

C6349019

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00151229

Serial: C6349019 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 9/16/2008 2:28:36 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: ISD ARMSROOM

ISD ARMSROOM

Address 1: 8TH DESERT STORM

8TH DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Poor

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

9/16/2008

3:27 PM

CAPS

NUM

INS

SCRL



3:27 PM

Serial Number: C6349019
Model: M24 SWS
RE00151229

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-26-02-C-0149

UNIT NUMBER 151229
SERIAL NUMBER C6349019
LOAN DATE 9-16-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-17-08	RT
505	RE-BARREL	9-22-08	RT
560	ASSEMBLE	9-22-08	RT
600	PROOF	9-22-08	SPD
605	CHECK HEADSPACE	9-22-08	SPD
610	DIS-ASSEMBLE GUN	9-22-08	SPD
612	MAGNAFLUX	9/30/08	SPD
510	DRILL AND TAP	9-23-08	SP
615	ROLLMARK CALIBER	9/30/08	RT
618	ROTO-BLAST		
620	APPLY COATINGS	10/1	
625	FINAL ASSEMBLY	10-7-08	RT
640	FUNCTION TEST AND	PASS	FAIL
650	TARGET	PASS	FAIL
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	10-8-08	RT
	A) HEADSPACE	PASS	FAIL
	B) TRIGGER PULL	2.54 2.51 2.54 2.54 2.54	10-13-08
	C) SAFETY ON FORCE	3.0 3.5 4.0	10-22-08
	D) SAFETY OFF FORCE	4.0 4.0 4.5	10-22-08
	E) FIRING PIN INDENT	.022 .022 .022	10-22-08
690	PACK		10/20/08 FM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349019.___0
FILE DATE AND TIME: 10/08/2008 15:57

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.063
The Average Y Centroid of the Five Target Set:	0.002
The Average Point of Impact of the Five Target Set:	0.063
The Average Mean Radius of the Five Target Set:	0.742
The Distance from POA to Centroid Target #1:	0.144
The Distance from Centroid Target #2 to Centroid Target #1:	0.241
The Distance from Centroid Target #3 to Centroid Target #1:	0.026
The Distance from Centroid Target #4 to Centroid Target #1:	0.071
The Distance from Centroid Target #5 to Centroid Target #1:	0.182

SERIAL NUMBER: C6349019. __0

TARGET NUMBER: 1

FILE DATE: 10/08/2008

FILE TIME: 15:57

X CENTROID: -0.142

Y CENTROID: 0.026

POA TO CENTROID: 0.144

HORZ SPREAD: 1.568

VERT SPREAD: 2.029

GROUP SPREAD: 2.070

MIN RADIUS: 0.237

MAX RADIUS: 1.257

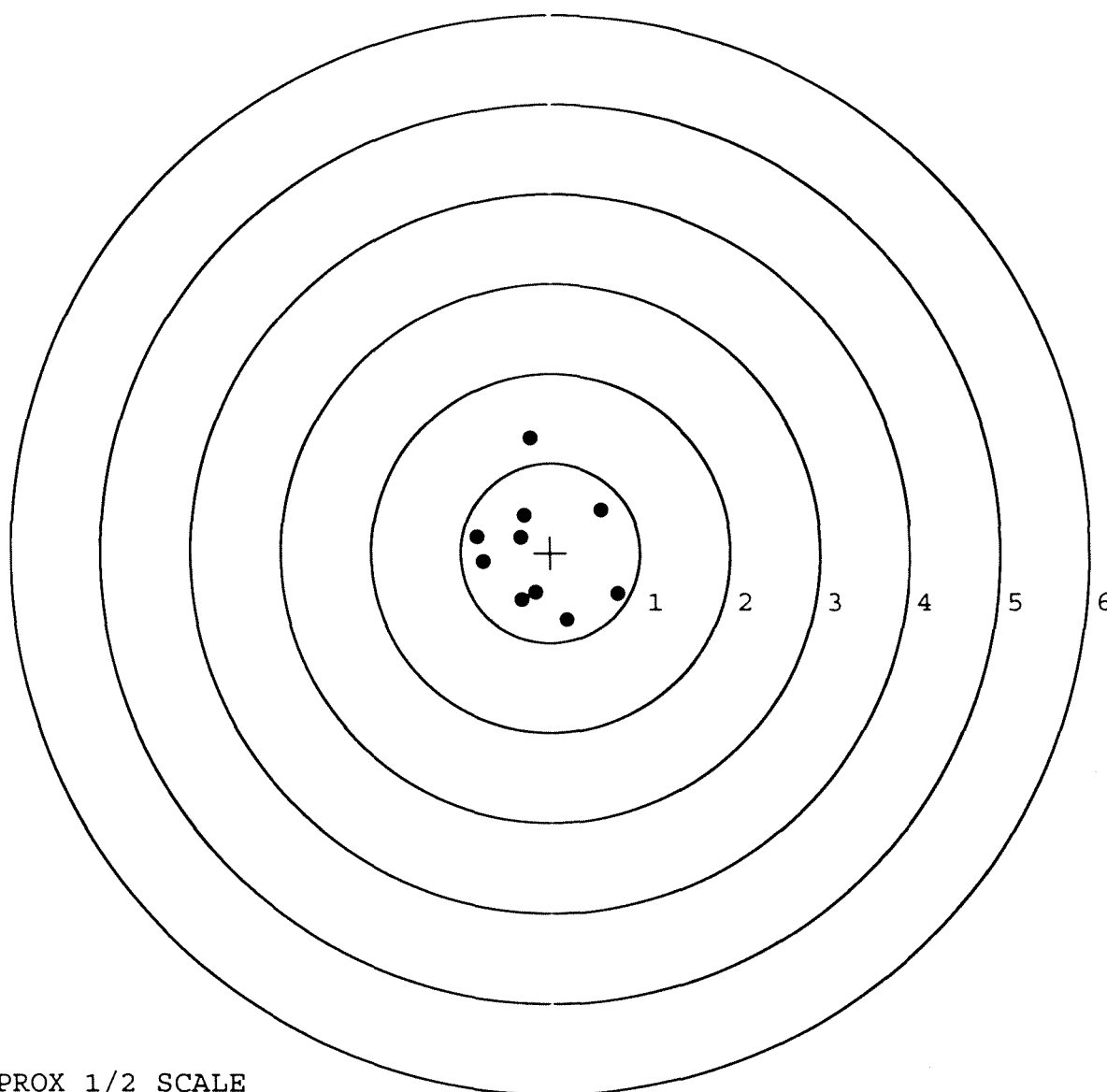
MEAN RADIUS: 0.696

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.225	1.280
2:	0.185	-0.749
3:	0.750	-0.455
4:	0.563	0.474
5:	-0.323	-0.526
6:	-0.173	-0.440
7:	-0.751	-0.096
8:	-0.818	0.184
9:	-0.329	0.171
10:	-0.295	0.414

