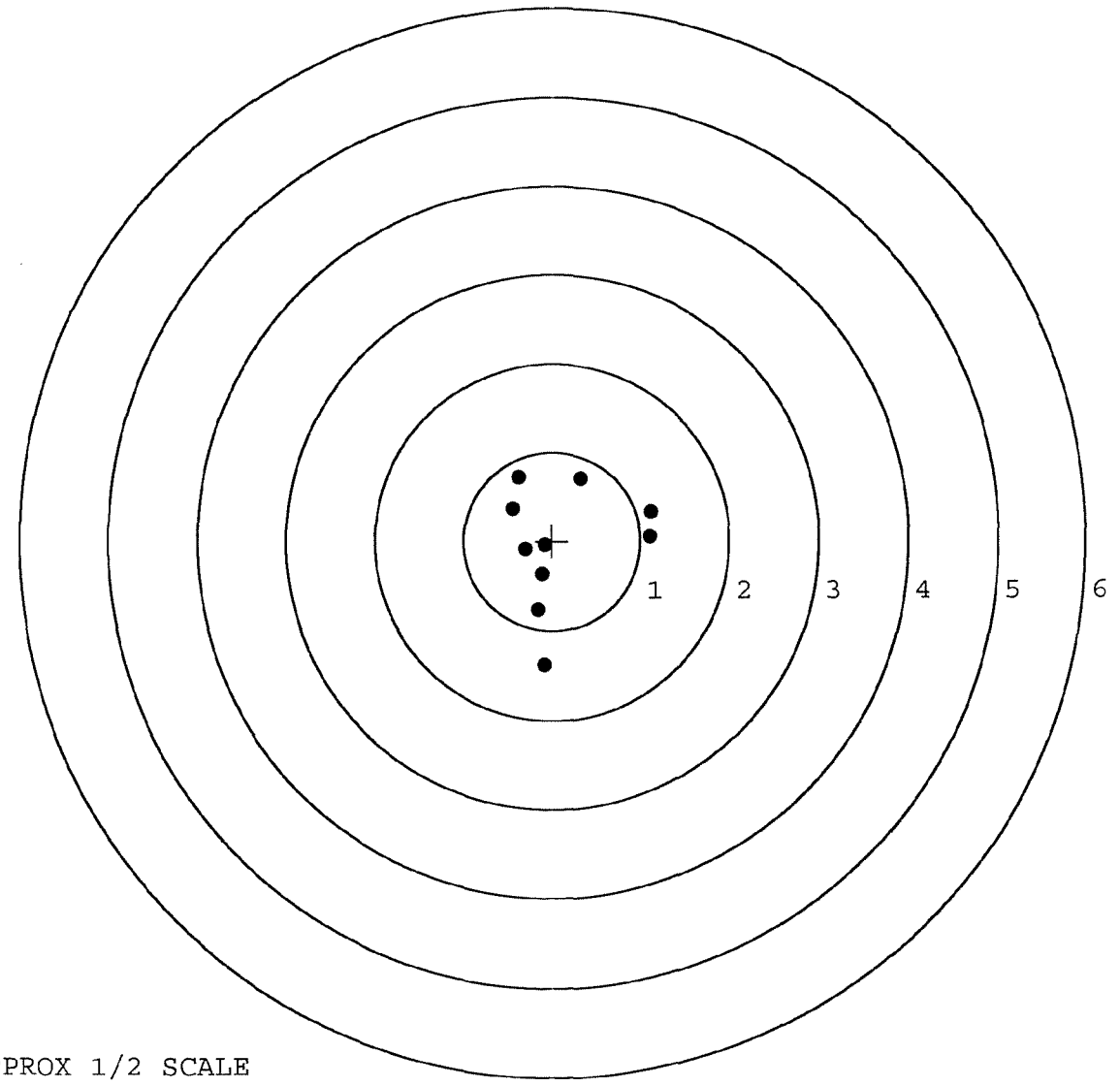


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6605432.__0
TARGET NUMBER: 3
FILE DATE: 11/29/2006
FILE TIME: 05:35

X CENTROID:	0.096
Y CENTROID:	-0.054
POA TO CENTROID:	0.110
HORZ SPREAD:	1.563
VERT SPREAD:	2.112
GROUP SPREAD:	2.136
MIN RADIUS:	0.182
MAX RADIUS:	1.353
MEAN RADIUS:	0.758
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.113	0.050
2:	1.115	0.324
3:	0.323	0.702
4:	-0.383	0.719
5:	-0.448	0.364
6:	-0.302	-0.098
7:	-0.086	-0.051
8:	-0.115	-0.374
9:	-0.161	-0.779
10:	-0.093	-1.393

