G663762

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

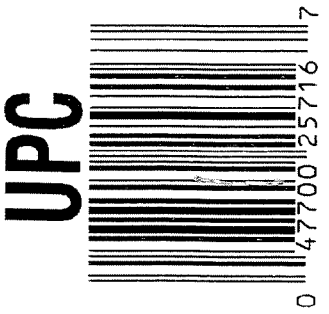
– INSTUCTION BOOK 3518

DD FORM

ORDER NO. 25716

BARREL LENGTH	24"
CAPACITY	6

G6637662



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

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

SERIAL NO.

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G663766 2

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		4-4-07	RTZ
420	ASSEMBLE ACTION		4-4-07	RTZ
430	ASSEMBLE TO STOCK		4-4-07	TRW
440	PROOF		4-4-07	TRW
460	CHECK HEADSPACE		4-4-07	TRW
470	DIS-ASSEMBLE ACTION	INSPECTED APR 0 9 2007	4-5-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR	4-9-07	A.P.D
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		4-9-07	CW
510	DRILL AND TAP SIGHT HOLES		4-5-07	SD
520	GOFF BLAST BBL / REC		4/9/07	LC
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		4-13-07	WS
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		4/20/07	A.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4/20/07	A.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4/20/07	A.P.D.
	D) OIL FIRING PIN ASSEMBLY		4/21/07	A.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/25/07	

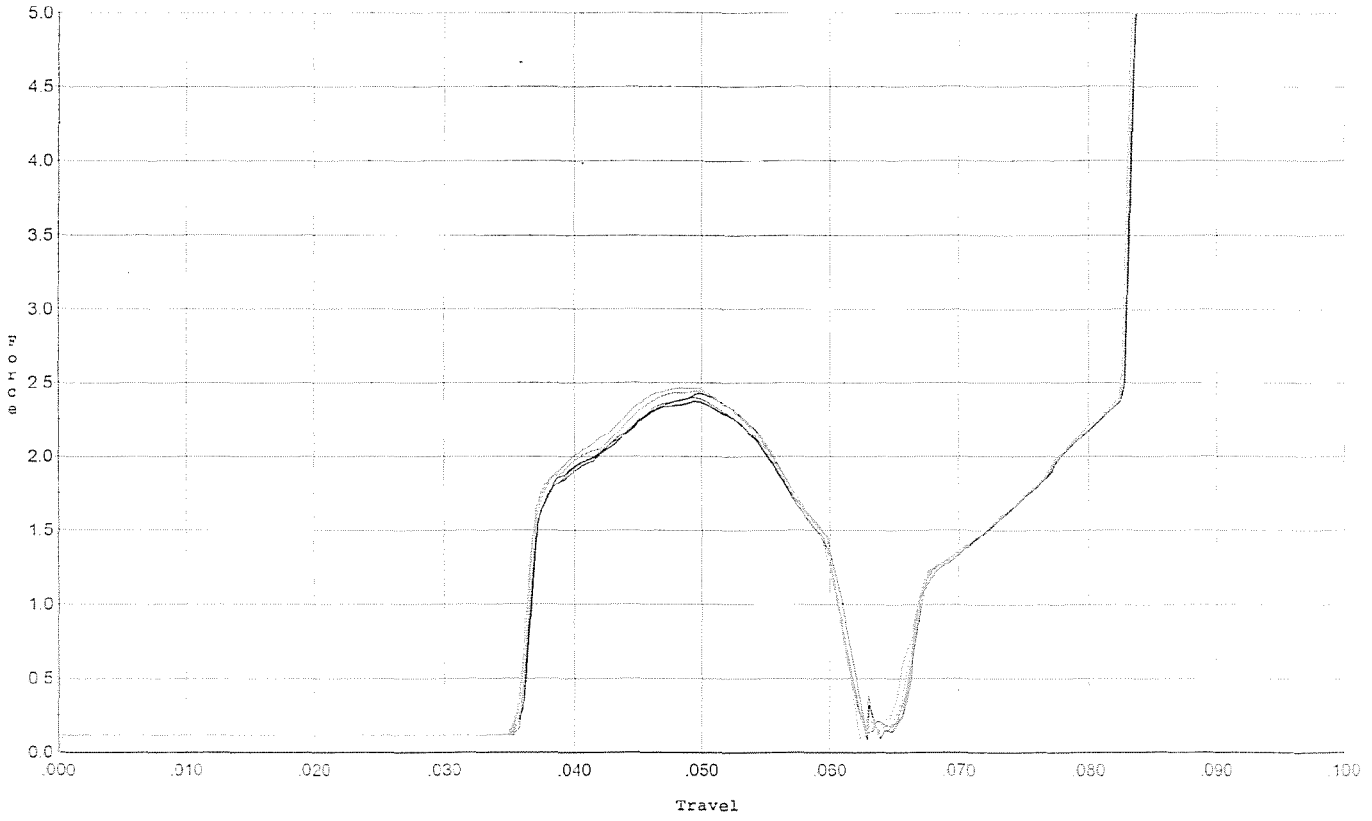
F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE (2 LBS MIN / 10 LBS MAX)	8.5 8.5 8.75	4-25-07	TRW
CONT.	G) SAFETY OFF FORCE (2 LBS MIN)	2.0 2.5 2.75	4-25-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		4/25/07	[illegible]
	I) FIRING PIN INDENT (.020 MIN)	.025[5] .025 .025[5]	4-25-07	TRW
	J) ASSEMBLE STOCK		4/27/07	[illegible]
	K) ASSEMBLE SWIVEL STUDS		4/25/07	[illegible]
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/25/07	[illegible]
	M) IRON SIGHT ALIGNMENT		4/25/07	[illegible]
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/25/07	[illegible]
640 &	FUNCTION TEST AND	(PASS) FAIL		
650	TARGET	(PASS) FAIL	4/24/07	[illegible]
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION n/a		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-24-07	SD
670	FINAL INSPECTION A) HEADSPACE		4/25/07	[illegible]
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.15 2.15 2.19 2.18 2.21	4-25-07	TRW
	C) FUNCTION		4/25/07	[illegible]
690	PACK		4/26/07	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. +/-* .50 lbs.
Note:	R. Putch 4/19/07		