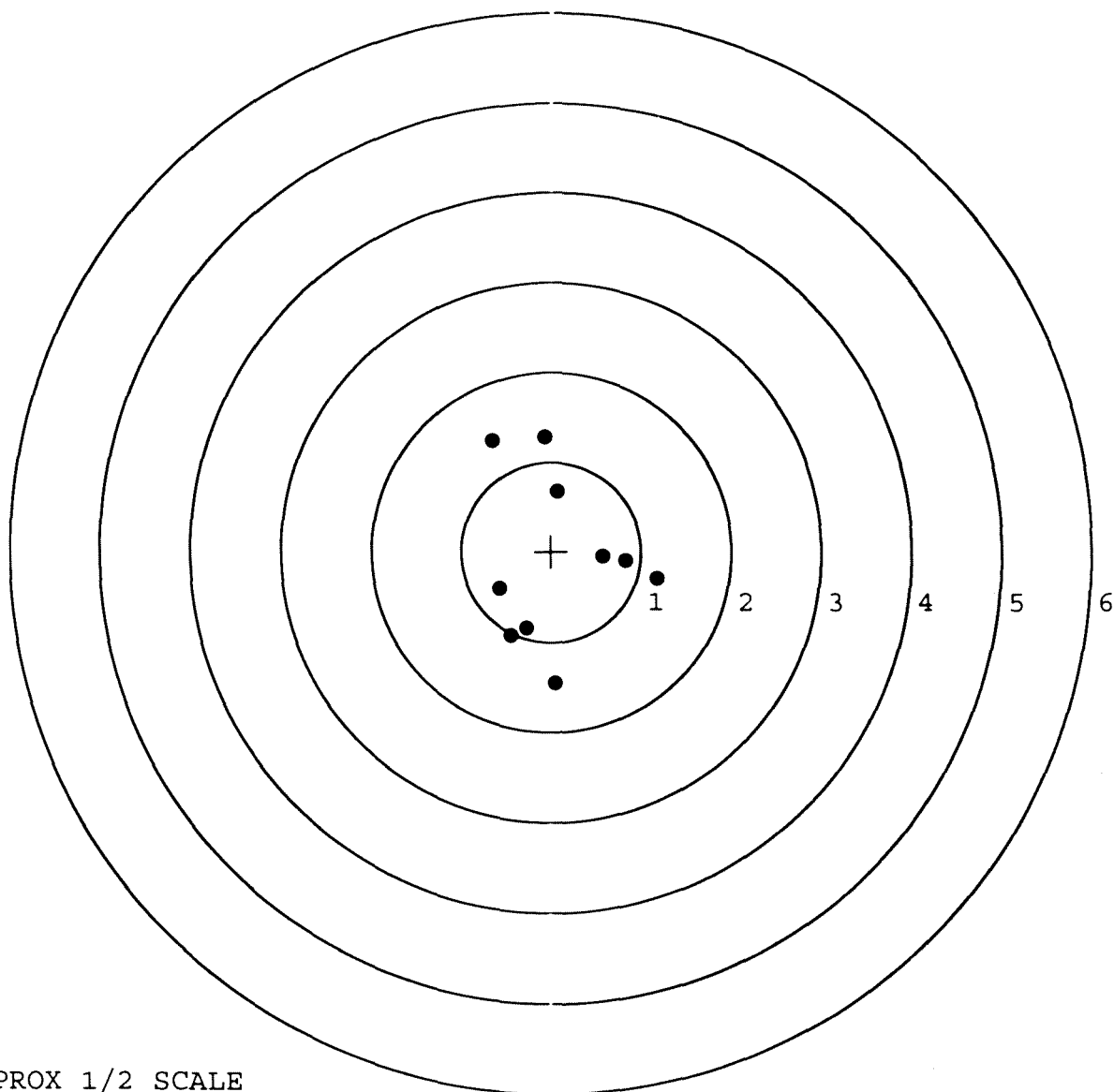


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349019. __0
TARGET NUMBER: 2
FILE DATE: 10/08/2008
FILE TIME: 15:57

X CENTROID: 0.068
Y CENTROID: -0.094
POA TO CENTROID: 0.116
HORZ SPREAD: 1.831
VERT SPREAD: 2.737
GROUP SPREAD: 2.791
MIN RADIUS: 0.511
MAX RADIUS: 1.515
MEAN RADIUS: 0.995
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.654	1.239
2:	-0.077	1.275
3:	0.048	-1.462
4:	-0.448	-0.929
5:	-0.280	-0.849
6:	-0.568	-0.412
7:	1.177	-0.306
8:	0.830	-0.106
9:	0.578	-0.059
10:	0.071	0.673