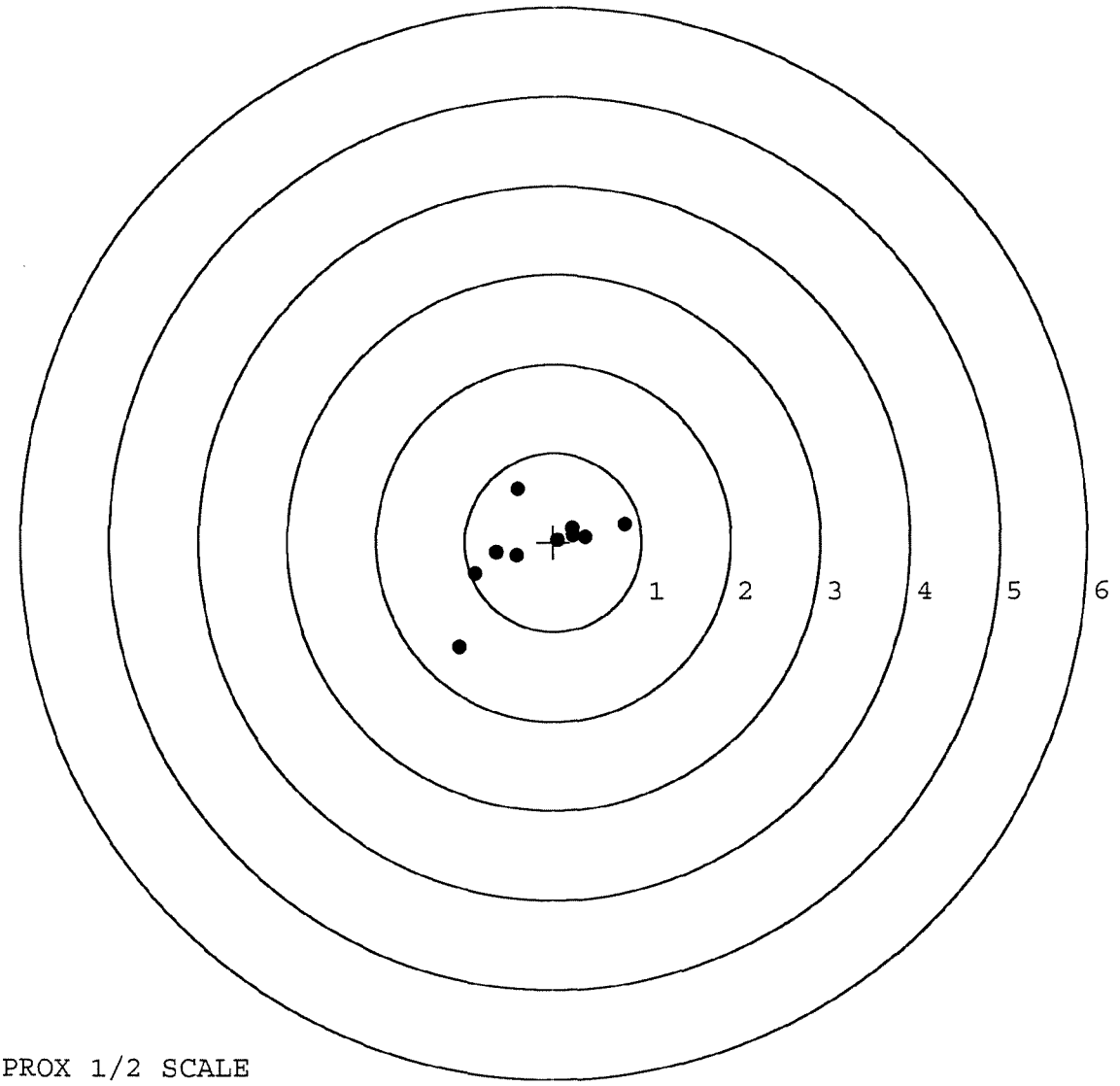


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6605432.__0
TARGET NUMBER: 4
FILE DATE: 11/29/2006
FILE TIME: 05:35

X CENTROID:	-0.175
Y CENTROID:	-0.067
POA TO CENTROID:	0.187
HORZ SPREAD:	1.860
VERT SPREAD:	1.773
GROUP SPREAD:	2.313
MIN RADIUS:	0.243
MAX RADIUS:	1.414
MEAN RADIUS:	0.630
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.054	-1.174
2:	-0.880	-0.358
3:	-0.644	-0.114
4:	-0.418	-0.154
5:	-0.412	0.599
6:	0.806	0.201
7:	0.363	0.063
8:	0.217	0.161
9:	0.051	0.023
10:	0.222	0.085