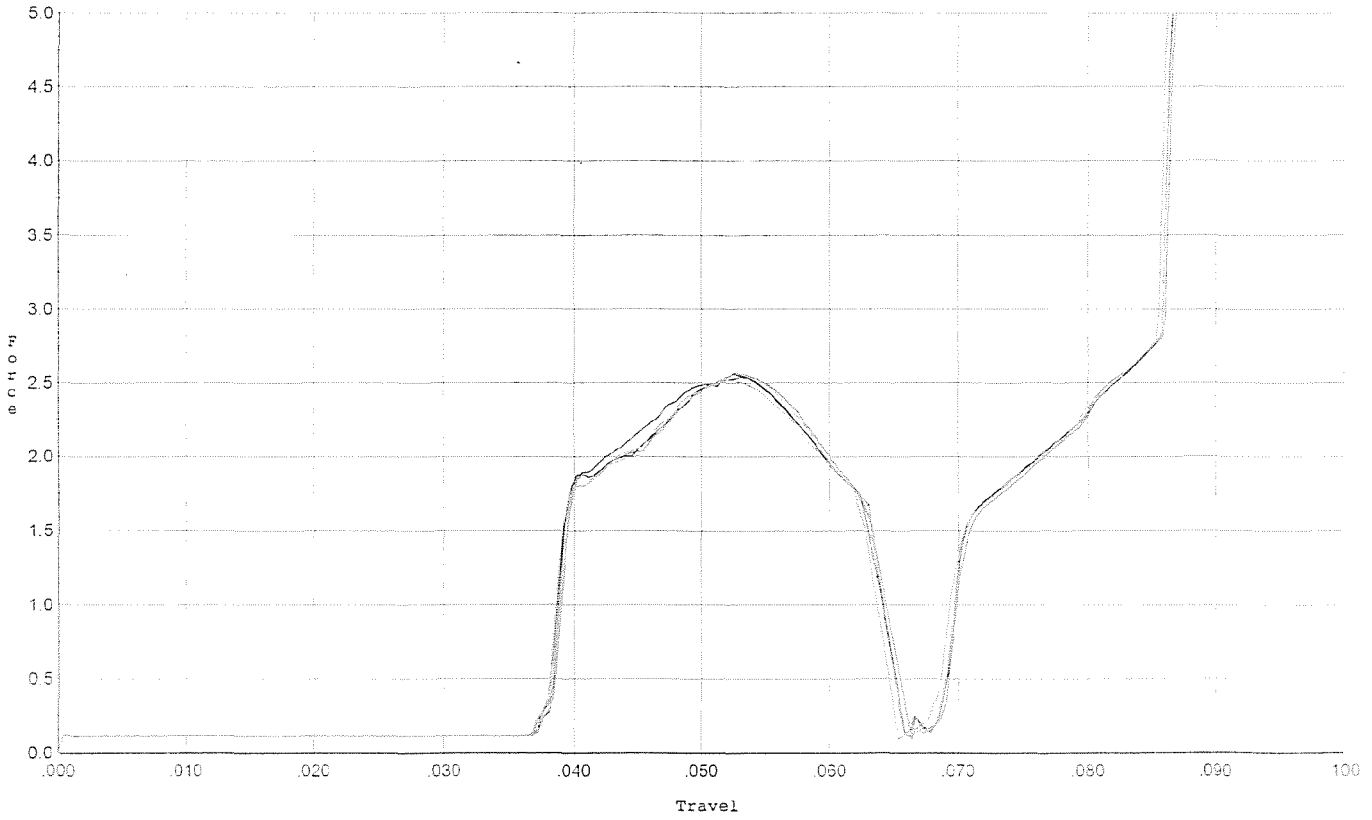


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.428	0.061	0.036	0.031	0.053		Set Trigger
2	2.376	0.060	0.036	0.031	0.052		Set Trigger
3	2.403	0.060	0.035	0.031	0.053		Set Trigger
4	2.466	0.060	0.036	0.031	0.054		Set Trigger
5	2.446	0.060	0.036	0.031	0.054		Set Trigger

AVG 2.42

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs. after 50 cycles +/-* .50 lbs.
Note:	R. Putch 4/19/07		

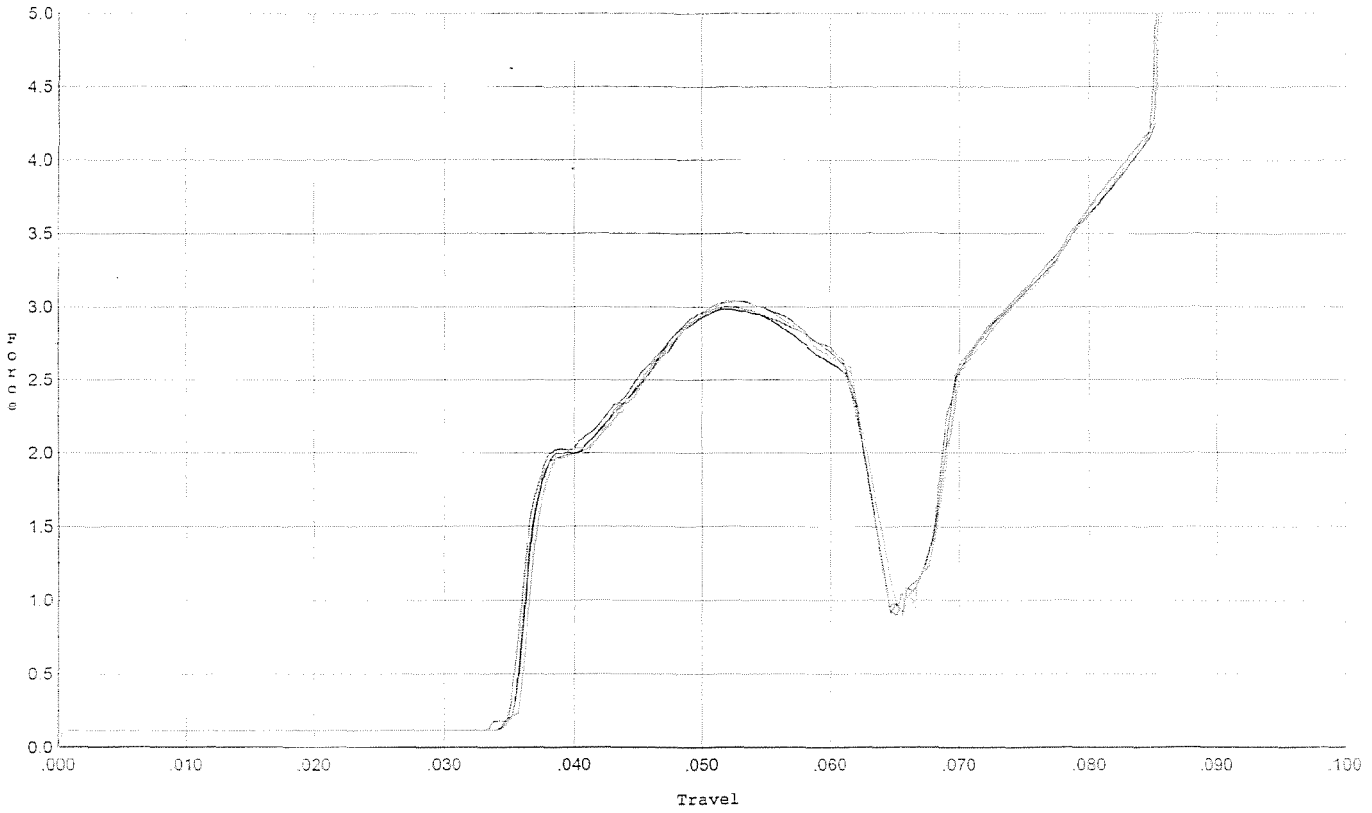


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.541	0.063	0.037	0.031	0.058		Set Trigger
2	2.560	0.064	0.037	0.031	0.058		Set Trigger
3	2.568	0.063	0.038	0.031	0.057		Set Trigger
4	2.560	0.063	0.038	0.031	0.057		Set Trigger
5	2.522	0.063	0.037	0.031	0.056		Set Trigger

AVG 2.55

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs. ini. +/- .75 lbs.
Note:	R. Putch 4/19/07		

