

6749784

M/24 7.62 NATO (RIFLE ONLY)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

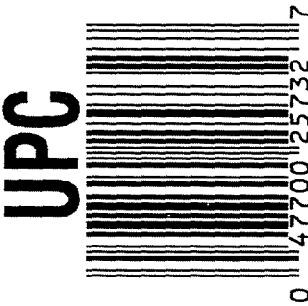
- INSTRUCTION BOOK 3518

P5, FORM 200348



ORDER NO.	25732
BARREL LENGTH	24"
CAPACITY	5

G6749784



FJ

GUN SERIAL #

G 6749784

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420	ASSEMBLE ACTION		6/11/08	L.P.D.
430	ASSEMBLE TO STOCK		6/11/08	SP
440	PROOF		6-11-08	SD
460	CHECK HEADSPACE		6-11-08	SD
470	DIS-ASSEMBLE ACTION		6/11/08	L.P.D.
472	SERIALIZE BOLT HANDLE		6-16-08	L.P.D.
475	DRILL AND TAP SIGHT HOLES		6-17-08	SP
480	MAGNAFLUX BBL ACTION		6/21/08	unn
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		6/18/08	RT
520	GOFF BLAST BBL / REC		6/20	RT
542	APPLY COATINGS (BARREL ACTION)		6/25/08	unn
545	(BOLT)			
560	RE-ASSEMBLE ACTION		6/26/08	RP
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		6/26/08	RP
	C) INSPECT EJECTOR HOLE FOR CHAMFER		6/26/08	RP
	D) OIL FIRING PIN ASSEMBLY		6-27-08	BSN
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE			

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>6.2</u> <u>6.2</u>	6/30/08	RP
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.3</u> <u>4.0</u> <u>4.2</u>	6/30/08	RP
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.023</u>	6/30/08	RP
	J) ASSEMBLE STOCK		6-27-08	PSN
	K) ASSEMBLE SWIVEL STUDS		6/30/08	RP
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			
	M) IRON SIGHT ALIGNMENT			
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			
640 &	FUNCTION TEST AND	<u>PASS</u> FAIL	6-30-08	TRW
650	TARGET	<u>PASS</u> FAIL		
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		6/30/08	me
670	FINAL INSPECTION A) HEADSPACE			
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.54</u> <u>2.56</u> <u>2.46</u> <u>2.55</u> <u>2.63</u>	6-30-08	SD
	C) FUNCTION		6/30/08	RP
690	PACK	8/5/09 Em	6/30/08	RP

F004 REV 5/2006

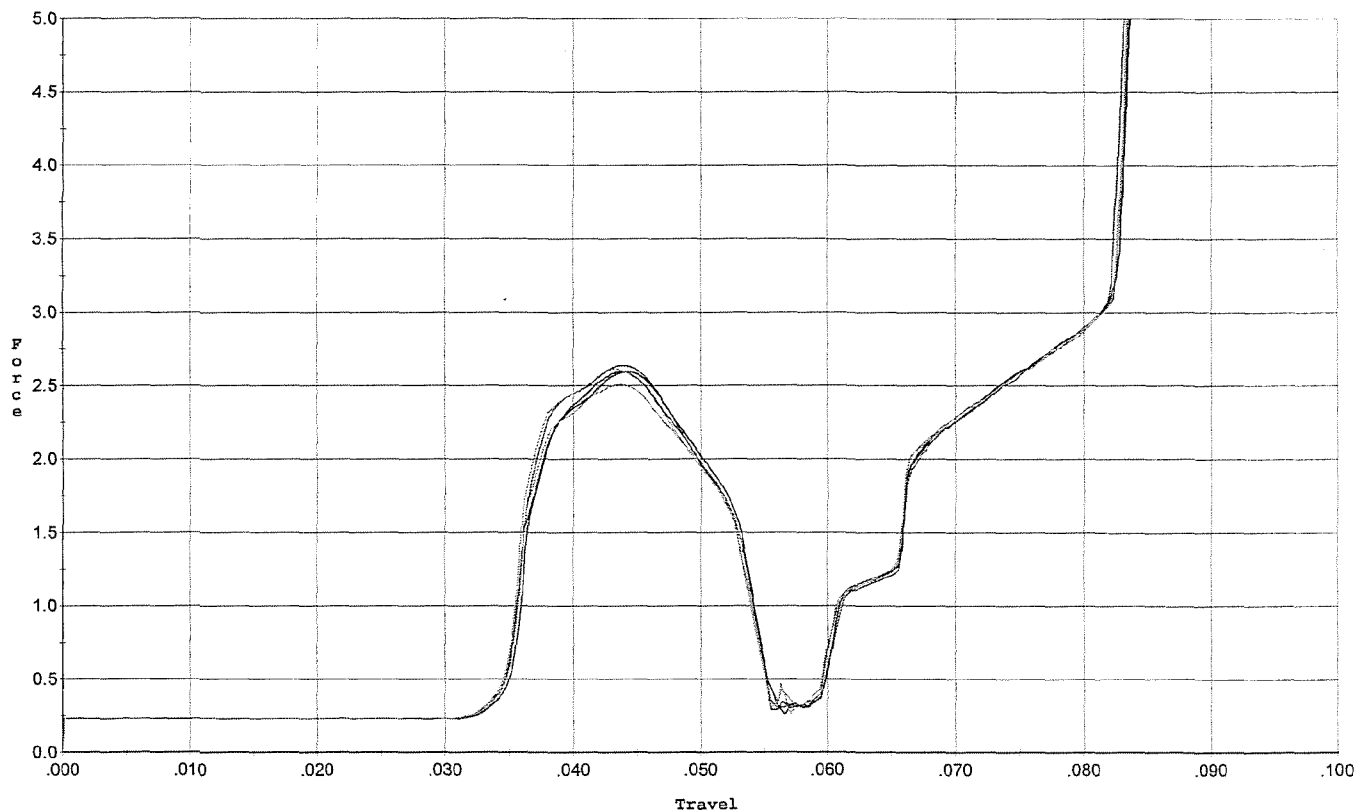
CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0138813~~ 138852

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/14/08

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. ini. +/- .50 lbs.