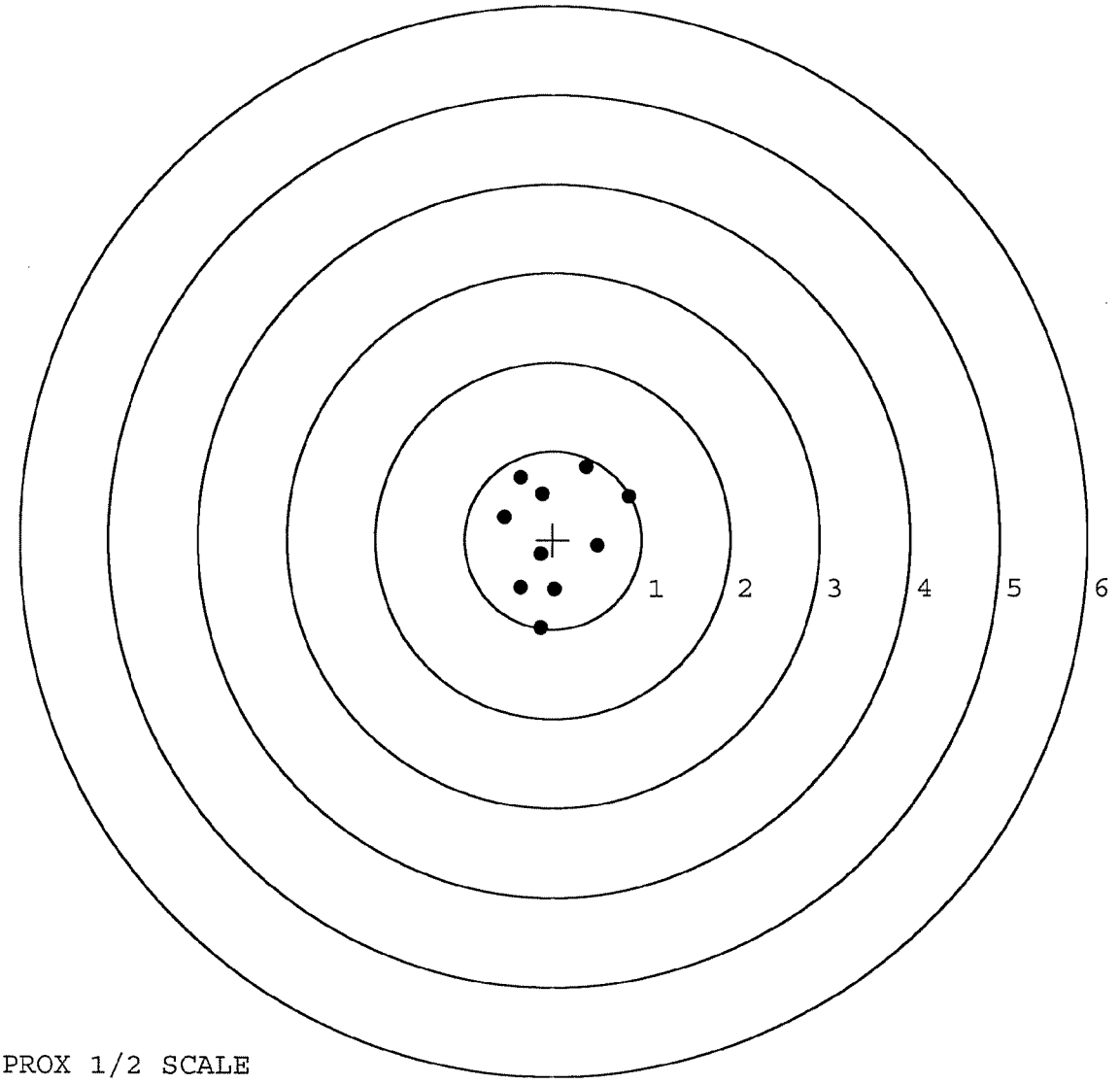


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6605432.__0
TARGET NUMBER: 5
FILE DATE: 11/29/2006
FILE TIME: 05:35

X CENTROID:	0.005
Y CENTROID:	0.046
POA TO CENTROID:	0.046
HORZ SPREAD:	1.410
VERT SPREAD:	1.813
GROUP SPREAD:	1.887
MIN RADIUS:	0.263
MAX RADIUS:	1.044
MEAN RADIUS:	0.680
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.501	-0.073
2:	0.859	0.487
3:	0.378	0.825
4:	-0.368	0.706
5:	-0.124	0.520
6:	-0.551	0.257
7:	-0.145	-0.170
8:	-0.371	-0.546
9:	0.016	-0.563
10:	-0.144	-0.988



TARGET APPROX 1/2 SCALE