

C5348951

MODEL 700TM M24

Model SWSTM

Action

Barrel Length

Capacity

Order No. 5715

* Includes 1 in chamber.

Remington

GUN SERIAL #

C6348951

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26 9 26	89	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		9/29/89	KCR
	Magnaflux Bolt		9/29/89	KCR
615	Rollmark Caliber		9/29/89	BT
7	Drill and Tap Sight Holes	9 29	89	LB
618	Polish Barrel RB	9 29	89	BT
620	Apply Coatings (Barrel Action)		10/1/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/16/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/16/89	RW
	C) Inspect Ejector Hole for Chamfer		10/16/89	RW
	D) Oil Firing Pin Ass'y		10/16/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		19 Oct 89	JS

BARBER - M24 0042423

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			19 Oct 89	JS
	G) Safety Off Force	4	3	3			19 Oct 89	JS
	H) Trigger Pull Test & Retainability						19 Oct 89	JS
	I) Firing Pin Indent	10205	10205	10205			19 Oct 89	JS
	J) Assemble Stock						10/19/89	RW
	K) Assemble Swivel Studs						10/23/89	JS
	L) Attach Front and Rear Sight Assemblies						12/11/89	RW
	M) Iron Sight Alignment						12/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container						12/11/89	RW
	O) Attach Scope to Rifle						20 Oct 89	JS
	P) Detach & Attach Scope 20 Times						20 Oct 89	JS
640	Gallery Target & Test						10-20-89	AC
	A) Time						10-20-89	AC
	B) Malfunctions						10-20-89	AC
	C) Pierced Primers						10-20-89	AC
	D) Optical Clarity of Scope						10-20-89	AC
645	Inspect for Live Ammo						10-20-89	AC
655	Final Inspection						23 Oct 89	JS
	A) Headspace						23 Oct 89	JS
	B) Trigger Pull	2.8	2.83	2.7	2.83	2.7	23 Oct 89	JS
	C) Function						23 Oct 89	JS
660	Pack						15/10/89	JS

Remington
MODEL 700™ M24

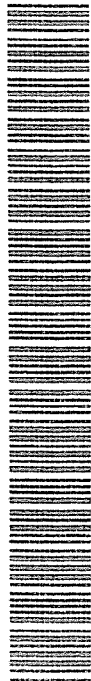
VERY IMPORTANT!
Instruction Book
enclosed to assure
safe use of this
firearm.

DUPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6348951

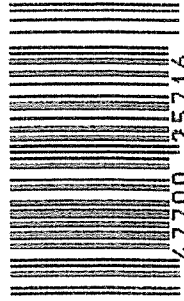
ORDER NO.
5716

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



5716 C6348951

LPC



0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348951
20 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.73139
1 TO	2	.457849
1 TO	3	.62184
1 TO	4	.866092
1 TO	5	.248455

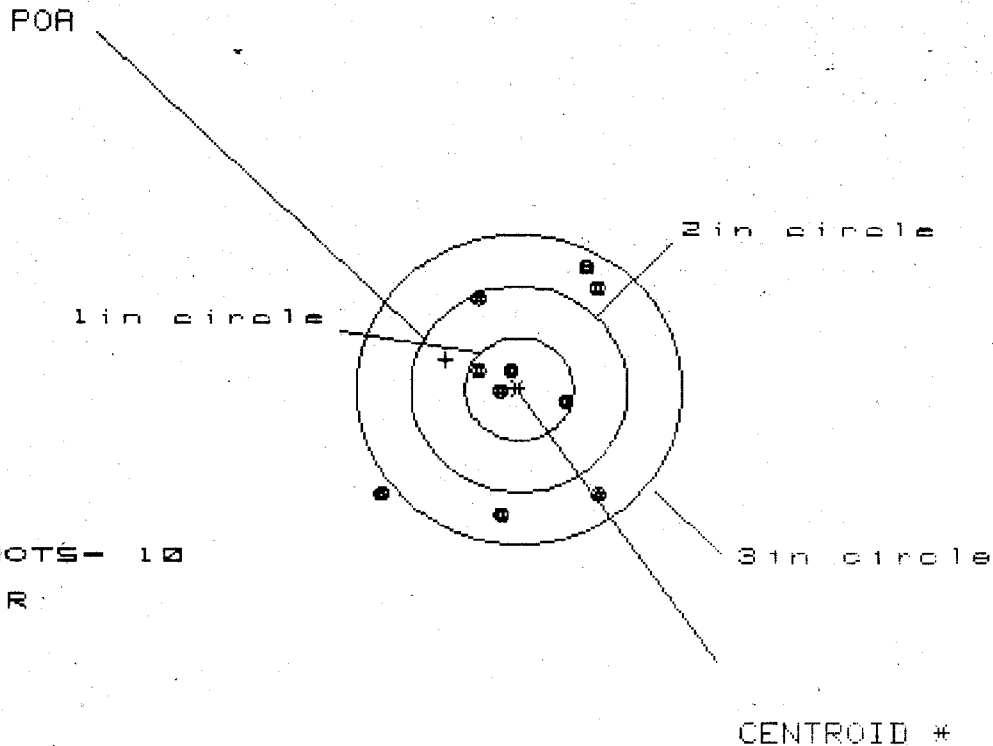
b2 51 <----POA
4

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .296
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2922
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .415929
THE AMR FOR THIS RIFLE IS: 1.011

20 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6340951

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in - 4

2 in - 5

3 in = 9

HS= 2.006

VS= 2.407

GS= 2.895

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.745	.605	.661
MINIMUM X	-1.261	-.564	-.508
MAXIMUM Y	1.163	1.044	.951
MINIMUM Y	-1.244	-1.363	-1.232
CENTROID X	.674	.814	.758
CENTROID Y	-.284	-.165	-.296
POA TO CENTROID in.	.731	.830	.813
MIN RADIUS	.175	.260	.259
MEAN RADIUS	.894	.809	.760
MAX RADIUS	1.650	1.391	1.252
HORIZONTAL SPREAD	2.006	1.169	1.169
VERTICAL SPREAD	2.407	2.407	2.183
EXTREME SPREAD	2.895	2.515	2.344
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

20 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B951

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 3.004

VS= 3.006

GS= 4.044

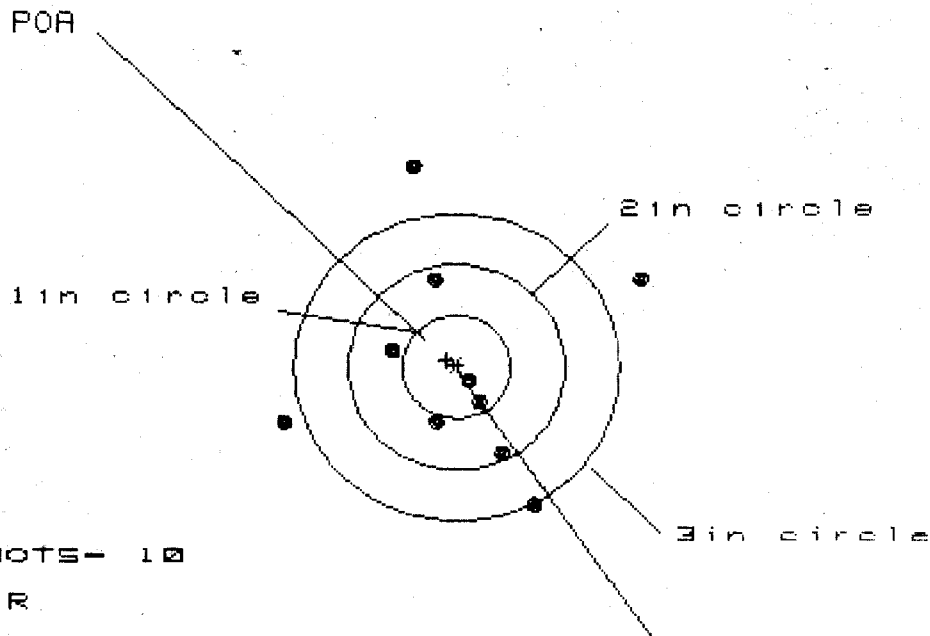
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.414	1.238	1.285
MINIMUM X	-1.590	-.969	-.815
MAXIMUM Y	1.346	1.161	1.269
MINIMUM Y	-1.660	-1.351	-1.243
CENTROID X	.329	.505	.350
CENTROID Y	.017	.201	.093
POA TO CENTROID in.	.329	.544	.363
MIN RADIUS	.414	.313	.373
MEAN RADIUS	1.112	.960	.875
MAX RADIUS	2.299	1.508	1.421
HORIZONTAL SPREAD	3.004	2.207	2.100
VERTICAL SPREAD	3.006	2.512	2.512
EXTREME SPREAD	4.044	2.806	2.521
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

20 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348951

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 6

HS= 3.334

VS= 3.285

GS= 3.583

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.721	1.676	.862
MINIMUM X	-1.612	-1.658	-1.449
MAXIMUM Y	1.946	1.070	1.200
MINIMUM Y	-1.339	-1.123	-.994
CENTROID X	.092	.137	-.072
CENTROID Y	-.065	-.281	-.410
POA TO CENTROID in.	.112	.313	.417
MIN RADIUS	.180	.073	.229
MEAN RADIUS	1.073	.914	.783
MAX RADIUS	1.989	1.970	1.456
HORIZONTAL SPREAD	3.334	3.334	2.311
VERTICAL SPREAD	3.285	2.193	2.193
EXTREME SPREAD	3.583	3.583	2.461
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		6	

20 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B951

CENTERFIRE PATTERNS # 4

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 10

HS= 2.534

VS= 2.704

GS= 2.706

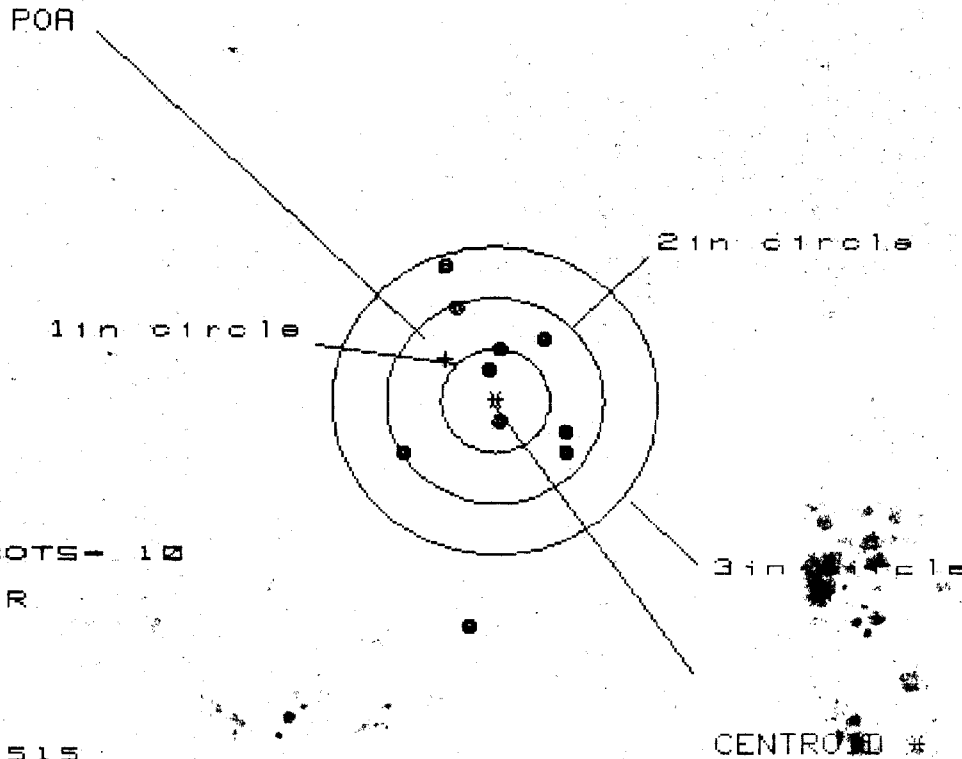
CENTROID #

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.191	1.177	1.164
MINIMUM X	-1.343	-1.357	-1.210
MAXIMUM Y	1.430	.808	.874
MINIMUM Y	-1.274	-1.115	-1.014
CENTROID X	-.072	-.058	-.205
CENTROID Y	-.724	-.883	-.983
POR TO CENTROID in.	.727	.884	1.005
MIN RADIUS	.187	.305	.469
MEAN RADIUS	1.087	1.048	1.001
MAX RADIUS	1.435	1.428	1.346
HORIZONTAL SPREAD	2.534	2.534	2.374
VERTICAL SPREAD	2.704	1.923	1.889
EXTREME SPREAD	2.706	2.654	2.438
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	10		

28 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0634B951

CENTERFIRE PATTERNS # 5



OF SHOTS- 10
IN CIR
1in = 2
2in = 8
3in = 9
HS= 1.515
VS= 3.450
GS= 3.454

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.681	.651	.593
MINIMUM X	-.834	-.864	-.922
MAXIMUM Y	1.288	1.047	.807
MINIMUM Y	-2.162	-.781	-.650
CENTROID X	.457	.487	.545
CENTROID Y	-.405	-.164	-.295
POA TO CENTROID in.	.610	.514	.620
MIN RADIUS	.179	.104	.243
MEAN RADIUS	.888	.697	.648
MAX RADIUS	2.179	1.145	1.099
HORIZONTAL SPREAD	1.515	1.515	1.515
VERTICAL SPREAD	3.450	1.828	1.457
EXTREME SPREAD	3.454	2.140	1.769
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

BARBER - M24 0042431

TIME

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 8951DATE 23 MAR 90TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	225	223	234	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	226	222	227	
PULL #3	225	224	227	
PULL #4	223	225	222	
PULL #5	224	224	225	
TOTAL	1128	1118		
AVG.	225.6	223.6		

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	300	290	
PULL #2	287	287	
PULL #3	295	288	
PULL #4	296	281	
PULL #5	281	293	
TOTAL	1459	1439	
AVG.	291.8	287.8	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	402	401		
PULL #2	397	397		
PULL #3	401	395		
PULL #4	400	399		
PULL #5	402	399		
TOTAL	2002	1991		
AVG.	400.4	398.2		

Repair Number: **RE00018384** Serial: C6348951 Model: 700 Center Fire Caliber 7.62 NATO M-24 (SWS) Repairman: Status: Closed 12/5/00 8:13:51 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **COMMANDER**

Address 1: **HSC 3/10 SFG (A)**

Address 2: **HSC 3/10 SFG (A)** PO Box:

City: **FORT CARSON**

State: **CO** Zip Code: **80913** Country: **US**

State: **CO** Zip Code: **80913** Country: **US**

PFL:

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																		
Contact Information: Phone: Fax: Email: Comments: 	Received Condition: Condition: Poor Notes: CSH Notes: 	Accessories Received: <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>1</td> </tr> <tr> <td>A009</td> <td>With Swivel</td> <td>1</td> </tr> <tr> <td>A016</td> <td>Scope Mounts</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	1	A009	With Swivel	1	A016	Scope Mounts	1	A017	Scope Base	1	A026	Scope	1		
Code	Desc	Qty																				
A007	With Stud	1																				
A009	With Swivel	1																				
A016	Scope Mounts	1																				
A017	Scope Base	1																				
A026	Scope	1																				

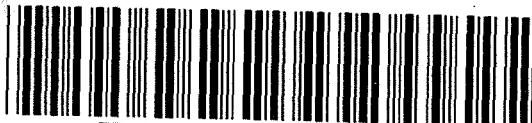
Repair Search Refresh Close

12/5/00 9:28 AM NUM

Start In N A M S S E P Y Im 9:28 AM

Number: **C6348951**

Model: **700**



RE00018384

BBL - 96003

Final Inspection

Sn: C6348951

DATE REC'D: 11-30-00

DATE RET'D:

Auditor: CK

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:

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER		18384	
SERIAL NUMBER		C634895-1	
LOG-IN DATE		11-30-00	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-5-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	12-9-00	CK
605	CHECK HEADSPACE	12-9-00	CK
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-15-01	RW
655	FINAL INSPECT	1-30-01	CK
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

BARBER - M24 0042435

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348951
30 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0738
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0982
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .12284

THE AMR FOR THIS RIFLE IS: 1.09

CENTROIDAL DISTANCES

0	TO	1	.0941541
1	TO	2	.596525
1	TO	3	.256096
1	TO	4	.272046
1	TO	5	.26992

2 5 4 3 4 <----POA

BARBER - M24 0042436

REMINGTON CENTERFIRE ACCURACY TEST

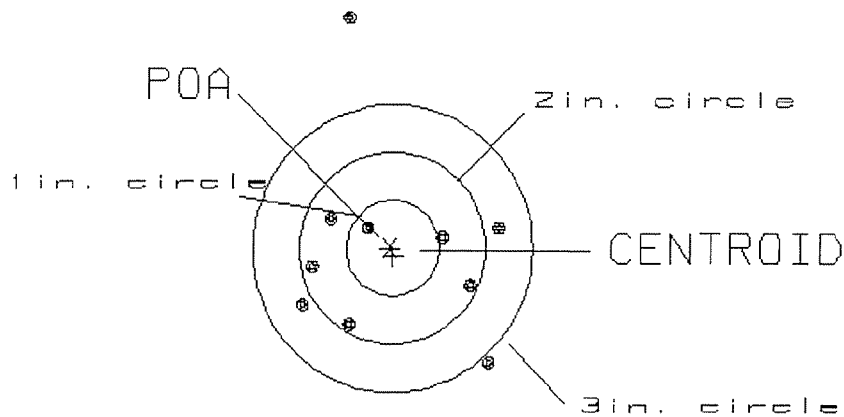
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1

POA TO CENTROID: .094
MIN RADIUS : .311
MEAN RADIUS : 1.055
MAX RADIUS : 2.421
CENTROID X : -.036
CENTROID Y : .087

29 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348951.1.1

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 2.08

1

VS= 3.53

6

GS= 3.85

8

PATTERN #: C 2 C

POA TO CENTROID: .576

MIN RADIUS : .174

MEAN RADIUS : 1.235

MAX RADIUS : 2.173

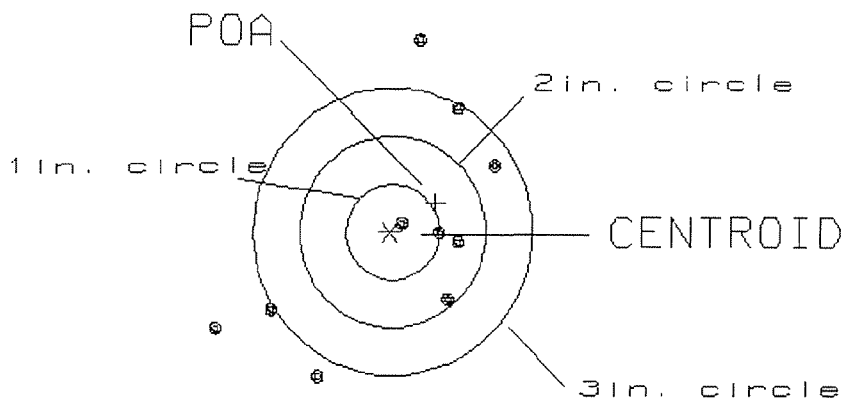
CENTROID X : -.495

CENTROID Y : -.294

29 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348951.1.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.99

2

VS= 3.46

4

GS= 3.76

6

BARBER - M24 0042438

REMINGTON CENTERFIRE ACCURACY TEST

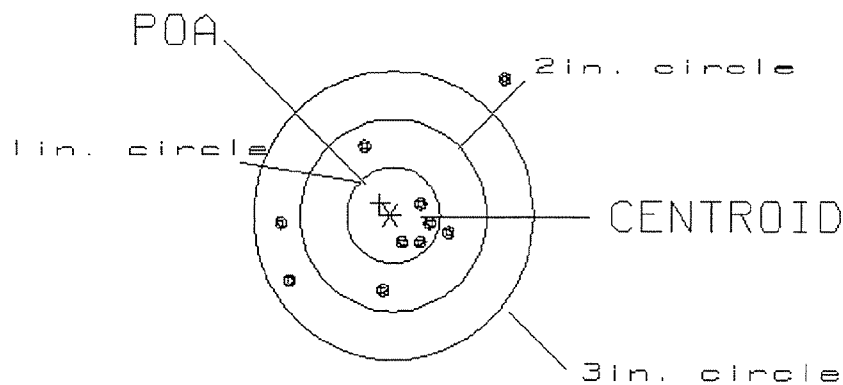
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .166
MIN RADIUS : .264
MEAN RADIUS : .790
MAX RADIUS : 1.886
CENTROID X : .112
CENTROID Y : -.122

29 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6340951.1.1

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 2.42

4

VS= 2.20

7

GS= 3.14

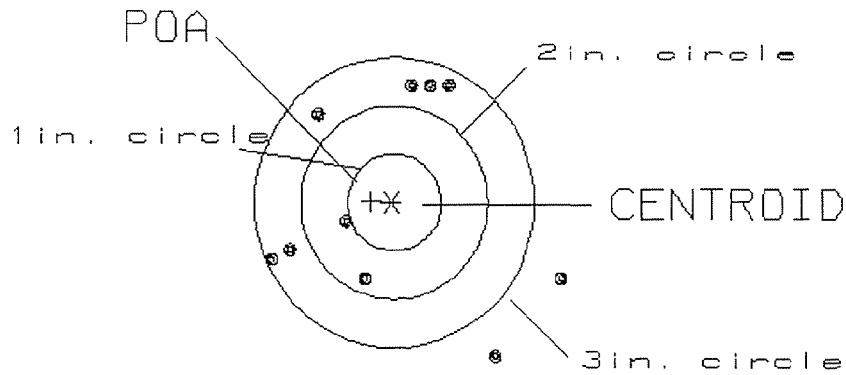
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PATTERN #: 4
 POA TO CENTROID: .218
 MIN RADIUS : .552
 MEAN RADIUS : 1.276
 MAX RADIUS : 1.942
 CENTROID X : .217
 CENTROID Y : -.013

29 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348951.1.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.05

0

VS= 2.77

2

GS= 3.07

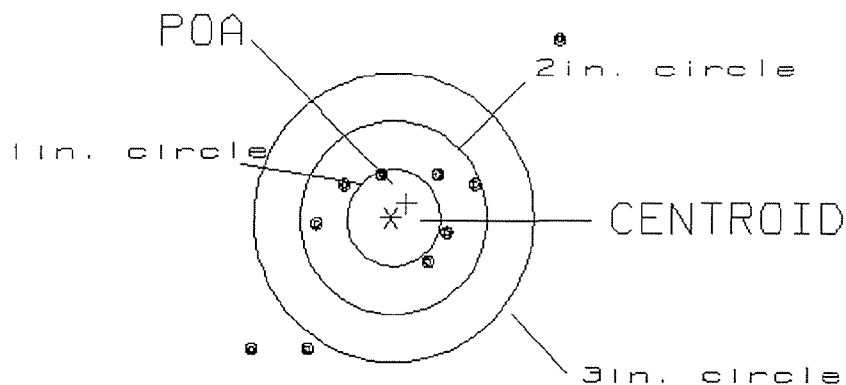
8

PATTERN #: 5
 POA TO CENTROID: .224
 MIN RADIUS : .418
 MEAN RADIUS : 1.096
 MAX RADIUS : 2.558
 CENTROID X : -.167
 CENTROID Y : -.149

29 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348951.1.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.26

1

VS= 3.26

7

GS= 4.58

7

BARBER - M24 0042441

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348951
16 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0088
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2192
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .219377

THE AMR FOR THIS RIFLE IS: 1.407

CENTROIDAL DISTANCES

0 TO 1	.27883
1 TO 2	.700009
1 TO 3	.892307
1 TO 4	.566675
1 TO 5	.252357

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

BARBER - M24 0042442

REMINGTON CENTERFIRE ACCURACY TEST

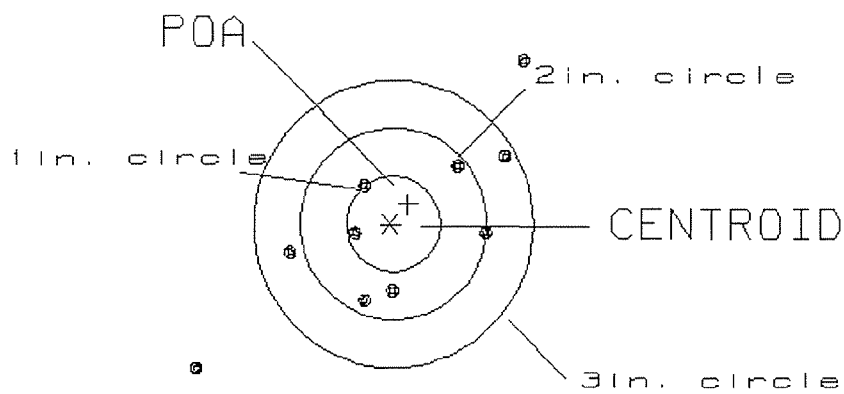
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1

POA TO CENTROID: .278
MIN RADIUS : .416
MEAN RADIUS : 1.154
MAX RADIUS : 2.550
CENTROID X : -.189
CENTROID Y : -.205

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348951.1

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 3.43

1

VS= 3.15

6

GS= 4.66

9

BARBER - M24 0042443

REMINGTON CENTERFIRE ACCURACY TEST

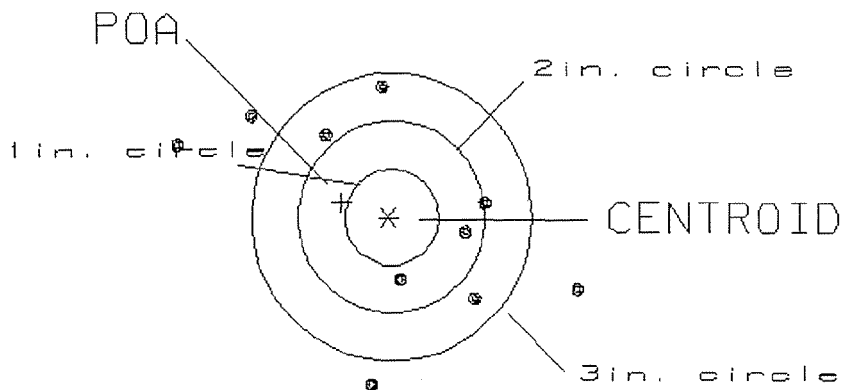
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
 POA TO CENTROID: .531
 MIN RADIUS : .619
 MEAN RADIUS : 1.436
 MAX RADIUS : 2.435
 CENTROID X : .509
 CENTROID Y : -.152

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348951.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.33

0

VS= 3.14

2

GS= 4.59

6

BARBER - M24 0042444

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .874

MIN RADIUS : .442

MEAN RADIUS : 1.494

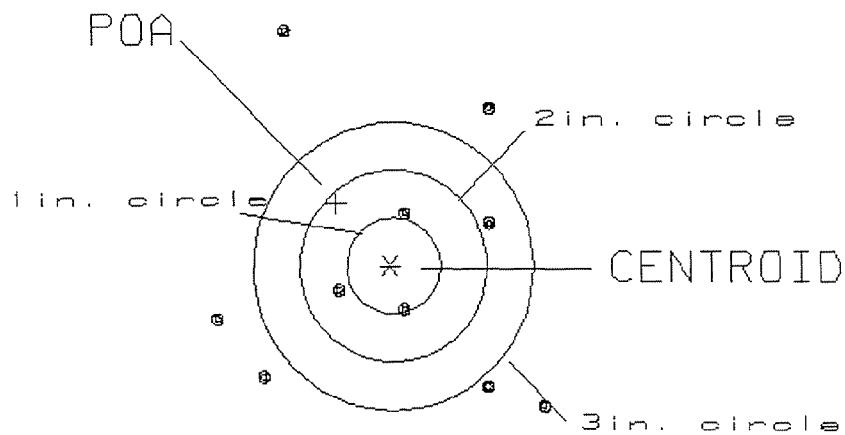
MAX RADIUS : 2.686

CENTROID X : .585

CENTROID Y : -.649

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348951.1

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 3.55

1

VS= 3.83

3

GS= 4.77

4

BARBER - M24 0042445

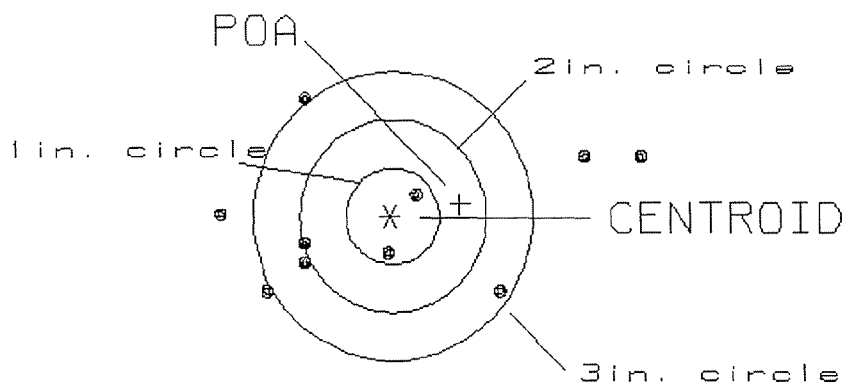
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
POA TO CENTROID: .760
MIN RADIUS : .356
MEAN RADIUS : 1.406
MAX RADIUS : 2.753
CENTROID X : -.750
CENTROID Y : -.125

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348951.1

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 4.51

2

VS= 2.03

2

GS= 4.54

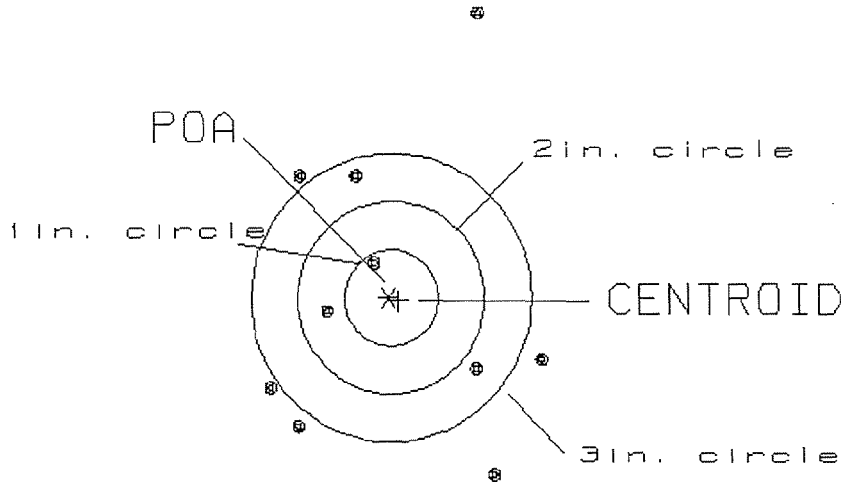
5

PATTERN #: 5
 POA TO CENTROID: .117
 MIN RADIUS : .389
 MEAN RADIUS : 1.546
 MAX RADIUS : 3.117
 CENTROID X : -.111
 CENTROID Y : .035

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348951.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.90

1

VS= 4.85

2

GS= 4.85

4

20 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6340951

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 4

2in = 5

3in = 9

HS= 2.006

VS= 2.407

GS= 2.895

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.745	.605	.661
MINIMUM X	-1.261	-.564	-.508
MAXIMUM Y	1.163	1.044	.951
MINIMUM Y	-1.244	-1.363	-1.232
CENTROID X	.674	.814	.758
CENTROID Y	-.284	-.165	-.296
POA TO CENTROID in.	.731	.830	.813
MIN RADIUS	.175	.260	.259
MEAN RADIUS	.894	.809	.760
MAX RADIUS	1.650	1.391	1.252
HORIZONTAL SPREAD	2.006	1.169	1.169
VERTICAL SPREAD	2.407	2.407	2.183
EXTREME SPREAD	2.895	2.515	2.344
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		