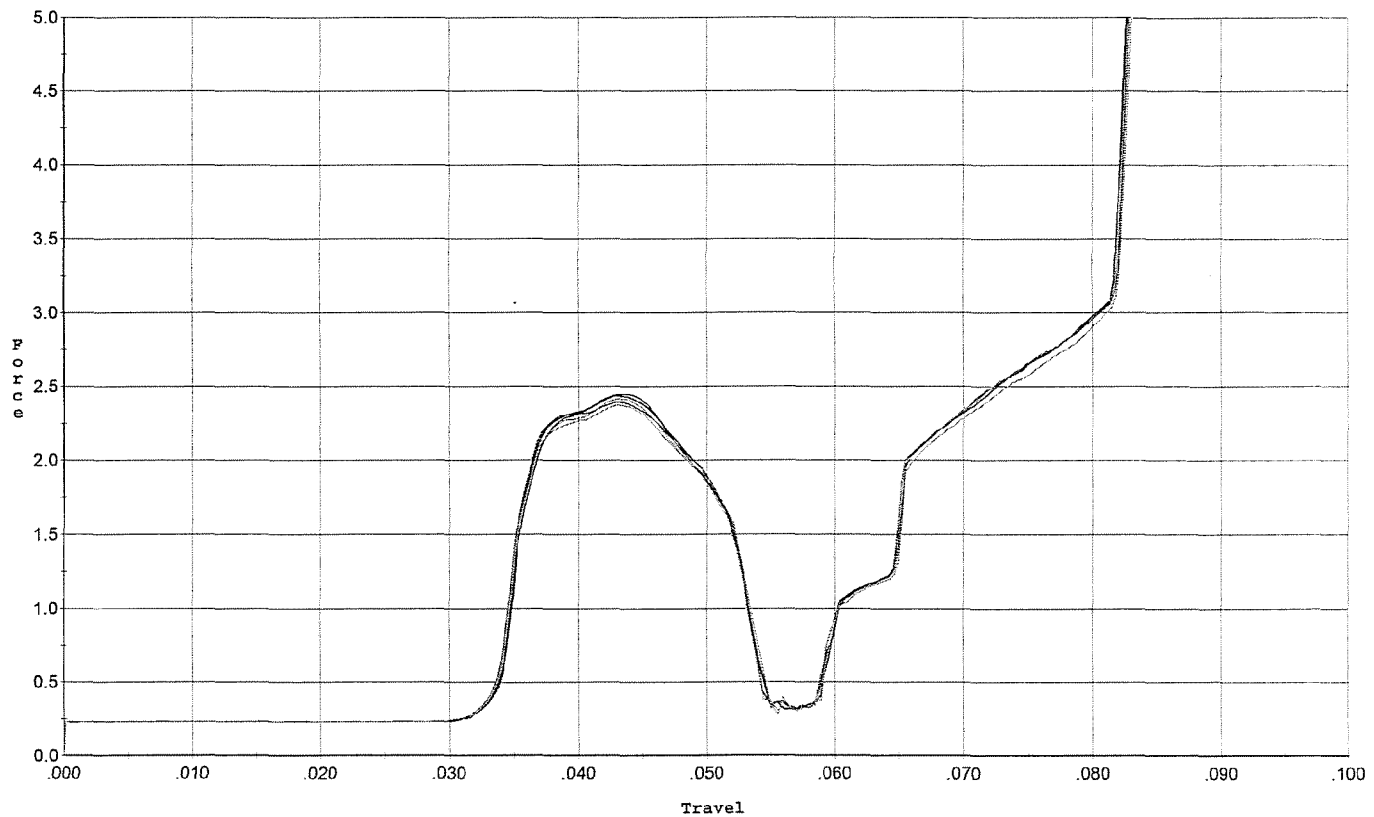
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.599	0.054	0.034	0.036	0.047		Set Trigger
2	2.595	0.053	0.035	0.036	0.047		Set Trigger
3	2.636	0.053	0.035	0.036	0.048		Set Trigger
4	2.615	0.054	0.034	0.036	0.048		Set Trigger
5	2.509	0.053	0.034	0.036	0.046		Set Trigger

AVG 2.59

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/14/08

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



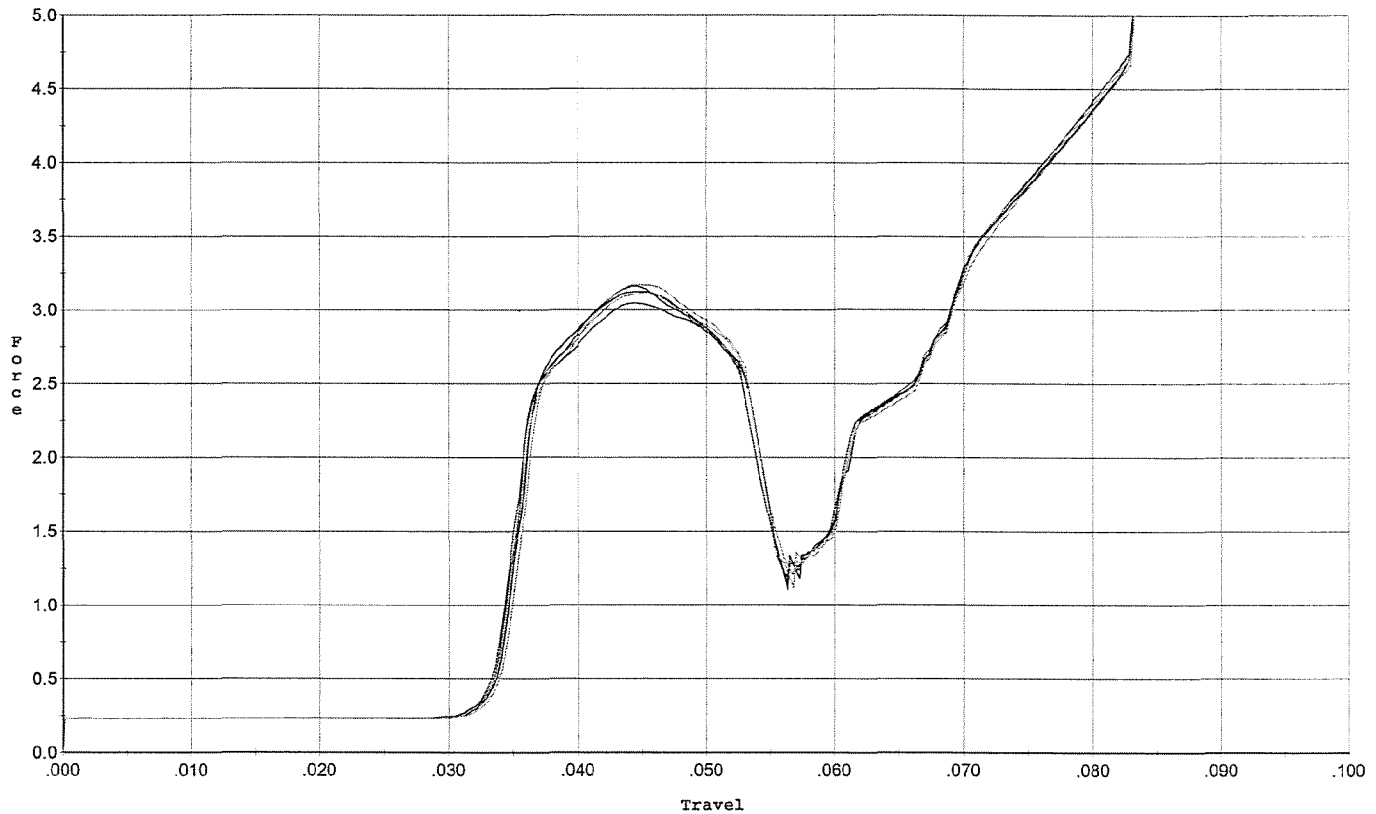
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.447	0.052	0.034	0.036	0.046		Set Trigger
2	2.436	0.052	0.033	0.036	0.046		Set Trigger
3	2.394	0.052	0.033	0.035	0.046		Set Trigger
4	2.372	0.052	0.033	0.036	0.045		Set Trigger
5	2.414	0.054	0.033	0.035	0.047		Set Trigger

Avg 2.41

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/14/08

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. ini. +/- .75 lbs.



