

C6594644

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00127461

Serial: G6594644 Model M24 SWS Center Fire
Caliber: 308 WIN

Repairman:

Status:

Closed 3/30/2007 10:21:26 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: CO C1ST / 20TH S.F.G.

CO C1ST / 20TH S.F.G.

Address 1: MASSACHUSETTS ARMY NATIONAL GUARD

MASSACHUSETTS ARMY NATIONAL GUARD

Address 2: 1505 ROOSEVELT AVENUE PO Box:

1505 ROOSEVELT AVENUE PO Box:

City: SPRINGFIELD

SPRINGFIELD

State: MA

Zip Code: 01109-2438

Country: US

State: MA

Zip Code: 01109-2438

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
B000	FRONT/REAR BASE	1
R001	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

3/30/2007

11:13 AM

CAPS

NUM

INS

SCRL

start

41

P...

A...

R...

61

S...

M...

E...

11:13 AM

Serial Number: G6594644

Model: M24 SWS



RE00127461

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594644.___0
FILE DATE AND TIME: 05/08/2007 13:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.014
The Average Y Centroid of the Five Target Set:	-0.031
The Average Point of Impact of the Five Target Set:	0.034
The Average Mean Radius of the Five Target Set:	0.584
The Distance from POA to Centroid Target #1:	0.090
The Distance from Centroid Target #2 to Centroid Target #1:	0.083
The Distance from Centroid Target #3 to Centroid Target #1:	0.042
The Distance from Centroid Target #4 to Centroid Target #1:	0.179
The Distance from Centroid Target #5 to Centroid Target #1:	0.183

SERIAL NUMBER: C6594644. __0

TARGET NUMBER: 1

FILE DATE: 05/08/2007

FILE TIME: 13:00

X CENTROID: -0.074

Y CENTROID: -0.050

POA TO CENTROID: 0.090

HORZ SPREAD: 1.216

VERT SPREAD: 1.931

GROUP SPREAD: 2.124

MIN RADIUS: 0.169

MAX RADIUS: 1.107

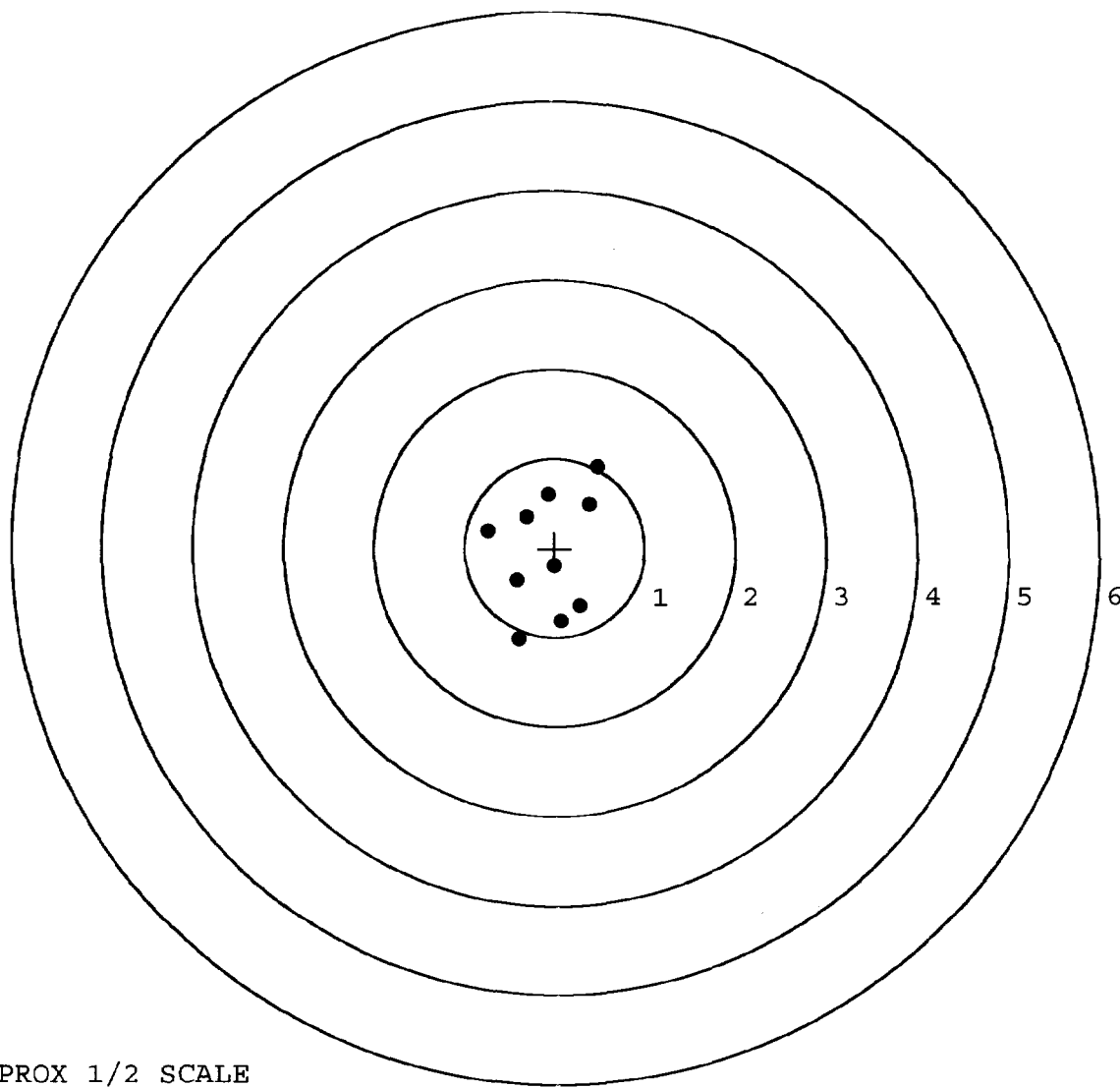
MEAN RADIUS: 0.681

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.404	-1.023
2:	0.067	-0.825
3:	0.275	-0.653
4:	-0.006	-0.205
5:	-0.426	-0.365
6:	-0.736	0.202
7:	-0.312	0.358
8:	-0.072	0.605
9:	0.390	0.495
10:	0.480	0.908

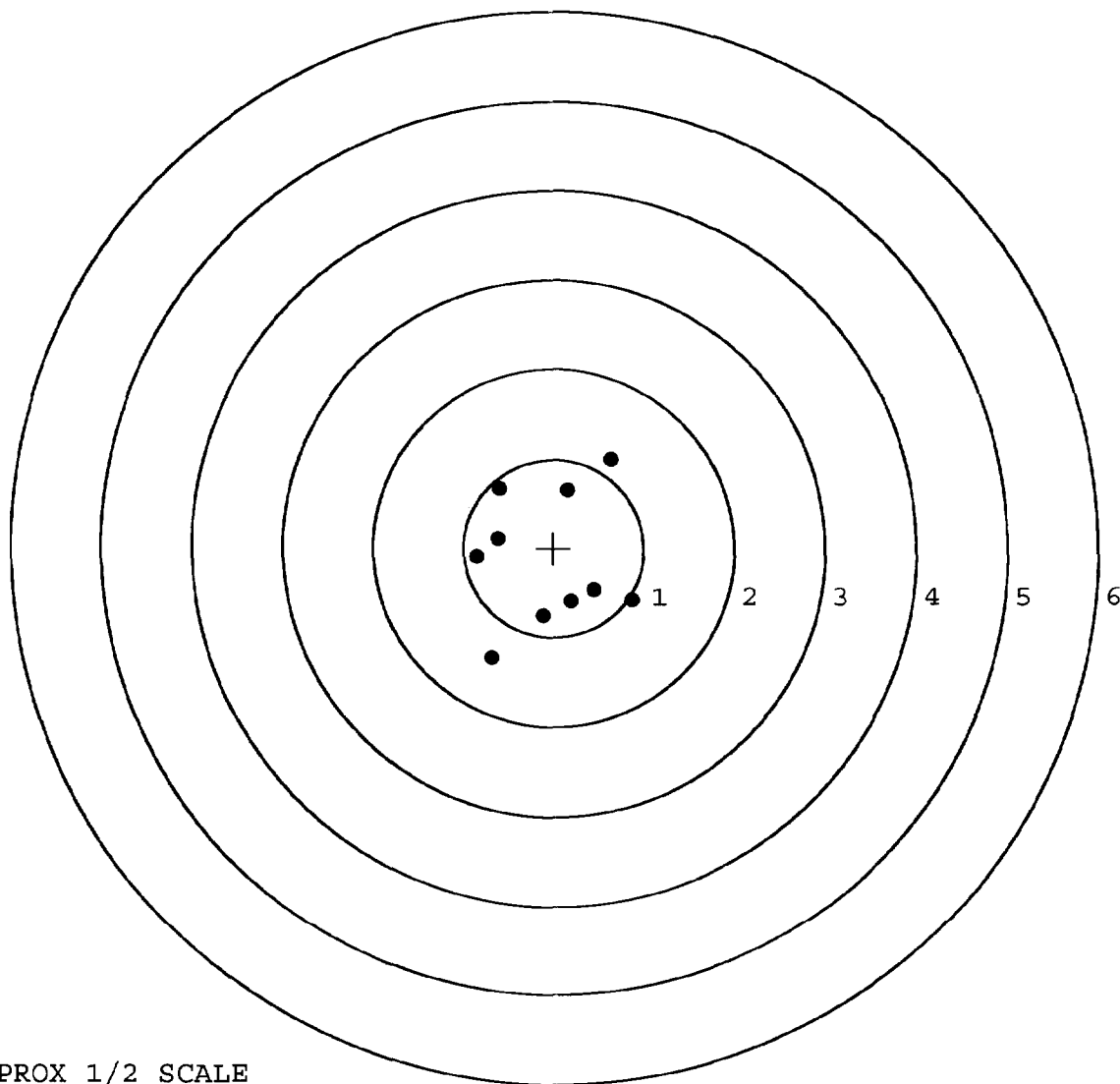


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594644. __ 0
TARGET NUMBER: 2
FILE DATE: 05/08/2007
FILE TIME: 13:00

X CENTROID: -0.058
Y CENTROID: -0.132
POA TO CENTROID: 0.144
HORZ SPREAD: 1.714
VERT SPREAD: 2.232
GROUP SPREAD: 2.603
MIN RADIUS: 0.532
MAX RADIUS: 1.328
MEAN RADIUS: 0.861
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.865	-0.590
2:	0.441	-0.477
3:	0.192	-0.601
4:	-0.125	-0.765
5:	-0.694	-1.238
6:	-0.849	-0.095
7:	-0.619	0.118
8:	-0.599	0.678
9:	0.162	0.659
10:	0.646	0.994



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594644. __0

TARGET NUMBER: 3

FILE DATE: 05/08/2007

FILE TIME: 13:00

X CENTROID: -0.114

Y CENTROID: -0.034

POA TO CENTROID: 0.119

HORZ SPREAD: 1.666

VERT SPREAD: 1.142

GROUP SPREAD: 1.670

MIN RADIUS: 0.178

MAX RADIUS: 1.002

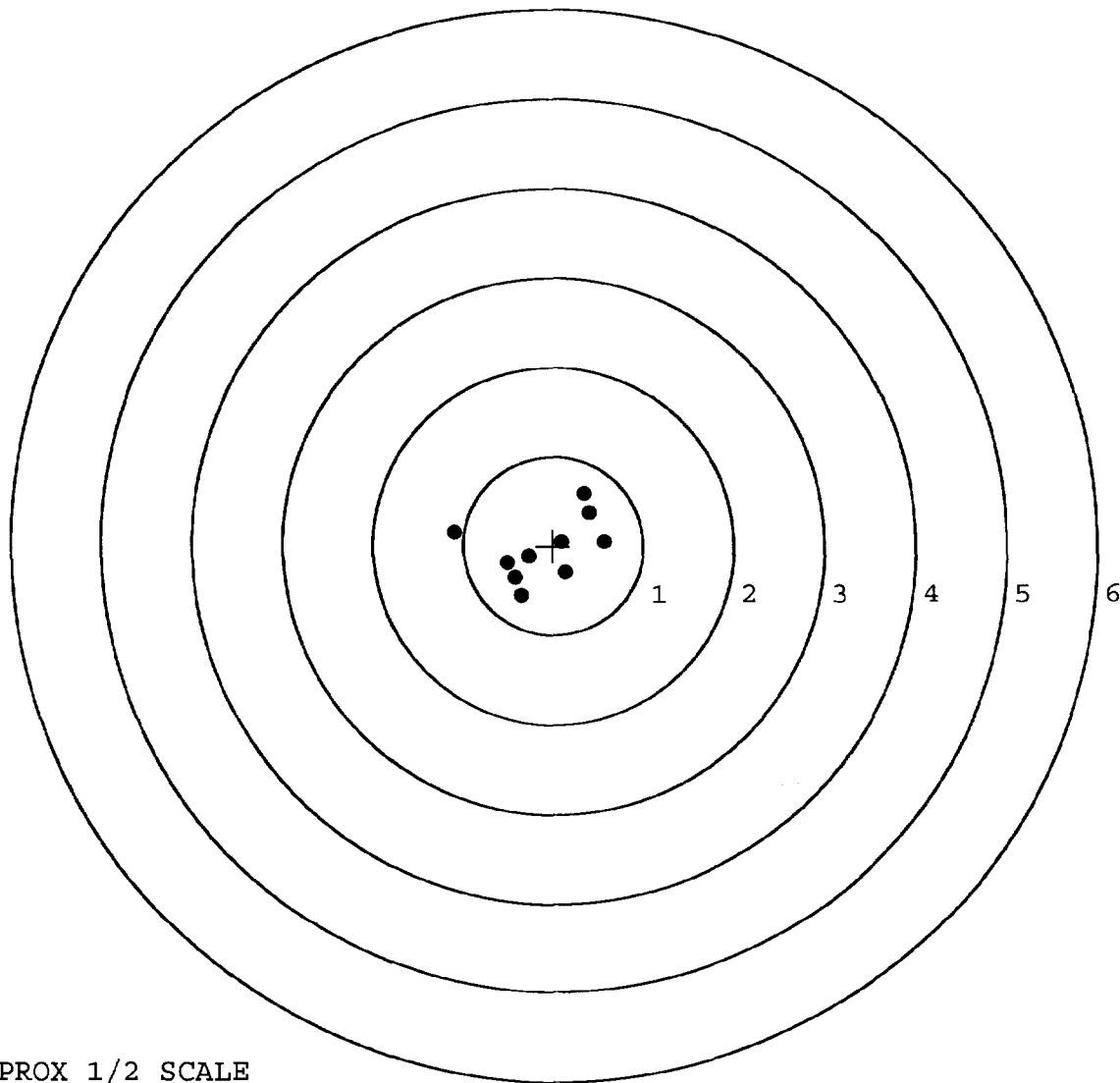
MEAN RADIUS: 0.536

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.097	0.159
2:	0.350	0.580
3:	0.404	0.373
4:	0.569	0.042
5:	0.094	0.053
6:	0.127	-0.307
7:	-0.365	-0.562
8:	-0.431	-0.365
9:	-0.519	-0.195
10:	-0.269	-0.122

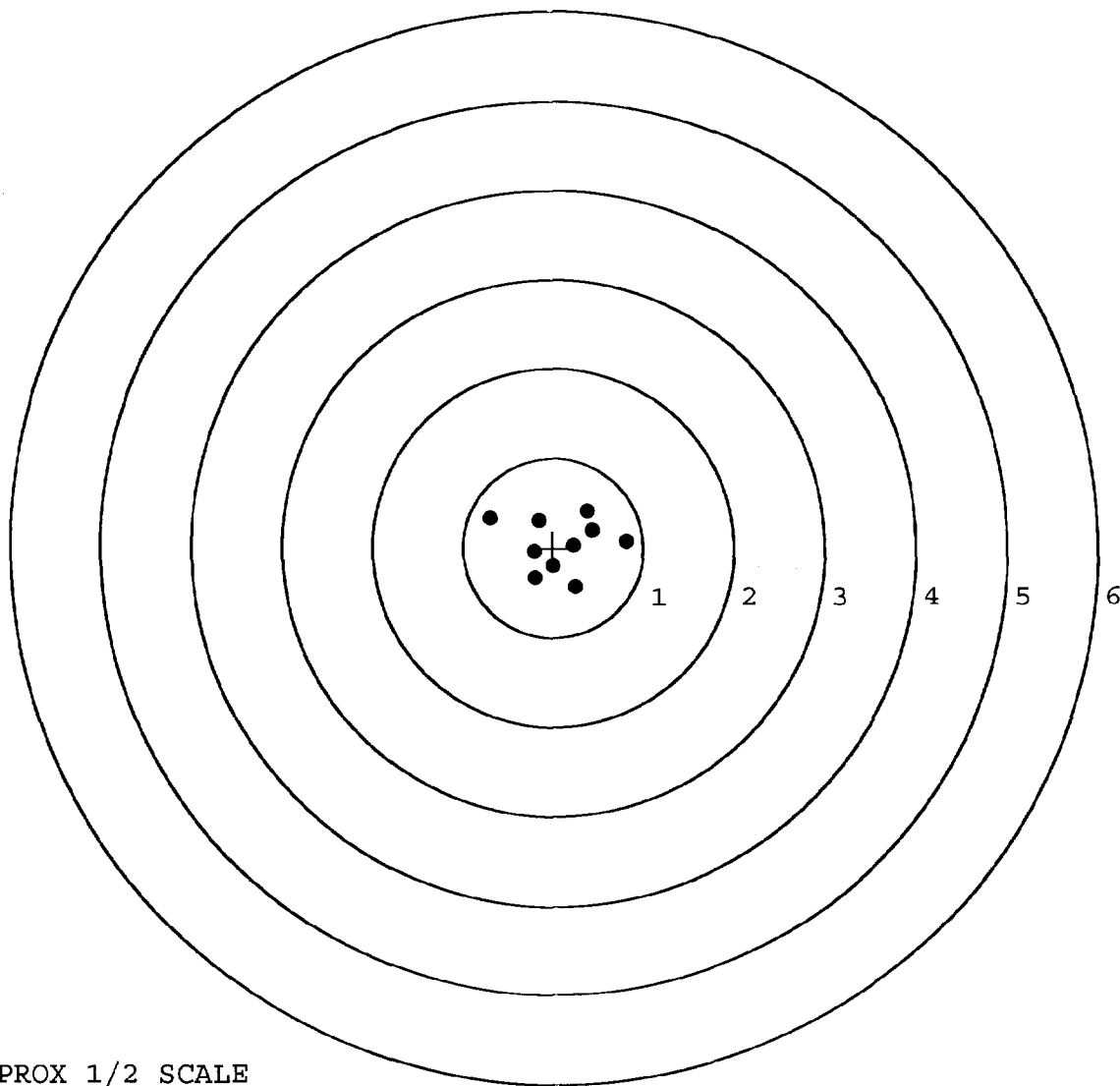


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594644. __0
TARGET NUMBER: 4
FILE DATE: 05/08/2007
FILE TIME: 13:00

X CENTROID: 0.083
Y CENTROID: 0.034
POA TO CENTROID: 0.090
HORZ SPREAD: 1.510
VERT SPREAD: 0.854
GROUP SPREAD: 1.533
MIN RADIUS: 0.146
MAX RADIUS: 0.835
MEAN RADIUS: 0.448
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.816	0.074
2:	0.382	0.412
3:	-0.694	0.338
4:	0.241	-0.442
5:	-0.209	-0.340
6:	-0.209	-0.045
7:	-0.154	0.310
8:	0.229	0.033
9:	0.437	0.197
10:	-0.005	-0.201



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594644. __0

TARGET NUMBER: 5

FILE DATE: 05/08/2007

FILE TIME: 13:00

X CENTROID: 0.092

Y CENTROID: 0.026

POA TO CENTROID: 0.096

HORZ SPREAD: 0.656

VERT SPREAD: 1.340

GROUP SPREAD: 1.430

MIN RADIUS: 0.115

MAX RADIUS: 0.834

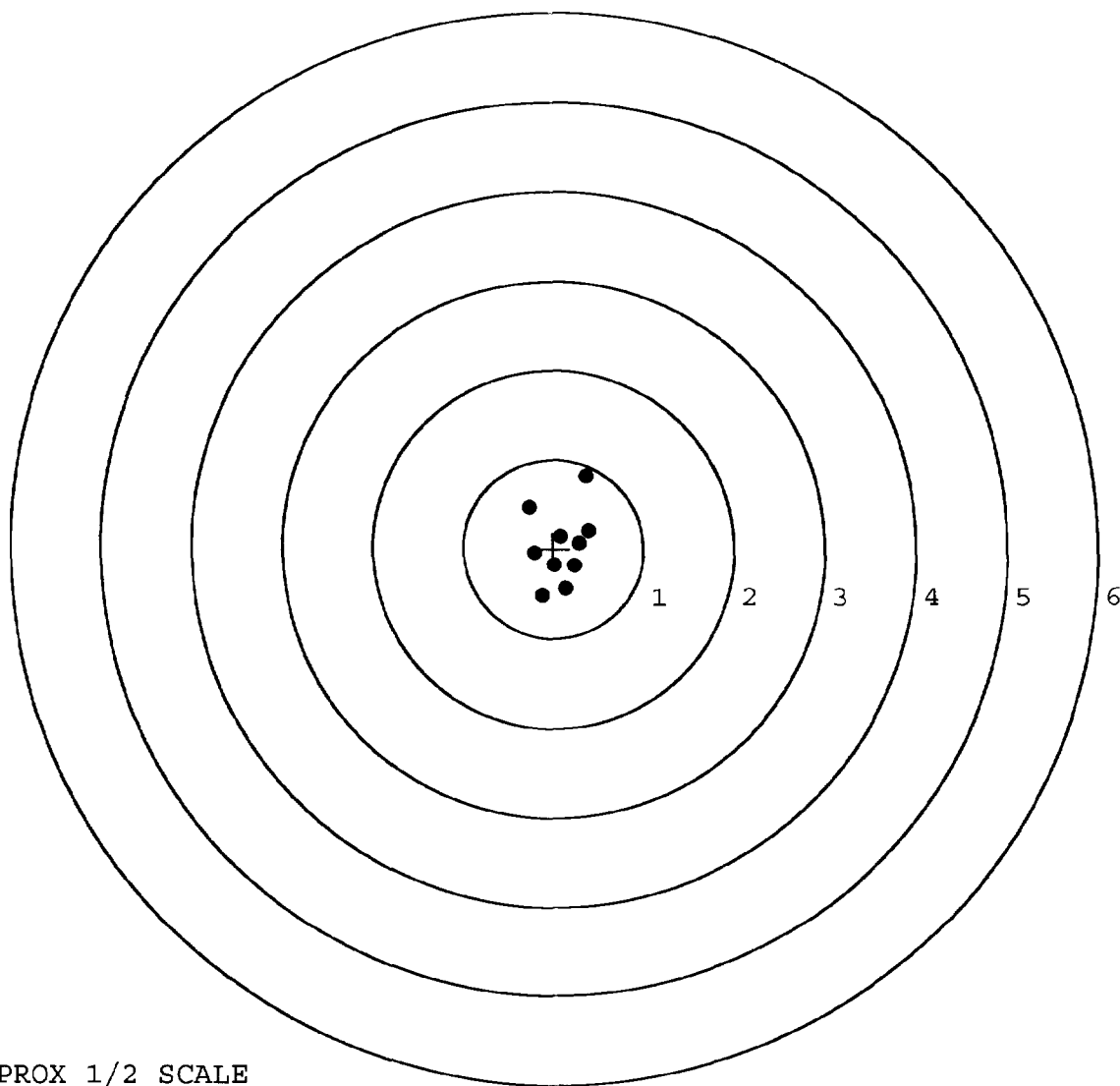
MEAN RADIUS: 0.393

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.369	0.813
2:	-0.260	0.465
3:	-0.129	-0.527
4:	0.131	-0.454
5:	0.227	-0.195
6:	-0.208	-0.051
7:	0.086	0.141
8:	0.396	0.197
9:	0.292	0.056
10:	0.015	-0.185

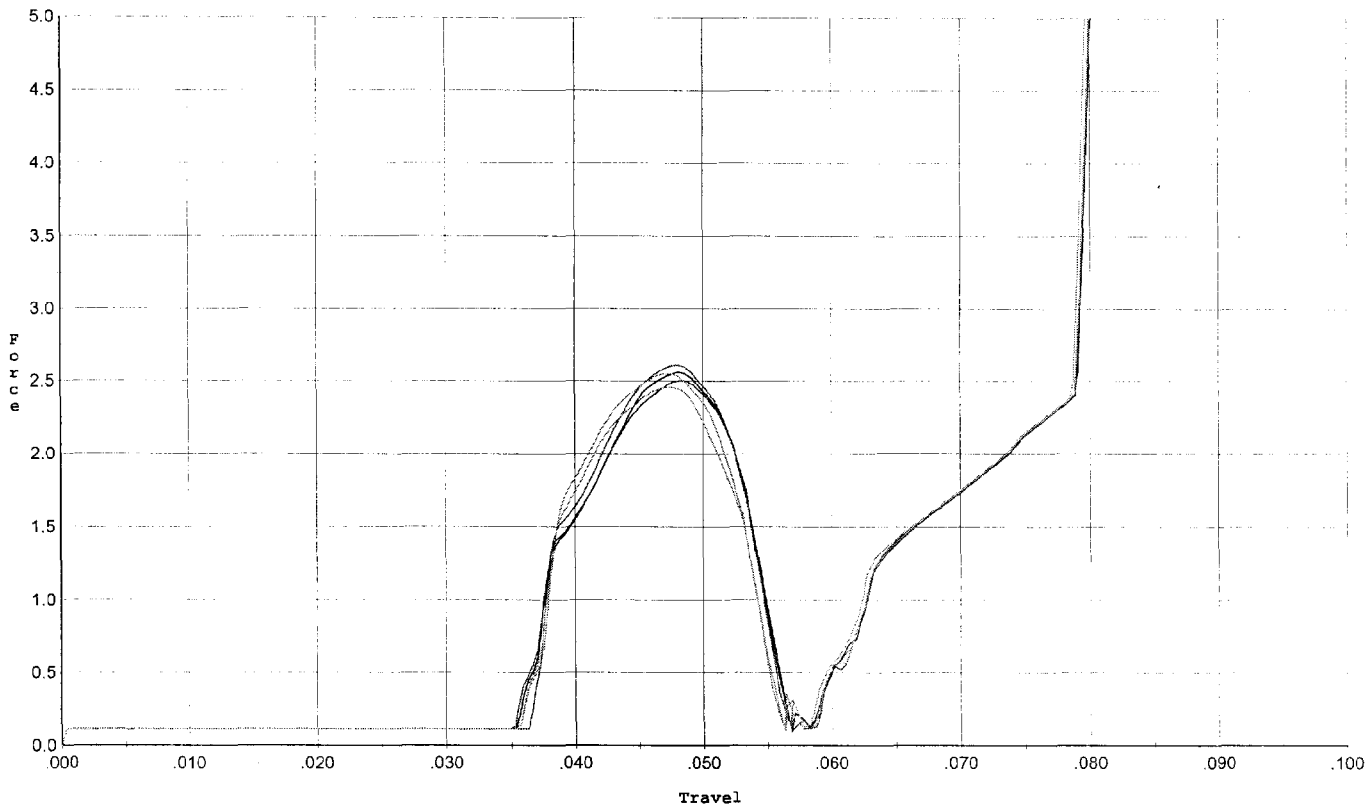


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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



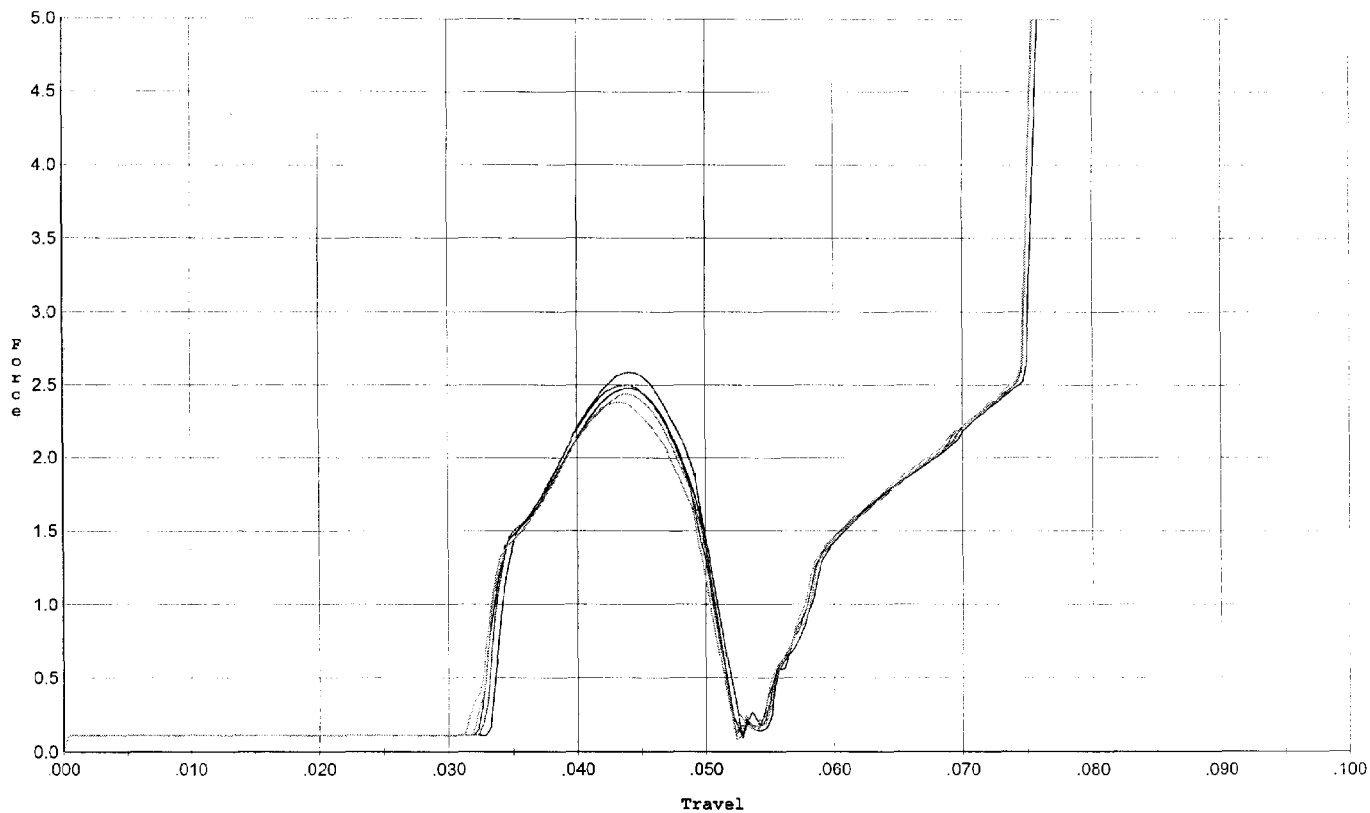
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.502	0.053	0.037	0.033	0.038		Set Trigger
2	2.562	0.053	0.036	0.033	0.039		Set Trigger
3	2.611	0.053	0.036	0.033	0.040		Set Trigger
4	2.455	0.053	0.036	0.034	0.037		Set Trigger
5	2.550	0.053	0.036	0.034	0.039		Set Trigger

AVG 2.53

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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



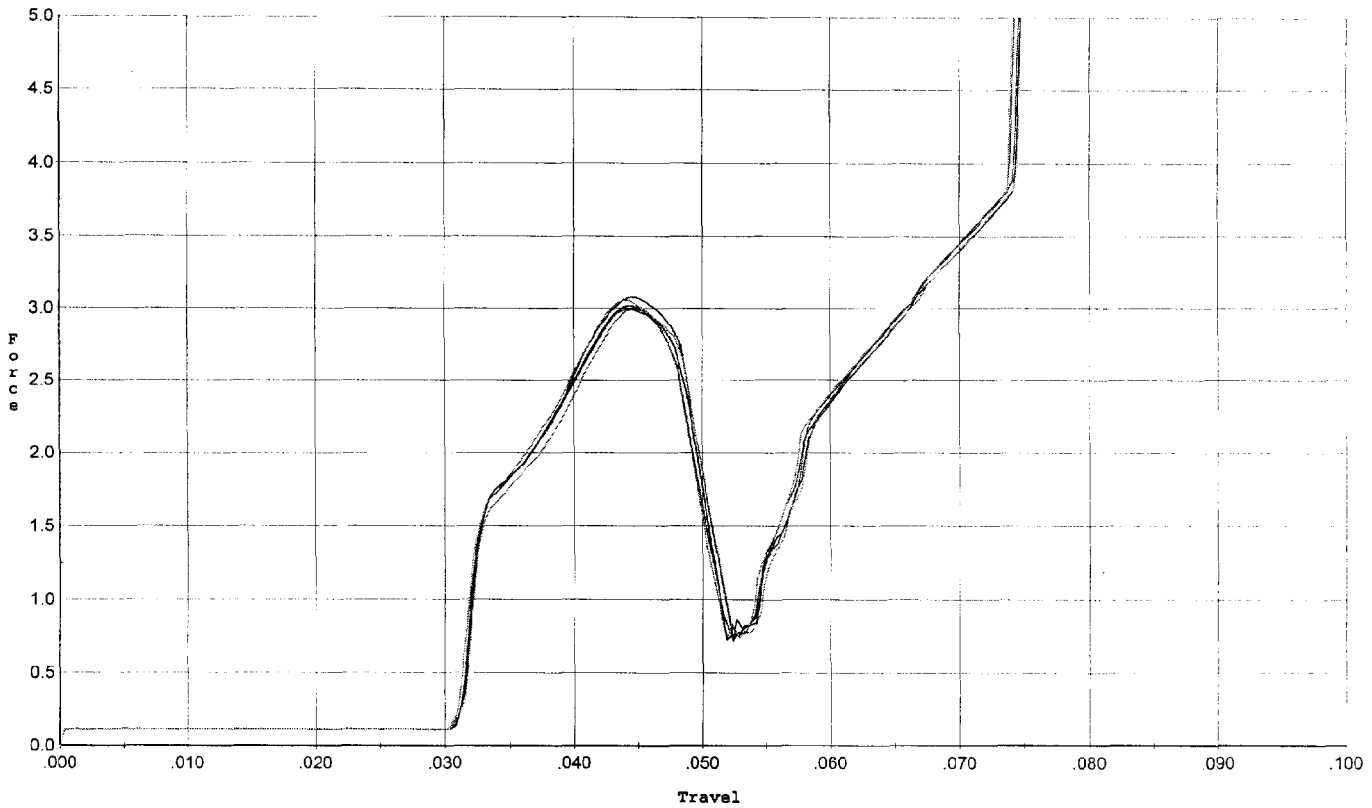
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.588	0.049	0.033	0.033	0.038		Set Trigger
2	2.477	0.049	0.033	0.033	0.036		Set Trigger
3	2.499	0.050	0.033	0.033	0.037		Set Trigger
4	2.382	0.049	0.032	0.033	0.036		Set Trigger
5	2.440	0.050	0.032	0.032	0.037		Set Trigger

AVG 2.47

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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



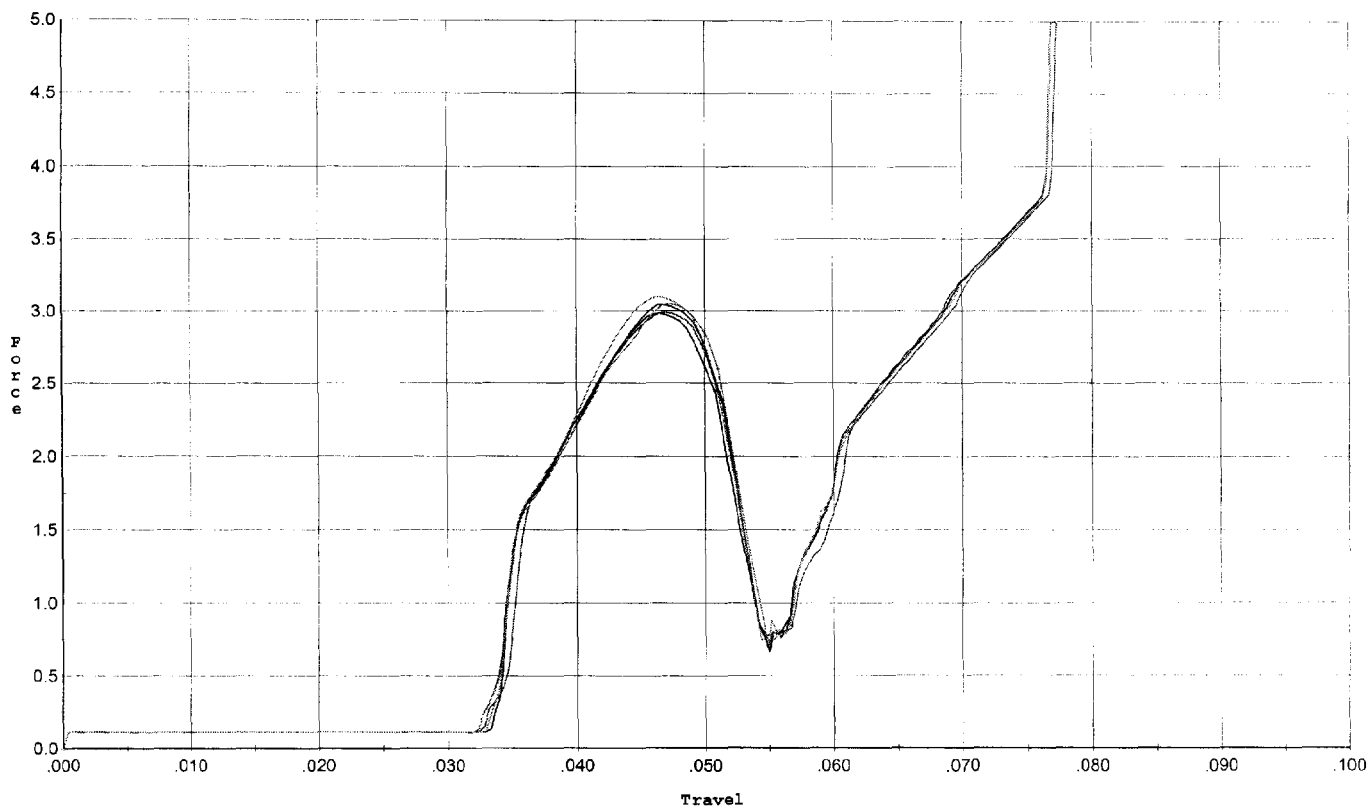
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.077	0.048	0.031	0.031	0.046		Set Trigger
2	3.018	0.049	0.031	0.031	0.046		Set Trigger
3	2.994	0.048	0.031	0.031	0.045		Set Trigger
4	2.993	0.048	0.031	0.032	0.045		Set Trigger
5	3.055	0.048	0.031	0.031	0.045		Set Trigger

Avg 3.02

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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



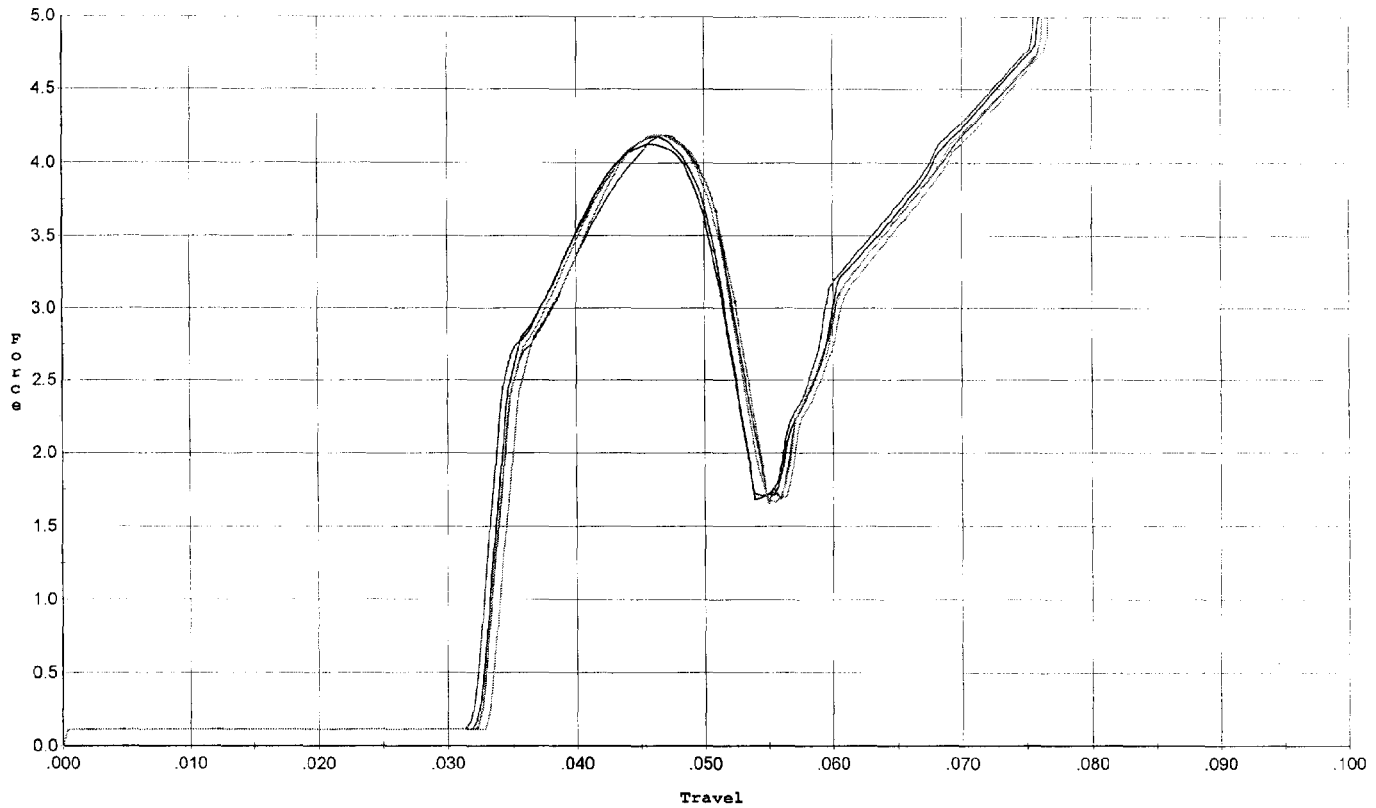
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.044	0.051	0.033	0.031	0.047		Set Trigger
2	2.983	0.051	0.034	0.032	0.045		Set Trigger
3	2.988	0.051	0.033	0.032	0.046		Set Trigger
4	3.096	0.052	0.033	0.031	0.048		Set Trigger
5	3.052	0.051	0.033	0.031	0.047		Set Trigger

Avg 3.03

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Patch 4/16/07

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



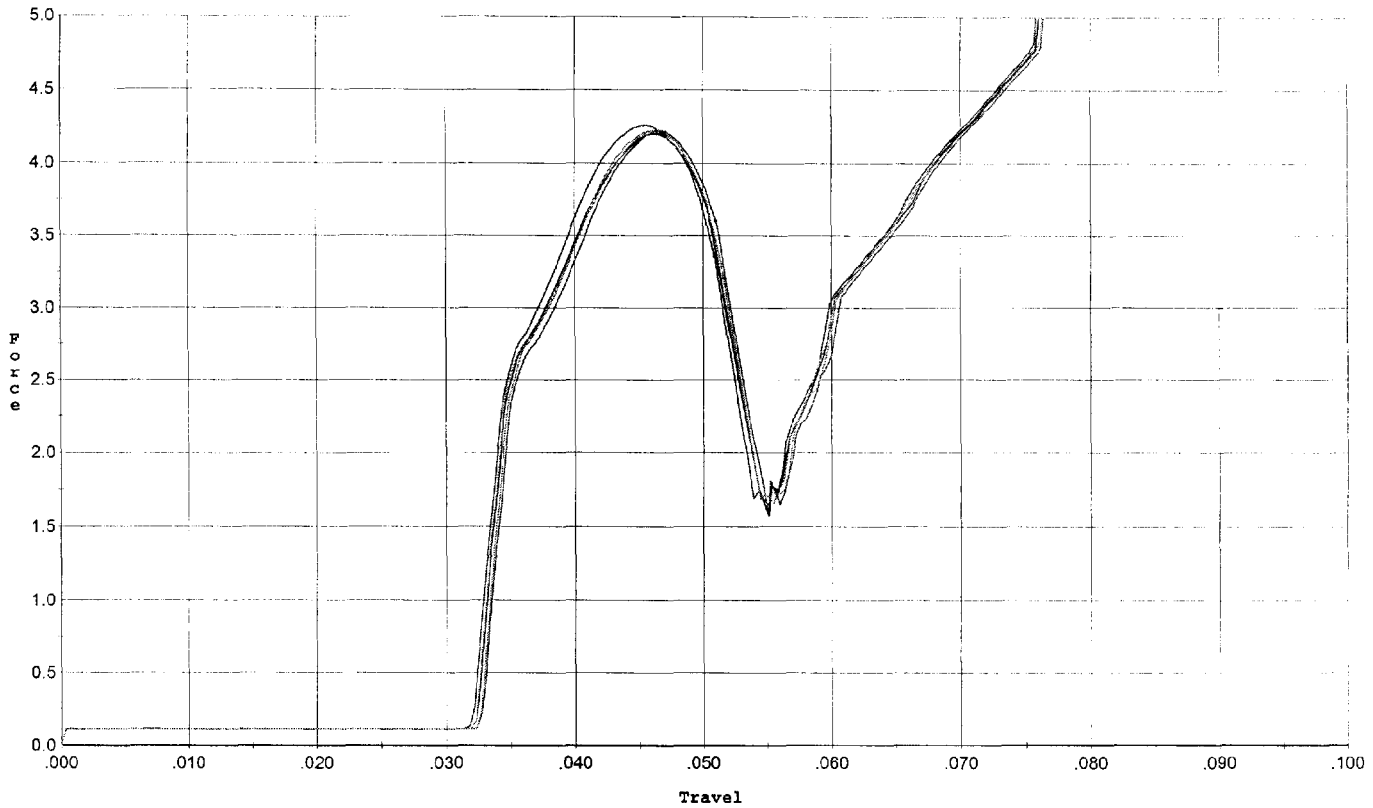
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.177	0.051	0.032	0.029	0.069		Set Trigger
2	4.127	0.051	0.032	0.029	0.068		Set Trigger
3	4.185	0.051	0.033	0.029	0.068		Set Trigger
4	4.192	0.051	0.033	0.029	0.069		Set Trigger
5	4.189	0.052	0.033	0.029	0.070		Set Trigger

Avg 4.17

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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



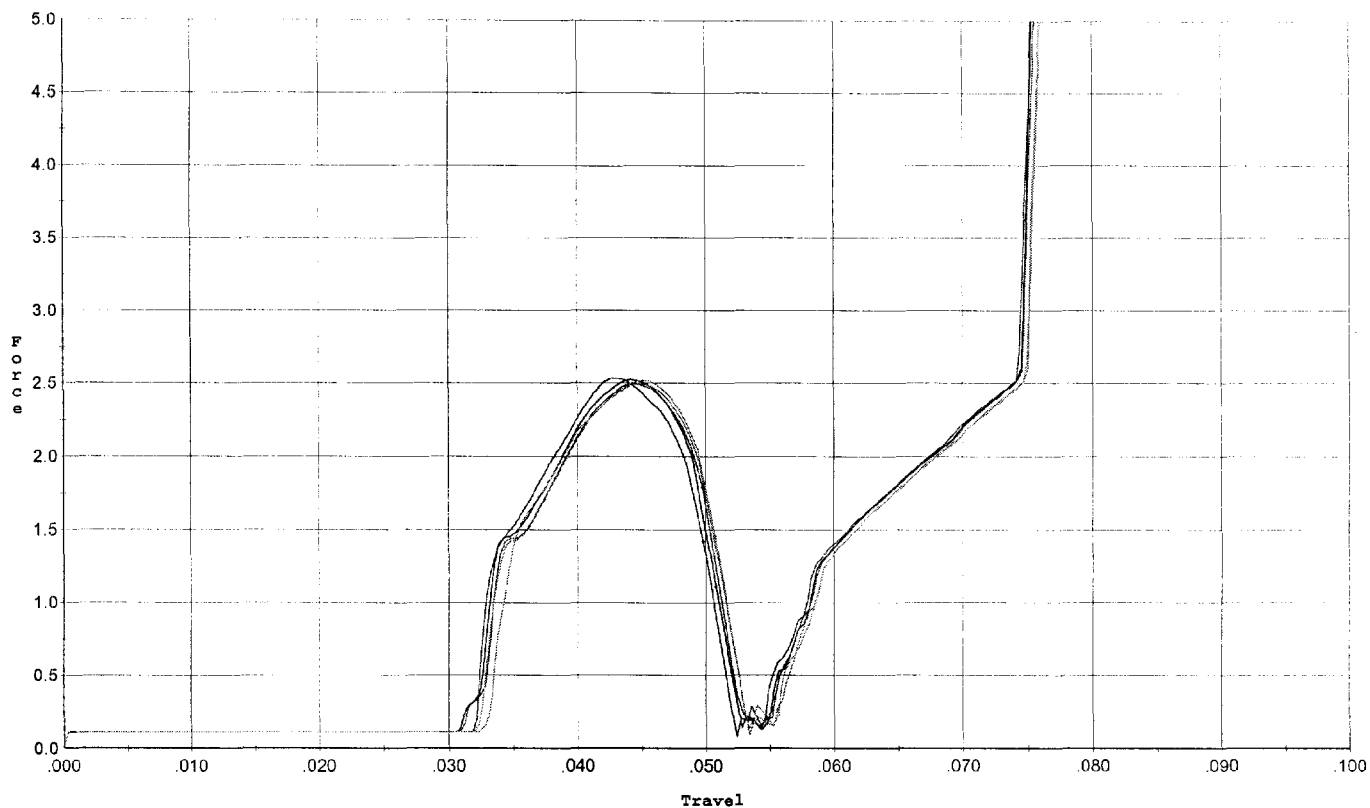
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.263	0.051	0.032	0.029	0.070		Set Trigger
2	4.201	0.050	0.033	0.029	0.067		Set Trigger
3	4.225	0.051	0.033	0.029	0.068		Set Trigger
4	4.226	0.052	0.032	0.029	0.070		Set Trigger
5	4.220	0.052	0.033	0.029	0.070		Set Trigger

AVG 4.22

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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



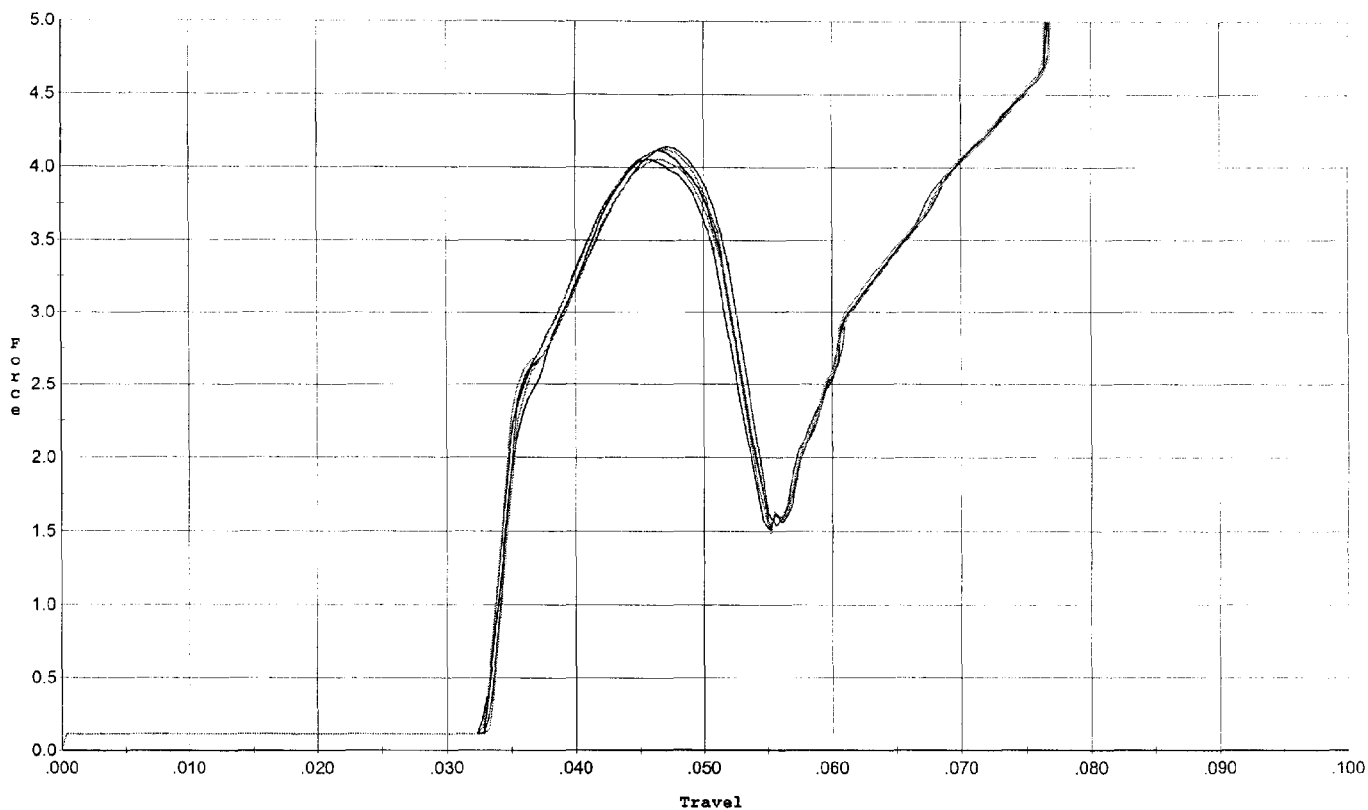
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.531	0.050	0.032	0.032	0.039		Set Trigger
2	2.524	0.051	0.031	0.032	0.040		Set Trigger
3	2.499	0.050	0.031	0.032	0.039		Set Trigger
4	2.518	0.051	0.033	0.032	0.039		Set Trigger
5	2.497	0.051	0.033	0.032	0.040		Set Trigger

Avg 2.51

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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	4.052	0.051	0.033	0.030	0.064		Set Trigger
2	4.114	0.051	0.033	0.030	0.065		Set Trigger
3	4.142	0.052	0.033	0.029	0.067		Set Trigger
4	4.051	0.051	0.034	0.030	0.065		Set Trigger
5	4.123	0.051	0.033	0.029	0.067		Set Trigger

AVG 4.09

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	127461		
SERIAL NUMBER	C66574644		
LOG-IN DATE	3-30-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-17-07	RTZ
505	RE-BARREL	4-20-07	RTZ
560	ASSEMBLE	4-19-07	TRW
600	PROOF	4-19-07	TRW
605	CHECK HEADSPACE	4-19-07	TRW
610	DIS-ASSEMBLE GUN	4-20-07	RTZ
612	MAGNAFLUX	4-24-07	unsub
510	DRILL AND TAP	4-24-07	TRW
615	ROLLMARK CALIBER	4-24-07	CW
618	ROTO-BLAST	4-24-07	LB
620	APPLY COATINGS	4-27-07	WJ
625	FINAL ASSEMBLY	5-7-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	5-8-07 TRW
650	TARGET	PASS FAIL	5-8-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		5-14-07 CFS
	A) HEADSPACE	PASS FAIL	5-14-07 RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.43 2.16 2.26 2.18 2.35 5-9-07 TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6.5 6.0 6.5 5-9-07 TRW
	G) SAFETY OFF FORCE	2 LBS MIN	2.75 2.5 2.75 5-9-07 TRW
	I) FIRING PIN INDENT	.020	.024 ⁵ .025 .025 5-9-07 TRW
690	PACK		5-14-07 DA

Remington®



VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ H24

SERIAL NO.
C6594644

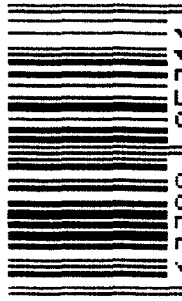
ORDER NO.
5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6594644

UPC



0 42700 25216

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594644

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 16	91	RW
600	Proof	1 16	91	RW
607	Check Headspace	1 16	91	RW
610	Dis-assemble Gun	1 16	91	RW
612	Magnaflux Barrel Action	1 18	91	KR
	Magnaflux Bolt	1 18		KR
615	Rollmark Caliber	1 18	91	SS.
617	Drill and Tap Sight Holes	1 24	91	FB
618	Polish Barrel	1 24	91	WB
620	Apply Coatings (Barrel Action)		2-15-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/91	RW
	C) Inspect Ejector Hole for Chamfer		2/19/91	RW
	D) Oil Firing Pin Ass'y		2/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/8/91	Y

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			3/18/91	WB
	G) Safety Off Force	2	2	2			3/18/91	WB
	H) Trigger Pull Test & Retainability						3/18/91	JH
	I) Firing Pin Indent	.0225	.0225	.0225			3/18/91	WB
	J) Assemble Stock						3/18/91	RW
	K) Assemble Swivel Studs						3-11-91	D/H
	L) Attach Front and Rear Sight Assemblies						3/8/91	RW
	M) Iron Sight Alignment						3/8/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/8/91	RW
	O) Attach Scope to Rifle						3/8/91	RW
	P) Detach & Attach Scope 20 Times						3/8/91	RW
640	Gallery Target & Test						3-9-91	D/H
	A) Time						3-9-91	D/H
	B) Malfunctions						3-9-91	D/H
	C) Pierced Primers						3-9-91	D/H
	D) Optical Clarity of Scope						3-9-91	D/H
645	Inspect for Live Ammo						3-9-91	D/H
655	Final Inspection							
	A) Headspace						3-11-91	D/H
	B) Trigger Pull	2.45	2.49	2.49	2.39	2.45	3/11/91	JH
	C) Function						3-11-91	D/H
660	Pack						3-20-91	D/H

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6594644

DATE 3-8-91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.40	2.38	2.45	MIN. SETTING, NO. AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.39	2.38	2.49	
PULL #3	2.38	2.34	2.26	2.49	
PULL #4	2.43	2.36	2.30	2.39	
PULL #5	2.33	2.31	2.30	2.45	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.19		
PULL #2	3.49	3.12		
PULL #3	3.36	3.22		
PULL #4	3.29	3.16		
PULL #5	3.21	3.19		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.35		4.37
PULL #2	4.18	4.32		4.41
PULL #3	4.21	4.23		4.41
PULL #4	4.51	4.15		4.43
PULL #5	4.42	4.38		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594644
9 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.193866
1 TO	2	.379328
1 TO	3	.382636
1 TO	4	.439038
1 TO	5	.397947

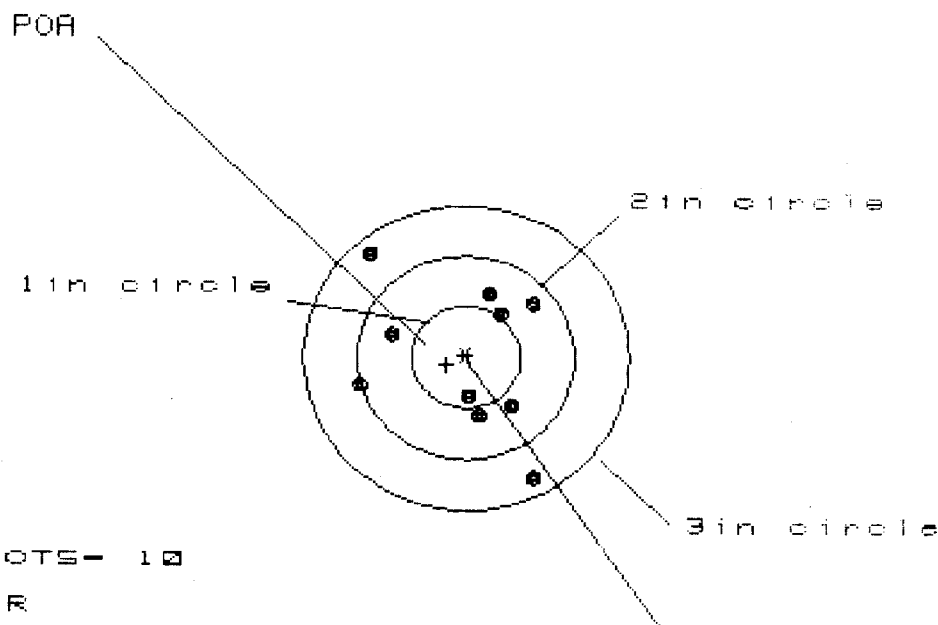
$\frac{5}{1+3+4}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1876
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1028
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .21392
THE AMR FOR THIS RIFLE IS: .9034

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06534644

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 1

2in - 8

3in - 10

HS- 1.610

VS- 2.168

GS- 2.632

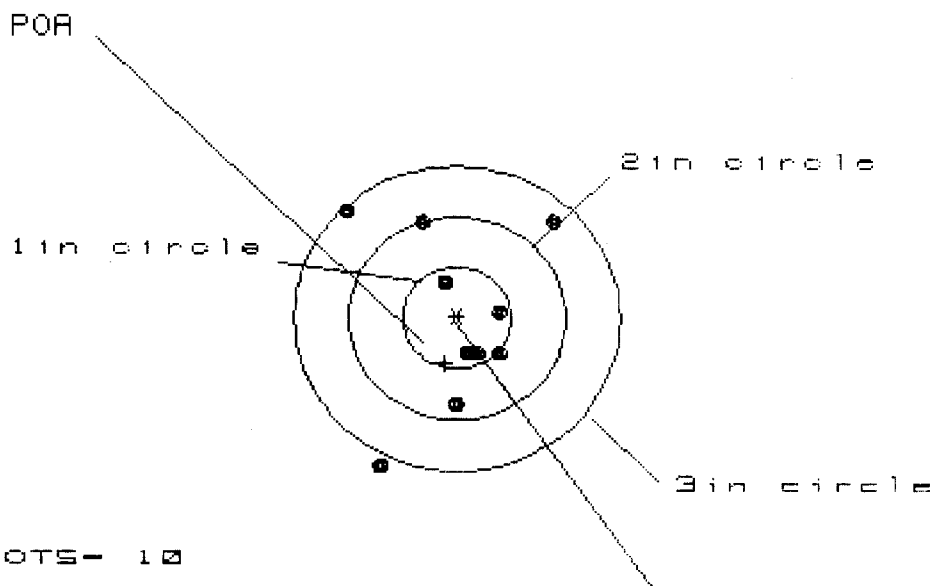
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.668	.741	.646
MINIMUM X	-.942	-.869	-.964
MAXIMUM Y	1.008	.879	.561
MINIMUM Y	-1.160	-.750	-.640
CENTROID X	.180	.107	.202
CENTROID Y	.072	.201	.091
POA TO CENTROID in.	.194	.228	.222
MIN RADIUS	.326	.467	.343
MEAN RADIUS	.789	.732	.655
MAX RADIUS	1.334	1.162	.994
HORIZONTAL SPREAD	1.610	1.610	1.610
VERTICAL SPREAD	2.168	1.629	1.201
EXTREME SPREAD	2.632	1.886	1.780
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 1.888

VS= 2.494

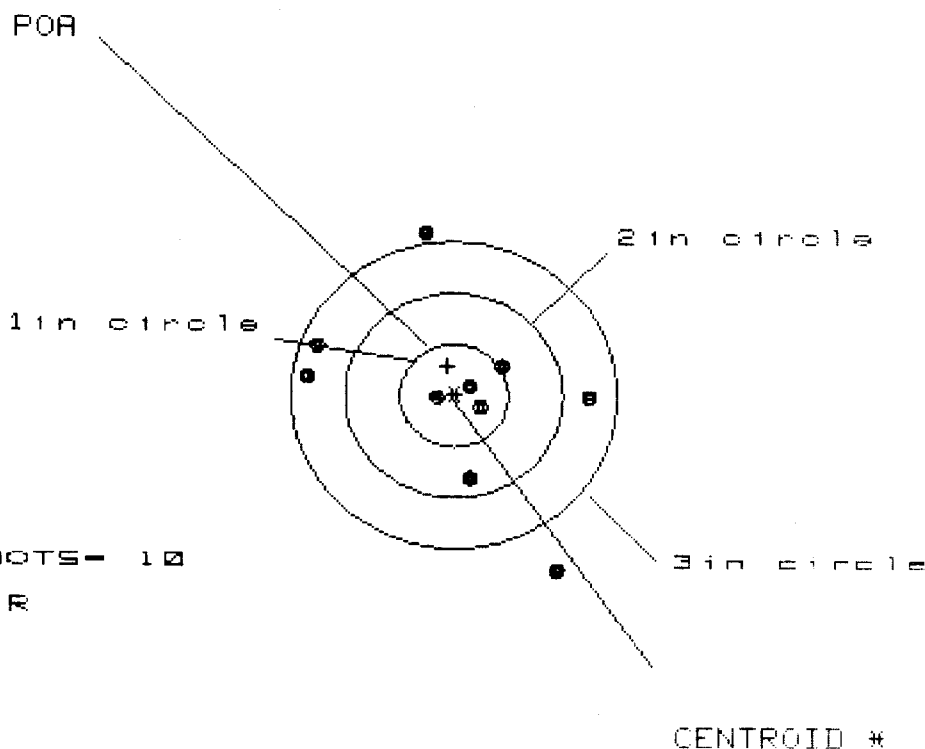
GS= 2.826

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.919	.844	.714
MINIMUM X	:	-.969	-1.044	-.531
MAXIMUM Y	:	1.097	.942	.901
MINIMUM Y	:	-1.397	-1.044	-.927
CENTROID X	:	.111	.186	.316
CENTROID Y	:	.445	.600	.483
POA TO CENTROID in.	:	.459	.628	.577
MIN RADIUS	:	.330	.299	.204
MEAN RADIUS	:	.836	.756	.635
MAX RADIUS	:	1.550	1.406	1.150
HORIZONTAL SPREAD	:	1.888	1.888	1.245
VERTICAL SPREAD	:	2.494	1.986	1.828
EXTREME SPREAD	:	2.826	2.214	2.042
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.579

VS= 3.322

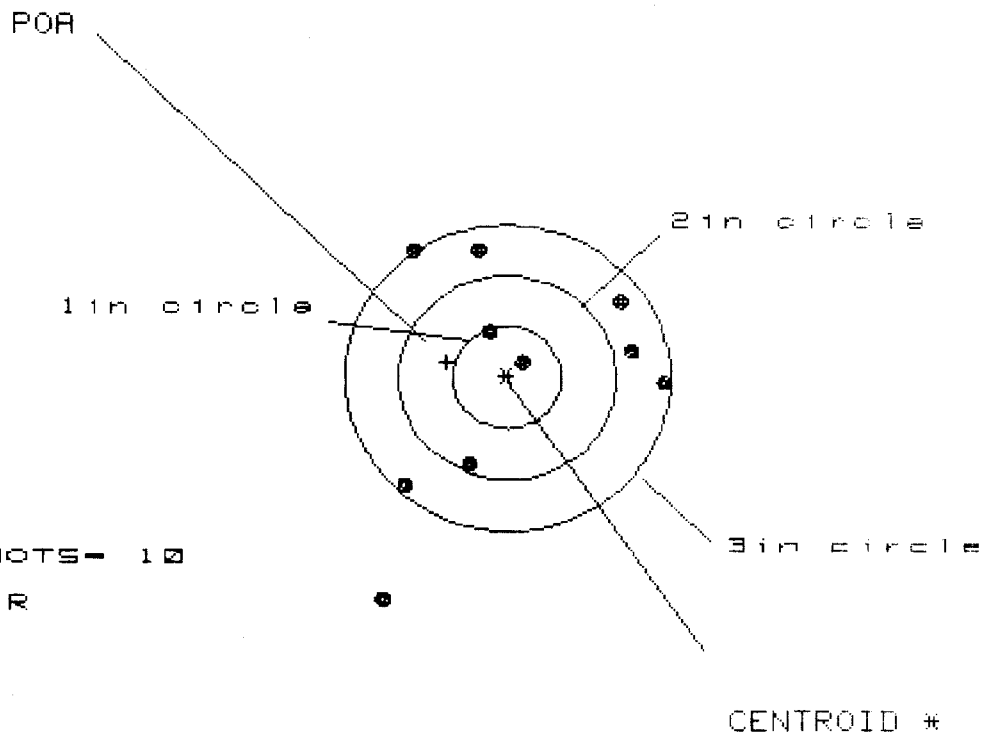
GS= 3.534

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.196	1.299	1.278
MINIMUM X	:	-1.383	-1.280	-1.300
MAXIMUM Y	:	1.572	1.378	.454
MINIMUM Y	:	-1.750	-1.007	-.835
CENTROID X	:	.059	-.044	-.024
CENTROID Y	:	-.291	-.097	-.269
POA TO CENTROID in.	:	.297	.107	.270
MIN RADIUS	:	.131	.231	.072
MEAN RADIUS	:	.947	.857	.748
MAX RADIUS	:	1.984	1.388	1.313
HORIZONTAL SPREAD	:	2.579	2.579	2.579
VERTICAL SPREAD	:	3.322	2.385	1.289
EXTREME SPREAD	:	3.534	2.587	2.587
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 2

2in - 3

3in = 5

HS= 2.567

VS= 3.391

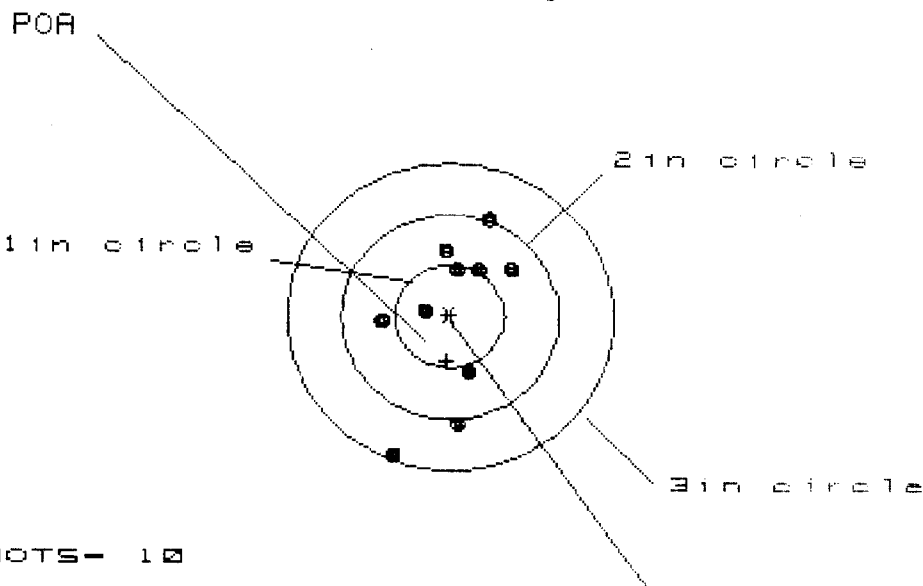
GS= 3.593

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.426	1.299	1.177
MINIMUM X	:	-1.141	-1.111	-1.234
MAXIMUM Y	:	1.291	1.057	1.155
MINIMUM Y	:	-2.100	-1.312	-1.179
CENTROID X	:	.557	.684	.806
CENTROID Y	:	-.153	.081	-.052
POA TO CENTROID in.	:	.577	.688	.808
MIN RADIUS	:	.164	.122	.130
MEAN RADIUS	:	1.216	1.042	.992
MAX RADIUS	:	2.390	1.719	1.707
HORIZONTAL SPREAD	:	2.567	2.410	2.410
VERTICAL SPREAD	:	3.391	2.369	2.334
EXTREME SPREAD	:	3.593	2.743	2.743
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	3		
NUMBER IN THREE INCH CIRCLE =	:	5		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.185

VS= 2.268

GS= 2.456

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.590	.526	.530
MINIMUM X	:	-.595	-.659	-.655
MAXIMUM Y	:	.916	.766	.614
MINIMUM Y	:	-1.352	-1.212	-.854
CENTROID X	:	.031	.095	.091
CENTROID Y	:	.441	.591	.743
POA TO CENTROID in.	:	.442	.599	.748
MIN RADIUS	:	.217	.275	.154
MEAN RADIUS	:	.729	.612	.496
MAX RADIUS	:	1.469	1.213	.856
HORIZONTAL SPREAD	:	1.185	1.185	1.185
VERTICAL SPREAD	:	2.268	1.978	1.468
EXTREME SPREAD	:	2.456	1.997	1.489
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	