

C6225088

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

RECEIVING AND ESTIMATING REPORT

BARBER - M24 0048637

COMMENTS

ORDER
R 99-08872

INITIAL CUSTOMER ORDER NO.

SWS 165

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

04/05/99

04/05/99

C6225088

700 7.62

M/24

ACCESSORIES

FROM:

SHIP TO:

US ARMY
C CO 3RD BN 7TH SFG (A)

FT CLAYTON PAN AM

34004

US ARMY
C CO 3RD BN 7TH SFG (A)
ATTN: ROBERT HOBART
FT CLAYTON PAN AM

34004

CUST NO: 132573 C.O.D.L.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

GUN CONDITION

☐ NEW☐ LIGHTLY WORN☐ WORN☐ VERY WORN☐ UNREPAIRABLE☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel, 96003

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0048637

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

File # 00165

Delivery Date 04 / 05 / 99Customer Name (Print) U.S. ARMY Robert Hoban
Address C. Co. 3rd BN 7th SEC State Pennsylvania Zip 34004
Phone Number (717) 507 244 4787Firearm Description Model M24 Cal./ Ga. 7.62
Serial Number C6225088
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: Recondition as per (SWS)

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

By signing this receipt the person delivering the firearm understands to be the only person to receive the firearm upon completion of repairs.Signature [Signature] Date 04/05/99
person delivering firearm.Signature [Signature] Date 4/5/99
security officerSignature [Signature] Date 4/5/99
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 StateSignature _____ Date ____/____/____
person receiving firearm must be the same whom deliveredSignature _____ Date ____/____/____
security officer or other witness returning the firearm

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225088
26 May 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0138
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0756
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0768492

THE AMR FOR THIS RIFLE IS: 1.047

CENTROIDAL DISTANCES

0 TO	1	.325006
1 TO	2	.26148
1 TO	3	.535934
1 TO	4	.313129
1 TO	5	.307104

3
+2 <----POA
5 1

REMINGTON CENTERFIRE ACCURACY TEST

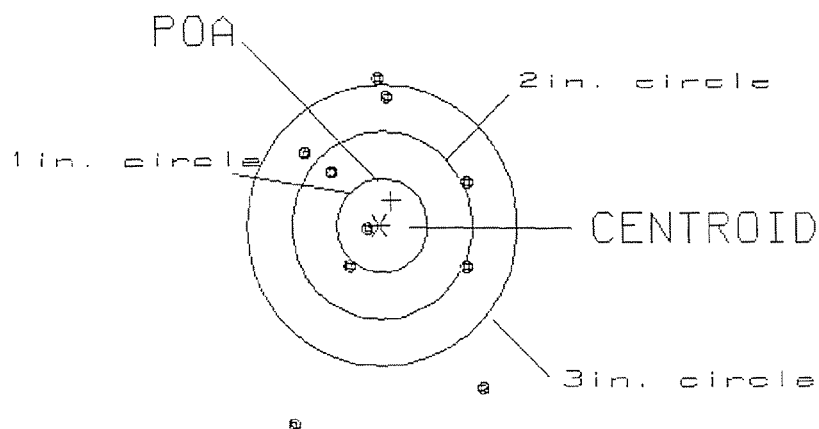
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1
 POA TO CENTROID: .302
 MIN RADIUS : .202
 MEAN RADIUS : 1.206
 MAX RADIUS : 2.318
 CENTROID X : -.137
 CENTROID Y : -.269

26 May 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225000

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.06
 VS= 3.66
 GS= 3.76

1
 4
 7

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .067

MIN RADIUS : .082

MEAN RADIUS : .672

MAX RADIUS : 1.664

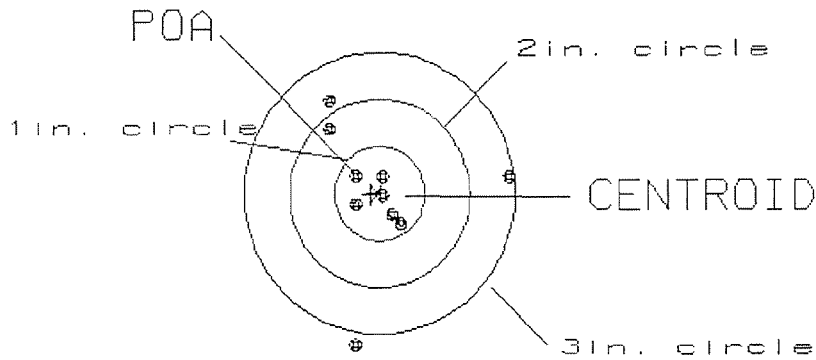
CENTROID X : .065

CENTROID Y : .018

26 May 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225088

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.98

6

VS= 2.65

7

GS= 2.66

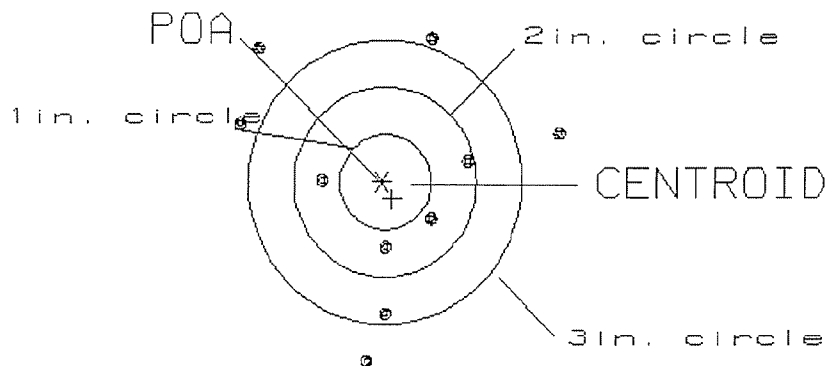
9

PATTERN #: 3
 POA TO CENTROID: .211
 MIN RADIUS : .640
 MEAN RADIUS : 1.345
 MAX RADIUS : 1.979
 CENTROID X : -.105
 CENTROID Y : .183

26 May 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225088

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.44

0

VS= 3.40

4

GS= 3.48

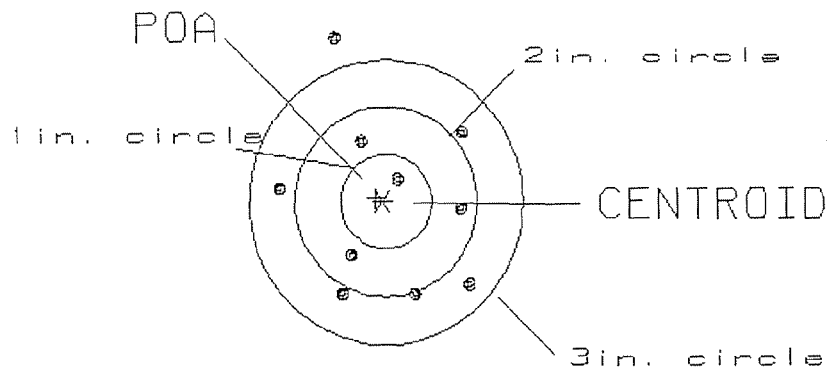
5

PATTERN #: 4
 POA TO CENTROID: .083
 MIN RADIUS : .217
 MEAN RADIUS : .991
 MAX RADIUS : 1.824
 CENTROID X : .076
 CENTROID Y : -.033

26 May 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225088

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.12

1

VS= 2.71

4

GS= 3.01

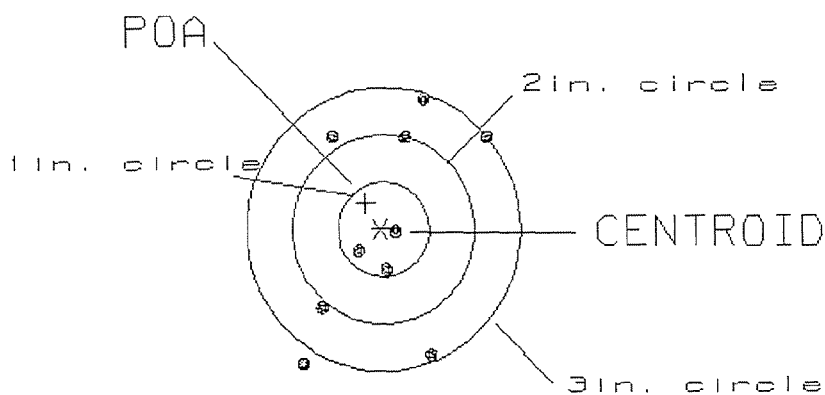
9

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .324
 MIN RADIUS : .099
 MEAN RADIUS : 1.019
 MAX RADIUS : 1.712
 CENTROID X : .170
 CENTROID Y : -.277

26 May 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225088

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.07

3

VS= 2.87

4

GS= 3.16

9

RECEIVING AND ESTIMATING 0048684

COMMENTS

ORDER

R 45-30730

INITIAL CUSTOMER ORDER NO.

JJH 10170

W/LEUPOLD 10X SCOPE
M-24 SNIPER

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

12/01/95

12/04/95

DI 9-88

C6225000

700 7.62

NATO

ACCESSORIES

SCOPE MNTS

SCOPE BASE

L/SIGHTS

CASE BROKEN

FROM:

SHIP TO:

US ARMY
C CO 3RD BN 7TH SFG (A)
FT CLAYTON PAN AM

34004

US ARMY
C CO 3RD BN 7TH SFG (A)
FT CLAYTON PAN AM

34004

CUST NO: 132573 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☒ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARR'D

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

SC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

FAULT

TESTS

COMMENTS

96003 Barrel
15622- Mag SpringRepairer Coat Trigger Guard
ASSY Front & Rear Sight
Bases
Lezinc Scope Base, Rings &
Survival Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6025 REV. 1/84

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0048684

PAYMENT:

Mastercard / Visa (circle one)

Card #:

Exp. Date:

Signature:

RETURN:

☒ Clark Street Entrance☐ Via US Mail or UPS

(PLEASE PRINT CLEARLY)

FIREARMS DELIVERED TO PLANT

FILE Nº 010170DATE 12-03-95

CUSTOMER NAME:

US Army

REMINGTON EMPLOYEE:

ADDRESS:

Cco 3rd Bn 7th SFG(A)YES ☐ NO ☒

EMPLOYEE #

DEPT. #

ZIP:

