

C6225058

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225058

SCOPE # 1252

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	9 12	8 8	FB
600	Proof	9 19	8 8	RW
607	Check Headspace	9 19	8 8	RW
610	Dis-assemble gun	9 19	8 8	RW
612	Magnaflux Barrel Action		9 22 88	pfe.
	Magnaflux Bolt		9 22 88	pfe.
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/15/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/15/88	RW
	C) Inspect Ejector Hole for Chamfer		11/15/88	RW

OVER

OP. #		READINGS	DATE	INITIAL
625	D) Oil Firing Pin Ass'y		11/15/88	RW
cont.	E) Adjust Trigger Pull to Min. Setting and Stake		15 NOV 88	JSJ
	F) Safety on Force	5 5 5	17 NOV 88	JSJ
	G) Safety off Force	3 3 3	17 NOV 88	JSJ
	H) Trigger Pull Test & Retainability		15 NOV 88	JSJ
	I) Firing Pin Indent	.020 .020 .0205	17 NOV 88	JSJ
	J) Assemble Stock		11/17/88	RW
	K) Attach Front & Rear Sight Assemblies		12/6/88	RW
	L) Iron Sight Alignment		12/6/88	RW
	M) Detach Front & Rear Sights & place in numbered container		12/6/88	RW
	N) Attach Scope to Rifle		11/28/88	W3
	O) Detach & Attach Scope 20 times		11/28/88	W3
640	Gallery Target & Test	684 846	12/5/88	DH
	A) Optical Clarity of Scope		12/5/88	DH
645	Inspect for Live Ammo		12/5/88	DH
655	Final Inspection			
	A) Headspace		6 Dec 88	JSJ
	B) Trigger Pull	2.44 2.46 2.47	2.43 2.45	JSJ
	C) Function		6 Dec 88	JSJ
	D) Assemble Swivel Studs		6 Dec 88	JSJ
660	Pack		14 Dec 88	JSJ

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6225058

DATE 15 NOV 88

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.34	2.37	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.22	2.38	2.46	
PULL #3	2.40	2.13	2.57	2.47	
PULL #4	2.34	2.14	2.53	2.43	
PULL #5	2.41	2.32	2.52	2.45	
TOTAL	11.59	11.15	12.37	12.25	
AVG.	2.318	2.23	2.474	2.45	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.04	3.33		
PULL #2	3.02	3.17		
PULL #3	3.11	3.10		
PULL #4	3.23	3.27		
PULL #5	3.12	3.10		
TOTAL	15.52	15.97		
AVG.	3.104	3.194		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.09	4.13		4.37
PULL #2	4.12	4.26		4.20
PULL #3	4.12	4.17		4.07
PULL #4	4.19	4.18		4.19
PULL #5	4.16	4.05		4.19
TOTAL	20.68	20.79		21.02
AVG.	4.136	4.158		4.204

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225058

CENTROIDAL DISTANCES

0 TO	1	1.35081
1 TO	2	1.70439
1 TO	3	1.66401
1 TO	4	1.79899
1 TO	5	1.03128

+ 5 <----POA
4

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4652
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2602
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .533024

THE AMR FOR THIS RIFLE IS: .8166

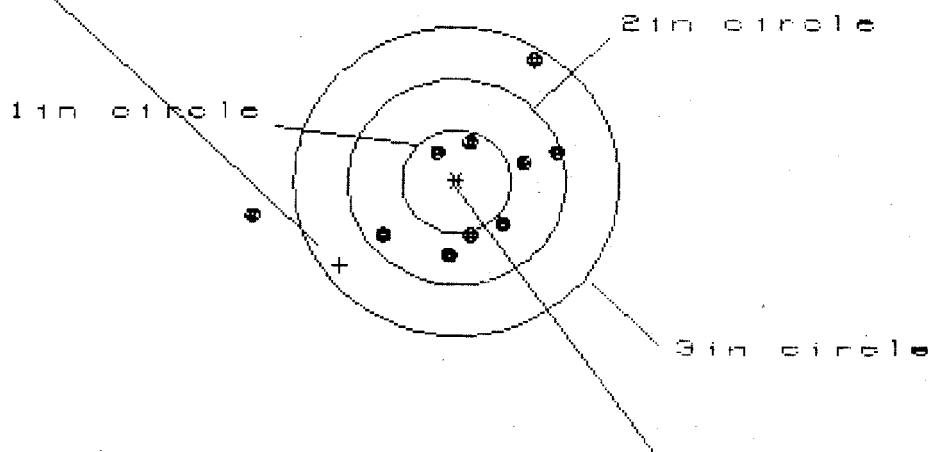
6 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225058