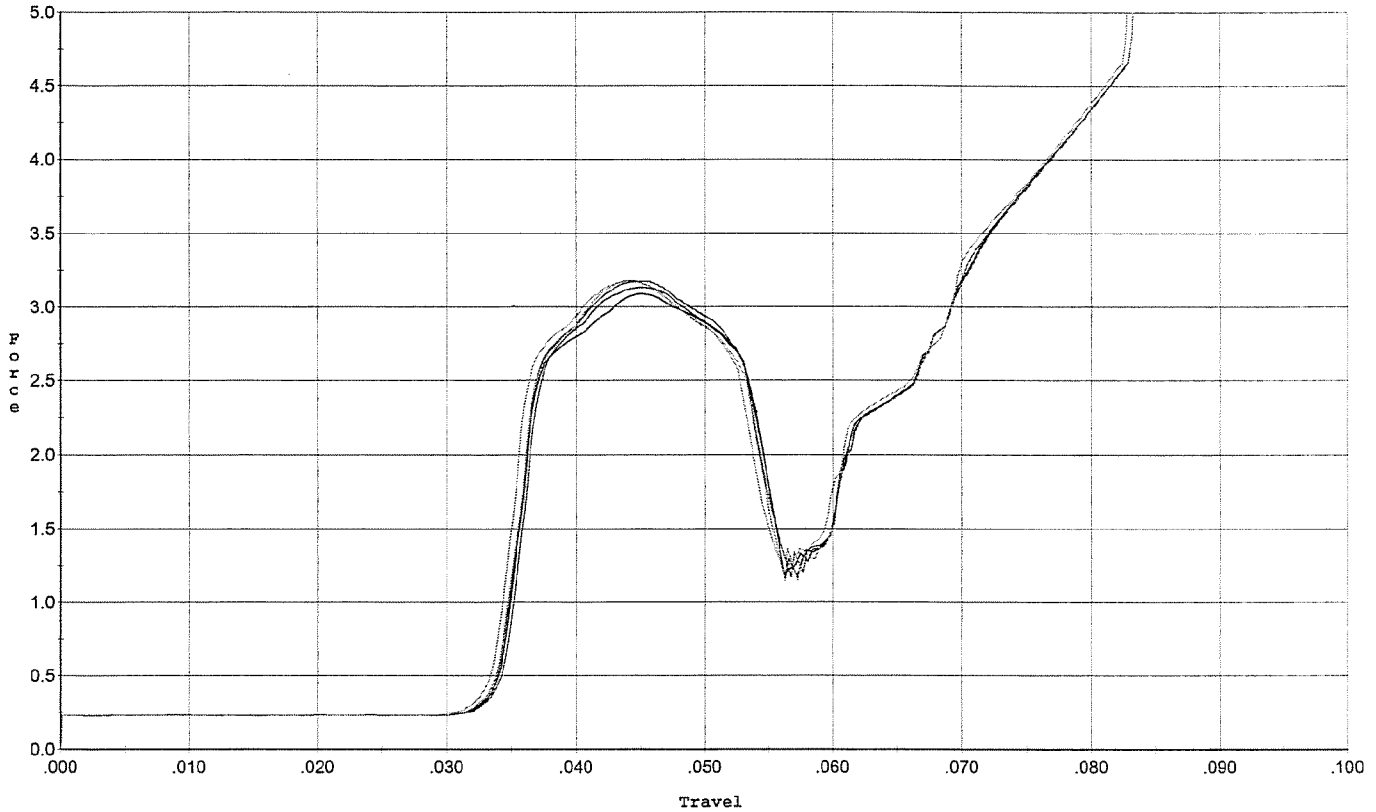
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.162	0.053	0.033	0.035	0.060		Set Trigger
2	3.123	0.053	0.033	0.035	0.061		Set Trigger
3	3.048	0.053	0.033	0.035	0.060		Set Trigger
4	3.118	0.053	0.033	0.035	0.061		Set Trigger
5	3.174	0.053	0.033	0.035	0.061		Set Trigger

Avg 3.12

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/14/08

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



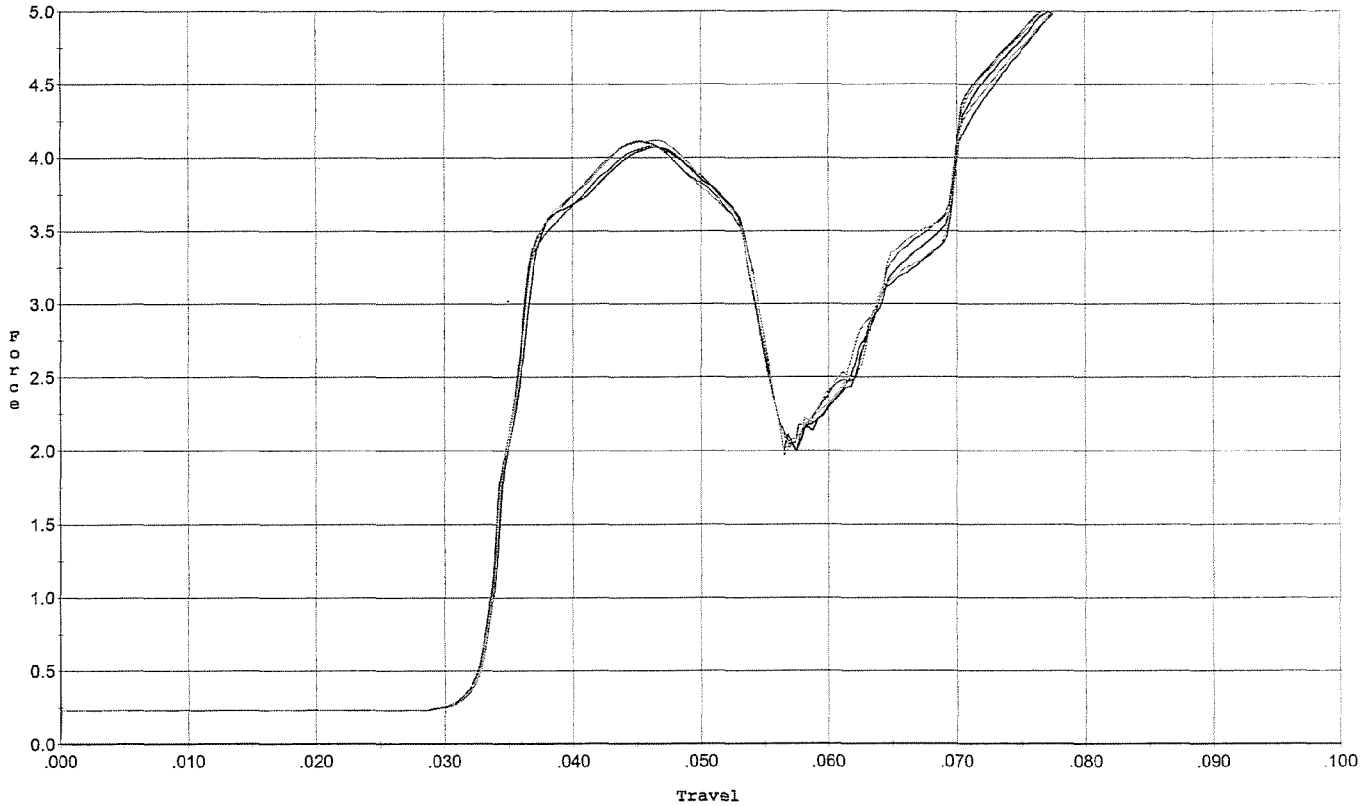
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.132	0.054	0.034	0.035	0.062		Set Trigger
2	3.089	0.054	0.034	0.034	0.062		Set Trigger
3	3.174	0.053	0.033	0.035	0.061		Set Trigger
4	3.180	0.053	0.033	0.034	0.061		Set Trigger
5	3.178	0.053	0.033	0.035	0.061		Set Trigger

Avg 3.15

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/14/08

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



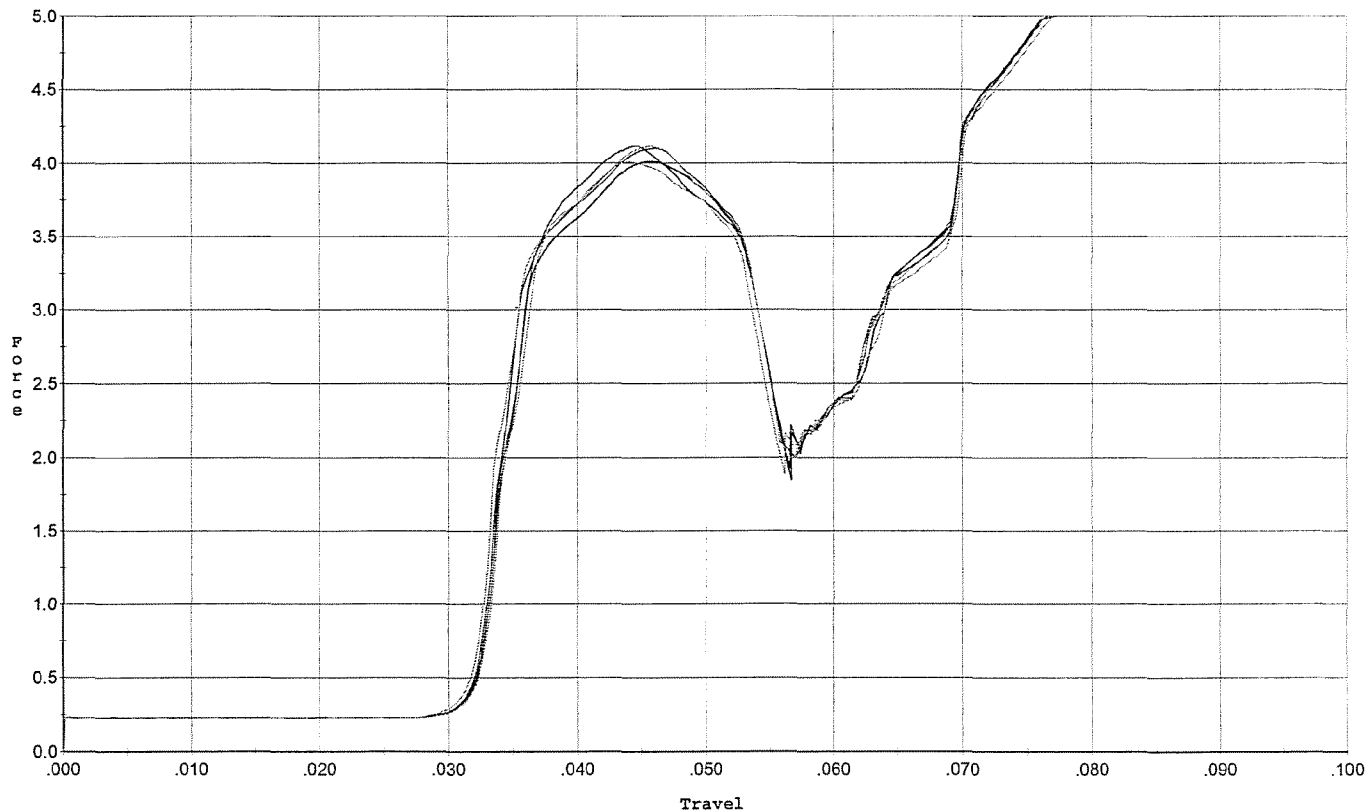
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.082	0.053	0.032	0.033	0.080		Set Trigger
2	4.072	0.054	0.032	0.033	0.082		Set Trigger
3	4.115	0.053	0.032	0.033	0.081		Set Trigger
4	4.106	0.053	0.032	0.033	0.080		Set Trigger
5	4.118	0.054	0.032	0.033	0.083		Set Trigger

Avg 4.09

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/14/08

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



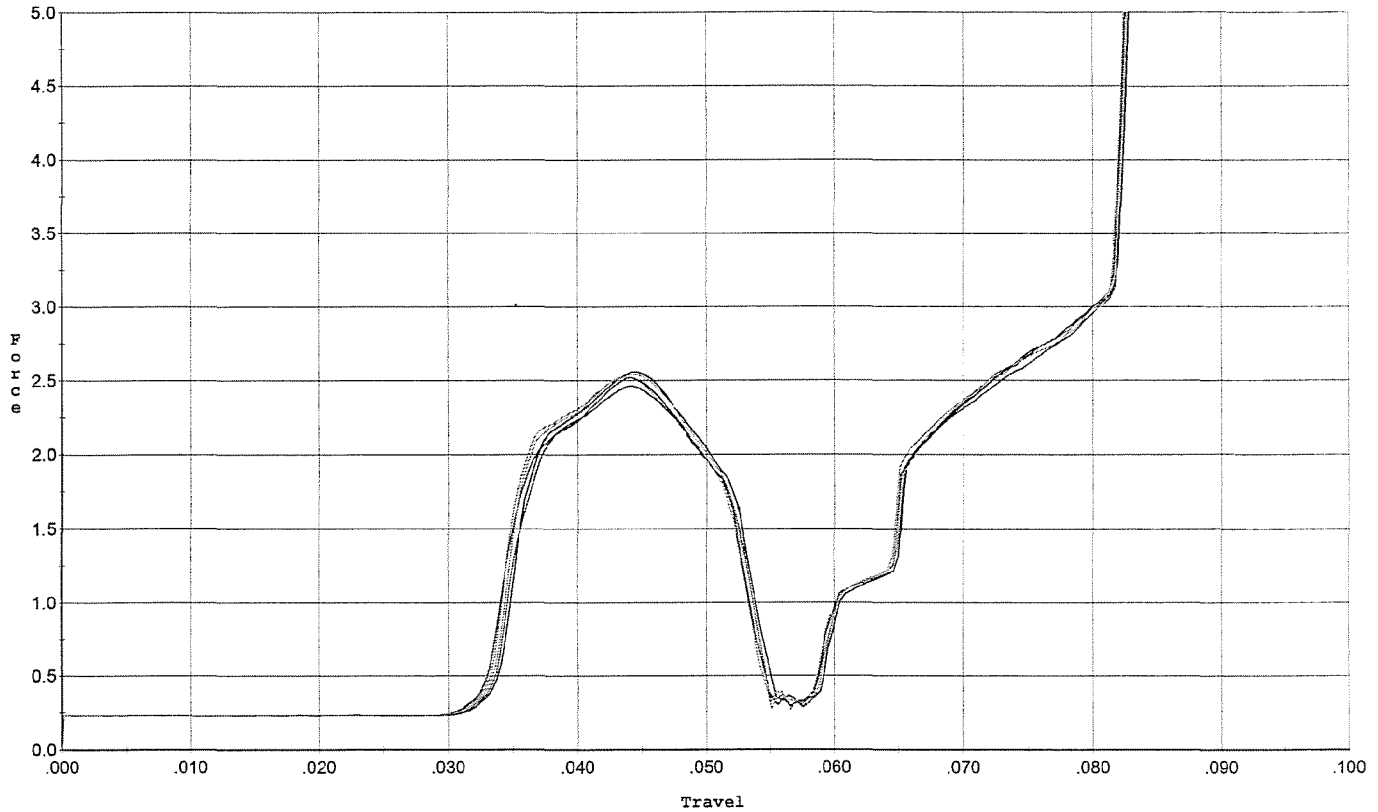
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.118	0.054	0.032	0.032	0.083		Set Trigger
2	4.012	0.054	0.032	0.033	0.081		Set Trigger
3	4.099	0.053	0.032	0.033	0.082		Set Trigger
4	4.114	0.053	0.032	0.033	0.081		Set Trigger
5	4.010	0.053	0.031	0.033	0.081		Set Trigger

AVG 4.07

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 5/14/08

Model: M/24
Serial No: Form #F005
Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



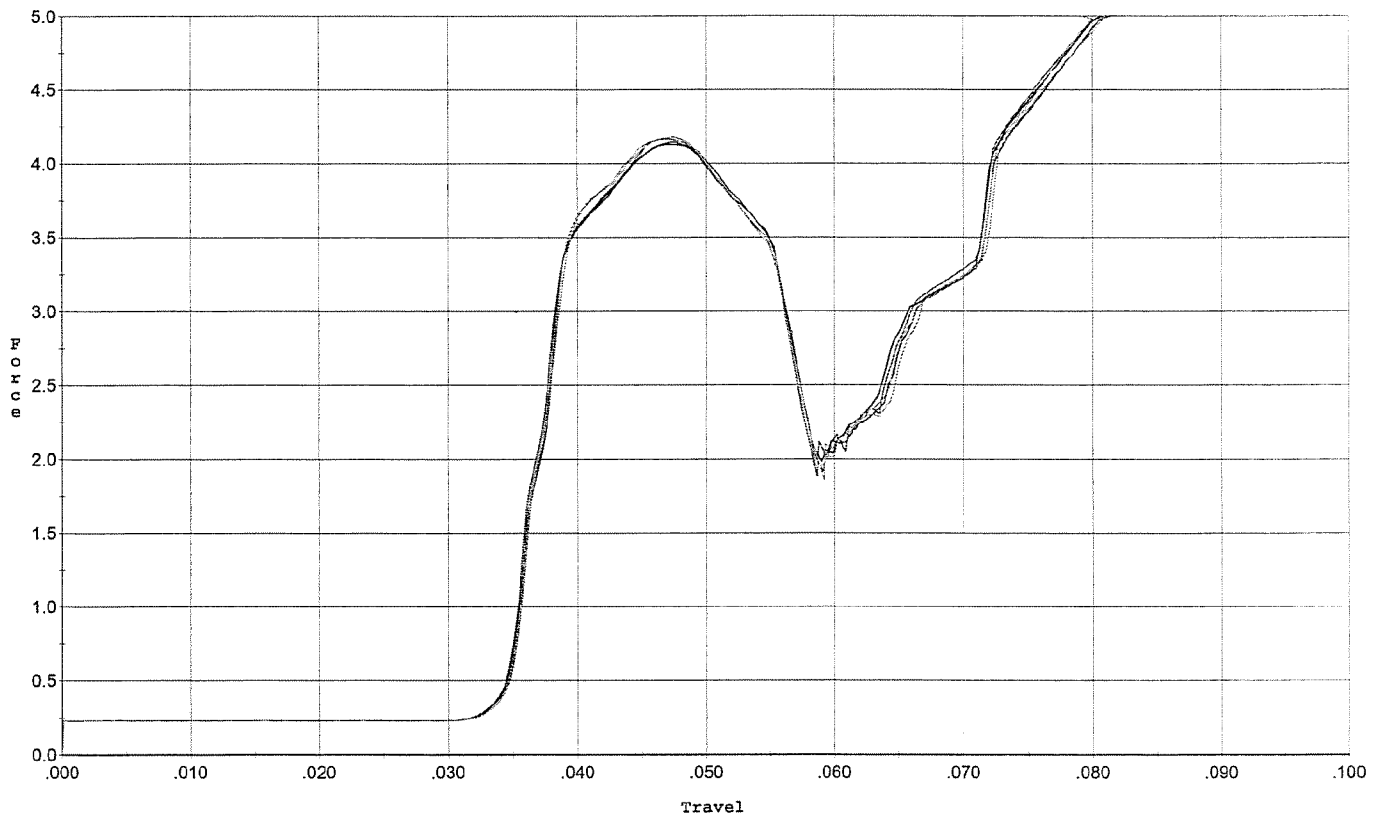
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.520	0.052	0.033	0.035	0.047		Set Trigger
2	2.558	0.053	0.034	0.035	0.048		Set Trigger
3	2.464	0.053	0.033	0.035	0.047		Set Trigger
4	2.540	0.053	0.033	0.035	0.049		Set Trigger
5	2.520	0.052	0.033	0.035	0.048		Set Trigger

AVG 2.52

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/14/08

Model: M/24
Serial No: Form #F005
Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.142	0.057	0.034	0.033	0.084		Set Trigger
2	4.128	0.055	0.034	0.033	0.082		Set Trigger
3	4.167	0.055	0.034	0.033	0.082		Set Trigger
4	4.178	0.057	0.034	0.034	0.084		Set Trigger
5	4.177	0.055	0.034	0.033	0.082		Set Trigger

Avg 4.15

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6749784.__0
FILE DATE AND TIME: 06/30/2008 10:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.065
The Average Y Centroid of the Five Target Set:	-0.019
The Average Point of Impact of the Five Target Set:	0.068
The Average Mean Radius of the Five Target Set:	0.727
The Distance from POA to Centroid Target #1:	0.203
The Distance from Centroid Target #2 to Centroid Target #1:	0.126
The Distance from Centroid Target #3 to Centroid Target #1:	0.259
The Distance from Centroid Target #4 to Centroid Target #1:	0.162
The Distance from Centroid Target #5 to Centroid Target #1:	0.227

SERIAL NUMBER: G6749784. __0

TARGET NUMBER: 1

FILE DATE: 06/30/2008

FILE TIME: 10:42

X CENTROID: -0.201

Y CENTROID: 0.029

POA TO CENTROID: 0.203

HORZ SPREAD: 2.003

VERT SPREAD: 2.338

GROUP SPREAD: 2.078

MIN RADIUS: 0.150

MAX RADIUS: 1.329

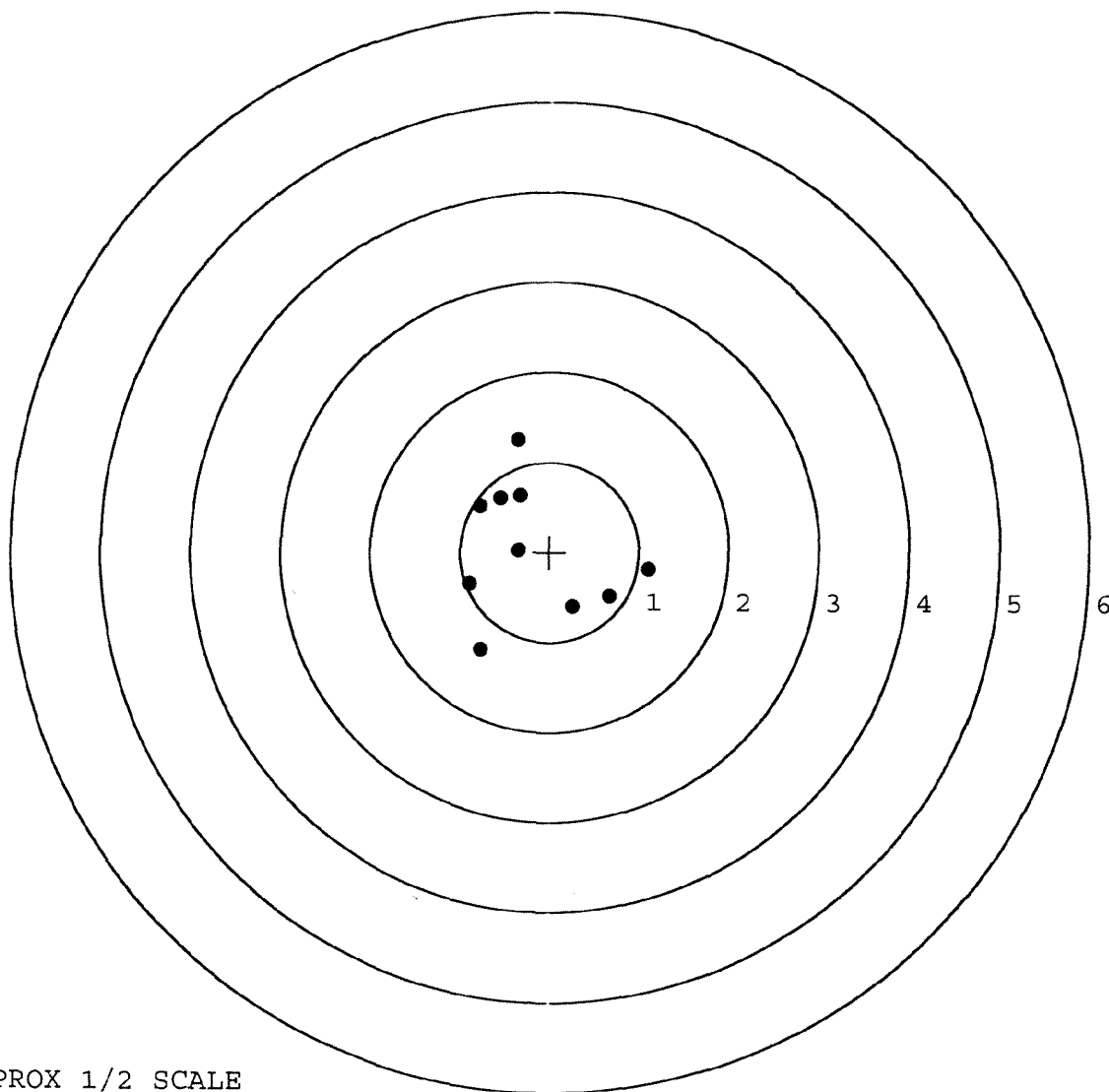
MEAN RADIUS: 0.861

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.363	1.252
2:	-0.335	0.633
3:	-0.774	0.518
4:	-0.351	0.022
5:	-0.894	-0.350
6:	0.258	-0.613
7:	0.670	-0.495
8:	1.109	-0.198
9:	-0.770	-1.086
10:	-0.560	0.604



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6749784. __0

TARGET NUMBER: 2

FILE DATE: 06/30/2008

FILE TIME: 10:42

X CENTROID: -0.082

Y CENTROID: -0.011

POA TO CENTROID: 0.083

HORZ SPREAD: 1.651

VERT SPREAD: 2.495

GROUP SPREAD: 2.502

MIN RADIUS: 0.190

MAX RADIUS: 1.577

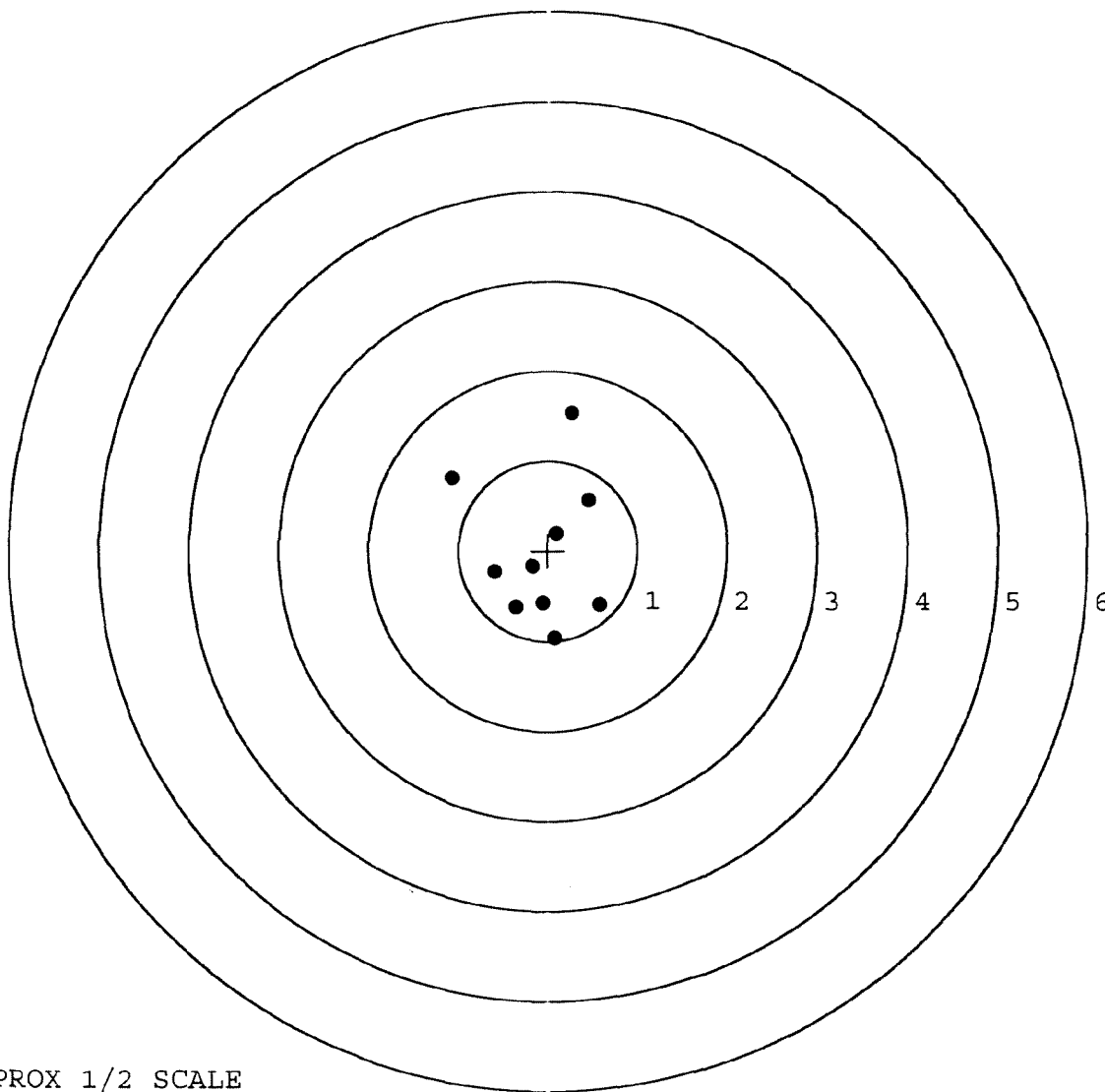
MEAN RADIUS: 0.777

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.266	1.527
2:	0.451	0.555
3:	-1.076	0.813
4:	0.092	0.190
5:	-0.179	-0.174
6:	-0.598	-0.237
7:	-0.366	-0.628
8:	-0.063	-0.584
9:	0.079	-0.968
10:	0.575	-0.605



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6749784. __0

TARGET NUMBER: 3

FILE DATE: 06/30/2008

FILE TIME: 10:42

X CENTROID: -0.023

Y CENTROID: -0.159

POA TO CENTROID: 0.161

HORZ SPREAD: 1.385

VERT SPREAD: 2.955

GROUP SPREAD: 3.020

MIN RADIUS: 0.172

MAX RADIUS: 1.660

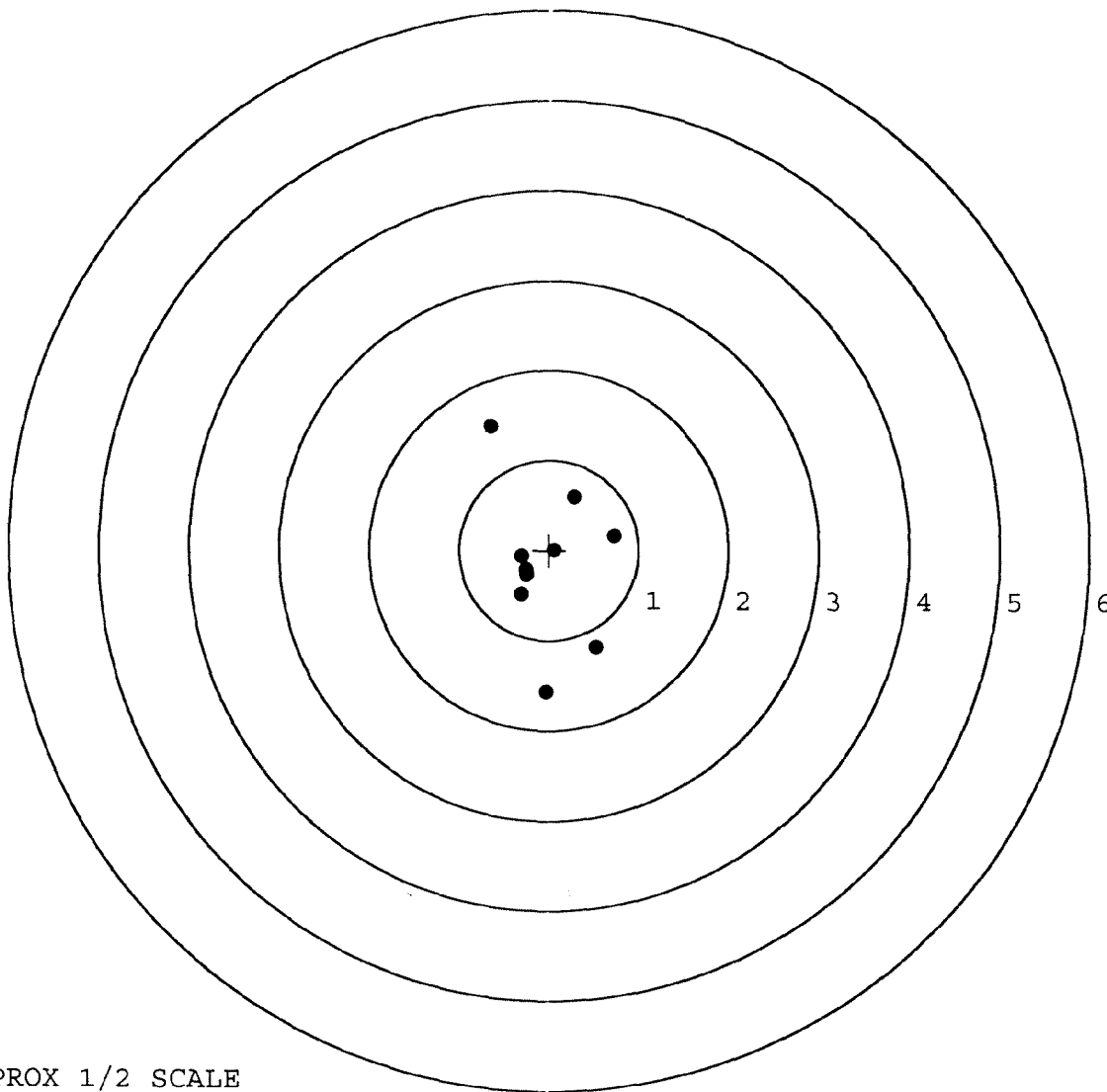
MEAN RADIUS: 0.720

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.284	0.589
2:	0.056	-0.006
3:	0.731	-0.163
4:	-0.312	-0.073
5:	-0.256	-0.275
6:	-0.310	-0.488
7:	0.530	-1.080
8:	-0.030	-1.579
9:	-0.654	1.376
10:	-0.266	-0.217



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6749784. __0

TARGET NUMBER: 4

FILE DATE: 06/30/2008

FILE TIME: 10:42

POINT#	X	Y
1:	-1.040	0.662
2:	0.008	0.584
3:	-0.250	-0.444
4:	-0.352	0.161
5:	-0.331	-0.365
6:	-0.791	-0.323
7:	0.431	0.479
8:	1.024	0.111
9:	0.471	-0.223
10:	0.408	-0.919