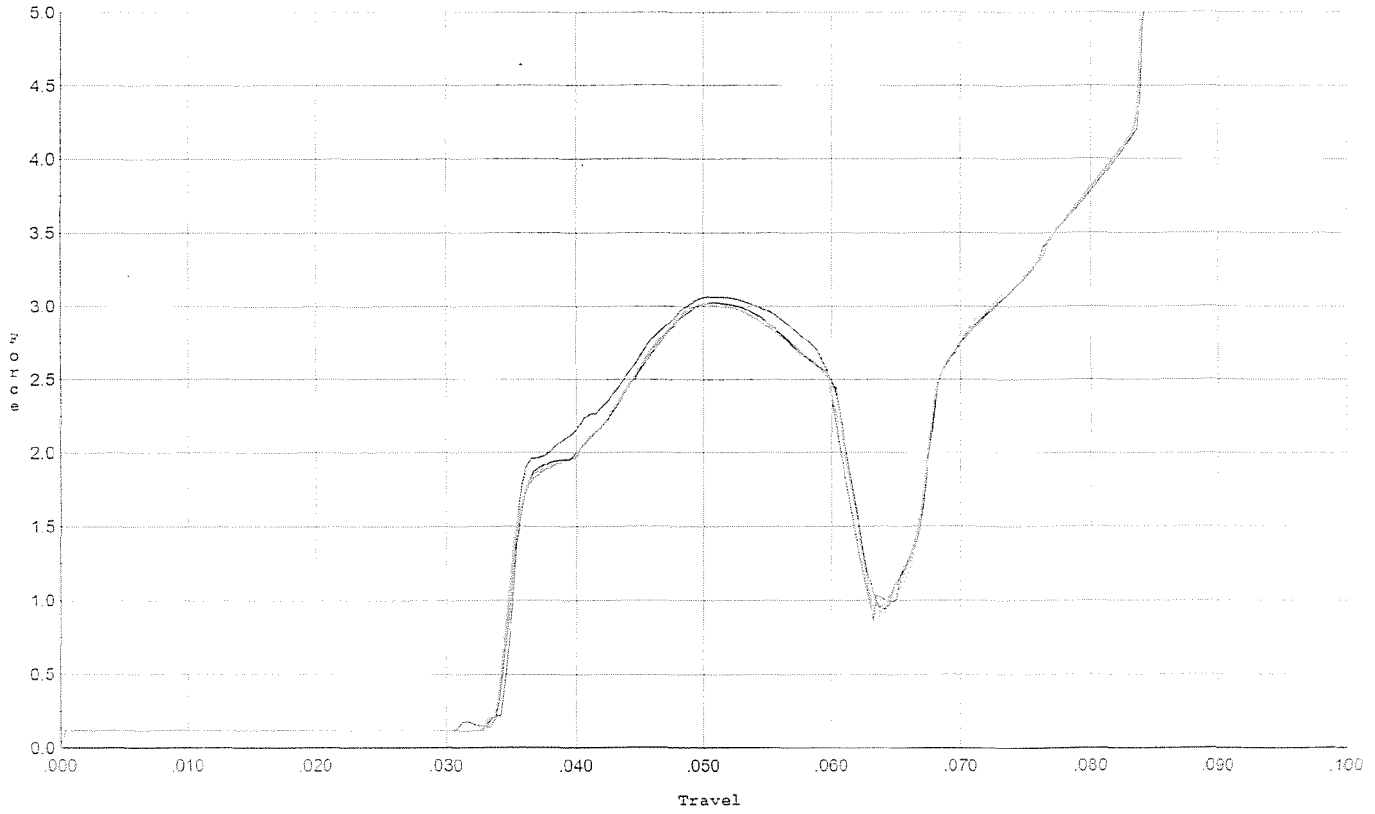


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.042	0.062	0.035	0.029	0.072		Set Trigger
2	2.985	0.062	0.035	0.029	0.071		Set Trigger
3	3.002	0.062	0.035	0.029	0.071		Set Trigger
4	3.043	0.062	0.035	0.030	0.070		Set Trigger
5	3.035	0.062	0.036	0.029	0.070		Set Trigger

Avg 3.02

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs. after 20 cycles +/- .75 lbs.
Note:	R. Putch 4/19/07		

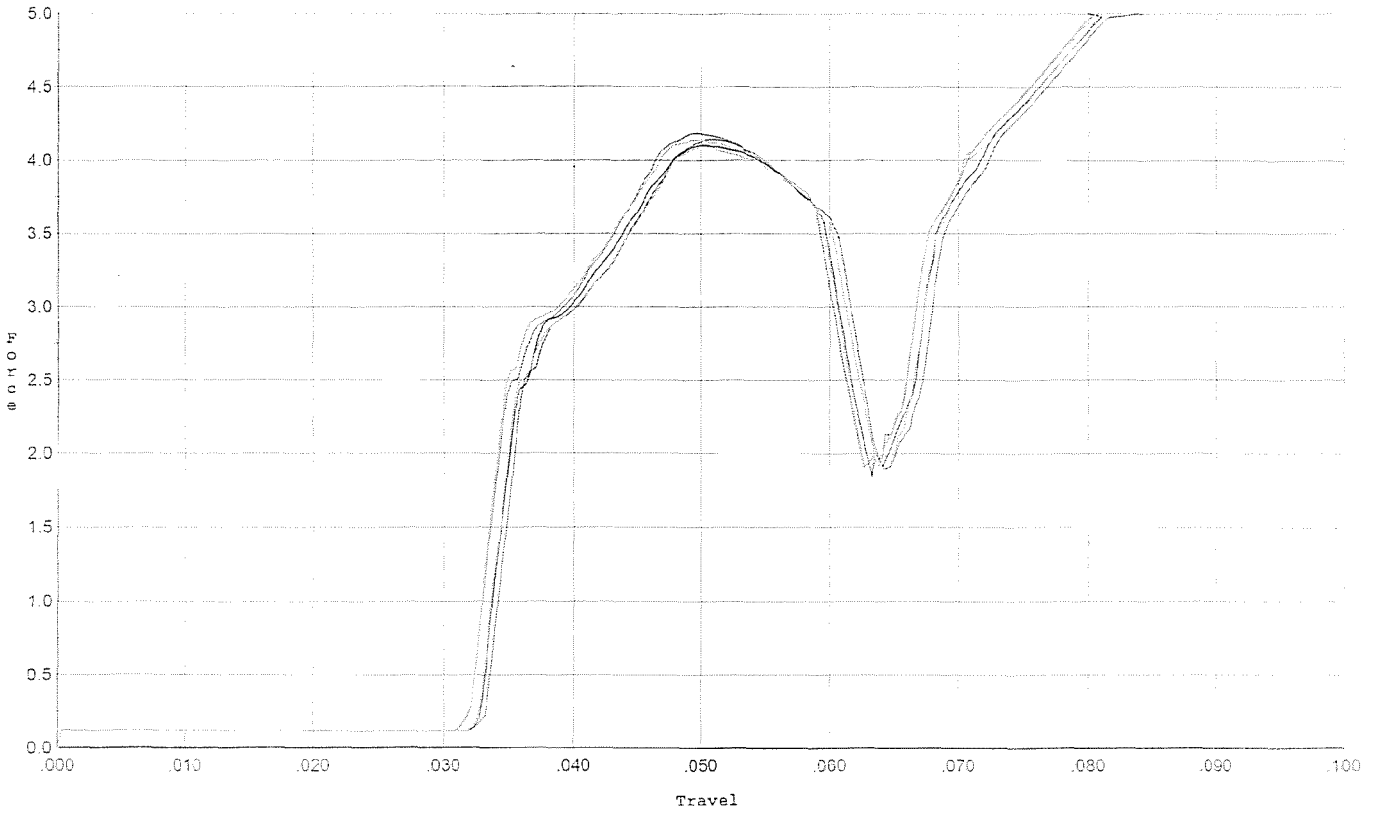


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.065	0.060	0.034	0.030	0.070		Set Trigger
2	3.025	0.060	0.033	0.030	0.069		Set Trigger
3	3.020	0.060	0.034	0.029	0.069		Set Trigger
4	3.023	0.061	0.033	0.029	0.070		Set Trigger
5	3.012	0.061	0.033	0.030	0.070		Set Trigger