34004

PHONE:

911 507 287-4661

FIREARM

MODEL: M-24CHECK FOR AMMUNITION ☒GAUGE: 7.62SERIAL # C6225088

CONDITION:

WOOD

GOOD

FAIR

POOR

FANCY

PLAIN

METAL

GOOD

FAIR

POOR

FANCY

PLAIN

BARREL

VT. RIB

PLAIN

DEER RSS

ACCESSORIES:

SCOPE: YES NO(BRAND NAME/POWER) M3A 881055SLING: YES NOGUN CASE: YES NO

(HARD - SOFT)

EXTRA BBL FOR GUN MENTIONED ABOVE:

OTHER (Note in this area items missing or added from orig. equipment)

CUSTOMER REQUEST:

SIGNATURE:

(Person delivering firearm to Plant)

DATE:

3 Dec 95

SIGNATURE:

(Security Officer)

DATE:

12-03-95

SIGNATURE:

(Firearm picked up by)

DATE:

12-4-95

Arm Service Copy

CONTRACT # DAAA21-87-C-0086

*New Barrel*GUN SERIAL # *C6225088*

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		<i>12/5/95</i>	<i>RW</i>
600	Proof		<i>12/5/95</i>	<i>RW</i>
607	Check Headspace		<i>12/5/95</i>	<i>RW</i>
610	Dis-assemble Gun		<i>12/5/95</i>	<i>RW</i>
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		<i>12/5/95</i>	<i>RW</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		<i>12/5/95</i>	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		<i>12/5/95</i>	<i>RW</i>
	D) Oil Firing Pin Ass'y		<i>12/5/95</i>	<i>RW</i>
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0048648 OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force					
	G) Safety Off Force					
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent					
	J) Assemble Stock					
	K) Assemble Swivel Studs					
	L) Attach Front and Rear Sight Assemblies					
	M) Iron Sight Alignment					
	N) Detach Front & Rear Sights & place in numbered container					
	O) Attach Scope to Rifle					
	P) Detach & Attach Scope 20 Times					
640	Gallery Target & Test				12/16/95	BB
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope					
645	Inspect for Live Ammo				12/16/95	BB
655	Final Inspection					
	A) Headspace				12/19/95	RCW
	B) Trigger Pull					
	C) Function				12/19/95	RCW
660	Pack					

Final Inspection

Sni: C6225088

DATE REC'D: 12/1/95

DATE RET'D:

AUDITOR: RW

Item:

BARREL ASSY.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

SCOPE ASSY.

☒ SCOPE☒ SCOPE RINGS☒ MOUNTING SCREWS☒ MOUNTING BASE☒ SCREWS☒ FINISH☒ LOOSENESS☒ CLARITY

MISC.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

STOCK ASSY.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

SYSTEMS CASE

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION☒ SET

Comments:

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225088
1 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	.286458
1 TO	2	.356854
1 TO	3	.789735
1 TO	4	.932893
1 TO	5	.540693

⁴
3 2 1
5+ <----POA

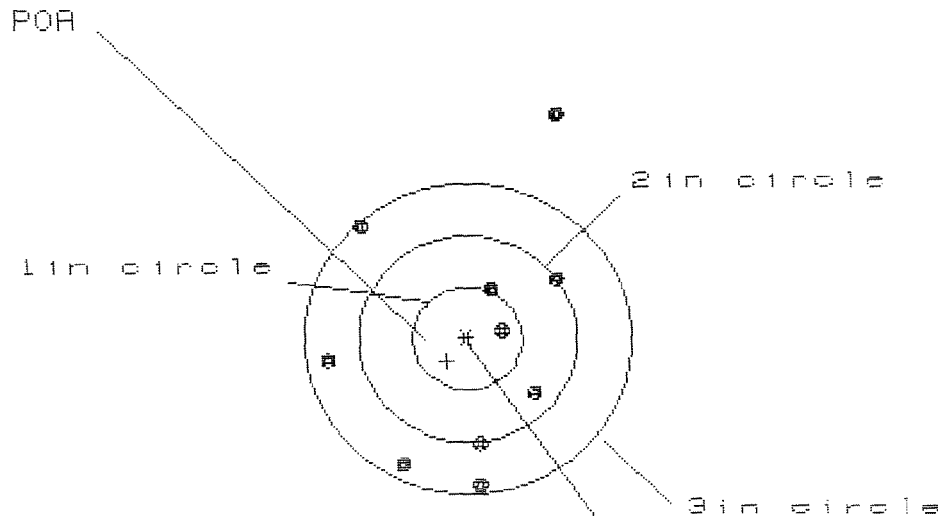
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2974
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .23
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .375961