X CENTROID: -0.042

Y CENTROID: 0.061

POA TO CENTROID: 0.074

HORZ SPREAD: 2.064

VERT SPREAD: 1.581

GROUP SPREAD: 2.144

MIN RADIUS: 0.326

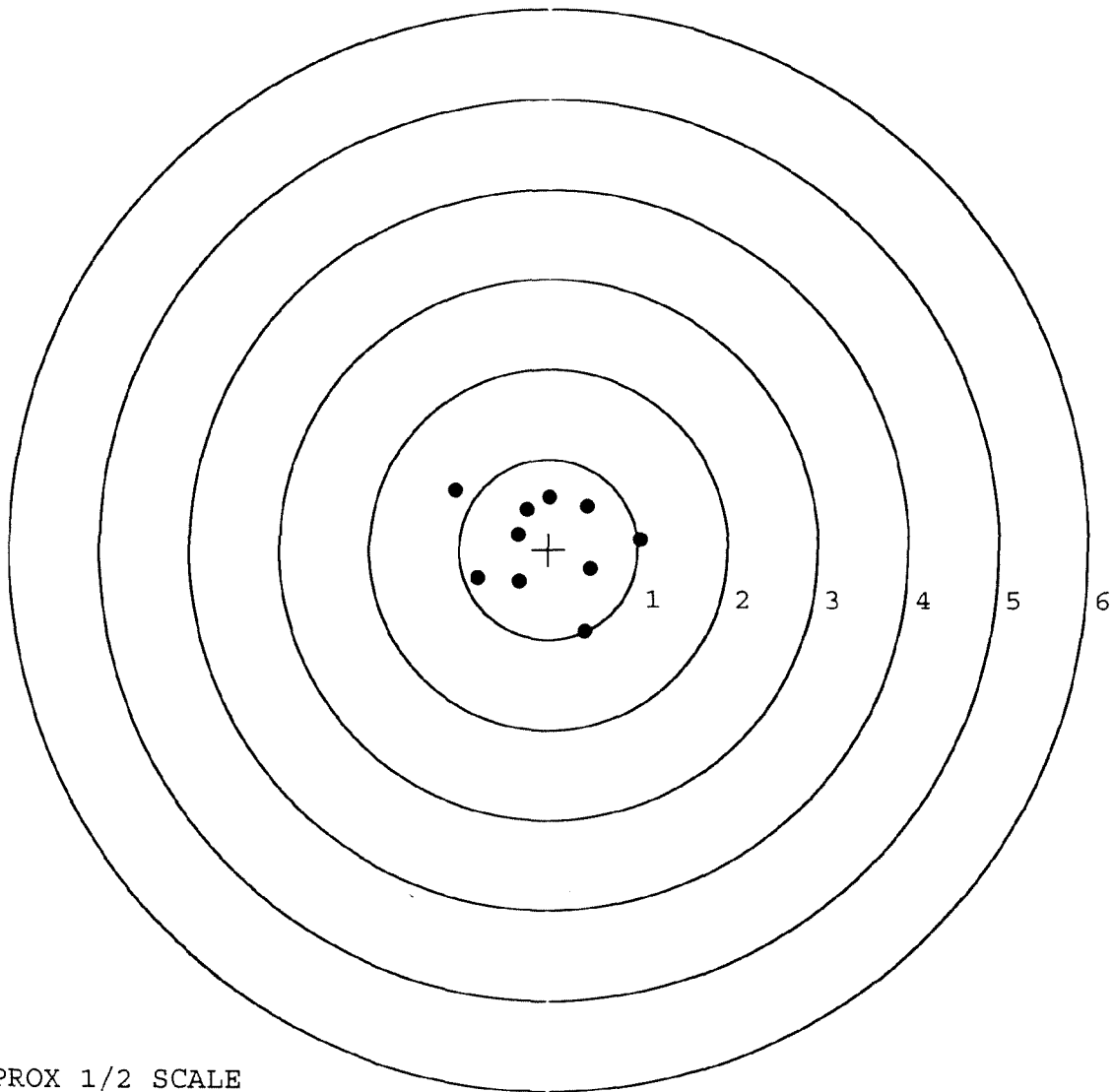
MAX RADIUS: 1.165

MEAN RADIUS: 0.717

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6749784. 0

TARGET NUMBER: 5

FILE DATE: 06/30/2008

FILE TIME: 10:42

POINT#	X	Y
1:	0.189	0.691
2:	0.040	0.241
3:	-0.145	-0.035
4:	-0.401	-0.064
5:	-0.647	-0.393
6:	0.091	-0.334
7:	0.346	-0.600
8:	0.636	-0.303
9:	0.642	-0.092
10:	-0.538	0.732

X CENTROID: 0.021

Y CENTROID: -0.016

POA TO CENTROID: 0.026

HORZ SPREAD: 1.289

VERT SPREAD: 1.332

GROUP SPREAD: 1.599

MIN RADIUS: 0.167

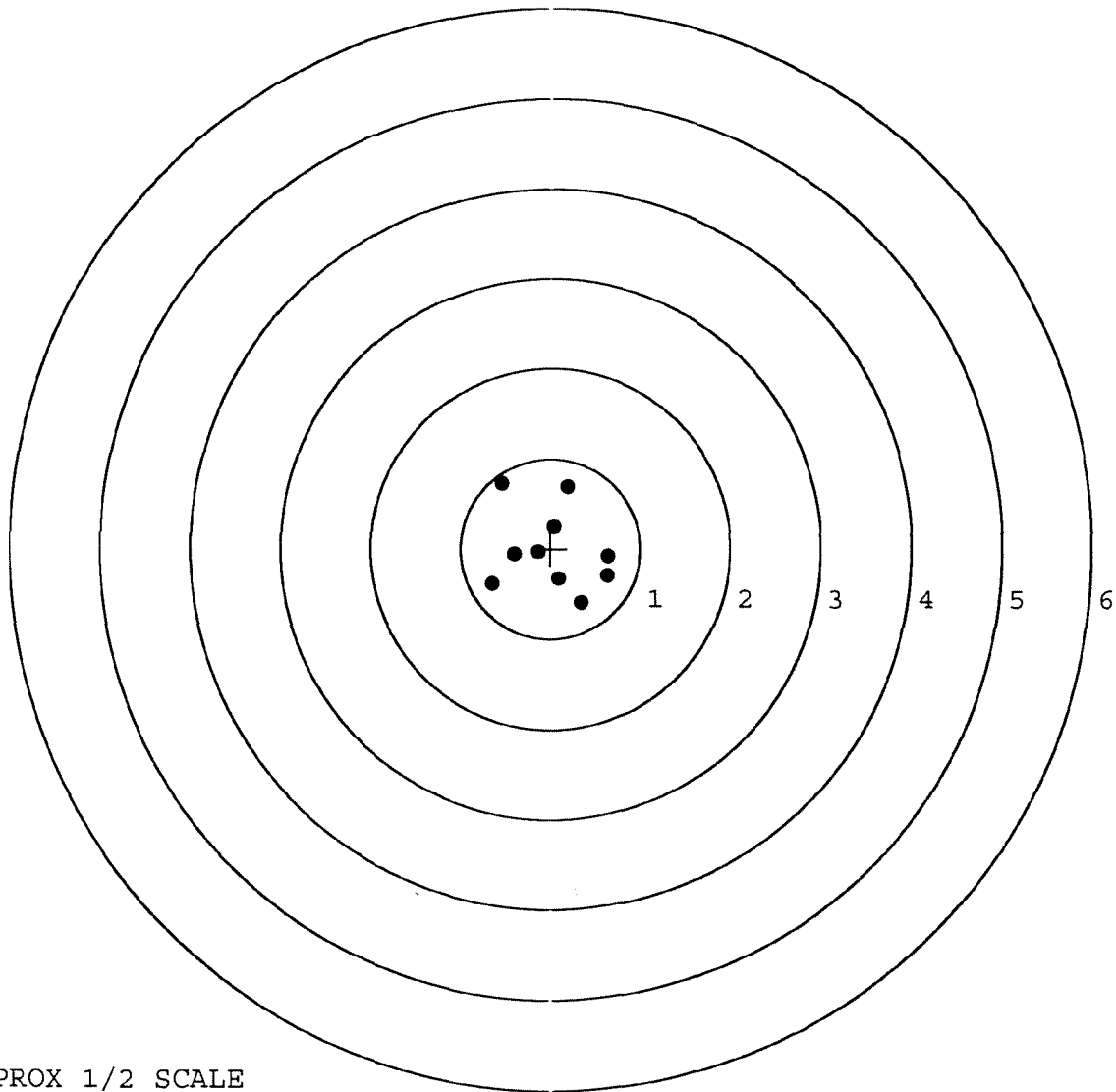
MAX RADIUS: 0.934

MEAN RADIUS: 0.558

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE