

G6590156

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

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6590156

UPC



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

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0 47700 25716 7

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0 47700 25716 7

SERIAL NO.



66590156

M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6590156

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-17-06	RTZ
420	ASSEMBLE ACTION		10-17-06	RTZ
430	ASSEMBLE TO STOCK		10-17-06	R.P.D.
440	PROOF		10-17-06	R.P.D.
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	10-17-06	R.P.D.
470	DIS-ASSEMBLE ACTION	OCT 19 2006	10-18-06	BLG
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CPD</u>	10-19-06	R.P.D.
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-20-06	GB
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	FB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11/17/06	nom
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11/17/06	nom
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11/17/06	nom
	D) OIL FIRING PIN ASSEMBLY		11-30-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

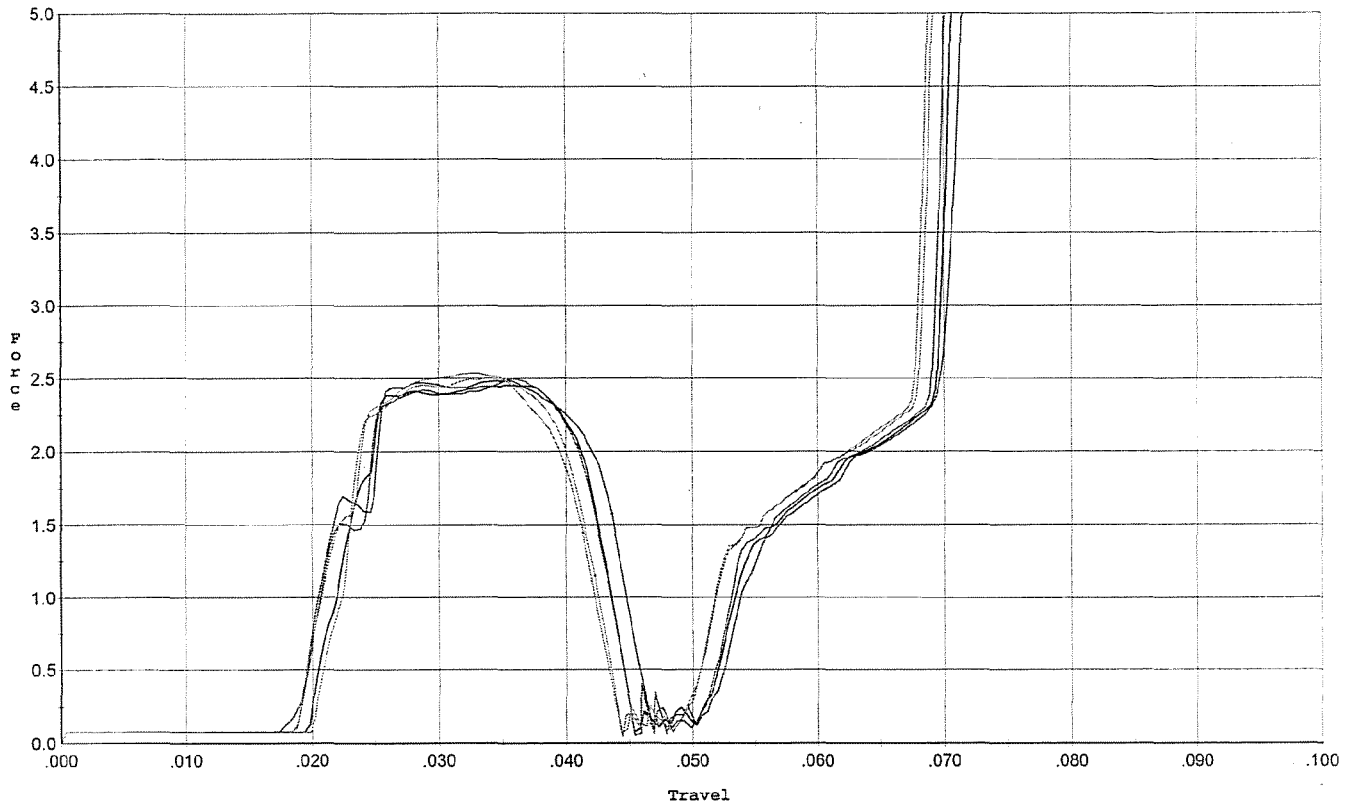
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>40</u> <u>45</u> <u>45</u>	12-13-06	SD
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>60</u> <u>60</u> <u>55</u>	12-13-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.024</u>	12-13-06	SD
	J) ASSEMBLE STOCK		11-30-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		12-18-06	L.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-18-06	L.P.D.
	M) IRON SIGHT ALIGNMENT		12-18-06	L.P.D.
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-18-06	L.P.D.
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	12-5-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		12-5-06 12-5-06	RP
670	FINAL INSPECTION A) HEADSPACE		12-18-06	L.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.72</u> <u>2.54</u> <u>2.45</u> <u>2.40</u> <u>2.43</u>	12-13-06	BLG
	C) FUNCTION		12-18-06	L.P.D.
690	PACK		1-28-07	BA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 11/8/06

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. ini.



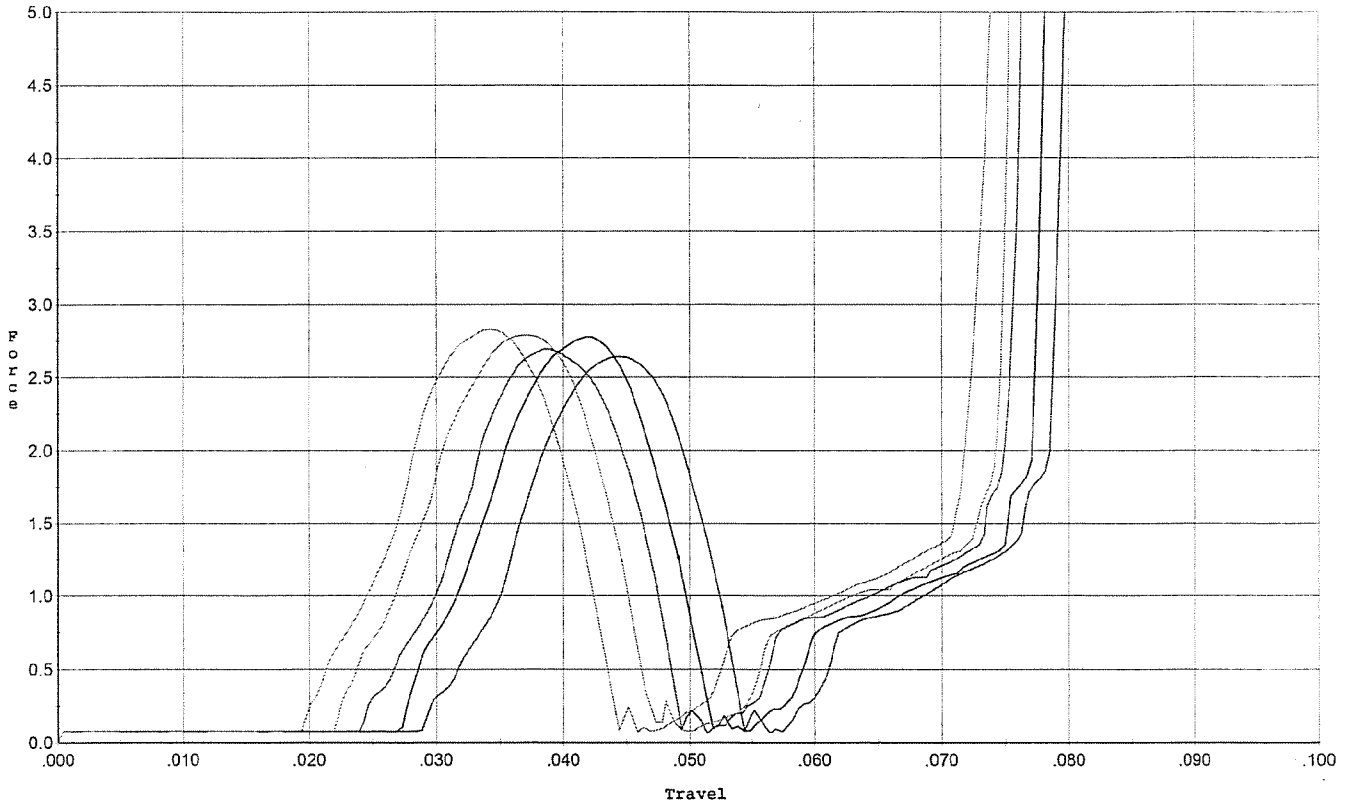
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.482	0.044	0.019	0.032	0.052		Set Trigger
2	2.455	0.043	0.020	0.032	0.049		Set Trigger
3	2.498	0.043	0.019	0.031	0.050		Set Trigger
4	2.501	0.042	0.020	0.031	0.047		Set Trigger
5	2.535	0.041	0.019	0.031	0.047		Set Trigger

2.50

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 11/8/06

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 lbs. after 50 cycles



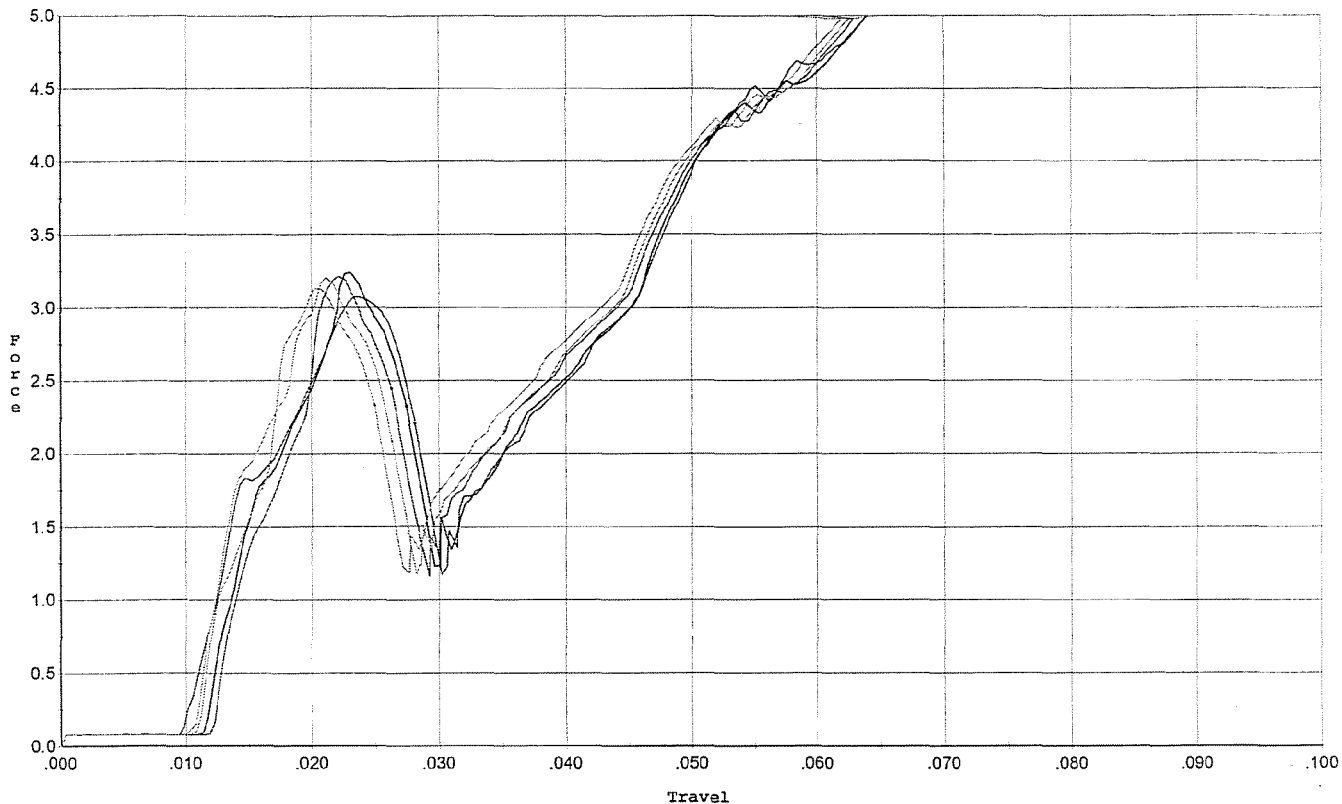
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.641	0.053	0.029	0.034	0.042		Set Trigger
2	2.775	0.049	0.028	0.034	0.043		Set Trigger
3	2.692	0.047	0.024	0.034	0.042		Set Trigger
4	2.788	0.045	0.022	0.034	0.043		Set Trigger
5	2.830	0.043	0.020	0.035	0.043		Set Trigger

2.74

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 11/8/06

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs ini.



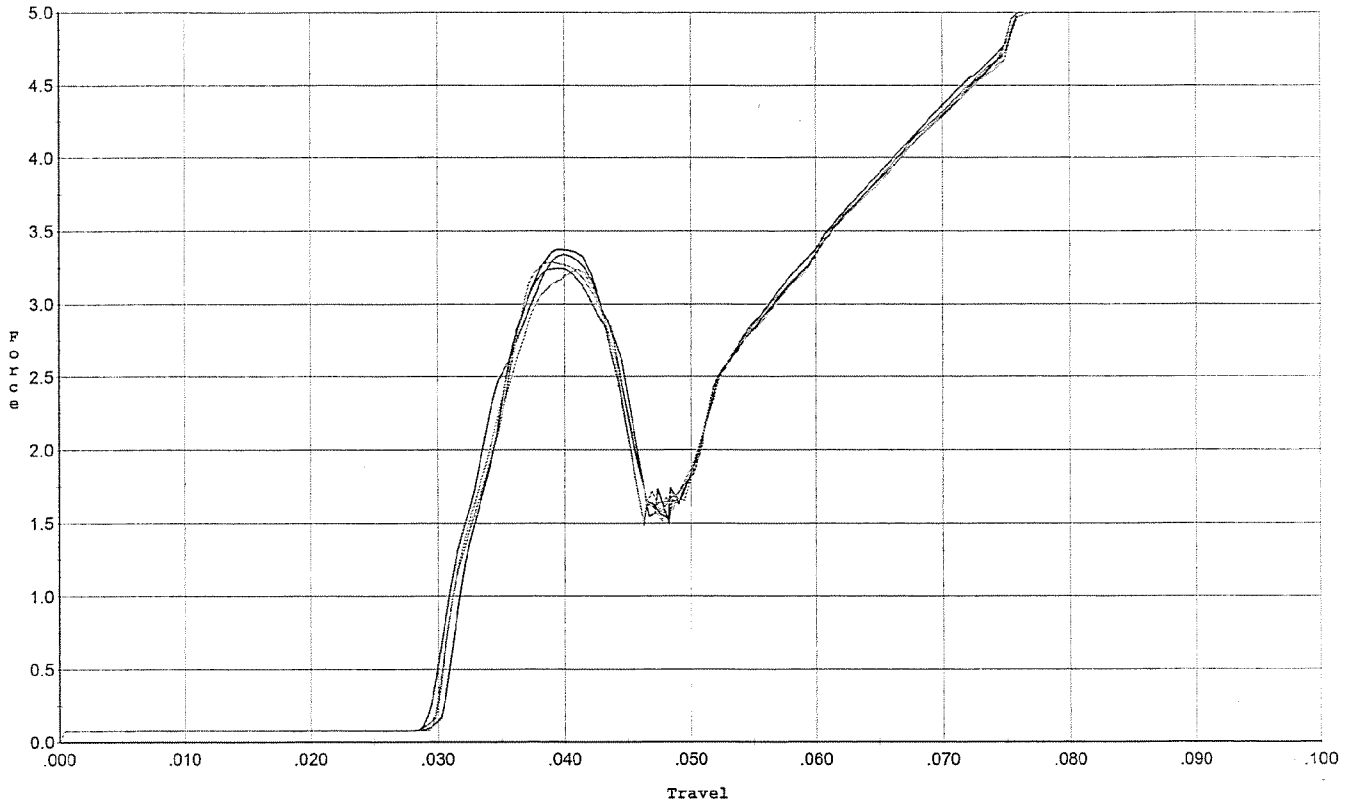
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.072	0.028	0.010	0.041	0.039		Set Trigger
2	3.240	0.027	0.012	0.041	0.035		Set Trigger
3	3.212	0.026	0.012	0.040	0.032		Set Trigger
4	3.205	0.026	0.011	0.040	0.036		Set Trigger
5	3.128	0.025	0.011	0.040	0.031		Set Trigger

3.17

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 11/8/06

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs after 20 cycles



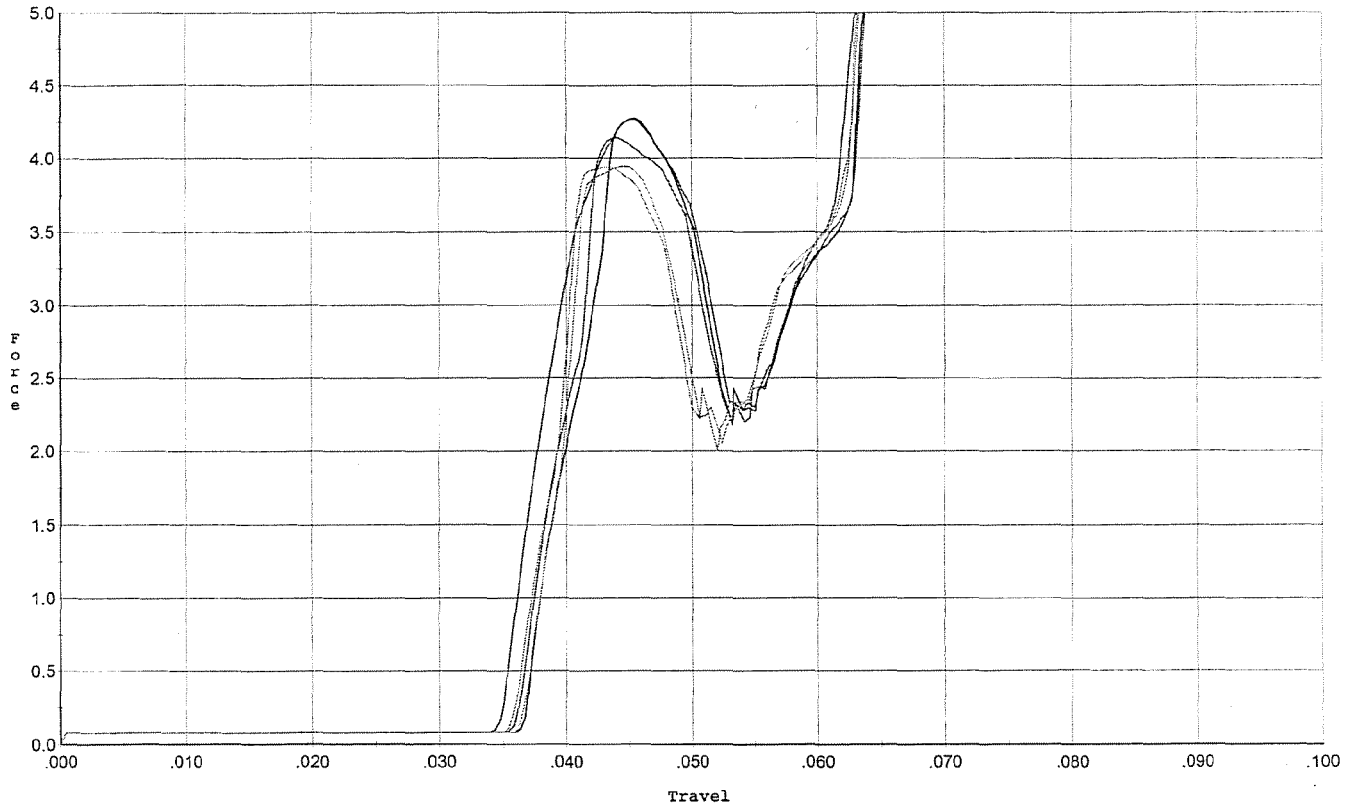
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.340	0.045	0.029	0.038	0.042		Set Trigger
2	3.372	0.044	0.031	0.038	0.039		Set Trigger
3	3.246	0.044	0.030	0.038	0.039		Set Trigger
4	3.288	0.044	0.030	0.039	0.039		Set Trigger
5	3.241	0.044	0.030	0.039	0.038		Set Trigger

3.30

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs ini.



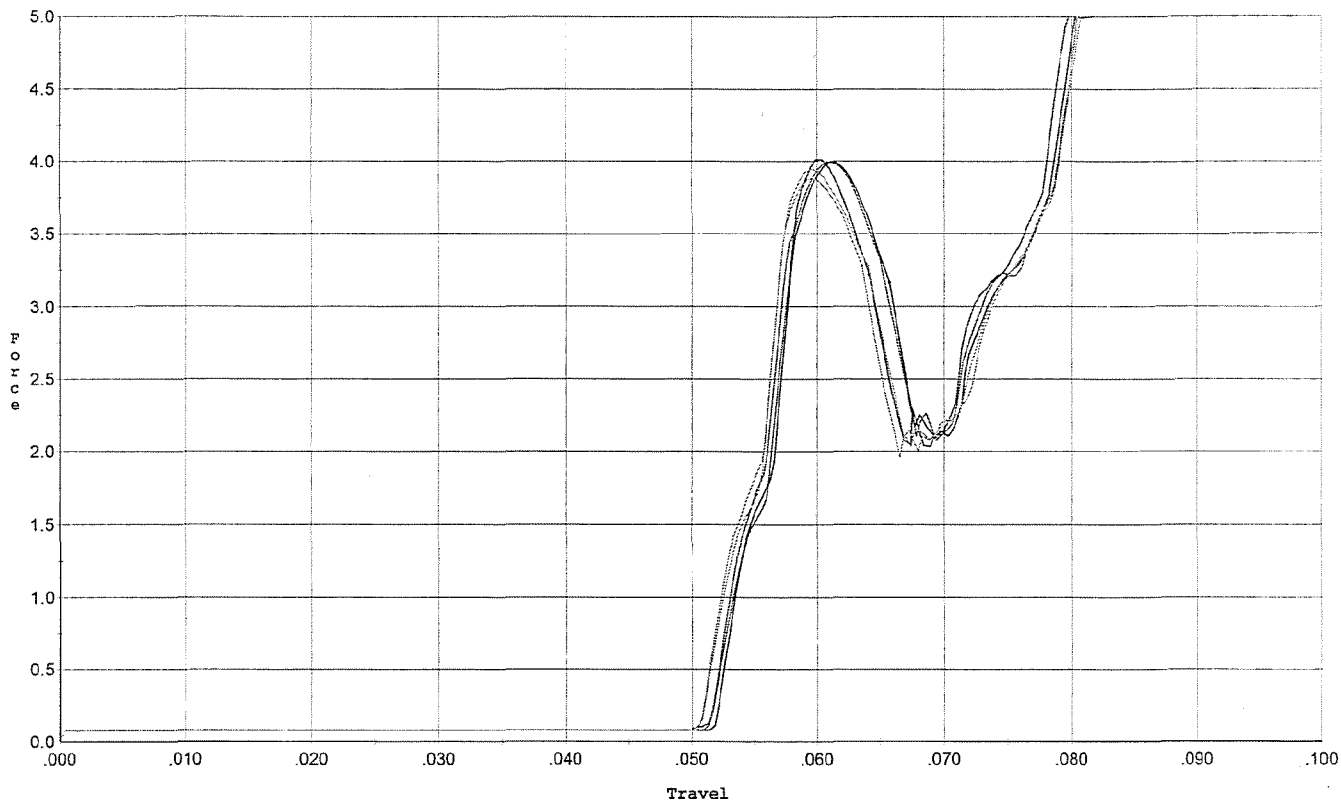
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.265	0.051	0.035	0.017	0.058		Set Trigger
2	4.273	0.050	0.037	0.018	0.049		Set Trigger
3	4.138	0.049	0.036	0.019	0.049		Set Trigger
4	3.947	0.049	0.037	0.020	0.043		Set Trigger
5	3.943	0.048	0.036	0.020	0.043		Set Trigger

4.1

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 11/8/06

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 lbs. after 20 cycles



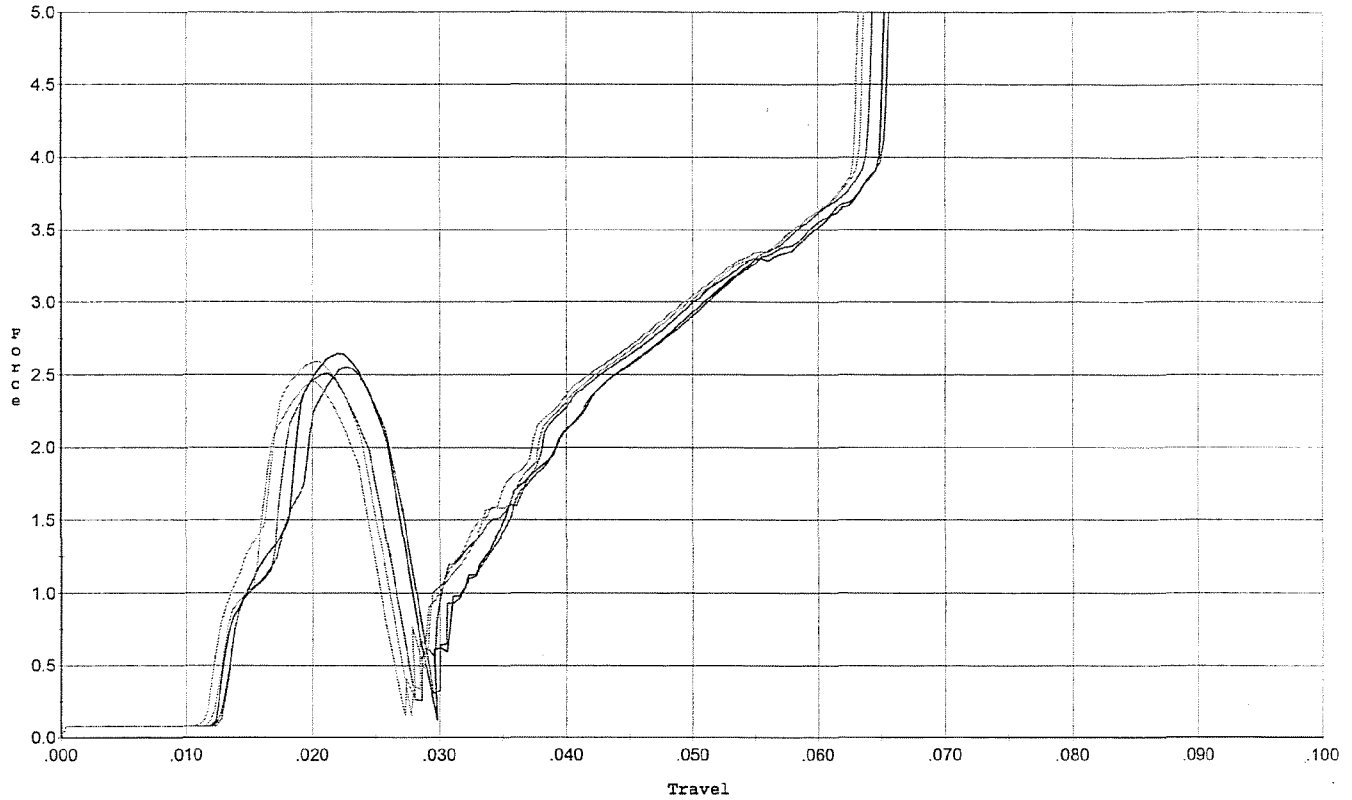
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.013	0.064	0.052	0.021	0.042		Set Trigger
2	3.996	0.066	0.052	0.020	0.047		Set Trigger
3	3.997	0.066	0.052	0.020	0.049		Set Trigger
4	3.947	0.064	0.051	0.022	0.045		Set Trigger
5	3.885	0.064	0.051	0.022	0.043		Set Trigger

3.97

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 11/8/06

Model: M/24
Serial No: Form #F005
Trigger: Final Test & Reset 2.5 lbs.



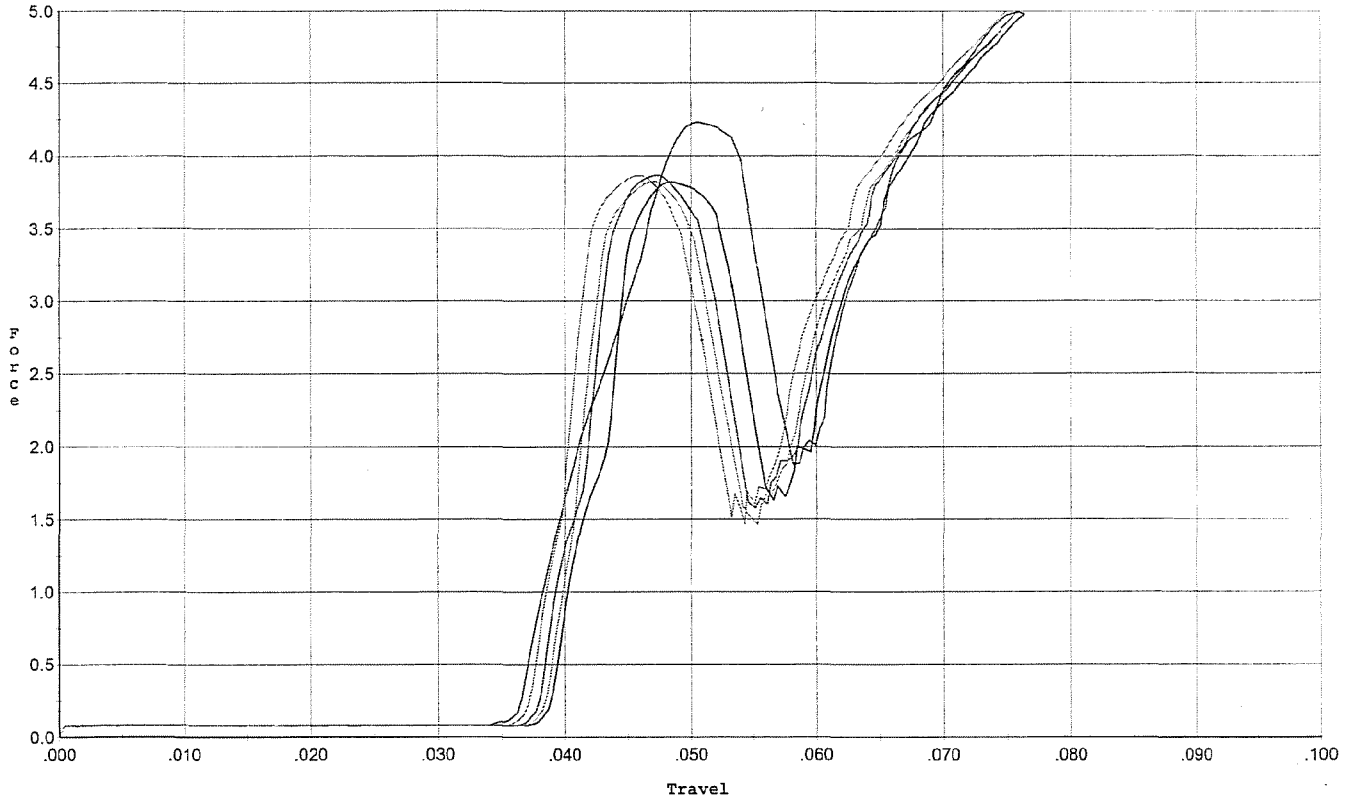
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.553	0.027	0.013	0.042	0.026		Set Trigger
2	2.645	0.026	0.013	0.042	0.026		Set Trigger
3	2.512	0.026	0.013	0.042	0.024		Set Trigger
4	2.590	0.026	0.012	0.042	0.026		Set Trigger
5	2.453	0.024	0.012	0.043	0.022		Set Trigger

2.55

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 11/8/06

Model: M/24
Serial No: Form #F005
Trigger: Reset to 4.0 lbs. for target and accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.231	0.054	0.037	0.034	0.060		Set Trigger
2	3.822	0.053	0.039	0.037	0.047		Set Trigger
3	3.866	0.052	0.038	0.038	0.046		Set Trigger
4	3.827	0.050	0.039	0.039	0.043		Set Trigger
5	3.866	0.051	0.037	0.038	0.046		Set Trigger

3.92

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590156.___0
FILE DATE AND TIME: 12/06/2006 05:52

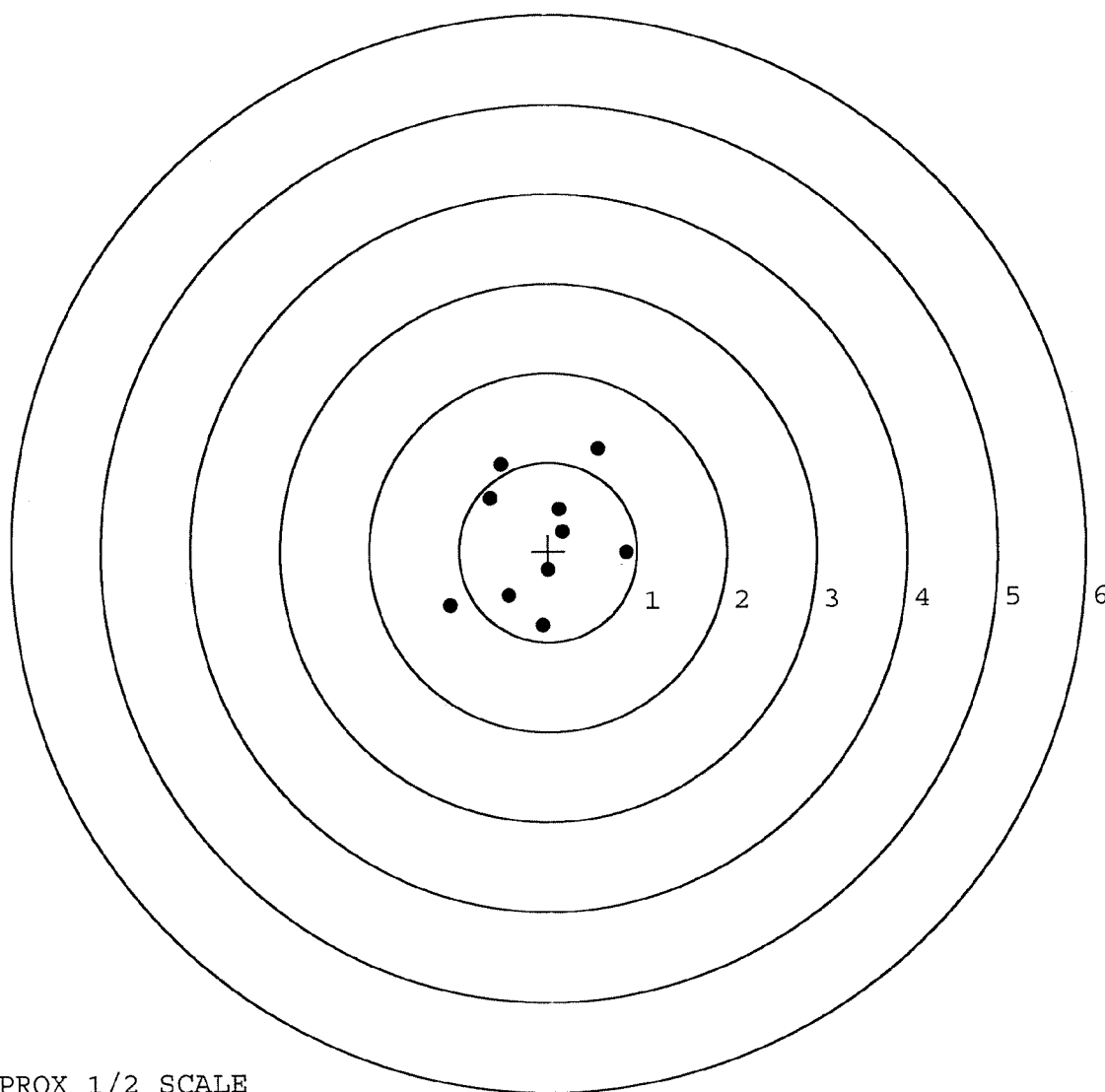
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.049
The Average Y Centroid of the Five Target Set:	0.032
The Average Point of Impact of the Five Target Set:	0.058
The Average Mean Radius of the Five Target Set:	0.667
The Distance from POA to Centroid Target #1:	0.167
The Distance from Centroid Target #2 to Centroid Target #1:	0.121
The Distance from Centroid Target #3 to Centroid Target #1:	0.119
The Distance from Centroid Target #4 to Centroid Target #1:	0.123
The Distance from Centroid Target #5 to Centroid Target #1:	0.211

SERIAL NUMBER: G6590156. __0
TARGET NUMBER: 1
FILE DATE: 12/06/2006
FILE TIME: 05:52

X CENTROID: -0.109
Y CENTROID: 0.126
POA TO CENTROID: 0.167
HORZ SPREAD: 1.976
VERT SPREAD: 1.977
GROUP SPREAD: 2.419
MIN RADIUS: 0.286
MAX RADIUS: 1.230
MEAN RADIUS: 0.782
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.102	-0.597
2:	-0.453	-0.492
3:	-0.072	-0.824
4:	0.874	-0.021
5:	-0.012	-0.210
6:	0.162	0.216
7:	0.122	0.469
8:	0.568	1.153
9:	-0.530	0.974
10:	-0.652	0.596



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590156. 0

TARGET NUMBER: 2

FILE DATE: 12/06/2006

FILE TIME: 05:52

X CENTROID: -0.050

Y CENTROID: 0.021

POA TO CENTROID: 0.054

HORZ SPREAD: 1.312

VERT SPREAD: 2.279

GROUP SPREAD: 2.282

MIN RADIUS: 0.410

MAX RADIUS: 1.273

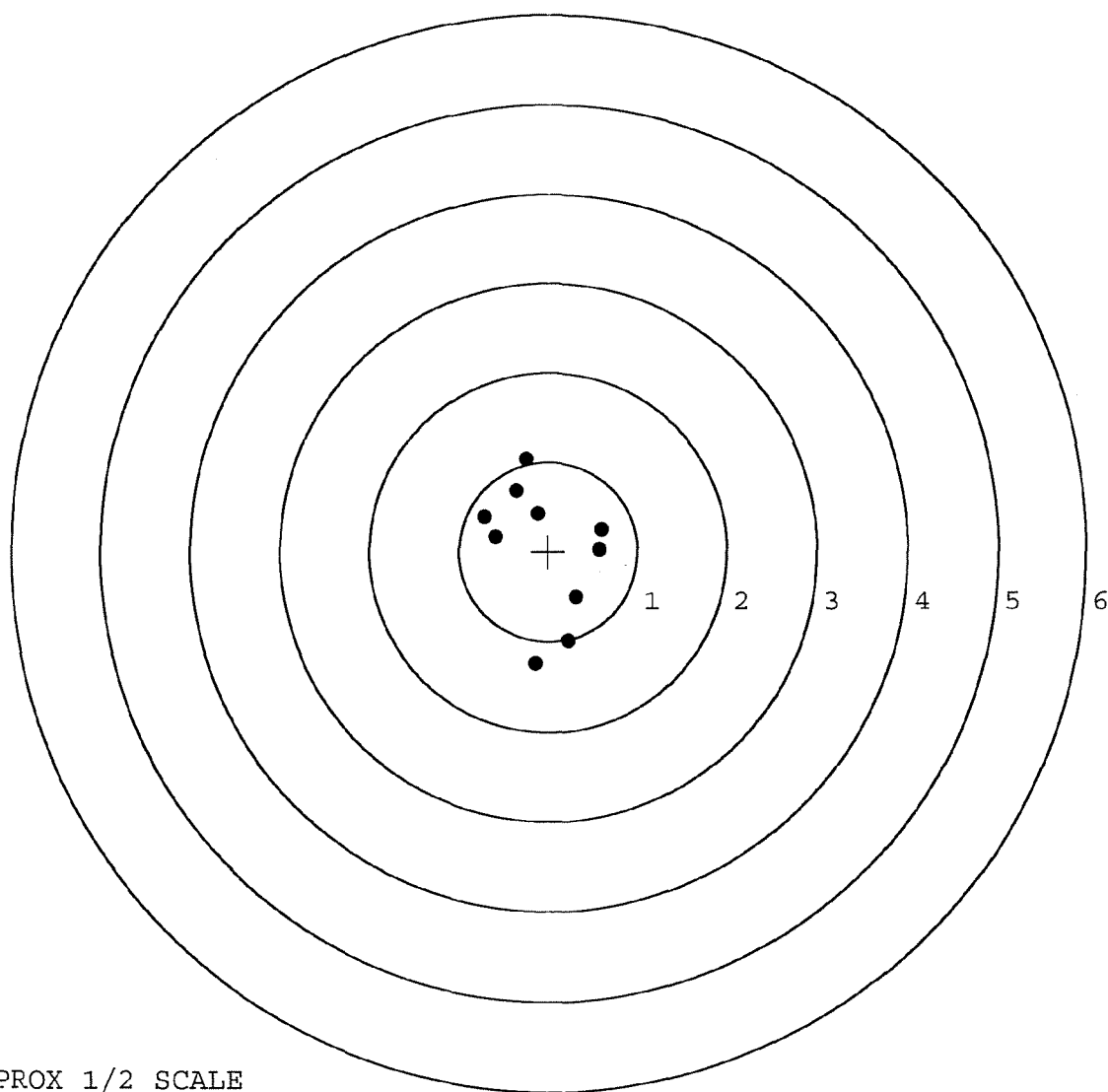
MEAN RADIUS: 0.777

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.253	1.031
2:	-0.364	0.676
3:	-0.125	0.424
4:	-0.716	0.392
5:	-0.597	0.162
6:	0.596	0.252
7:	0.575	0.026
8:	0.308	-0.512
9:	0.224	-0.994
10:	-0.146	-1.248

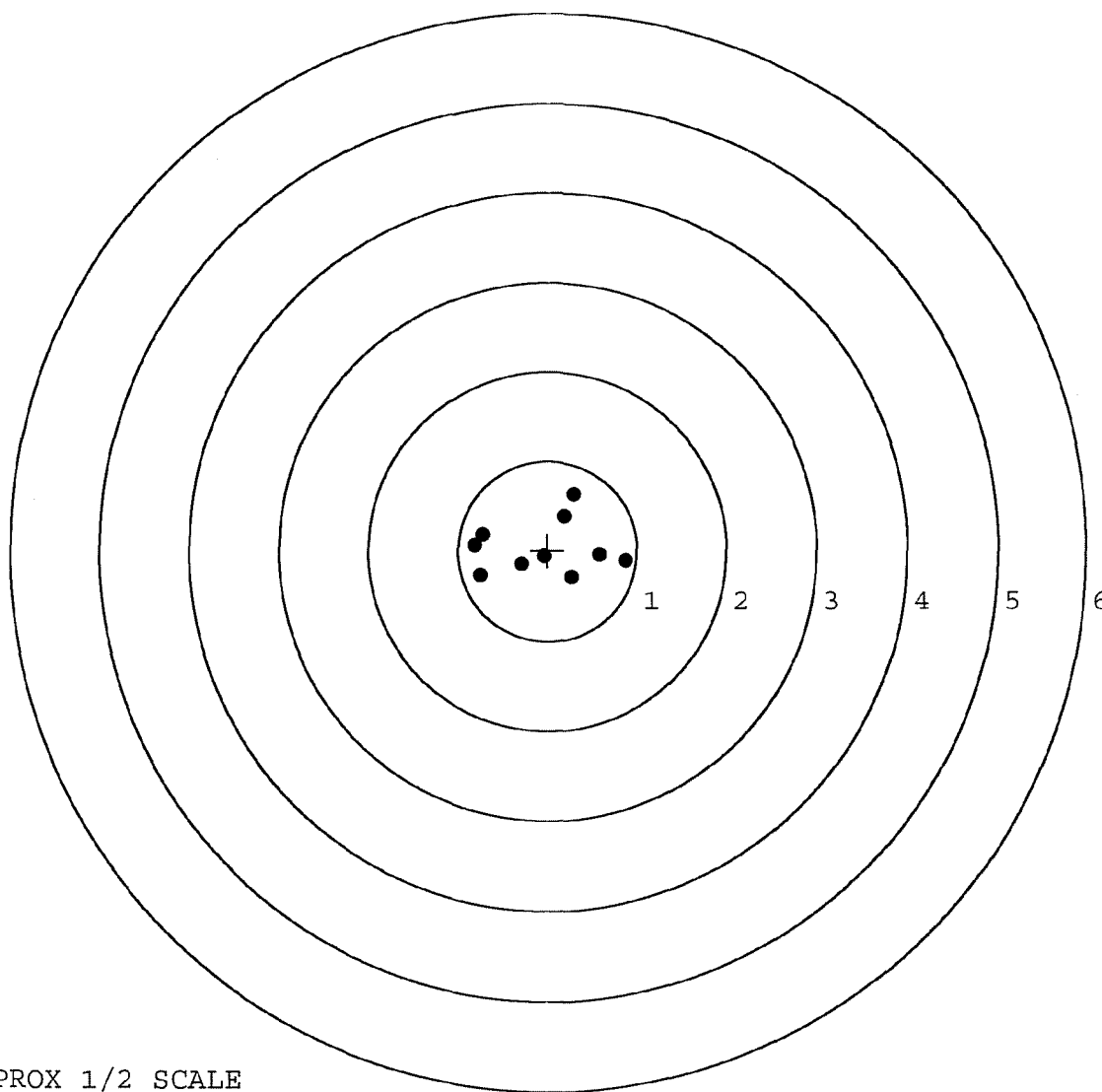


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590156. __0
TARGET NUMBER: 3
FILE DATE: 12/06/2006
FILE TIME: 05:52

X CENTROID: -0.043
Y CENTROID: 0.028
POA TO CENTROID: 0.051
HORZ SPREAD: 1.692
VERT SPREAD: 0.929
GROUP SPREAD: 1.701
MIN RADIUS: 0.099
MAX RADIUS: 0.929
MEAN RADIUS: 0.578
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.292	0.633
2:	0.184	0.383
3:	0.875	-0.118
4:	0.583	-0.051
5:	0.267	-0.296
6:	-0.037	-0.070
7:	-0.290	-0.159
8:	-0.752	-0.274
9:	-0.731	0.178
10:	-0.817	0.059



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590156. 0

TARGET NUMBER: 4

FILE DATE: 12/06/2006

FILE TIME: 05:52

X CENTROID: -0.083

Y CENTROID: 0.006

POA TO CENTROID: 0.083

HORZ SPREAD: 1.372

VERT SPREAD: 1.790

GROUP SPREAD: 2.161

MIN RADIUS: 0.187

MAX RADIUS: 1.096

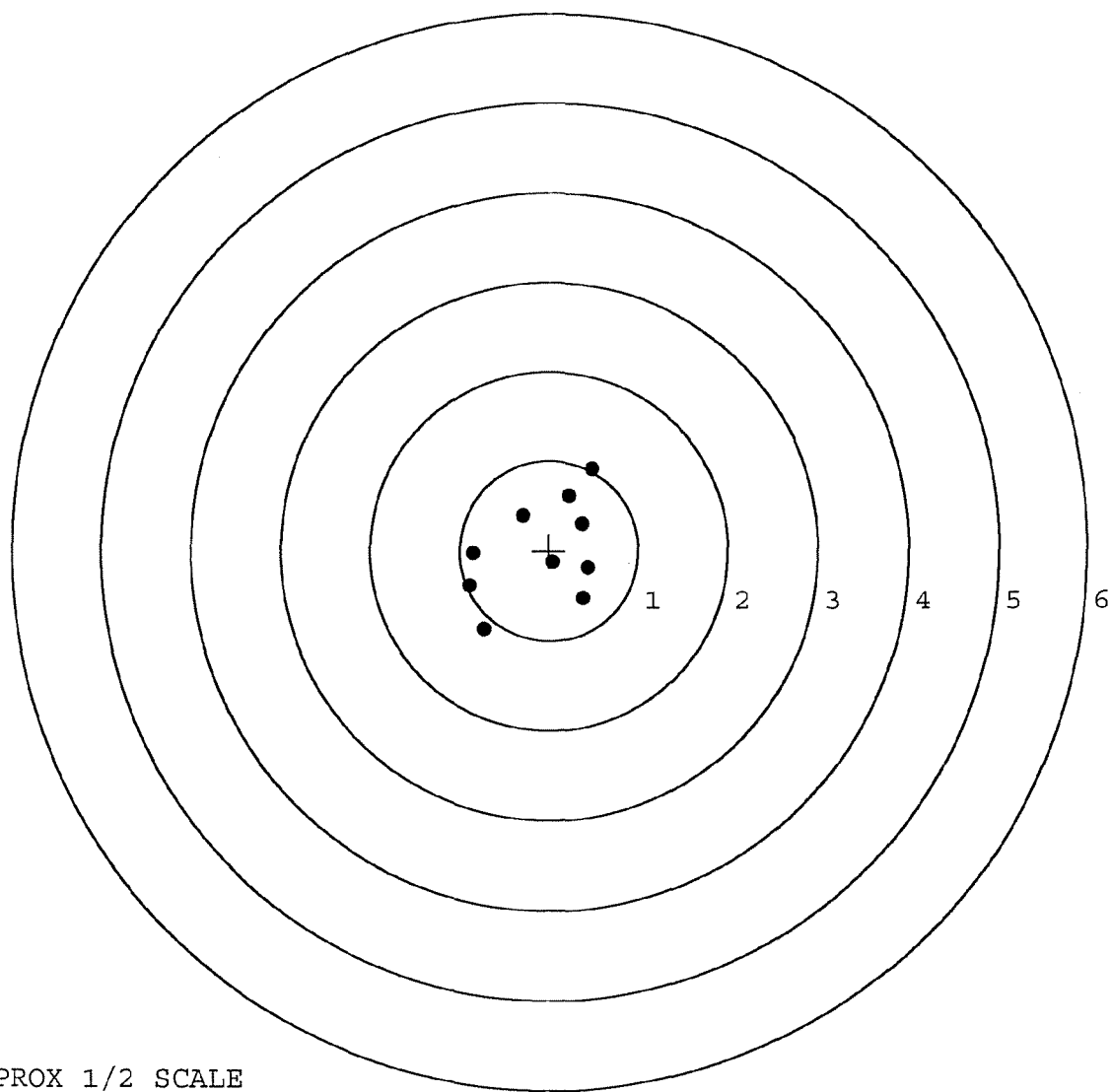
MEAN RADIUS: 0.694

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.730	-0.879
2:	-0.891	-0.392
3:	-0.850	-0.033
4:	0.384	-0.528
5:	0.438	-0.192
6:	0.044	-0.131
7:	0.481	0.911
8:	0.226	0.609
9:	0.367	0.305
10:	-0.300	0.388



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590156. __0

TARGET NUMBER: 5

FILE DATE: 12/06/2006

FILE TIME: 05:52

X CENTROID: 0.039

Y CENTROID: -0.023

POA TO CENTROID: 0.046

HORZ SPREAD: 1.929

VERT SPREAD: 0.892

GROUP SPREAD: 1.929

MIN RADIUS: 0.124

MAX RADIUS: 1.124

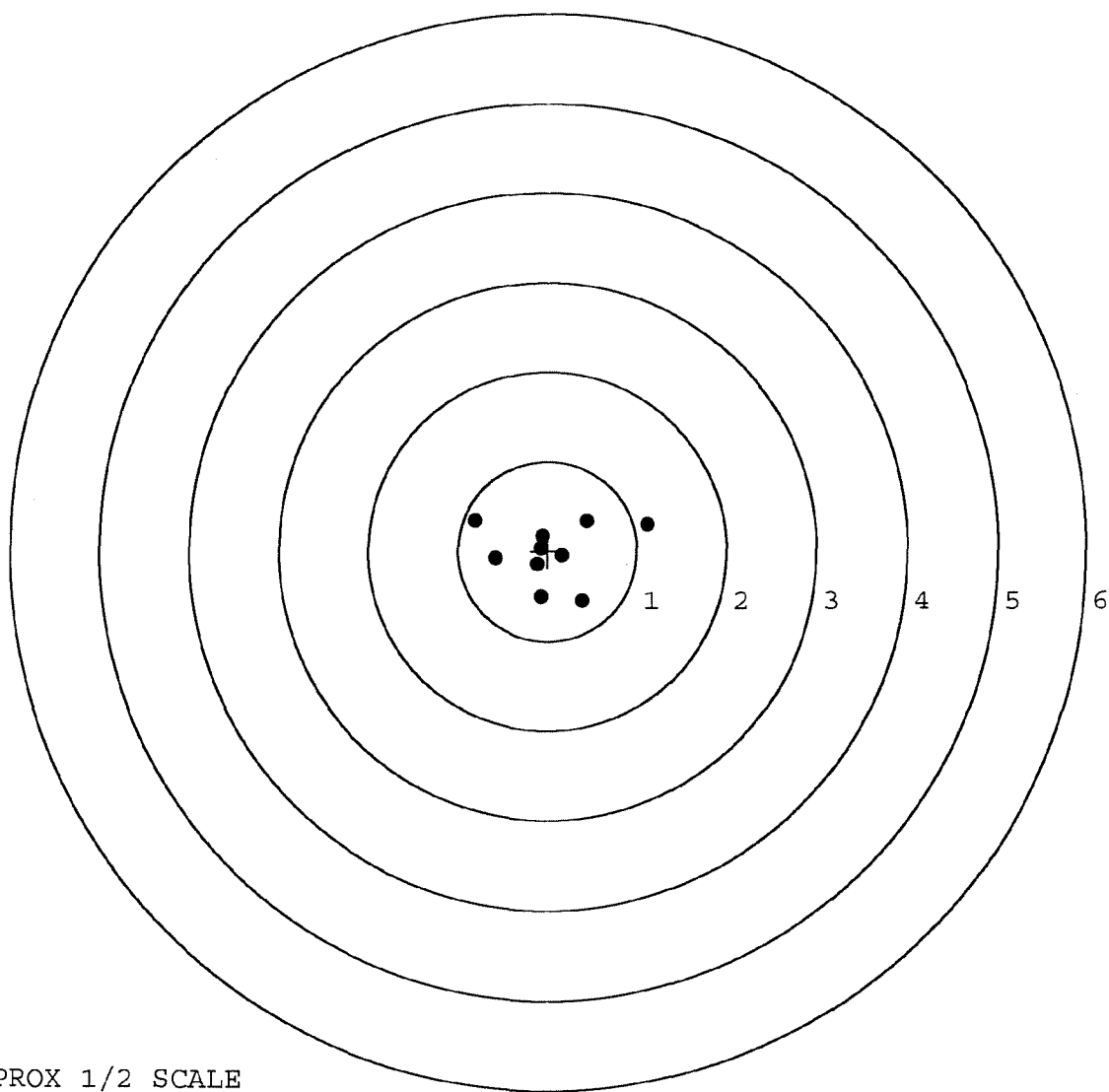
MEAN RADIUS: 0.501

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.119	0.289
2:	0.391	-0.559
3:	-0.080	-0.513
4:	0.435	0.333
5:	0.166	-0.060
6:	-0.114	-0.148
7:	-0.056	0.160
8:	-0.584	-0.091
9:	-0.810	0.330
10:	-0.074	0.028



TARGET APPROX 1/2 SCALE