THE AMR FOR THIS RIFLE IS: 1.053

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225068

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.087

VS= 3.594

GS= 3.691

CENTROID #

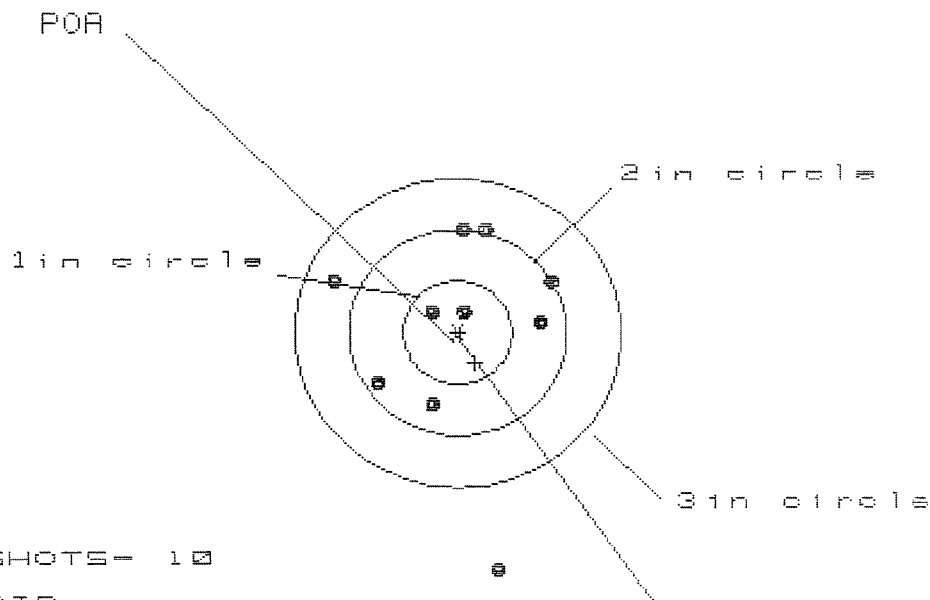
PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.881	.884	.769
MINIMUM X	:	-1.286	-1.197	-1.314
MAXIMUM Y	:	2.179	1.294	.990
MINIMUM Y	:	-1.415	-1.173	-1.011
CENTROID X	:	.187	.098	.215
CENTROID Y	:	.217	-.025	-.187
POA TO CENTROID in.	:	.287	.101	.285
MIN RADIUS	:	.292	.508	.578
MEAN RADIUS	:	1.160	1.027	.927
MAX RADIUS	:	2.321	1.595	1.329
HORIZONTAL SPREAD	:	2.087	2.083	2.083
VERTICAL SPREAD	:	3.594	2.467	2.001

EXTREME SPREAD	:	3.691	2.718	2.304
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225088

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 1.929

VS = 3.326

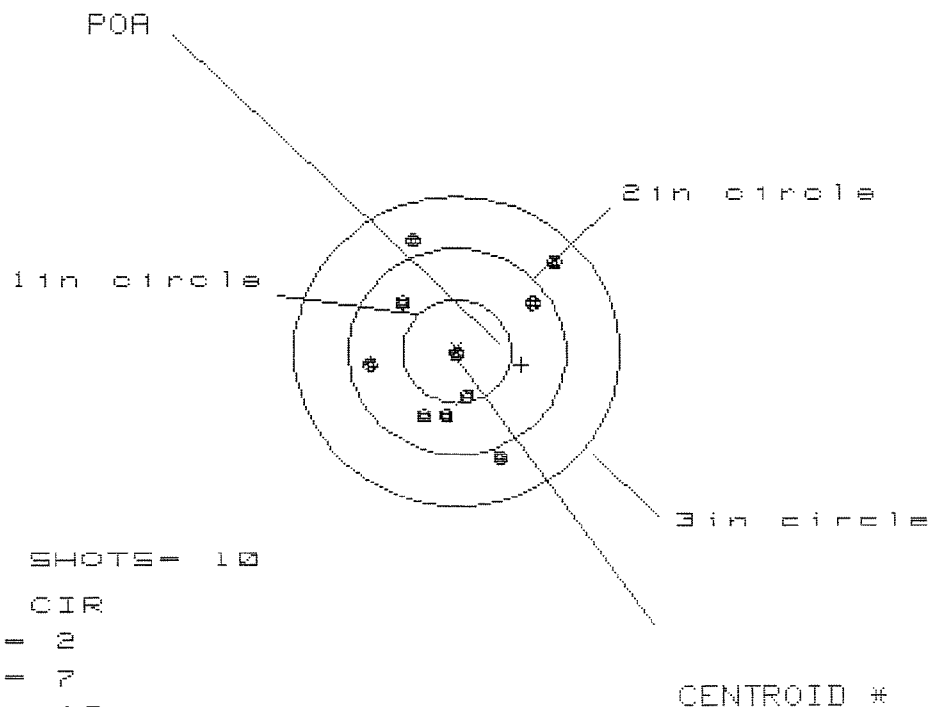
GS = 3.340

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.823	.862	.729
MINIMUM X	:	-1.106	-1.067	-.807
MAXIMUM Y	:	1.022	.767	.796
MINIMUM Y	:	-2.304	-.984	-.955
CENTROID X	:	-.161	-.200	-.067
CENTROID Y	:	.296	.552	.523
POA TO CENTROID in.	:	.338	.588	.527
MIN RADIUS	:	.232	.098	.040
MEAN RADIUS	:	.948	.739	.683
MAX RADIUS	:	2.330	1.093	1.091
HORIZONTAL SPREAD	:	1.929	1.929	1.536
VERTICAL SPREAD	:	3.326	1.751	1.751
EXTREME SPREAD	:	3.340	1.929	1.823
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225088

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.672

VS= 2.081

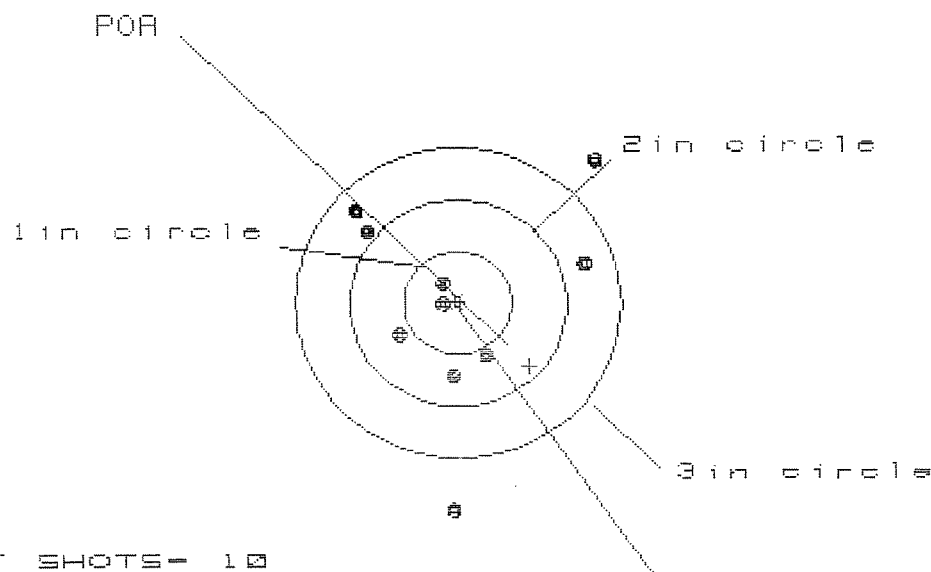
GS= 2.237

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.848	.776	.843
MINIMUM X	:	-.824	-.730	-.663
MAXIMUM Y	:	1.028	1.126	1.007
MINIMUM Y	:	-1.053	-.955	-.634
CENTROID X	:	-.597	-.691	-.758
CENTROID Y	:	.122	.024	.143
POA TO CENTROID in.	:	.610	.692	.771
MIN RADIUS	:	.021	.154	.163
MEAN RADIUS	:	.756	.692	.649
MAX RADIUS	:	1.229	1.163	1.031
HORIZONTAL SPREAD	:	1.672	1.506	1.506
VERTICAL SPREAD	:	2.081	2.081	1.641
EXTREME SPREAD	:	2.237	2.237	1.651
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225088

CENTERFIRE PATTERNS # 4



SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 2.159

VS = 3.458

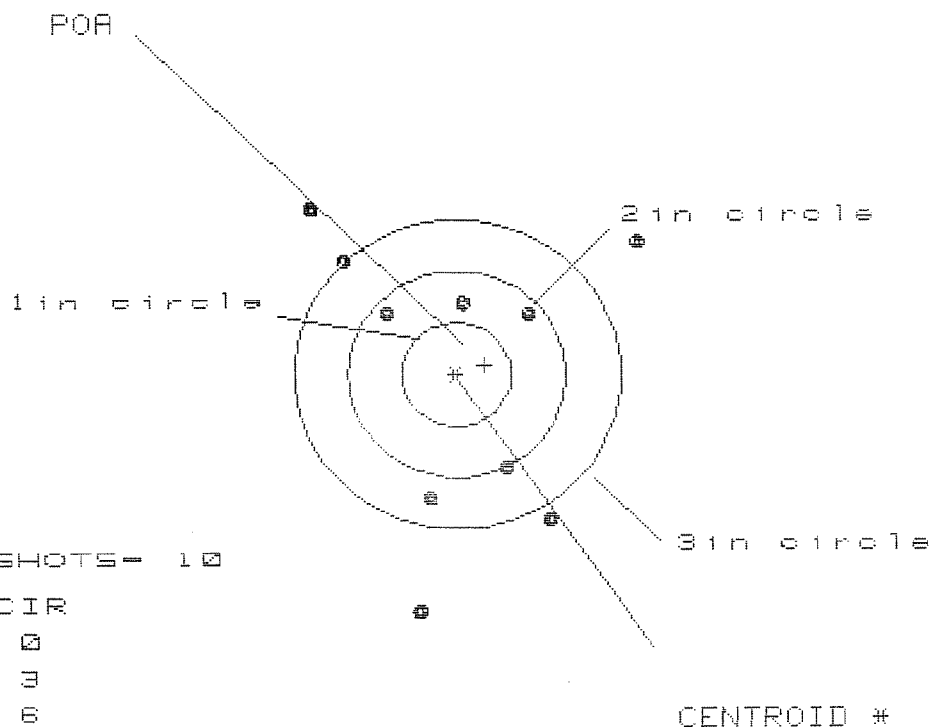
GS = 3.697

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.225	1.216	1.293
MINIMUM X	:	-.934	-.943	-.791
MAXIMUM Y	:	1.419	1.192	.851
MINIMUM Y	:	-2.039	-.952	-.803
CENTROID X	:	-.660	-.651	-.803
CENTROID Y	:	.608	.835	.686
POA TO CENTROID in.	:	.898	1.059	1.056
MIN RADIUS	:	.171	.138	.084
MEAN RADIUS	:	.973	.870	.696
MAX RADIUS	:	2.041	1.703	1.333
HORIZONTAL SPREAD	:	2.159	2.159	2.084
VERTICAL SPREAD	:	3.458	2.144	1.654
EXTREME SPREAD	:	3.697	2.490	2.150
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06225000

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 6

HS= 2.953

VS= 3.864

GS= 4.097

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.651	1.615	.995
MINIMUM X	:	-1.302	-1.338	-1.136
MAXIMUM Y	:	1.596	1.344	1.477
MINIMUM Y	:	-2.268	-1.689	-1.556
CENTROID X	:	-.256	-.220	-.422
CENTROID Y	:	-.093	.159	.026
POA TO CENTROID in.	:	.272	.272	.423
MIN RADIUS	:	.688	.436	.596
MEAN RADIUS	:	1.429	1.294	1.216
MAX RADIUS	:	2.292	1.937	1.864
HORIZONTAL SPREAD	:	2.953	2.953	2.131
VERTICAL SPREAD	:	3.864	3.033	3.033
EXTREME SPREAD	:	4.097	3.707	3.707
NUMBER IN ONE INCH CIRCLE =	:	0		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225088

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	9 12	88	FB
600	Proof	9 19	88	RW
607	Check Headspace	9 19	88	RW
610	Dis-assemble Gun	9 19	88	RW
612	Magnaflux Barrel Action		9-22-88	ppl.
	Magnaflux Bolt		9-22-88	ppl.
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coating (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/88	RW
	C) Inspect Ejector Hole for Chamfer		11/7/88	RW
	D) Oil Firing Pin Ass'y		11/7/88	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/10/88	JU

op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5			11/10/88	JS
	G) Safety Off Force	3	3	3			11/10/88	JS
	H) Trigger Pull Test & Retainability						10/10/88	JU
	I) Firing Pin Indent	.022	.022	.0215			11/10/88	JS
	J) Assemble Stock						11/11/88	RW
	K) Assemble Swivel Studs						30/10/88	JS
	L) Attach Front and Rear Sight Assemblies						11/11/88	RW
	M) Iron Sight Alignment						11/11/88	RW
	N) Detach Front & Rear Sights & place in numbered container						11/11/88	RW
	O) Attach Scope to Rifle						11/14/88	WB
	P) Detach & Attach Scope 20 Times						11/14/88	WB
640	Gallery Target & Test	64 R	87 L				11-15-88	AC
	A) Time							
	B) Malfunctions				NONE			
	C) Pierced Primers				NONE			
	D) Optical Clarity of Scope				OK		11-15-88	AC
645	Inspect for Live Ammo				NONE		11-15-88	AC
655	Final Inspection							
	A) Headspace						30/10/88	JS
	B) Trigger Pull	2.29	2.26	2.26	2.26	2.29	30/10/88	JS
	C) Function						30/10/88	JS
660	Pack						14/Dec 88	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6225088DATE 10/10/88TESTER J. H. + R. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.54	2.53	2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.49	2.57	2.26	
PULL #3	2.58	2.49	2.61	2.20	
PULL #4	2.49	2.50	2.67	2.26	
PULL #5	2.41	2.51	2.73	2.29	
TOTAL	12.03	12.53	13.11	11.36	
AVG.	2.406	2.506	2.622	2.272	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.00		
PULL #2	3.07	3.04		
PULL #3	2.90	2.91		
PULL #4	3.02	3.00		
PULL #5	3.12	3.15		
TOTAL	15.18	15.16		
AVG.	3.036	3.032		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.26		4.15
PULL #2	4.19	4.37		4.10
PULL #3	4.28	4.27		4.13
PULL #4	4.27	4.47		4.17
PULL #5	4.39	4.49		4.33
TOTAL	21.19	21.86		20.88
AVG.	4.238	4.372		4.176

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225088

CENTROIDAL DISTANCES

0 TO	1	.438308
1 TO	2	.110422
1 TO	3	.359271
1 TO	4	.57655
1 TO	5	.279

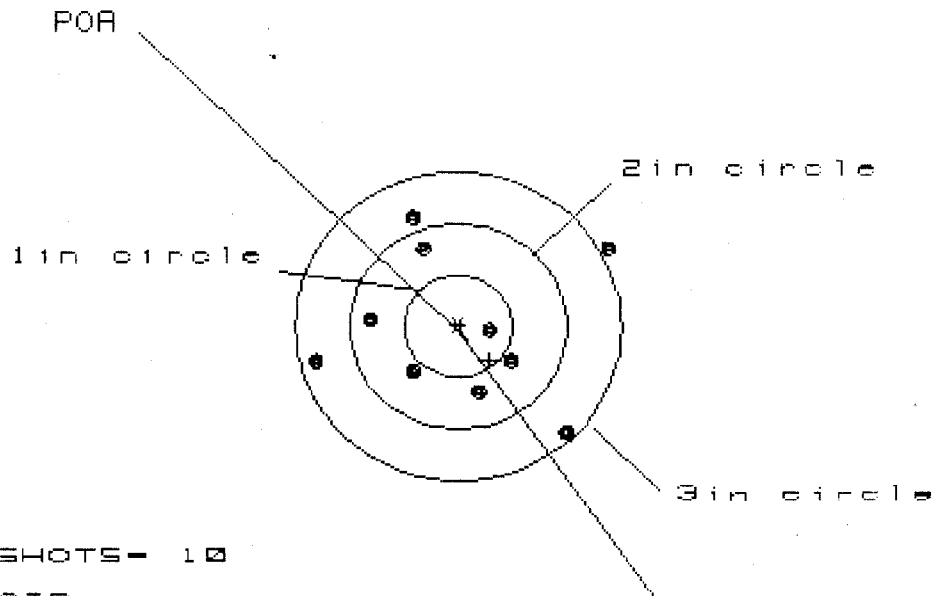
$\bar{x}_a$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1436
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .138
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .199161
THE AMR FOR THIS RIFLE IS: .859

15 Nov 1988

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CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in - 1

2in - 6

3in - 9

HS - 2.789

VS - 2.035

GS - 3.008

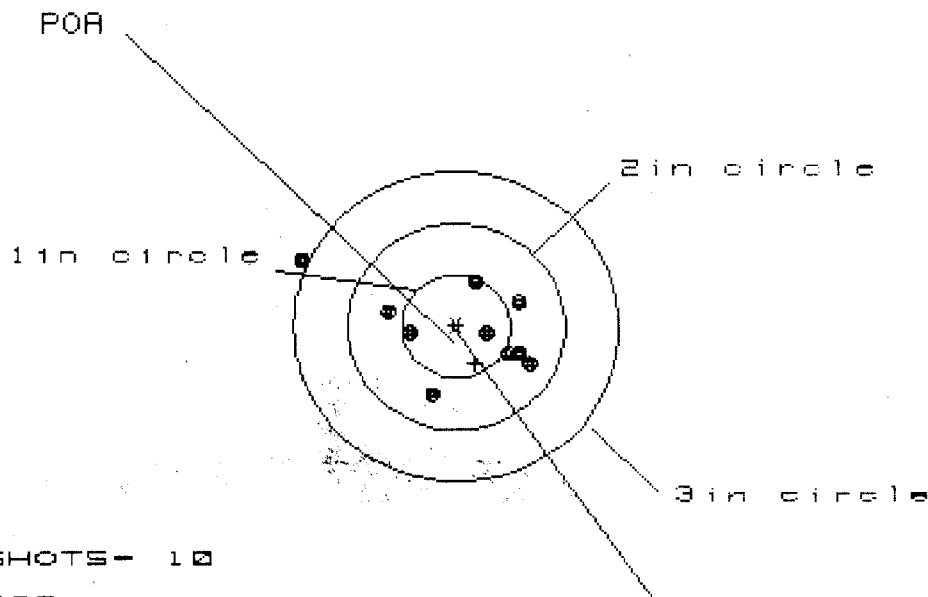
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.428	1.119	.969
MINIMUM X	-1.361	-1.202	-.841
MAXIMUM Y	1.039	1.126	1.095
MINIMUM Y	-.996	-.909	-.940
CENTROID X	-.285	-.444	-.294
CENTROID Y	.333	.246	.277
POA TO CENTROID in.	.439	.508	.404
MIN RADIUS	.242	.409	.256
MEAN RADIUS	.929	.842	.777
MAX RADIUS	1.631	1.442	1.350
HORIZONTAL SPREAD	2.789	2.321	1.810
VERTICAL SPREAD	2.035	2.035	2.035
EXTREME SPREAD	3.008	2.430	2.430
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS

2



OF SHOTS - 10

IN CIR

1 in - 4

2 in - 9

3 in - 9

HS - 2.027

VS = 1.385

GS = 2.258

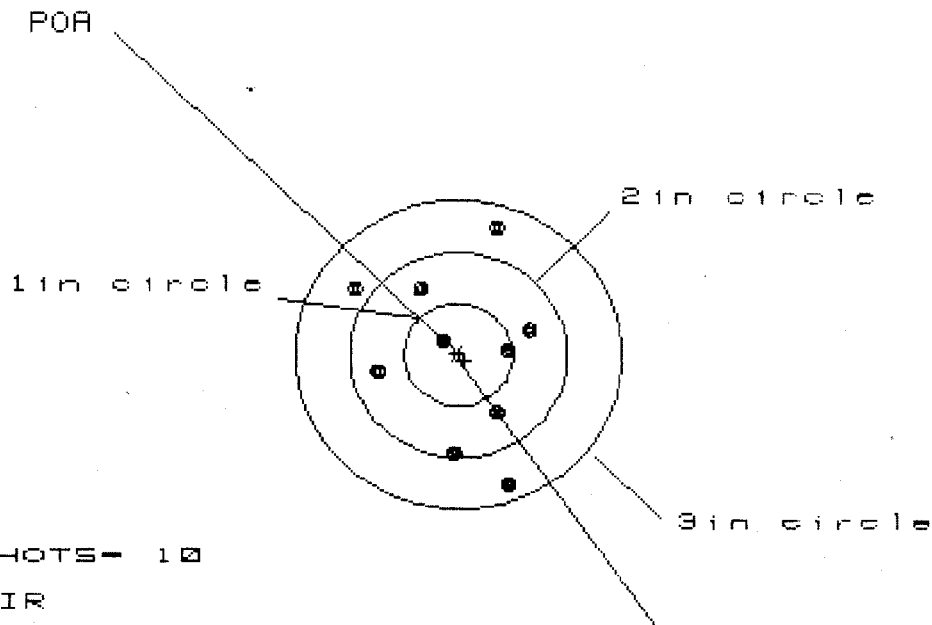
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.643	.489	.444
MINIMUM X	:	-1.384	-.784	-.829
MAXIMUM Y	:	.687	.528	.450
MINIMUM Y	:	-.698	-.621	-.308
CENTROID X	:	-.177	-.023	.022
CENTROID Y	:	.356	.279	.357
POA TO CENTROID in.	:	.397	.280	.358
MIN RADIUS	:	.298	.147	.104
MEAN RADIUS	:	.647	.505	.463
MAX RADIUS	:	1.545	.806	.836
HORIZONTAL SPREAD	:	2.027	1.273	1.273
VERTICAL SPREAD	:	1.385	1.149	.758
EXTREME SPREAD	:	2.258	1.341	1.341
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			9	
NUMBER IN THREE INCH CIRCLE =			9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 2

2in - 7

3in - 10

HS- 1.537

VS- 2.476

GS- 2.479

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.638	.686	.730
MINIMUM X	-.899	-.851	-.806
MAXIMUM Y	1.209	1.069	.668
MINIMUM Y	-1.267	-1.115	-.982
CENTROID X	-.055	-.103	-.147
CENTROID Y	.057	.197	.064
POA TO CENTROID in.	.079	.222	.161
MIN RADIUS	.207	.072	.168
MEAN RADIUS	.819	.745	.700
MAX RADIUS	1.338	1.127	1.041
HORIZONTAL SPREAD	1.537	1.537	1.537
VERTICAL SPREAD	2.476	2.184	1.650
EXTREME SPREAD	2.479	2.212	1.851
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 4

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.545

VS= 2.475

GS= 2.672

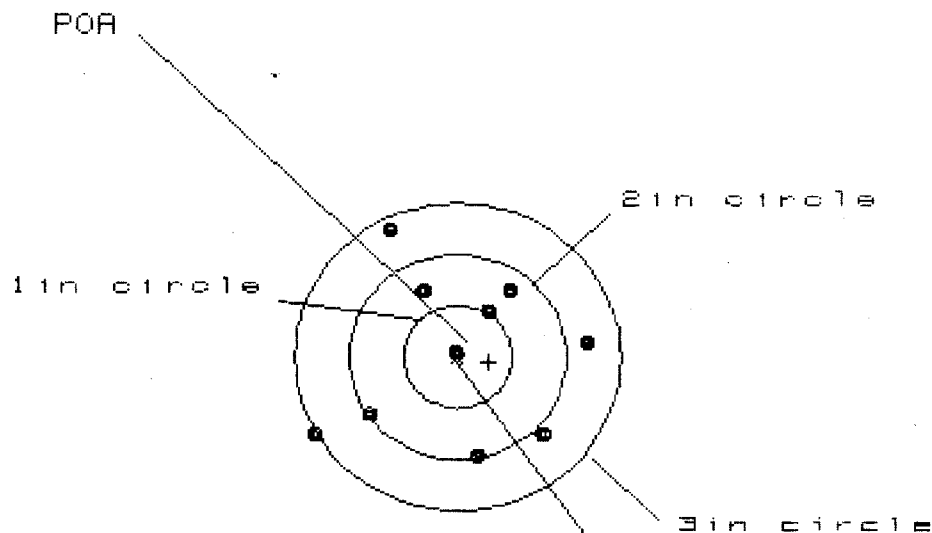
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.441	.796	.728
MINIMUM X	-1.104	-.944	-.845
MAXIMUM Y	1.297	1.322	1.135
MINIMUM Y	-1.178	-1.153	-.987
CENTROID X	.084	-.076	-.175
CENTROID Y	-.110	-.135	-.301
POR TO CENTROID in.	.139	.155	.348
MIN RADIUS	.388	.233	.110
MEAN RADIUS	.962	.886	.774
MAX RADIUS	1.459	1.543	1.144
HORIZONTAL SPREAD	2.545	1.740	1.573
VERTICAL SPREAD	2.475	2.475	2.122
EXTREME SPREAD	2.672	2.672	2.137
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.495

VS= 2.212

GS= 2.656

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.199	1.054	.966
MINIMUM X	-1.296	-.912	-1.000
MAXIMUM Y	1.218	1.129	.747
MINIMUM Y	-.993	-1.083	-.941
CENTROID X	-.285	-.140	-.052
CENTROID Y	.054	.143	.001
POA TO CENTROID in.	.289	.200	.052
MIN RADIUS	.021	.185	.259
MEAN RADIUS	.938	.863	.812
MAX RADIUS	1.524	1.334	1.140
HORIZONTAL SPREAD	2.495	1.966	1.966
VERTICAL SPREAD	2.212	2.212	1.688
EXTREME SPREAD	2.656	2.425	2.090
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		