Avg 3.02

Trigger Profile [lbs,inch]

Profile	SWS	Model:	M/24
GunType:	Rifle	Serial No:	Form #F005
Make:	Remington	Trigger:	4.0 lbs. ini. +/- 1.0 lbs.
Note:	R. Putch 4/19/07		

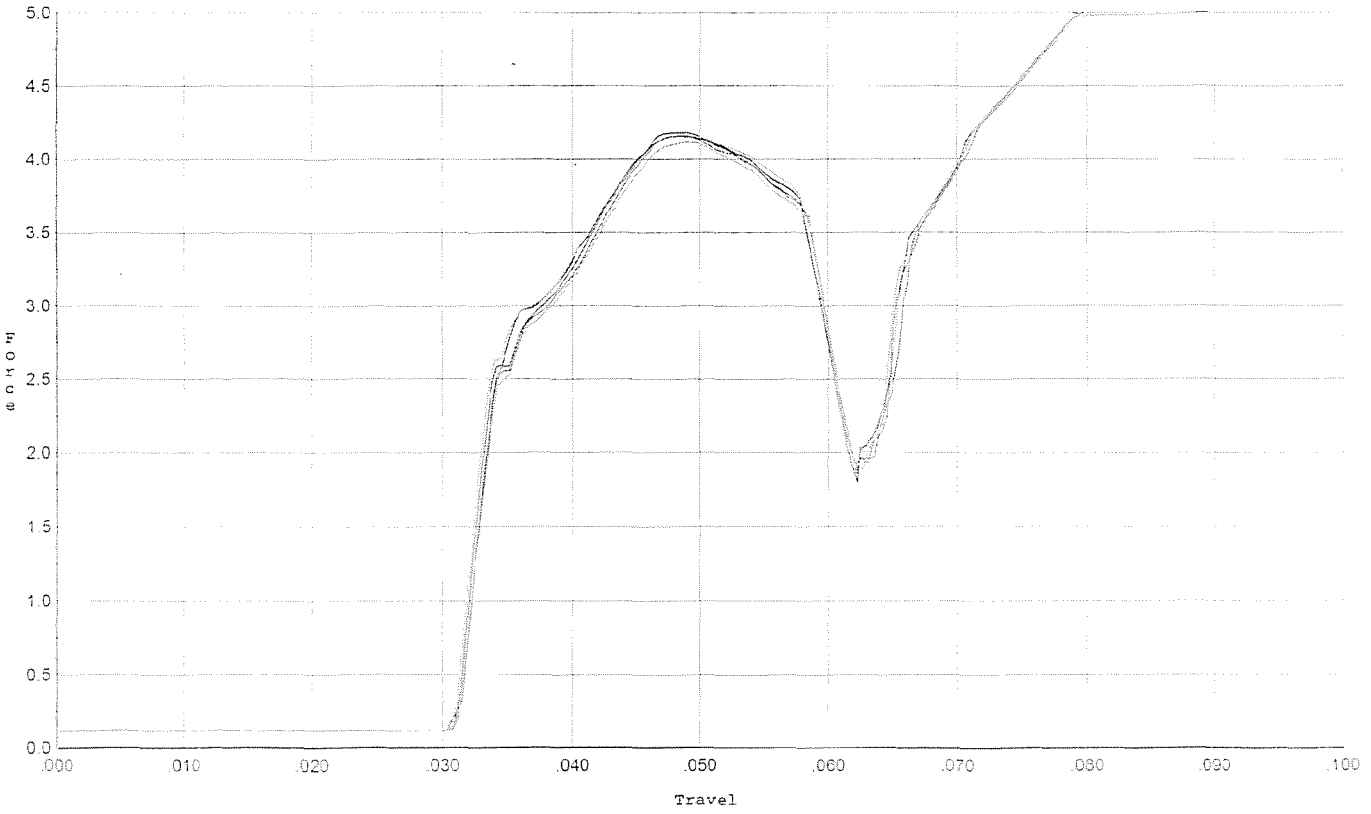


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.145	0.061	0.033	0.027	0.098		Set Trigger
2	4.104	0.060	0.033	0.028	0.096		Set Trigger
3	4.185	0.059	0.032	0.028	0.097		Set Trigger
4	4.141	0.060	0.032	0.027	0.100		Set Trigger
5	4.096	0.060	0.033	0.027	0.097		Set Trigger

Avg 4.13

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs. after 20 cycles +/- 1.0 lbs.
Note:	R. Putch 4/19/07		

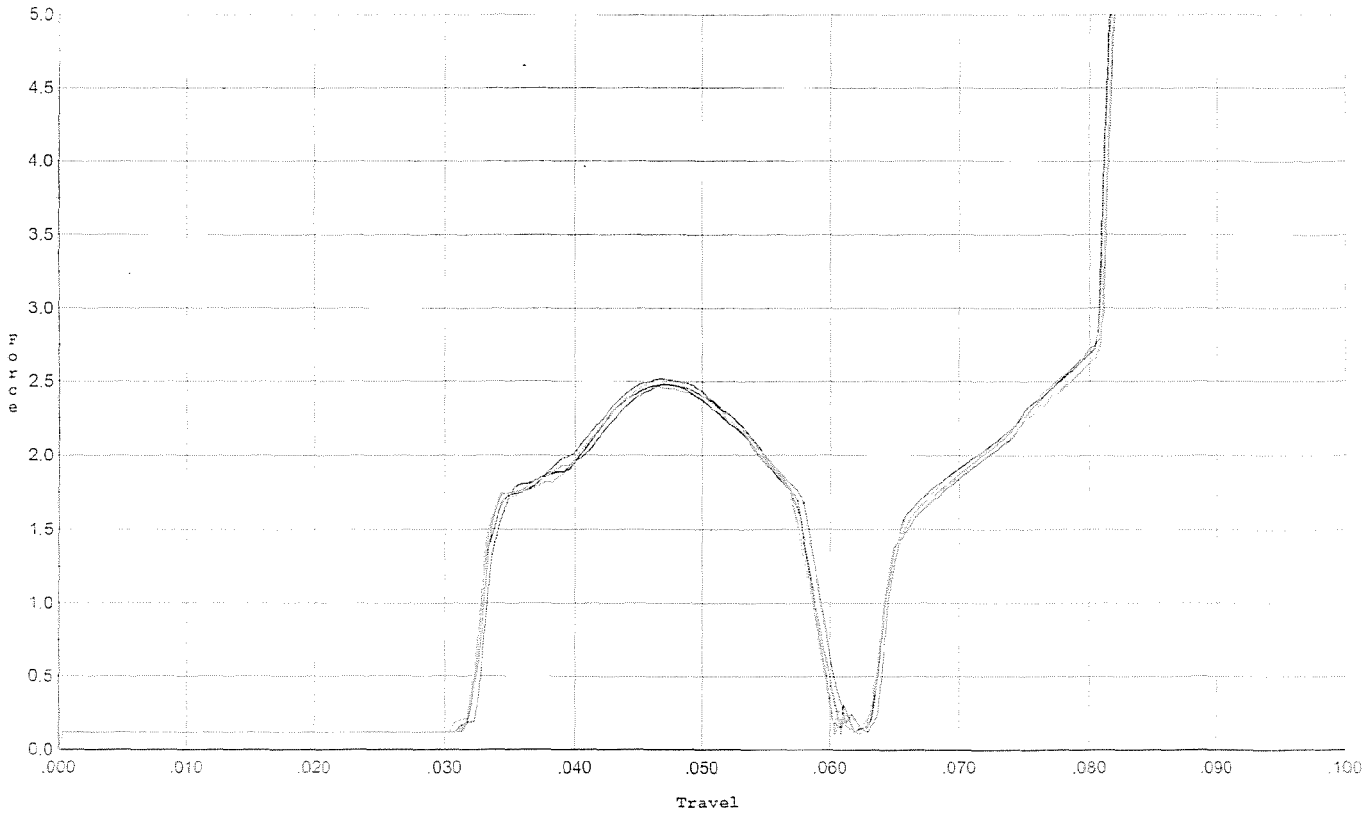


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.182	0.059	0.031	0.027	0.099		Set Trigger
2	4.156	0.059	0.031	0.027	0.101		Set Trigger
3	4.159	0.059	0.031	0.027	0.098		Set Trigger
4	4.119	0.059	0.031	0.028	0.097		Set Trigger
5	4.168	0.059	0.031	0.027	0.100		Set Trigger

Avg 4.15

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	reset to 2.5 lbs. +/- .50 lbs. for final test
Note:	R. Putch 4/19/07		

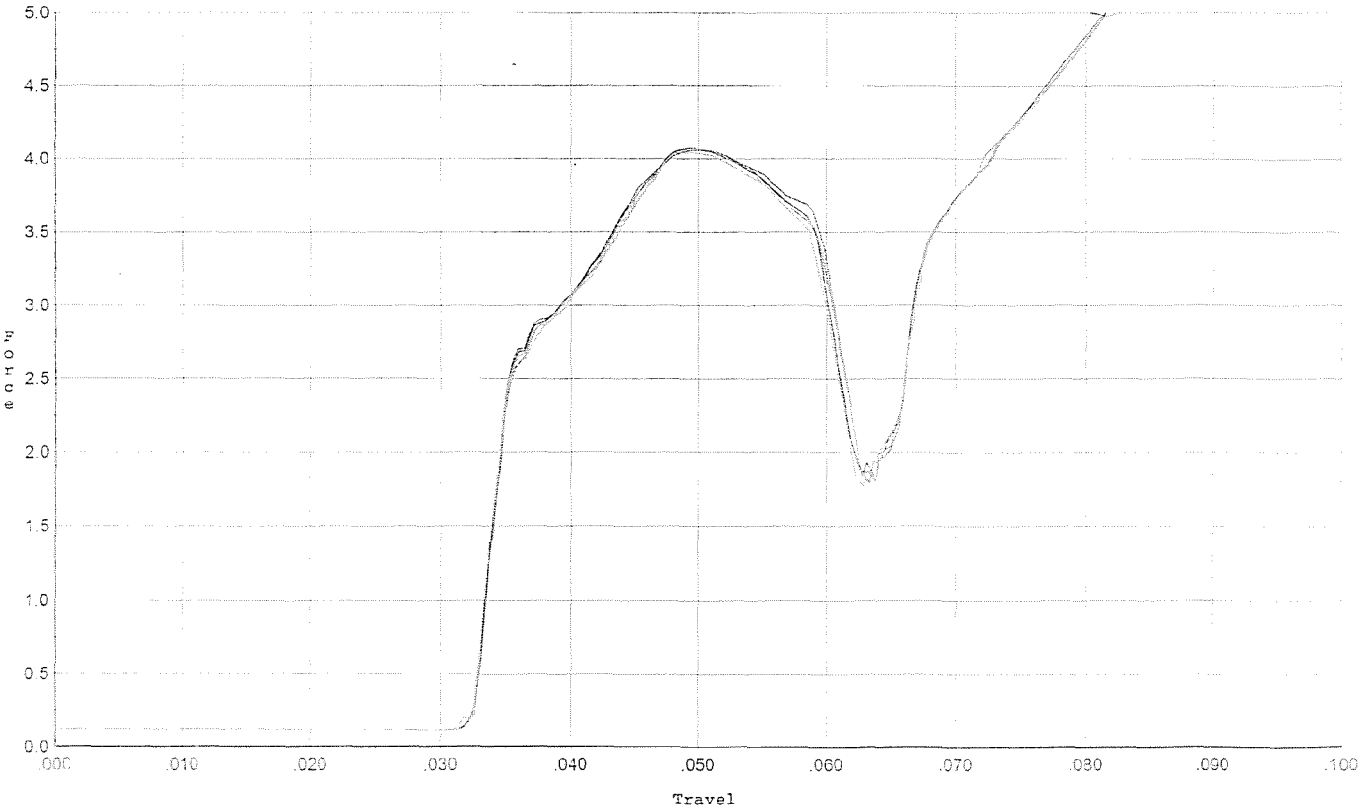


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.476	0.058	0.032	0.031	0.056		Set Trigger
2	2.474	0.058	0.032	0.031	0.056		Set Trigger
3	2.519	0.057	0.032	0.031	0.056		Set Trigger
4	2.503	0.058	0.031	0.031	0.056		Set Trigger
5	2.464	0.058	0.032	0.031	0.056		Set Trigger

Avg 2.48

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy
Note:	R. Putch 4/19/07		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.070	0.060	0.033	0.028	0.097		Set Trigger
2	4.073	0.059	0.033	0.028	0.095		Set Trigger
3	4.065	0.060	0.032	0.028	0.097		Set Trigger
4	4.069	0.060	0.032	0.028	0.096		Set Trigger
5	4.046	0.060	0.032	0.028	0.096		Set Trigger

Avg 4.06

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637662.__0
FILE DATE AND TIME: 04/24/2007 20:41

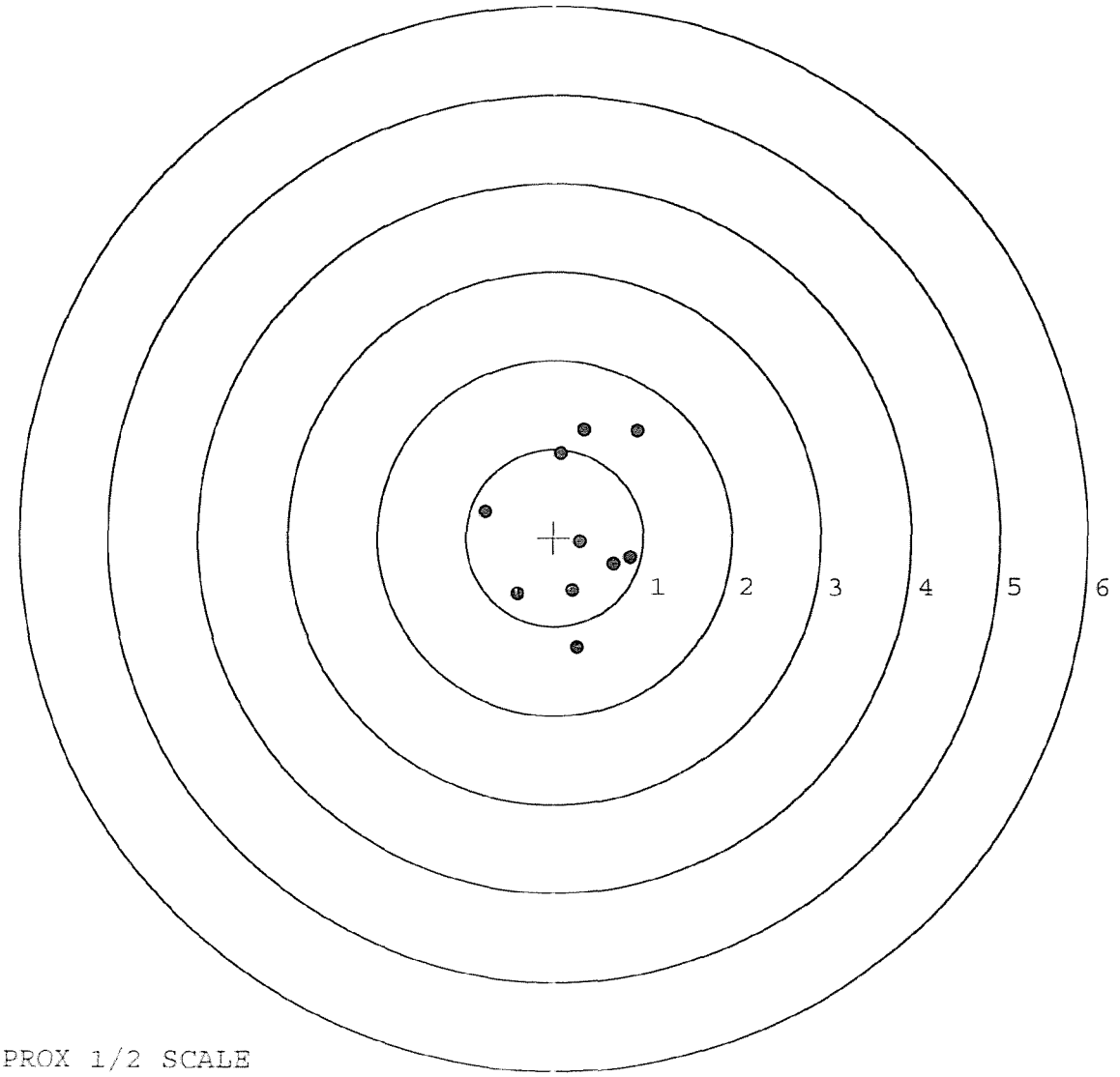
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.113
The Average Y Centroid of the Five Target Set:	0.037
The Average Point of Impact of the Five Target Set:	0.119
The Average Mean Radius of the Five Target Set:	0.844
The Distance from POA to Centroid Target #1:	0.252
The Distance from Centroid Target #2 to Centroid Target #1:	0.260
The Distance from Centroid Target #3 to Centroid Target #1:	0.525
The Distance from Centroid Target #4 to Centroid Target #1:	0.291
The Distance from Centroid Target #5 to Centroid Target #1:	0.292

SERIAL NUMBER: G6637662.__0
TARGET NUMBER: 1
FILE DATE: 04/24/2007
FILE TIME: 20:41

X CENTROID:	0.245
Y CENTROID:	0.062
POA TO CENTROID:	0.252
HORZ SPREAD:	1.723
VERT SPREAD:	2.465
GROUP SPREAD:	2.550
MIN RADIUS:	0.121
MAX RADIUS:	1.344
MEAN RADIUS:	0.875
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.082	0.951
2:	0.341	1.219
3:	0.938	1.213
4:	0.856	-0.224
5:	0.667	-0.296
6:	0.295	-0.048
7:	0.208	-0.606
8:	0.261	-1.246
9:	-0.416	-0.638
10:	-0.785	0.292

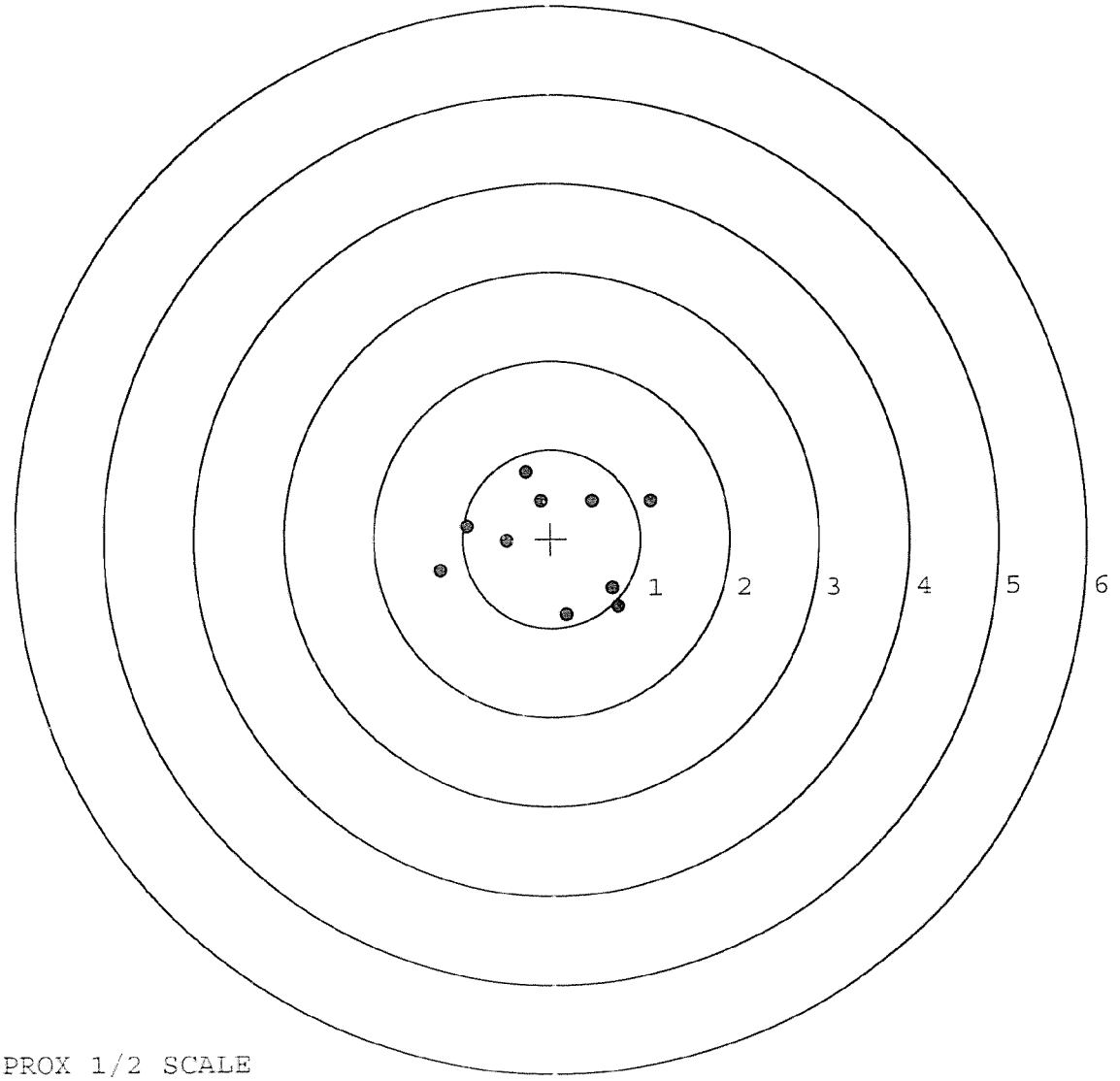


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637662.__0
TARGET NUMBER: 2
FILE DATE: 04/24/2007
FILE TIME: 20:41

X CENTROID:	0.006
Y CENTROID:	-0.041
POA TO CENTROID:	0.041
HORZ SPREAD:	2.377
VERT SPREAD:	1.611
GROUP SPREAD:	2.500
MIN RADIUS:	0.480
MAX RADIUS:	1.305
MEAN RADIUS:	0.868
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.281	0.753
2:	-0.120	0.422
3:	0.463	0.422
4:	1.118	0.415
5:	0.742	-0.766
6:	0.681	-0.555
7:	0.168	-0.858
8:	-0.501	-0.024
9:	-0.951	0.144
10:	-1.259	-0.360

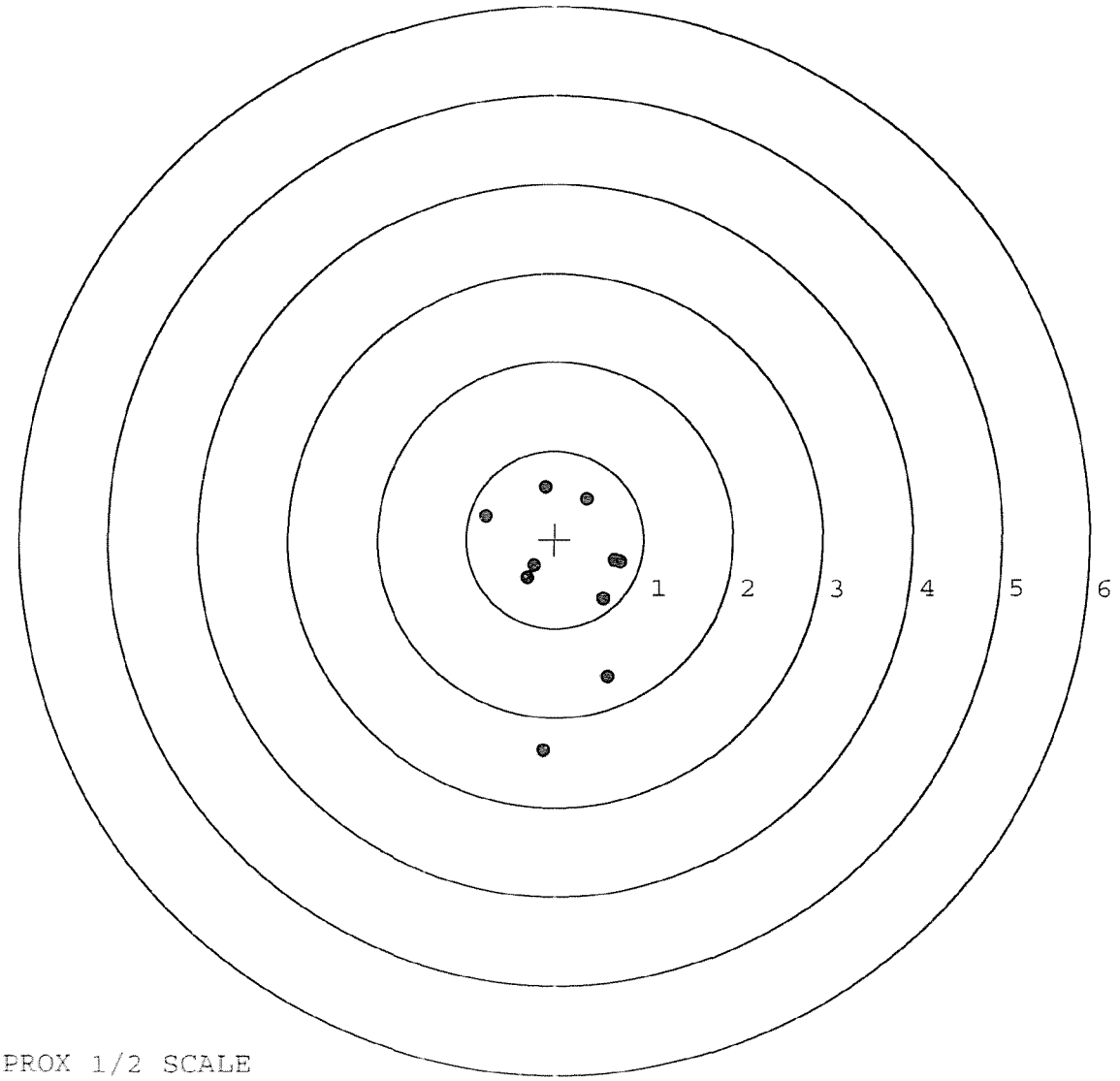


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637662.__0
TARGET NUMBER: 3
FILE DATE: 04/24/2007
FILE TIME: 20:41

X CENTROID:	0.131
Y CENTROID:	-0.451
POA TO CENTROID:	0.469
HORZ SPREAD:	1.518
VERT SPREAD:	2.954
GROUP SPREAD:	2.954
MIN RADIUS:	0.401
MAX RADIUS:	1.935
MEAN RADIUS:	0.881
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.109	0.587
2:	0.357	0.459
3:	0.734	-0.256
4:	0.543	-0.670
5:	0.591	-1.548
6:	-0.139	-2.367
7:	-0.311	-0.439
8:	-0.240	-0.299
9:	-0.784	0.262
10:	0.672	-0.235

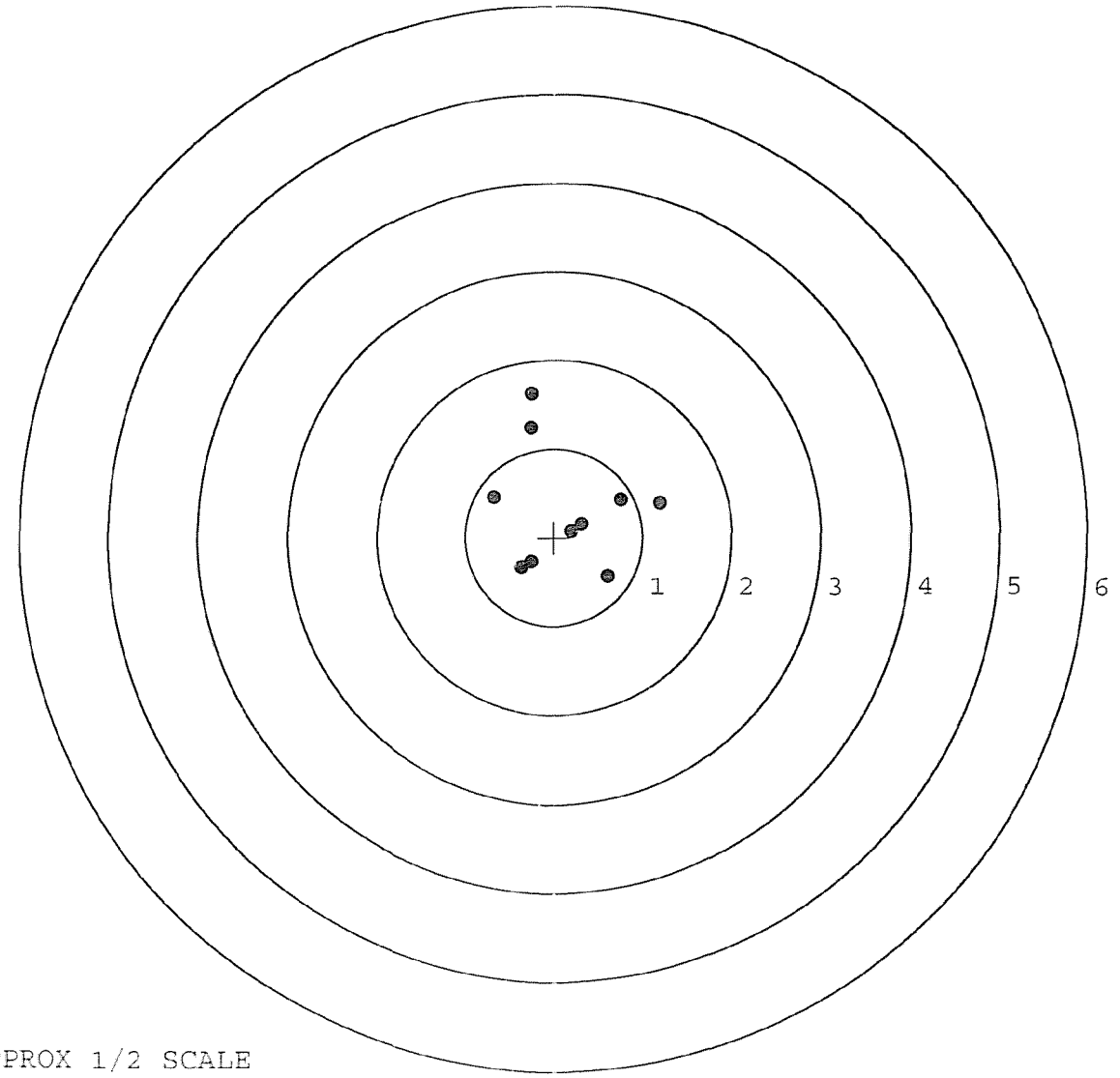


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637662.__0
TARGET NUMBER: 4
FILE DATE: 04/24/2007
FILE TIME: 20:41

X CENTROID:	0.123
Y CENTROID:	0.326
POA TO CENTROID:	0.349
HORZ SPREAD:	1.870
VERT SPREAD:	2.061
GROUP SPREAD:	2.234
MIN RADIUS:	0.265
MAX RADIUS:	1.342
MEAN RADIUS:	0.783
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.681	0.448
2:	-0.372	-0.342
3:	-0.255	-0.274
4:	0.196	0.068
5:	0.318	0.147
6:	0.748	0.422
7:	1.189	0.389
8:	0.607	-0.447
9:	-0.263	1.238
10:	-0.256	1.614

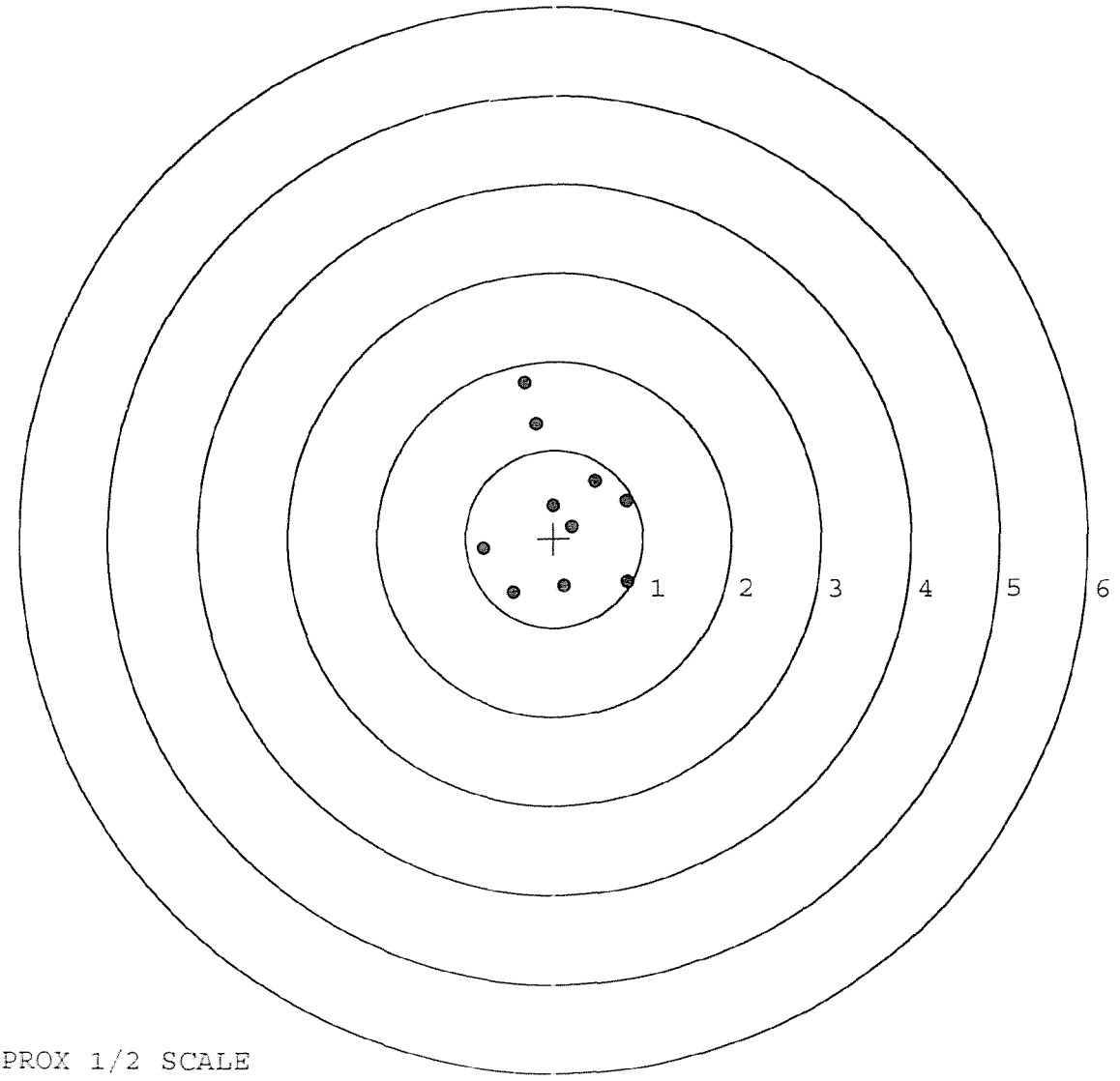


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637662.__0
TARGET NUMBER: 5
FILE DATE: 04/24/2007
FILE TIME: 20:41

X CENTROID:	0.060
Y CENTROID:	0.287
POA TO CENTROID:	0.294
HORZ SPREAD:	1.632
VERT SPREAD:	2.365
GROUP SPREAD:	2.535
MIN RADIUS:	0.113
MAX RADIUS:	1.527
MEAN RADIUS:	0.811
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.340	1.761
2:	-0.208	1.297
3:	0.463	0.642
4:	0.817	0.430
5:	0.201	0.127
6:	-0.020	0.367
7:	-0.799	-0.124
8:	-0.466	-0.604
9:	0.115	-0.536
10:	0.833	-0.486



TARGET APPROX 1/2 SCALE