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349019. 0

TARGET NUMBER: 3

FILE DATE: 10/08/2008

FILE TIME: 15:57

X CENTROID: -0.124

Y CENTROID: 0.007

POA TO CENTROID: 0.124

HORZ SPREAD: 2.797

VERT SPREAD: 1.649

GROUP SPREAD: 3.247

MIN RADIUS: 0.151

MAX RADIUS: 1.765

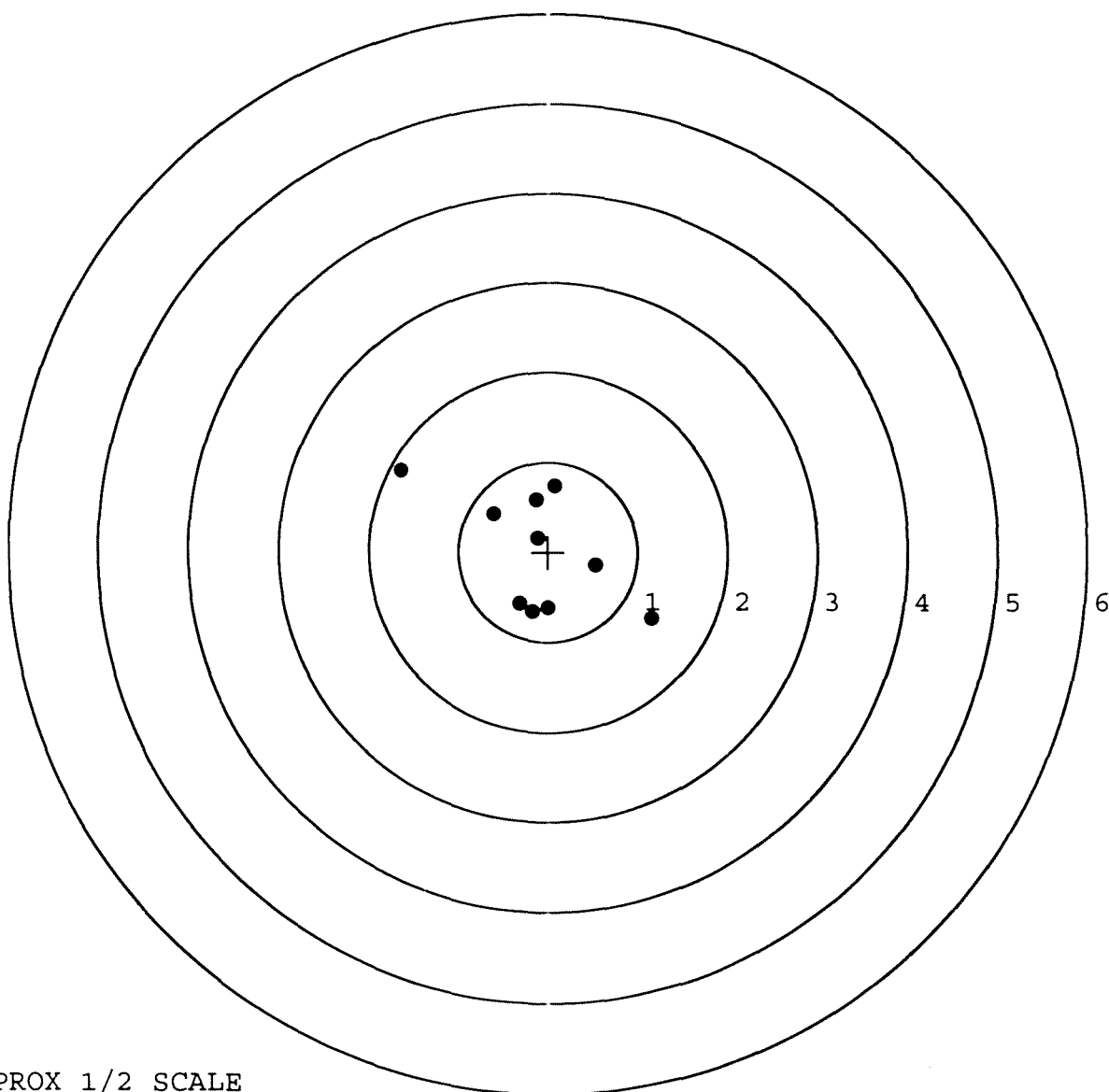
MEAN RADIUS: 0.797

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.641	0.908
2:	1.156	-0.741
3:	-0.316	-0.572
4:	-0.176	-0.661
5:	-0.006	-0.621
6:	0.533	-0.151
7:	-0.115	0.158
8:	-0.609	0.430
9:	-0.138	0.582
10:	0.074	0.736

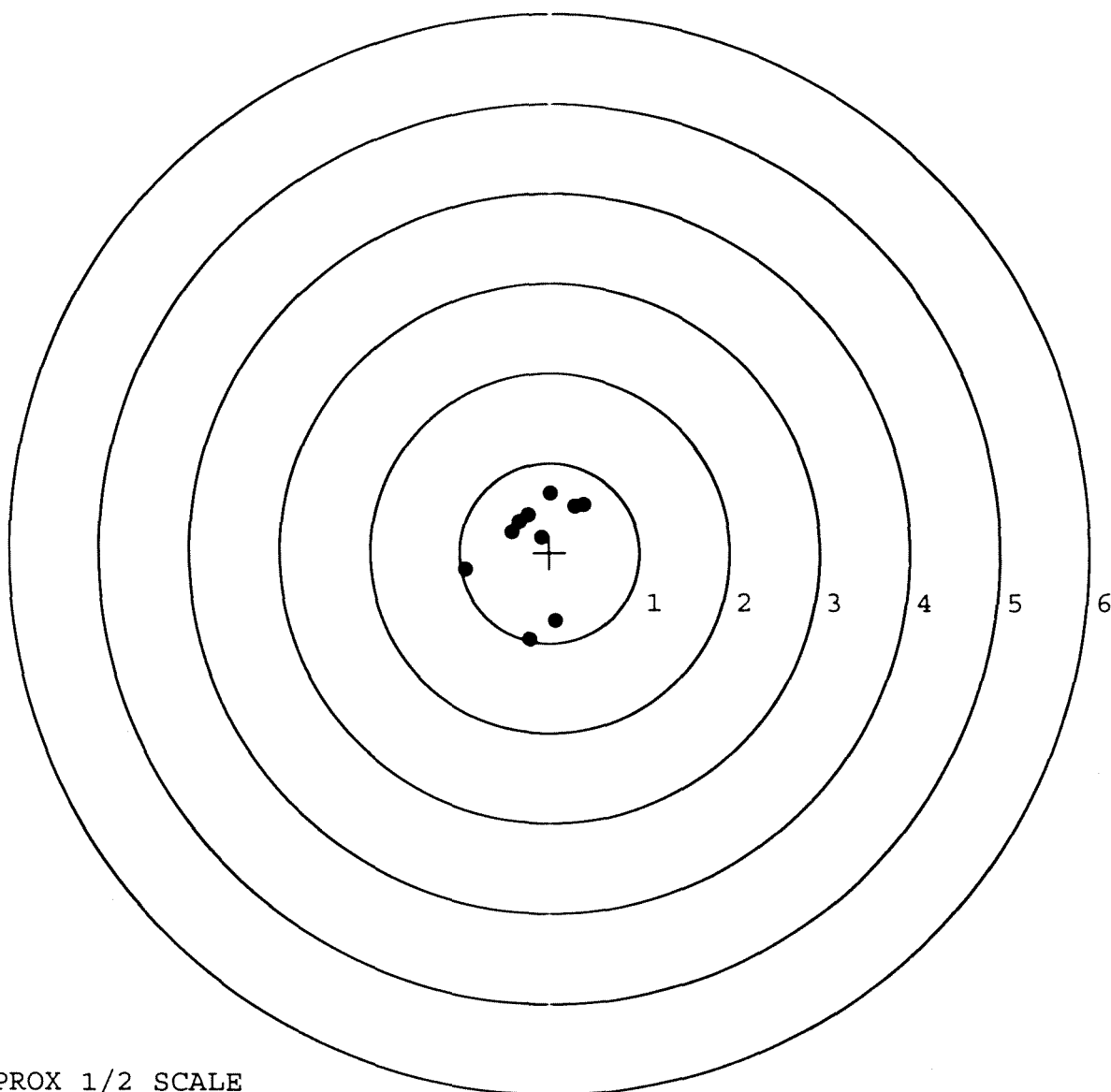


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349019. __0
TARGET NUMBER: 4
FILE DATE: 10/08/2008
FILE TIME: 15:57

X CENTROID: -0.150
Y CENTROID: 0.096
POA TO CENTROID: 0.178
HORZ SPREAD: 1.320
VERT SPREAD: 1.626
GROUP SPREAD: 1.642
MIN RADIUS: 0.093
MAX RADIUS: 1.064
MEAN RADIUS: 0.570
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.221	-0.965
2:	0.073	-0.755
3:	-0.937	-0.188
4:	-0.420	0.228
5:	-0.089	0.167
6:	-0.341	0.342
7:	-0.240	0.417
8:	0.011	0.661
9:	0.285	0.519
10:	0.383	0.537

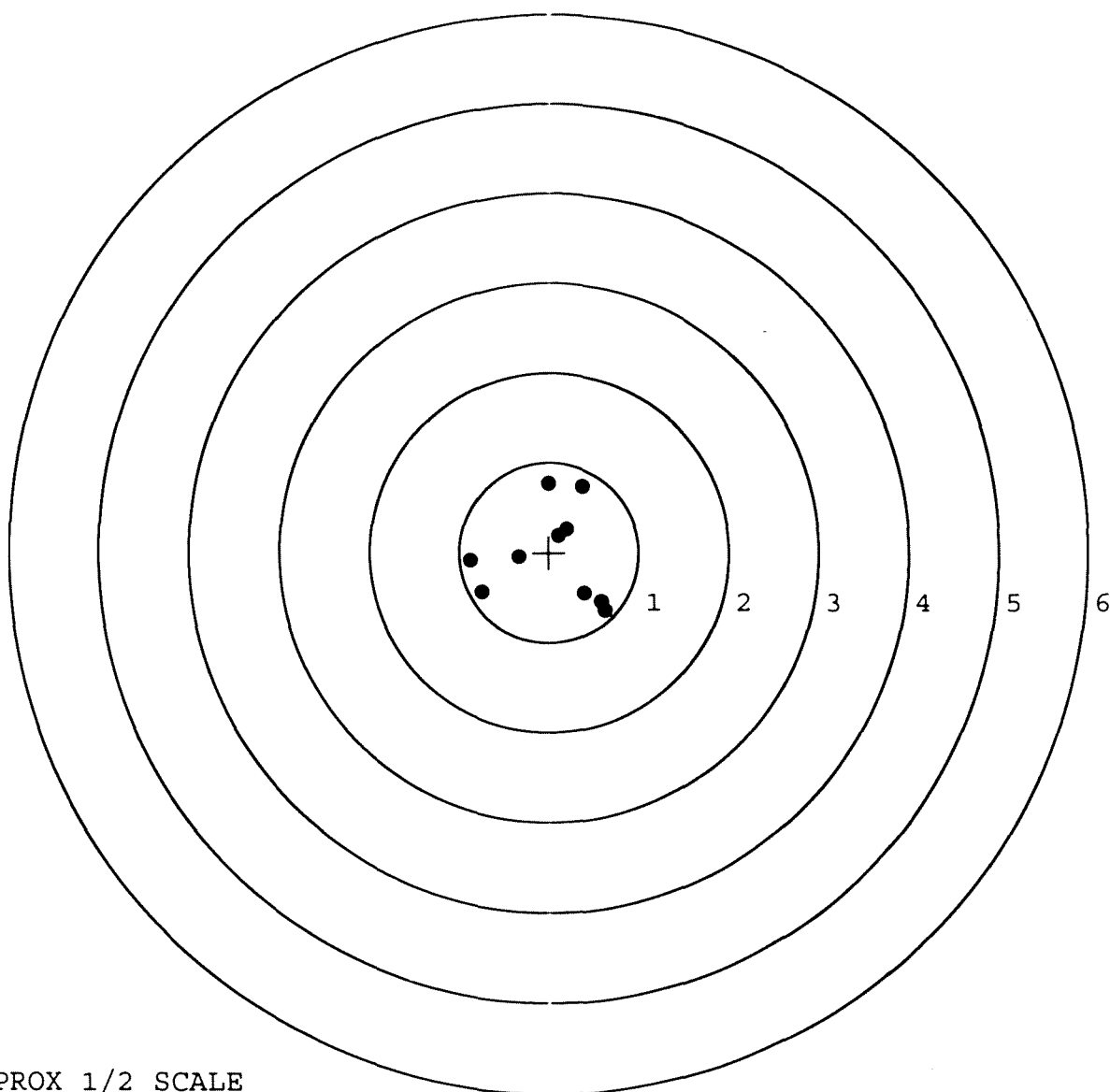


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349019. 0
TARGET NUMBER: 5
FILE DATE: 10/08/2008
FILE TIME: 15:57

X CENTROID: 0.032
Y CENTROID: -0.026
POA TO CENTROID: 0.042
HORZ SPREAD: 1.500
VERT SPREAD: 1.407
GROUP SPREAD: 1.598
MIN RADIUS: 0.230
MAX RADIUS: 0.912
MEAN RADIUS: 0.653
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.747	-0.436
2:	0.623	-0.644
3:	-0.008	0.763
4:	0.378	0.738
5:	-0.877	-0.092
6:	0.398	-0.449
7:	0.581	-0.544
8:	-0.340	-0.049
9:	0.112	0.190
10:	0.204	0.262



TARGET APPROX 1/2 SCALE

R 99-09164

[illegible]

OFFICE COPY

BD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M2400105834

Receipt Of Firearm(s) Delivered to the Plant for Repair
Firearm Checked For Live Ammunition []

File # 00369

Delivery Date 4/7/99

Customer Name (Print) US Army James C Starns Jr.
Address GSC 5th SFG(A) Ft. Campbell State KY Zip 42223
Phone Number (502)- 798-2882/7932

Firearm Description Model 700 (M24) Cal./ Ga. 7.62
Serial Number C6349019

Stock/ Fore-end Condition circle the description
(Excellent; Good; Fair; Poor; Fancy; Plain, Synthetic, Wood)

Comments on Stock/ Fore-end condition _____

Metal Condition circle the description

(Excellent; Good; Fair; Poor; Fancy; Plain Stainless Steel)

Comments on Metal condition _____

Barrel Type (VT. Rib; Plain; Deer; Stainless Steel) Barrel length _____

List additional accessories IE Scope, Sling, Gun case and description;

Customer request: Re-conditioning

Return Process Return to Clark St. Ent. [] Return via UPS [X]

By signing this receipt the person delivering the firearm understands to be the only person to receive the firearm upon completion of repairs.

Signature James C Starns Jr. Date 4/7/99
person delivering firearm.

Signature [Signature] Date 4/7/99
security officer

Signature Angela Longene Date 4/7/99
arms service / CSR

Customer Pick Up Verification

I certify, I am the same person whom delivered the above described firearm to the Remington Ilion plant for repair and may lawfully possess a firearm in New York State

Signature _____ Date ____/____/____
person receiving firearm must be the same whom delivered

Signature _____ Date ____/____/____
security officer or other witness returning the firearm

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349019
18 Jun 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0582
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0652
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0873973

THE AMR FOR THIS RIFLE IS: .9754

CENTROIDAL DISTANCES

0	TO	1	.258805
1	TO	2	.447282
1	TO	3	.305277
1	TO	4	.416581
1	TO	5	.521024

4 2
+ <----POA
1 3 5

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .461

MIN RADIUS : .197

MEAN RADIUS : 1.040

MAX RADIUS : 2.181

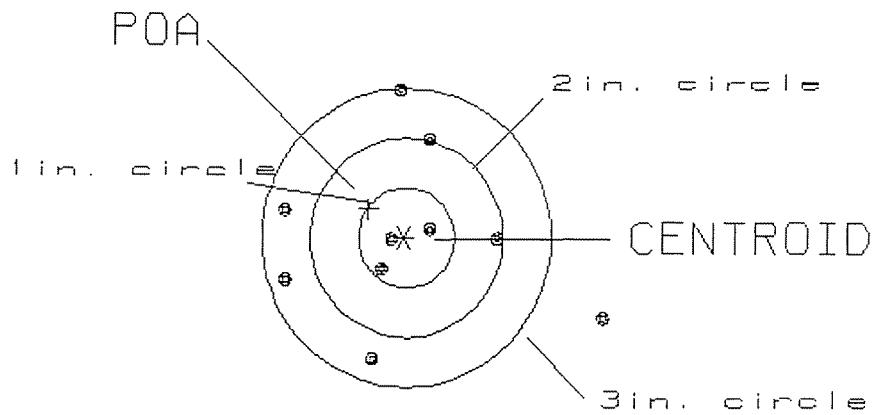
CENTROID X : .361

CENTROID Y : -.287

18 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349019

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.31

3

VS= 2.67

4

GS= 3.48

9

PATTERN #: 2

POA TO CENTROID: .247

MIN RADIUS : .386

MEAN RADIUS : 1.150

MAX RADIUS : 1.976

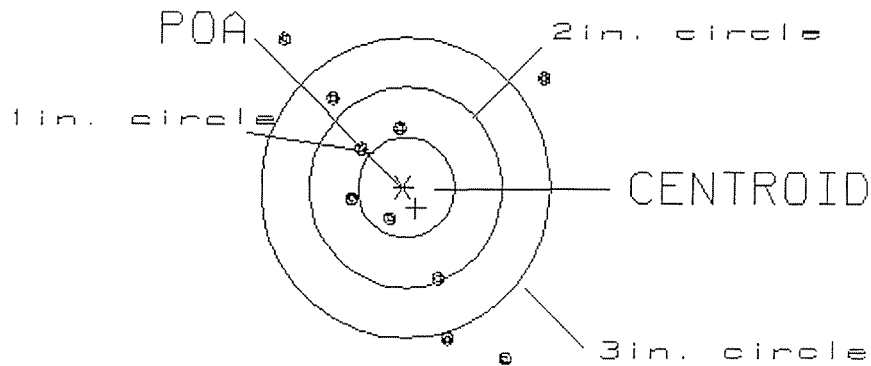
CENTROID X : -.132

CENTROID Y : .208

18 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349019

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.66

1

VS= 3.19

5

GS= 3.91

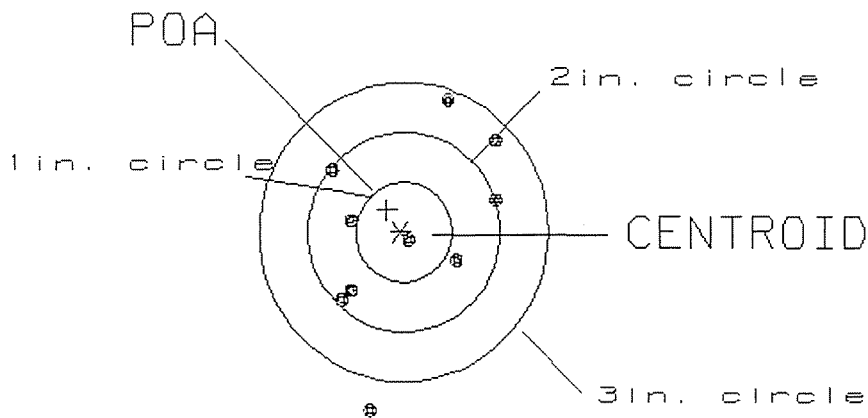
6

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .267
 MIN RADIUS : .098
 MEAN RADIUS : .948
 MAX RADIUS : 1.791
 CENTROID X : .151
 CENTROID Y : -.221

18 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349019

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.68

1

VS= 3.09

6

GS= 3.20

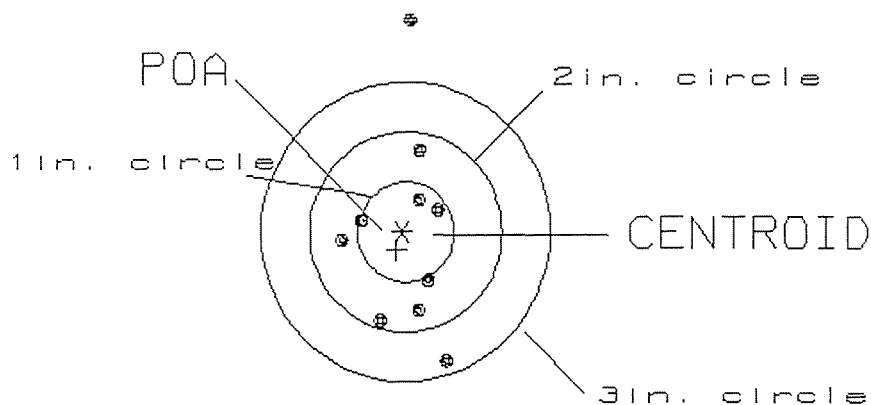
9

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .193
 MIN RADIUS : .299
 MEAN RADIUS : .834
 MAX RADIUS : 2.083
 CENTROID X : .065
 CENTROID Y : .182

18 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349019

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.14

3

VS= 3.37

6

GS= 3.39

9

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .259

MIN RADIUS : .316

MEAN RADIUS : .905

MAX RADIUS : 1.899

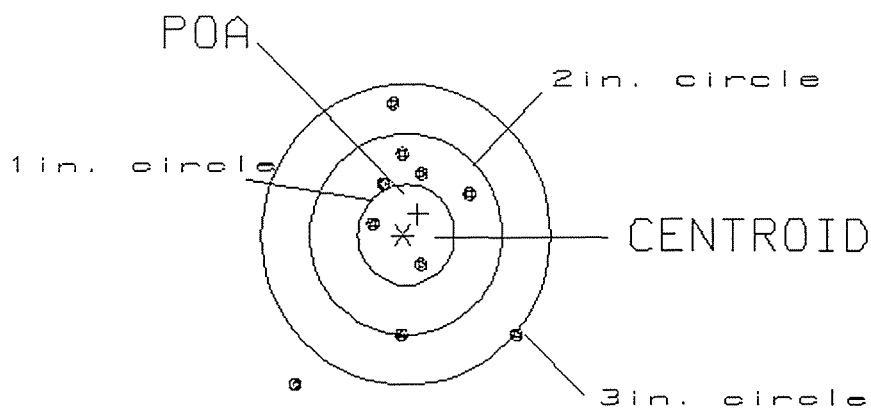
CENTROID X : -.154

CENTROID Y : -.208

18 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349019

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.30

2

VS= 2.78

7

GS= 2.96

9

Remington®



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

MODEL 700™ H24

SERIAL NO.
C6349019

ORDER NO.
5716

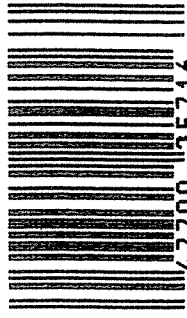
Ø1

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



5716 C6349019

UPC



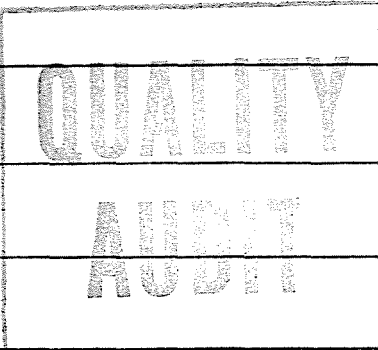
0 47700 25716 7

RC51

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349019

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	 12-20 89	12-20 89	RW
600	Proof	12-20 89	12-20 89	A
607	Check Headspace	12-20 89	12-20 89	A
610	Dis-assemble Gun	12-20 89	12-20 89	RW
612	Magnaflux Barrel Action	1-5-90	1-5-90	RWR
	Magnaflux Bolt	1-5-90	1-5-90	
615	Rollmark Caliber		1/9/90	GS
17	Drill and Tap Sight Holes		1/9/90	FB
618	Polish Barrel <i>RB</i>		1/9/90	WB
620	Apply Coatings (Barrel Action)		1-15-90	JA
	Apply Coating (Bolt)		1-15-90	JA
625	Final Assembly A) Clean inside of Bolt Assembly		1/17/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/17/90	RW
	C) Inspect Ejector Hole for Chamfer		1/17/90	RW
	D) Oil Firing Pin Ass'y		1/17/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/3/90	GS

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	6	6	1-23-90	JS
	G) Safety Off Force	3	3	3	1-23-90	JS
	H) Trigger Pull Test & Retainability				23/1/90	JS
	I) Firing Pin Indent	.0225	.023	.023	1-23-90	JS
	J) Assemble Stock				1/23/90	JS
	K) Assemble Swivel Studs				3/15/90	WB
	L) Attach Front and Rear Sight Assemblies				1/26/90	JS
	M) Iron Sight Alignment				1/26/90	JS
	N) Detach Front & Rear Sights & place in numbered container				1/26/90	JS
	O) Attach Scope to Rifle				3/6/90	WB
	P) Detach & Attach Scope 20 Times				3/6/90	WB
640	Gallery Target & Test				3-6-90	JS Emp. Help
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope					
645	Inspect for Live Ammo					
655	Final Inspection				16 Mar 90	JS
	A) Headspace				16 Mar 90	JS
	B) Trigger Pull	230	240	243	16 Mar 90	JS
	C) Function				16 Mar 90	JS
660	Pack				19 Mar 90	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50#+ .50#
3.00#+ .75#
4.00#+1.00#

SERIAL NO. C6349019
DATE 23 Nov 90
TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.07	2.39	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.03	2.25	2.40	
PULL #3	2.27	2.06	2.16	2.43	
PULL #4	2.37	2.02	2.14	2.36	
PULL #5	2.31	2.26	2.03	2.48	
TOTAL	11.54	10.44	10.97	11.97	
AVG.	2.308	2.088	2.194	2.394	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	2.72		
PULL #2	2.77	2.94		
PULL #3	3.05	2.97		
PULL #4	3.00	2.95		
PULL #5	2.99	2.71		
TOTAL	14.94	14.29		
AVG.	2.988	2.858		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	3.99		4.11
PULL #2	4.09	4.00		3.65
PULL #3	4.12	4.04		3.68
PULL #4	4.13	4.02		3.68
PULL #5	4.13	3.99		3.70
TOTAL	20.64	20.04		18.72
AVG.	4.128	4.008		3.744

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349019
6 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.272883
1 TO	2	.342958
1 TO	3	.824424
1 TO	4	.281514
1 TO	5	.570561

$\frac{5}{32}$ <----POA

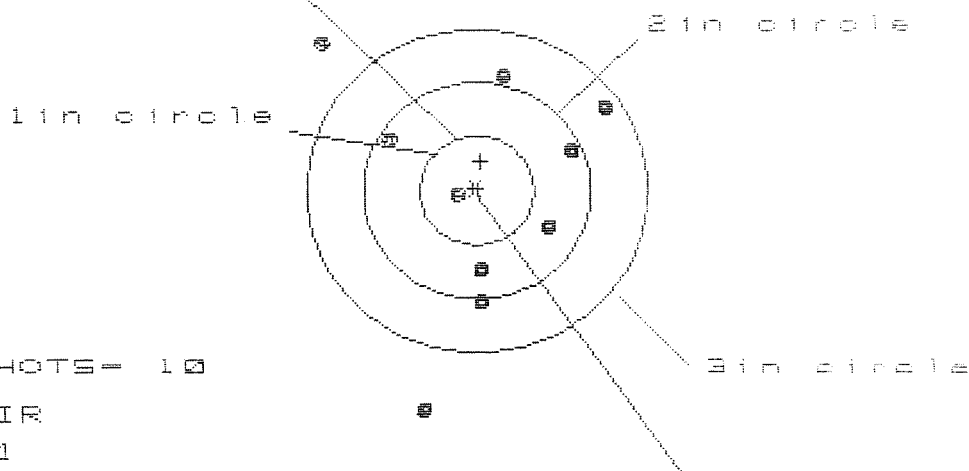
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1836
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0092
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .19383
THE AMR FOR THIS RIFLE IS: 1.138

8 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CG349013

CENTERFIRE PATTERNS # 1

POA



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.440

VS= 3.332

GS= 3.456

CENTROID #

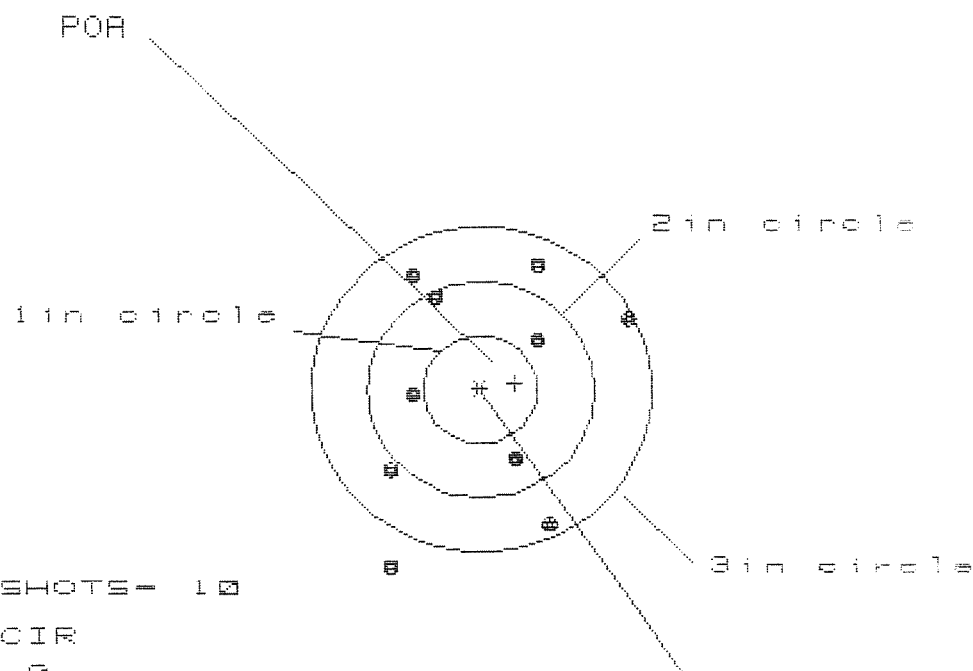
PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.089	1.041	.866
MINIMUM X	:	-1.351	-1.399	-.986
MAXIMUM Y	:	1.351	1.131	.998
MINIMUM Y	:	-1.981	-1.261	-1.120
CENTROID X	:	-.032	.016	.191
CENTROID Y	:	-.271	-.051	-.192
POA TO CENTROID in.	:	.273	.053	.271
MIN RADIUS	:	.201	.352	.435
MEAN RADIUS	:	1.086	.984	.855
MAX RADIUS	:	2.028	1.799	1.144
HORIZONTAL SPREAD	:	2.440	2.440	1.852
VERTICAL SPREAD	:	3.332	2.392	2.118
EXTREME SPREAD	:	3.456	2.744	2.156
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

8 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349019

CENTERFIRE PATTERNS

2



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS = 2.0099

VS = 2.7399

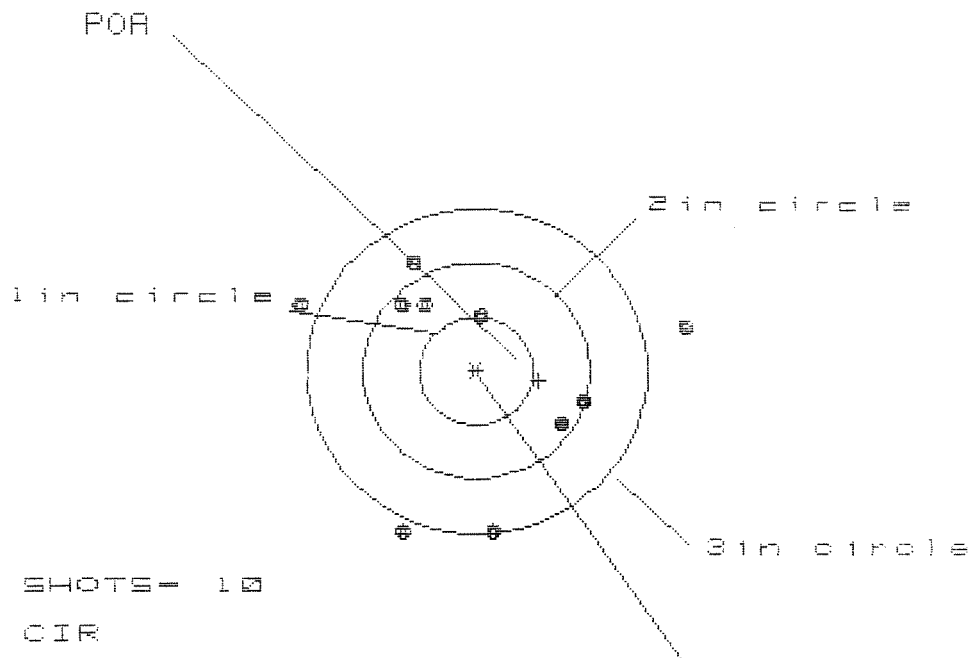
GS = 3.104

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.265	1.174	.668
MINIMUM X	:	-.834	-.925	-.778
MAXIMUM Y	:	1.146	.969	1.035
MINIMUM Y	:	-1.593	-1.442	-1.376
CENTROID X	:	-.300	-.209	-.356
CENTROID Y	:	-.057	.120	.054
POA TO CENTROID in.	:	.306	.241	.360
MIN RADIUS	:	.636	.472	.601
MEAN RADIUS	:	1.121	1.026	.986
MAX RADIUS	:	1.793	1.533	1.530
HORIZONTAL SPREAD	:	2.099	2.099	1.446
VERTICAL SPREAD	:	2.739	2.411	2.411
EXTREME SPREAD	:	3.104	2.641	2.641
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6349013

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 3.410

VS = 2.478

GS = 3.416

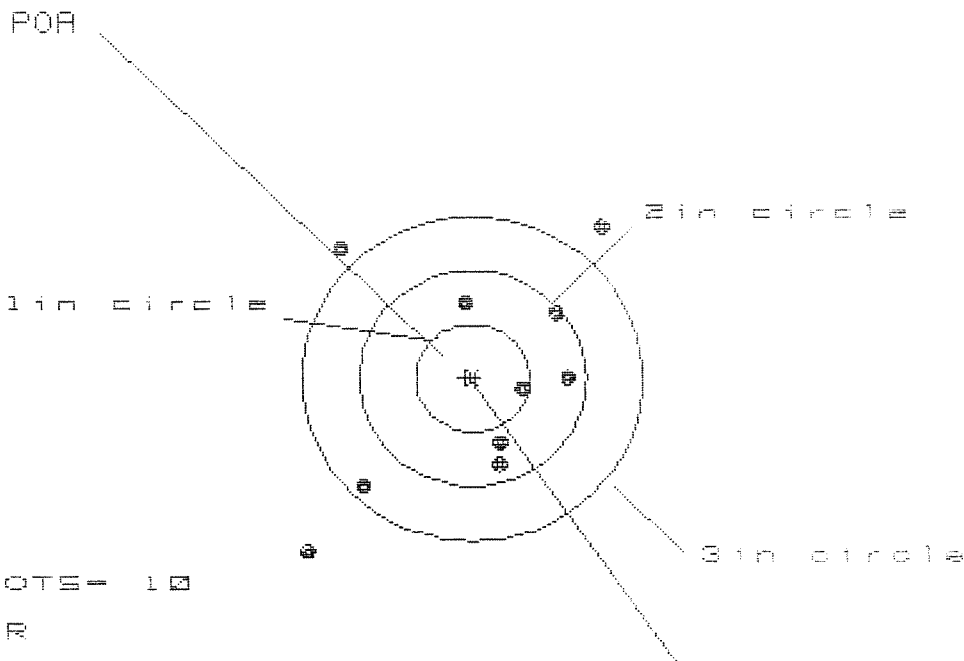
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.871	1.196	1.029
MINIMUM X	:	-1.539	-1.331	-1.632
MAXIMUM Y	:	1.006	1.051	1.133
MINIMUM Y	:	-1.472	-1.427	-1.345
CENTROID X	:	-.545	-.753	-.586
CENTROID Y	:	.085	.040	-.042
POR TO CENTROID in.	:	.551	.754	.588
MIN RADIUS	:	.485	.601	.618
MEAN RADIUS	:	1.181	1.096	1.045
MAX RADIUS	:	1.915	1.501	1.486
HORIZONTAL SPREAD	:	3.410	2.527	1.661
VERTICAL SPREAD	:	2.478	2.478	2.478
EXTREME SPREAD	:	3.416	2.672	2.535
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

6 Mar 1998

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 7

HS= 2.655

VS= 3.061

GS= 4.052

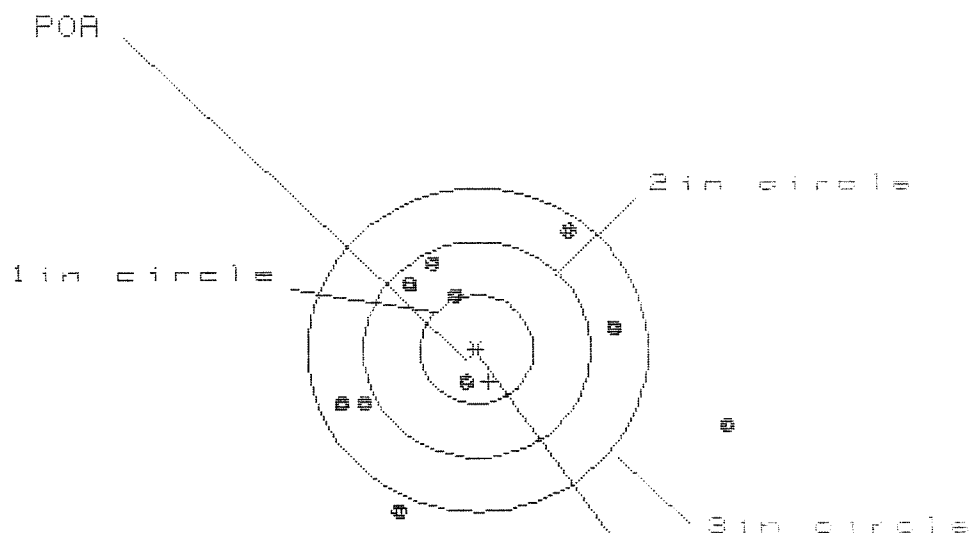
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.178	1.014	.814
MINIMUM X	:	-1.477	-1.350	-1.224
MAXIMUM Y	:	1.453	1.275	1.219
MINIMUM Y	:	-1.608	-1.125	-.966
CENTROID X	:	.063	.227	.101
CENTROID Y	:	-.006	.172	.013
POA TO CENTROID in.	:	.063	.285	.101
MIN RADIUS	:	.466	.419	.437
MEAN RADIUS	:	1.145	.998	.918
MAX RADIUS	:	2.183	1.716	1.727
HORIZONTAL SPREAD	:	2.655	2.364	2.037
VERTICAL SPREAD	:	3.061	2.400	2.185
EXTREME SPREAD	:	4.052	3.188	2.465
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 3.404

VS= 2.612

GS= 3.408

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.171	1.436	1.374
MINIMUM X	:	-1.233	-.992	-1.054
MAXIMUM Y	:	1.140	1.065	.871
MINIMUM Y	:	-1.472	-1.547	-.780
CENTROID X	:	-.104	-.345	-.283
CENTROID Y	:	.295	.370	.564
POR TO CENTROID in.	:	.313	.506	.631
MIN RADIUS	:	.284	.370	.252
MEAN RADIUS	:	1.156	.985	.876
MAX RADIUS	:	2.273	1.624	1.375
HORIZONTAL SPREAD	:	3.404	2.428	2.428
VERTICAL SPREAD	:	2.612	2.612	1.651
EXTREME SPREAD	:	3.408	3.036	2.631
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	