CENTERFIRE PATTERNS

1

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.777

VS= 1.942

GS= 3.026

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.895	.686	.753
MINIMUM X	-1.882	-.881	-.814
MAXIMUM Y	1.228	1.198	.489
MINIMUM Y	-.714	-.744	-.595
CENTROID X	1.078	1.287	1.220
CENTROID Y	.814	.844	.695
POA TO CENTROID in.	1.351	1.540	1.404
MIN RADIUS	.363	.358	.378
MEAN RADIUS	.827	.681	.591
MAX RADIUS	1.902	1.312	.899
HORIZONTAL SPREAD	2.777	1.567	1.567
VERTICAL SPREAD	1.942	1.942	1.084
EXTREME SPREAD	3.026	2.234	1.744
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

6 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225058

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in - 2

2 in - 8

3 in = 10

HS= 2.025

VS= 1.739

GS= 2.066

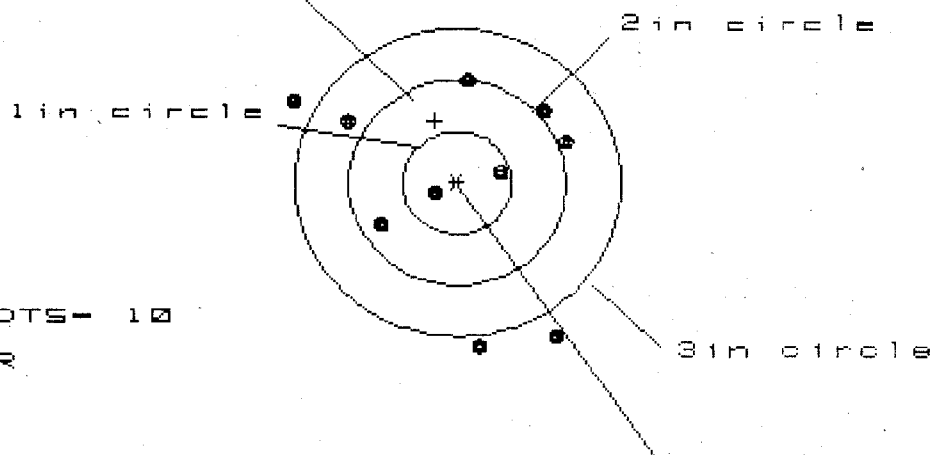
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.269	.929	.956
MINIMUM X	-.756	-.615	-.588
MAXIMUM Y	1.131	1.144	.540
MINIMUM Y	-.607	-.595	-.452
CENTROID X	.224	.083	.056
CENTROID Y	-.661	-.673	-.816
POA TO CENTROID in.	.697	.678	.818
MIN RADIUS	.250	.238	.129
MEAN RADIUS	.702	.617	.507
MAX RADIUS	1.274	1.164	.969
HORIZONTAL SPREAD	2.025	1.544	1.544
VERTICAL SPREAD	1.739	1.739	.992
EXTREME SPREAD	2.066	1.747	1.574
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

6 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225058

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 2.516

VS= 2.538

GS= 3.277

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.040	1.144	.972
MINIMUM X	-1.476	-1.372	-1.108
MAXIMUM Y	.961	.799	.874
MINIMUM Y	-1.577	-1.739	-1.664
CENTROID X	.204	.100	.272
CENTROID Y	-.602	-.440	-.515
POA TO CENTROID in.	.635	.451	.582
MIN RADIUS	.178	.243	.280
MEAN RADIUS	1.078	.995	.914
MAX RADIUS	1.731	1.764	1.669
HORIZONTAL SPREAD	2.516	2.516	2.080
VERTICAL SPREAD	2.538	2.538	2.538
EXTREME SPREAD	3.277	2.873	2.541
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 7		

6 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225050

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.440

VS= 2.100

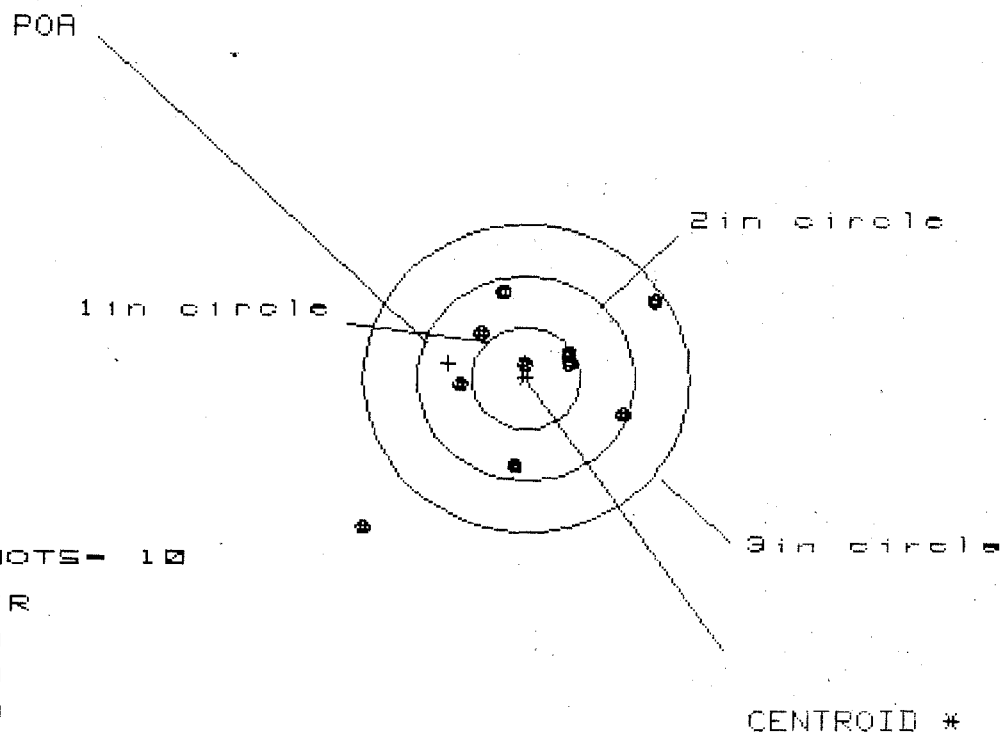
GS= 2.114

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.909	.878	.807
MINIMUM X	-.530	-.562	-.583
MAXIMUM Y	.909	.776	.494
MINIMUM Y	-1.191	-.859	-.762
CENTROID X	.111	.142	.213
CENTROID Y	-.703	-.570	-.667
POA TO CENTROID in.	.711	.588	.700
MIN RADIUS	.189	.105	.161
MEAN RADIUS	.641	.555	.501
MAX RADIUS	1.226	.959	.840
HORIZONTAL SPREAD	1.440	1.440	1.390
VERTICAL SPREAD	2.100	1.635	1.256
EXTREME SPREAD	2.114	1.815	1.568
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

6 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225058

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 2.730

VS= 2.275

GS= 3.474

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.183	1.012	.867
MINIMUM X	:	-1.547	-.773	-.647
MAXIMUM Y	:	.868	.711	.784
MINIMUM Y	:	-1.407	-.971	-.898
CENTROID X	:	.709	.880	.754
CENTROID Y	:	-.149	.008	-.065
POA TO CENTROID in.	:	.724	.880	.757
MIN RADIUS	:	.172	.142	.088
MEAN RADIUS	:	.835	.649	.585
MAX RADIUS	:	2.091	1.169	.953
HORIZONTAL SPREAD	:	2.730	1.785	1.514
VERTICAL SPREAD	:	2.275	1.682	1.682
EXTREME SPREAD	:	3.474	2.054	1.682
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			9	

REPAIR BARBER - M24 0947941

COMMENTS

ORDER

R 97-13763

INITIAL CUSTOMER ORDER NO.

WOG 2 OF 3

JIM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

07/31/97

08/04/97

DI 9-88

C6225058

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

U.S. ARMY APGSA
ATTN: STEAP-LO-GM, BLDG 507
ABERDEEN PROV. GRND MD 21005

U.S. ARMY APGSA
ATTN: STEAP-LO-GM, BLDG 507
ABERDEEN PROV. GRND MD
21005

L CUST NO: 091561 C.O.D L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

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

Barrel Shot Out - Replace

PARTS

COMMENTS

96003 - Barrel

Repaider Cont Trigger Guard
Assy, Front & Rear Sight
Base
Reziac Scope Base & Swivel
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 6/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0947941

BARBER - M24 0047942

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225058
6 Aug 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .179
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .203
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .270647

THE AMR FOR THIS RIFLE IS: 1.016

CENTROIDAL DISTANCES

0 TO 1 .270647
1 TO 2 0
1 TO 3 0
1 TO 4 0
1 TO 5 0

+  <----POA

BARBER

REMINGTON CENTERFIRE ACCURACY TEST

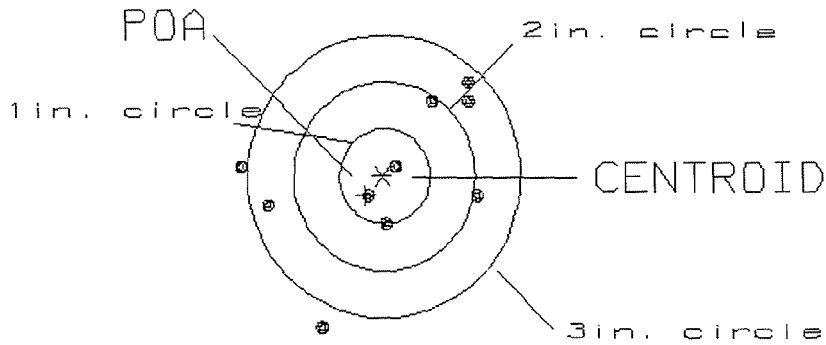
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1
 POA TO CENTROID: .271
 MIN RADIUS : .215
 MEAN RADIUS : 1.016
 MAX RADIUS : 1.738
 CENTROID X : .179
 CENTROID Y : .203

6 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225058

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.54

2

US= 2.59

4

GS= 3.04

8

21 DAY TURN - AROUND

*New
Barrel*

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6225058*

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>8-7-97</i>	<i>RW</i>
605	CHECK HEADSPACE	<i>8-7-97</i>	<i>RW</i>
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	<i>9-18-97</i>	<i>RW</i>
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE	<i>5</i>	<i>5</i>
D	SAFETY OFF FORCE	<i>2</i>	<i>2</i>
E	FIRING PIN INDENT		
640	TARGET	<i>9-22-97</i>	<i>RW</i>
655	FINAL INSPECT		
660	PACK		
QAR INSPECTION		SHIP DATE	

BARBER - M24 0047945

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225058
22 Sep 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1432
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0778
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .16297

THE AMR FOR THIS RIFLE IS: .9466

CENTROIDAL DISTANCES

0	TO	1	.230495
1	TO	2	.36977
1	TO	3	.97269
1	TO	4	.333108
1	TO	5	.36563

1 +⁵
42 <----POA
3

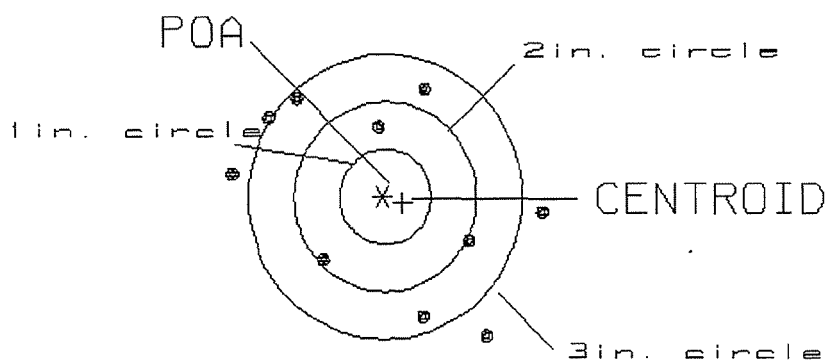
PATTERN #: 1

POA TO CENTROID: .230
 MIN RADIUS : .779
 MEAN RADIUS : 1.354
 MAX RADIUS : 1.855
 CENTROID X : -.222
 CENTROID Y : .062

19 Sep 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225058

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.41
 VS= 2.66
 GS= 3.42

0
 2
 6

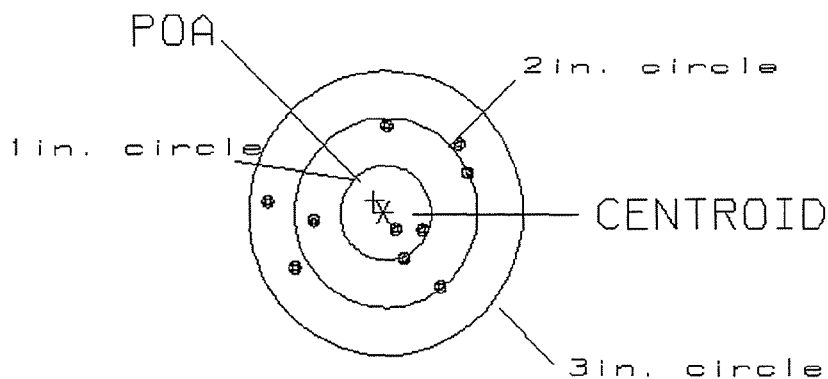
PATTERN #: 020

POA TO CENTROID: .158
 MIN RADIUS : .189
 MEAN RADIUS : .837
 MAX RADIUS : 1.310
 CENTROID X : .097
 CENTROID Y : -.125

19 Sep 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225058

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.22

2

VS= 1.65

6

GS= 2.24

10

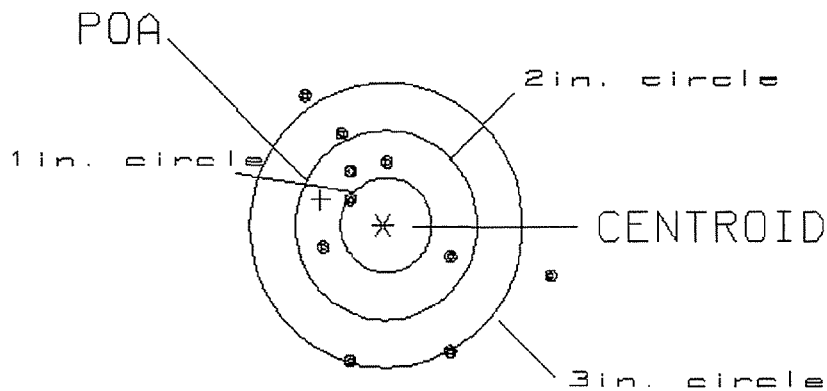
PATTERN #: 3

POA TO CENTROID: .743
 MIN RADIUS : .519
 MEAN RADIUS : 1.096
 MAX RADIUS : 1.883
 CENTROID X : .693
 CENTROID Y : -.268

19 Sep 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225058

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.71
 VS= 2.77
 GS= 3.32

0
 5
 8

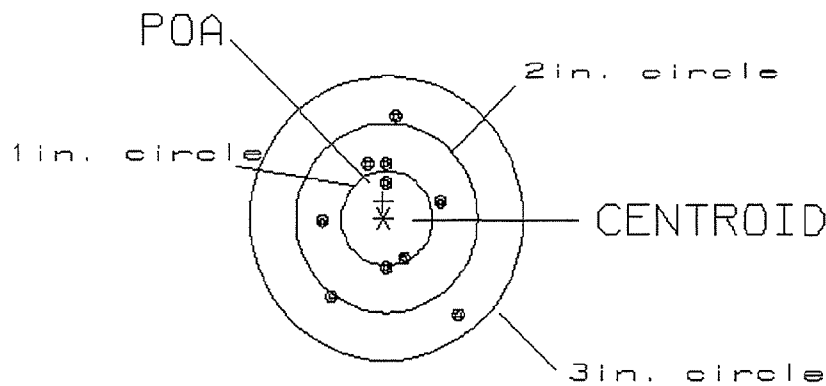
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POA TO CENTROID: .178
 MIN RADIUS : .388
 MEAN RADIUS : .733
 MAX RADIUS : 1.266
 CENTROID X : .009
 CENTROID Y : -.178

19 Sep 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225058

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.40

2

VS= 2.14

7

GS= 2.25

10

BARBER - M24 0047950

REMINGTON CENTERFIRE ACCURACY TEST

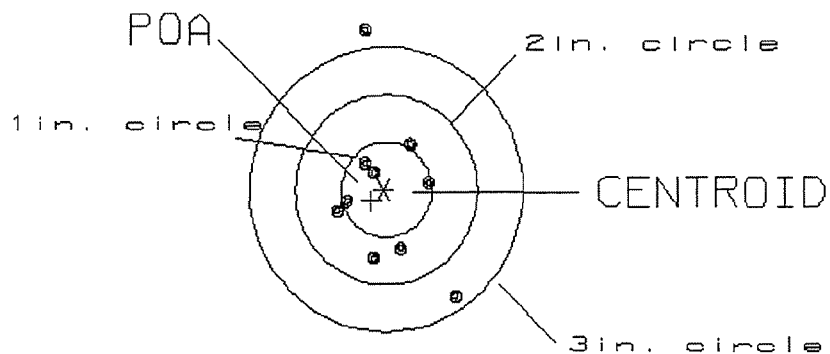
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5

POA TO CENTROID: .184
MIN RADIUS : .258
MEAN RADIUS : .713
MAX RADIUS : 1.748
CENTROID X : .139
CENTROID Y : .120

19 Sep 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225058

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 1.27

3

VS= 2.63

6

GS= 3.00

9

Final Inspection

Sni: CL225058

DATE REC'D: 8-31-97

DATE RET'D:

Auditor:

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: