

06349139

MODEL 700™ M24

Model **S45**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

GUN SERIAL #

C6349139

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10-9 89	RW
600	Proof		10-9 89	A
607	Check Headspace		10-9 89	RW
610	Dis-assemble Gun		10-9 89	RW
612	Magnaflux Barrel Action		10/31/89	KCR
	Magnaflux Bolt		10/31/89	KCR
615	Rollmark Caliber			
.7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11-9-89	A
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-9-89	A
	C) Inspect Ejector Hole for Chamfer		11-9-89	A
	D) Oil Firing Pin Ass'y		11-9-89	A
	E) Adjust Trigger Pull to Min Setting and Stake		11/6/89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4	4			16 Nov 89	928
	G) Safety Off Force	3	3	3			16 Nov 89	928
	H) Trigger Pull Test & Retainability						16 Nov 89	928
	I) Firing Pin Indent	.021	.021	.021			16 Nov 89	928
	J) Assemble Stock						11-28-89	A
	K) Assemble Swivel Studs						5 Dec 89	928
	L) Attach Front and Rear Sight Assemblies						11-28-89	A
	M) Iron Sight Alignment						11-28-89	A
	N) Detach Front & Rear Sights & place in numbered container						11-28-89	A
	O) Attach Scope to Rifle						29 Nov 89	928
	P) Detach & Attach Scope 20 Times						29 Nov 89	928
640	Gallery Target & Test						12-4-89	A
	A) Time						12-4-89	A
	B) Malfunctions						12-4-89	A
	C) Pierced Primers						12-4-89	A
	D) Optical Clarity of Scope						12-4-89	A
645	Inspect for Live Ammo						12-4-89	A
655	Final Inspection						5 Dec 89	928
	A) Headspace						5 Dec 89	928
	B) Trigger Pull	277	266	263	267	263	5 Dec 89	928
	C) Function						5 Dec 89	928
660	Pack						18 Dec 89	928

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. ~~06348830~~

DATE 30 Oct 89

TESTER JLS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.18	2.21	2.19	2.12	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.21	2.38	2.26	2.63	
PULL #3	2.44	2.29	2.11	2.73	
PULL #4	2.47	2.34	2.15	2.50	
PULL #5	2.38	2.37	2.21	2.46	
TOTAL	11.68	11.59	10.92	13.04	
AVG.	2.336	2.318	2.184	2.608	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	2.85		
PULL #2	3.12	2.98		
PULL #3	3.05	2.98		
PULL #4	2.98	3.02		
PULL #5	3.05	3.05		
TOTAL	15.23	14.88		
AVG.	3.046	2.976		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	3.95	3.97		4.02
PULL #2	4.06	3.99		3.88
PULL #3	3.95	3.87		4.01
PULL #4	4.09	3.77		3.94
PULL #5	4.01	3.86		4.01
TOTAL	20.06	19.46		19.86
AVG.	4.012	3.892		3.972

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349139
4 Dec 1989

CENTROIDAL DISTANCES

0 TO	1	.0518652
1 TO	2	.0855134
1 TO	3	.382385
1 TO	4	.274184
1 TO	5	.430991

35
45 <----POA

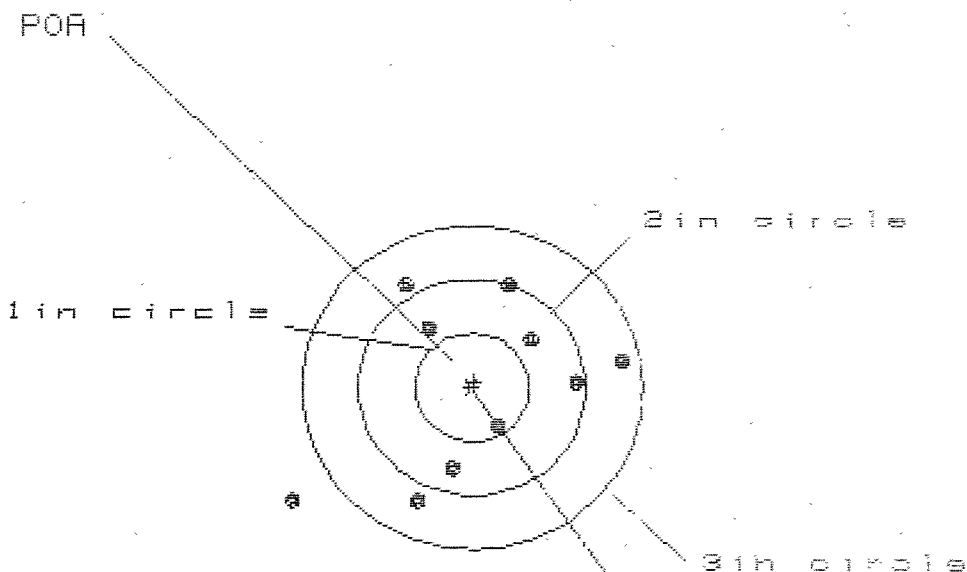
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0108
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0604
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .061358

THE AMR FOR THIS RIFLE IS: .9488

4 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348135

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 5

3 in - 9

HS- 2.911

VS- 1.979

GS- 3.161

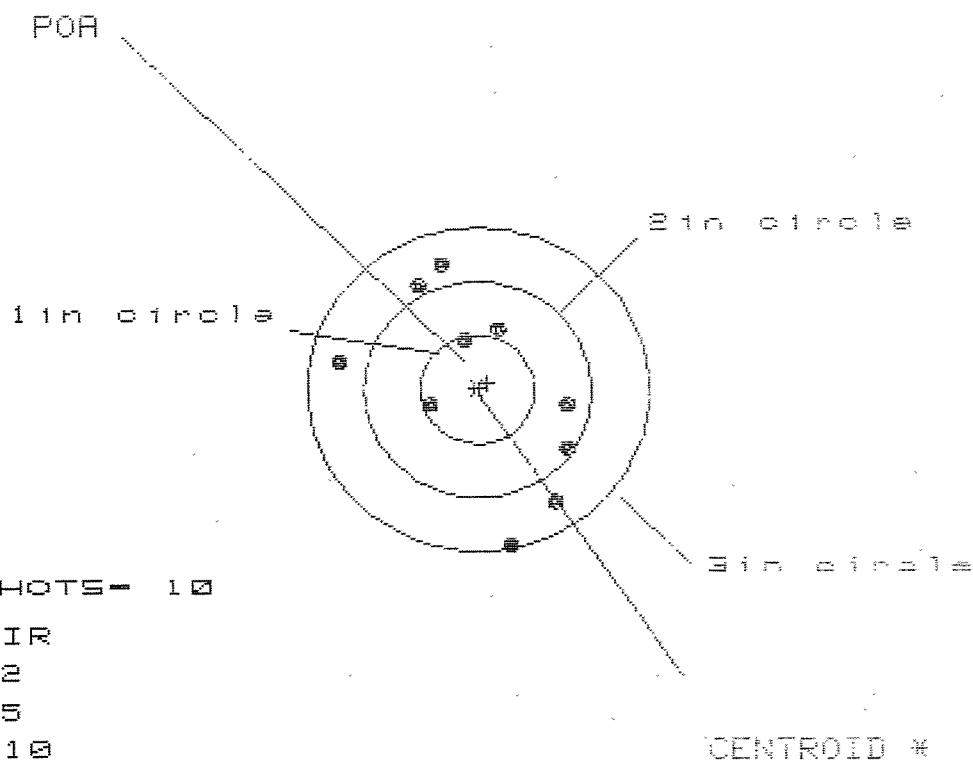
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.292	1.112	.927
MINIMUM X	:	-1.619	-.773	-.534
MAXIMUM Y	:	.918	.803	.815
MINIMUM Y	:	-1.061	-1.176	-1.164
CENTROID X	:	-.017	.163	.024
CENTROID Y	:	-.049	.066	.054
POA TO CENTROID in.	:	.052	.176	.050
MIN RADIUS	:	.436	.468	.502
MEAN RADIUS	:	.993	.857	.828
MAX RADIUS	:	1.919	1.370	1.294
HORIZONTAL SPREAD	:	2.911	1.885	1.461
VERTICAL SPREAD	:	1.979	1.979	1.979
EXTREME SPREAD	:	3.161	2.212	2.148
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

4 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06349139

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 1.984

VS= 2.551

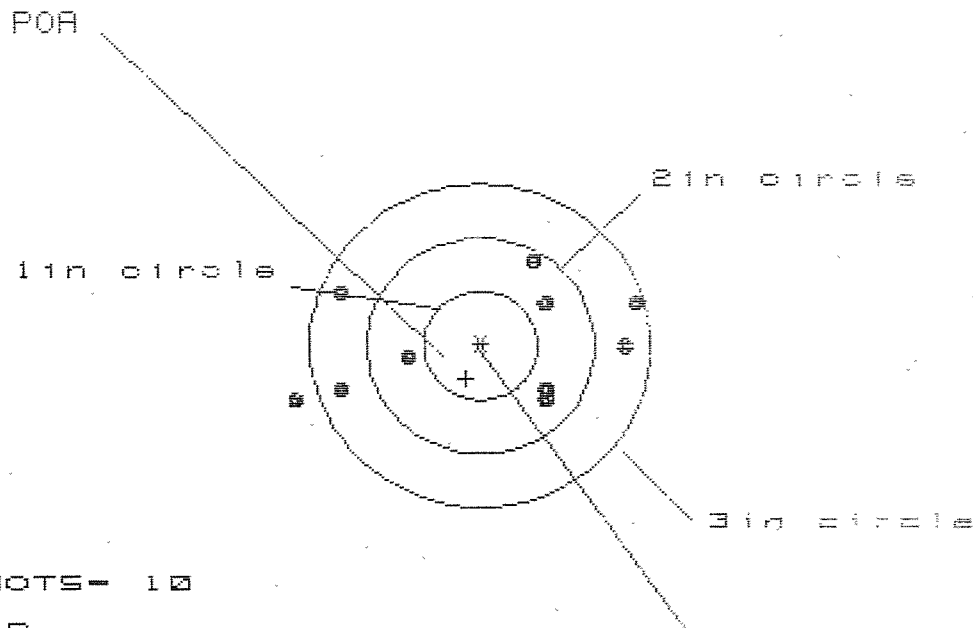
GS= 2.610

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.767	.795	.846
MINIMUM X	:	-1.217	-1.189	-.615
MAXIMUM Y	:	1.145	.989	.997
MINIMUM Y	:	-1.406	-1.187	-1.179
CENTROID X	:	-.081	-.109	.040
CENTROID Y	:	-.063	.093	.085
POA TO CENTROID in.	:	.102	.143	.094
MIN RADIUS	:	.459	.305	.401
MEAN RADIUS	:	.932	.849	.904
MAX RADIUS	:	1.429	1.361	1.287
HORIZONTAL SPREAD	:	1.984	1.984	1.261
VERTICAL SPREAD	:	2.551	2.176	2.176
EXTREME SPREAD	:	2.610	2.368	2.368
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			10	

4 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6349139

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS= 3.039

VS= 1.358

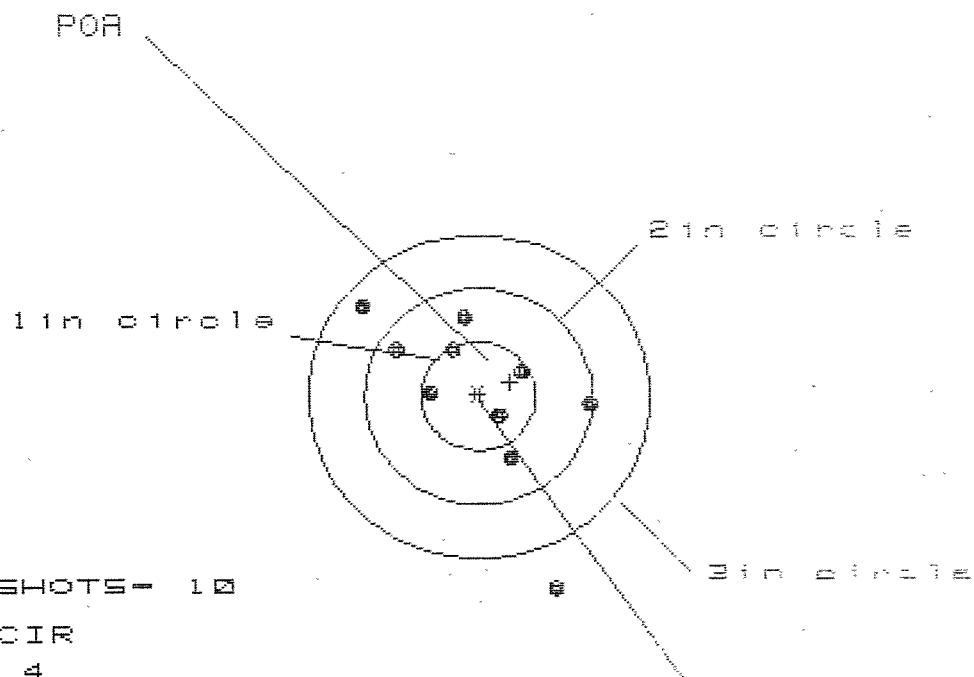
GS= 3.172

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.389	1.285	1.189
MINIMUM X	:	-1.650	-1.437	-1.286
MAXIMUM Y	:	.822	.762	.801
MINIMUM Y	:	-.536	-.559	-.520
CENTROID X	:	.130	.314	.163
CENTROID Y	:	.304	.364	.325
POA TO CENTROID in.	:	.331	.480	.363
MIN RADIUS	:	.671	.507	.547
MEAN RADIUS	:	1.082	.974	.952
MAX RADIUS	:	1.735	1.488	1.355
HORIZONTAL SPREAD	:	3.639	2.642	2.475
VERTICAL SPREAD	:	1.358	1.321	1.321
EXTREME SPREAD	:	3.172	2.731	2.518
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/09349139

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 4

2in - 8

3in - 9

HS= 1.971

VS= 2.561

GS= 3.092

CENTROID *

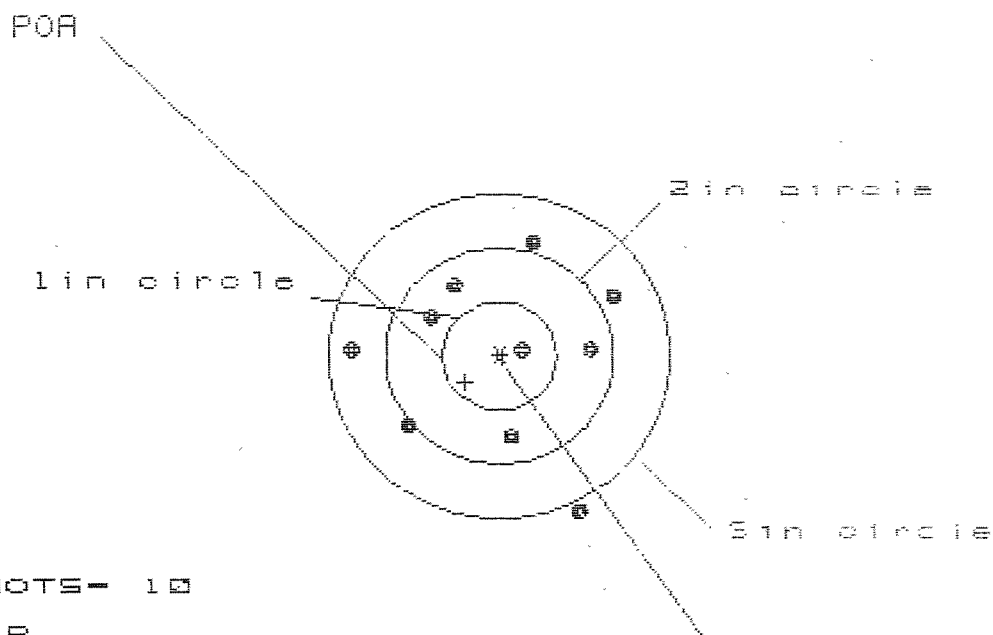
PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.942	1.020	.901
MINIMUM X	:	-1.029	-.951	-.757
MAXIMUM Y	:	.786	.589	.632
MINIMUM Y	:	-1.775	-.758	-.684
CENTROID X	:	-.278	-.356	-.237
CENTROID Y	:	-.133	.064	-.010
POA TO CENTROID in.	:	.308	.362	.237
MIN RADIUS	:	.281	.258	.352
MEAN RADIUS	:	.800	.651	.588
MAX RADIUS	:	1.909	1.119	.932
HORIZONTAL SPREAD	:	1.971	1.971	1.658
VERTICAL SPREAD	:	2.561	1.347	1.316
EXTREME SPREAD	:	3.092	2.166	1.760
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CS348139

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.309

VS= 2.482

GS= 2.517

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.034	1.111	.962
MINIMUM X	-1.275	-1.198	-.967
MAXIMUM Y	1.072	.915	.899
MINIMUM Y	-1.410	-.898	-.914
CENTROID X	.360	.223	.372
CENTROID Y	.243	.400	.416
POA TO CENTROID in.	.386	.457	.559
MIN RADIUS	.184	.251	.126
MEAN RADIUS	.937	.850	.786
MAX RADIUS	1.572	1.205	1.250
HORIZONTAL SPREAD	2.309	2.309	1.859
VERTICAL SPREAD	2.482	1.813	1.813
EXTREME SPREAD	2.517	2.363	2.229
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

Remington®

MODEL 700™ H24

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

DUPONT
REG. U.S. PAT. & T.M. OFF.

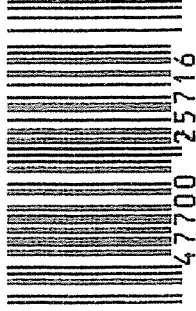
SERIAL NO.
C6349139

ORDER NO.
5716

Q1

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

UPC



0 47700 25716 7



5716 C6349139

Repair Number: **RE00018379** Serial: C6349139 Model 700 Center Fire Caliber: 7.62 NATO M 24 (SWS) Repairman: Status: Closed 12/5/00 7:59:08 AM

Verify Repair

Address Information

Customer: ☒ Received From: ☐ Return To: ☐ Received From: ☐

Name: **COMMANDER** **COMMANDER**

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

Address 2: PO Box: PO Box:

City: **FORT CARSON** **FORT CARSON**

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

FFL:

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information:

Phone:

Fax:

Email:

Comments:

Received Condition:

Condition: **Poor**

Condition Notes:

CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	1
A000	With Swivel	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

maglet 12/5/00 9:29 AM NUM

Start In AN A M S S E P Y m 9:29 AM

Number: **C6349139**

Model: **700**



RE00018379

Final Inspection

Sn: C6349139

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

[illegible]

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349139
15 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0362
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.174
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .177726

THE AMR FOR THIS RIFLE IS: 1.048

CENTROIDAL DISTANCES

0	TO	1	.317874
1	TO	2	.267301
1	TO	3	.464449
1	TO	4	1.14784
1	TO	5	.450587

1
5⁺2 <----POA

4

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .318

MIN RADIUS : .742

MEAN RADIUS : 1.211

MAX RADIUS : 1.583

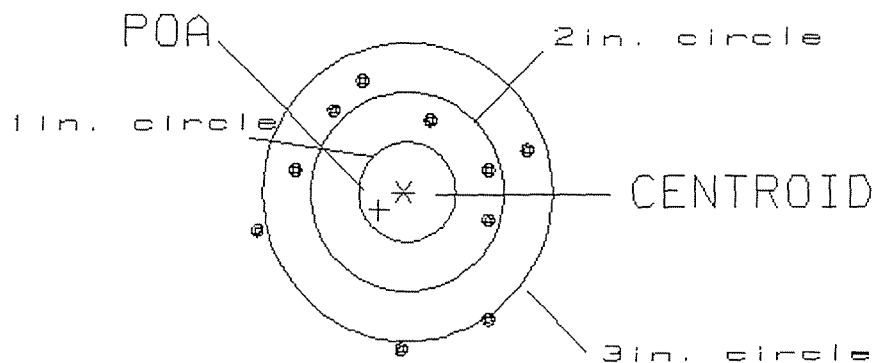
CENTROID X : .262

CENTROID Y : .180

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349139.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.75

0

VS= 2.73

3

GS= 2.88

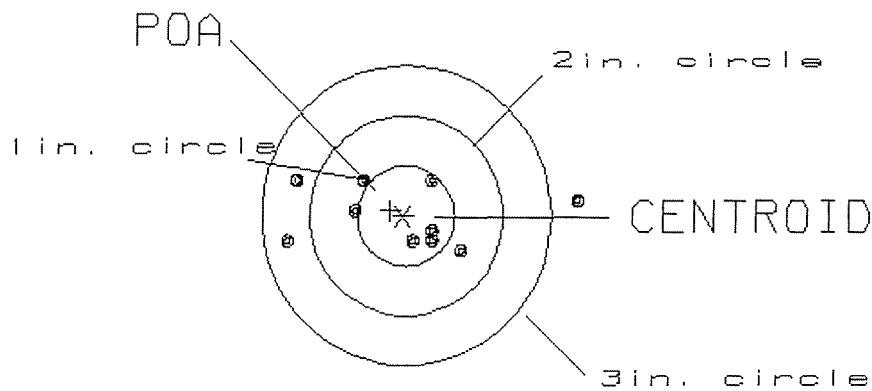
7

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .141
 MIN RADIUS : .264
 MEAN RADIUS : .747
 MAX RADIUS : 1.818
 CENTROID X : .131
 CENTROID Y : -.053

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349139.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.02

4

VS= .76

7

GS= 3.05

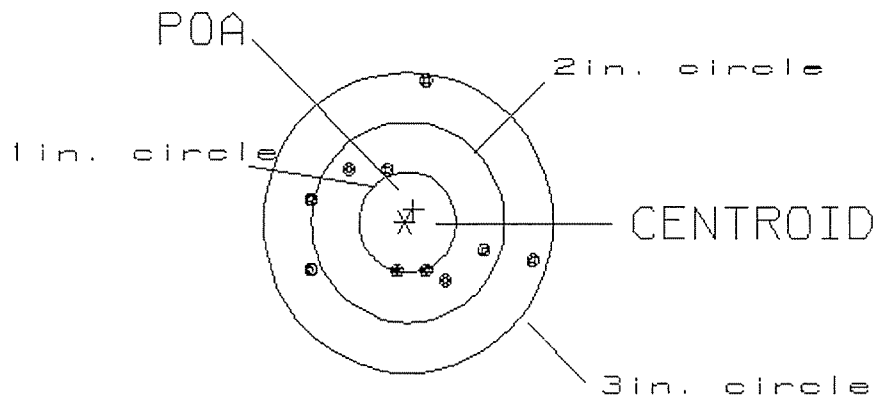
9

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .152
 MIN RADIUS : .496
 MEAN RADIUS : .884
 MAX RADIUS : 1.421
 CENTROID X : -.090
 CENTROID Y : -.123

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349139.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.32

1

VS= 1.94

6

GS= 2.36

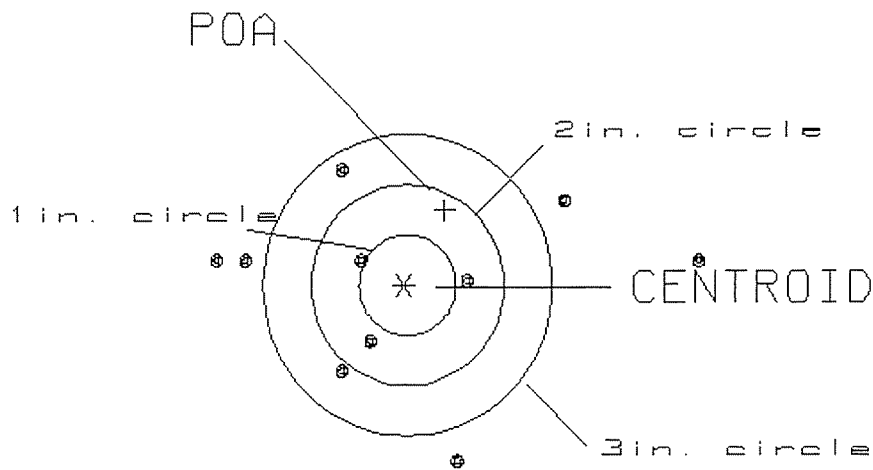
10

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .854
 MIN RADIUS : .530
 MEAN RADIUS : 1.459
 MAX RADIUS : 3.078
 CENTROID X : -.419
 CENTROID Y : -.744

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349139.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 5.03

0

VS= 2.87

3

GS= 5.03

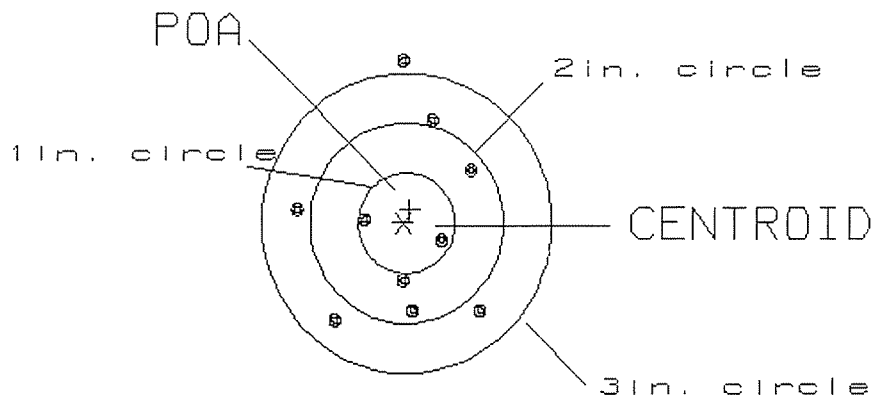
5

PATTERN #: 5
 POA TO CENTROID: .145
 MIN RADIUS : .403
 MEAN RADIUS : .937
 MAX RADIUS : 1.634
 CENTROID X : -.065
 CENTROID Y : -.130

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349139.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.91

2

VS= 2.58

5

GS= 2.67

9

Remington Test Lab, Ilion, N.Y.

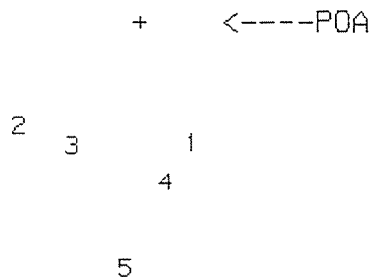
Centroidal distance calculations for Rifle # c6349139
10 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.167
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.9716
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .985848

THE AMR FOR THIS RIFLE IS: 1.503

CENTROIDAL DISTANCES

0 TO	1	.845094
1 TO	2	1.11813
1 TO	3	.781207
1 TO	4	.299817
1 TO	5	.912491

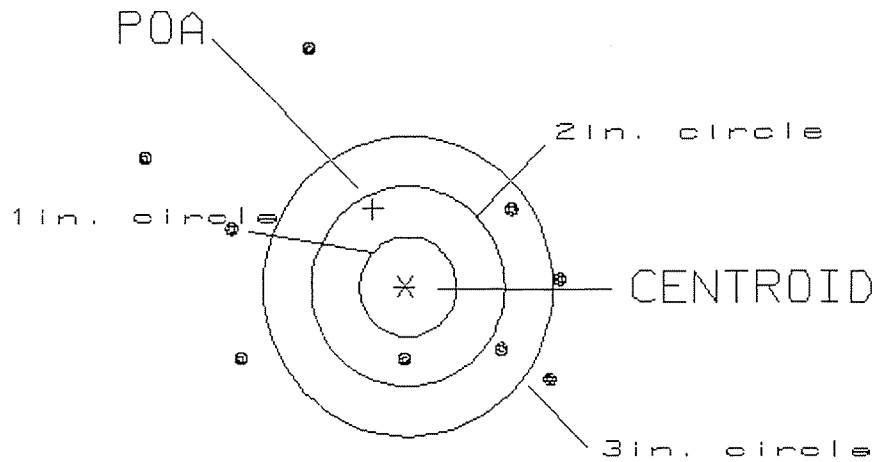


PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .845
 MIN RADIUS : .725
 MEAN RADIUS : 1.910
 MAX RADIUS : 3.254
 CENTROID X : .330
 CENTROID Y : -.778

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349139

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 5.07

0

VS= 4.63

1

GS= 6.18

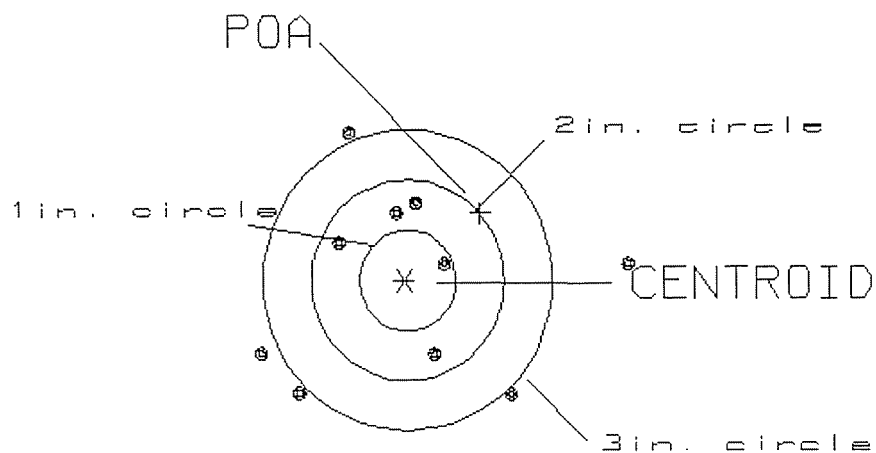
3

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: 1.031
 MIN RADIUS : .389
 MEAN RADIUS : 1.225
 MAX RADIUS : 2.309
 CENTROID X : -.783
 CENTROID Y : -.671

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349139

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.87

1

VS= 2.59

5

GS= 3.98

5

REMINGTON CENTERFIRE ACCURACY TEST

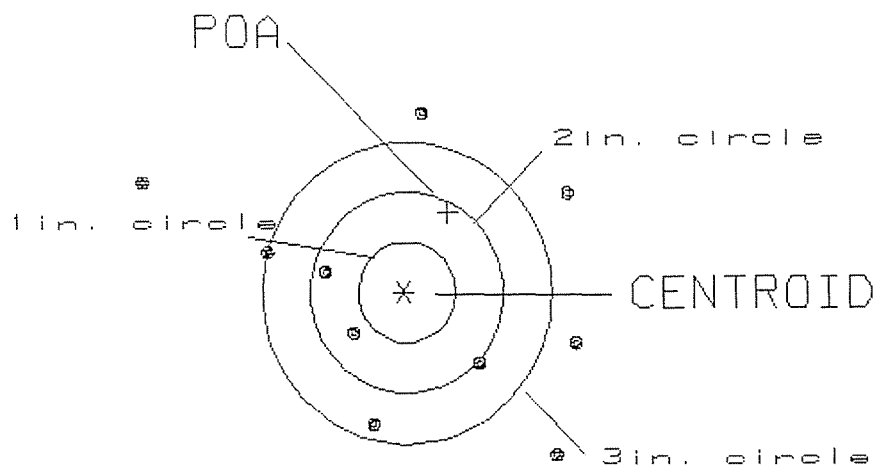
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
 POA TO CENTROID: .915
 MIN RADIUS : .645
 MEAN RADIUS : 1.632
 MAX RADIUS : 2.992
 CENTROID X : -.451
 CENTROID Y : -.796

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349139

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 4.58

0

VS= 3.45

2

GS= 5.15

4

REMINGTON CENTERFIRE ACCURACY TEST

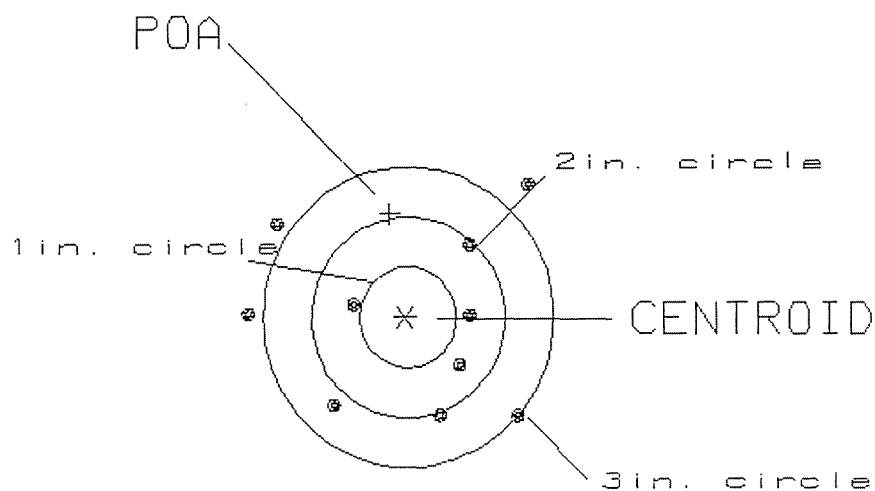
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: 1.040
 MIN RADIUS : .600
 MEAN RADIUS : 1.173
 MAX RADIUS : 1.796
 CENTROID X : .163
 CENTROID Y : -1.027

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349139

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.88

0

VS= 2.36

4

GS= 3.15

7

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐

POA TO CENTROID: 1.588

MIN RADIUS : .982

MEAN RADIUS : 1.574

MAX RADIUS : 2.425

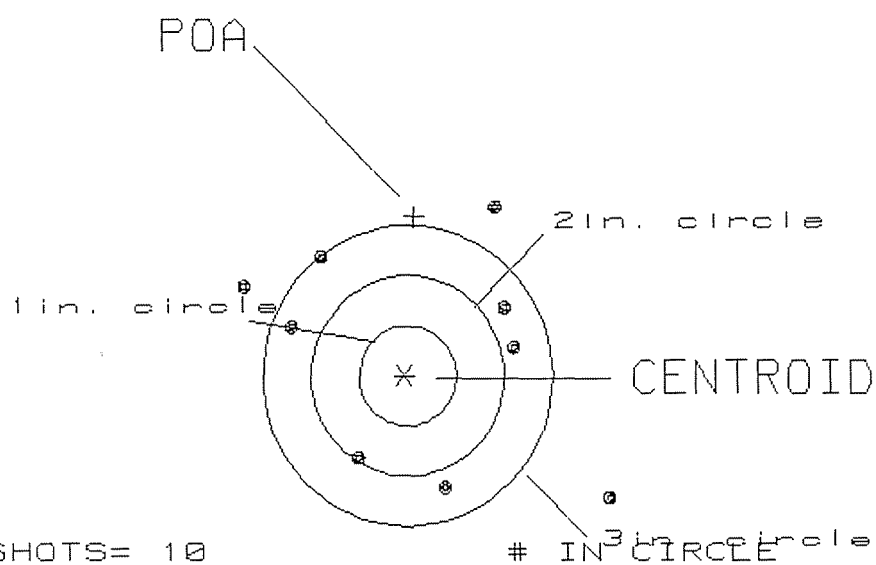
CENTROID X : -.094

CENTROID Y : -1.586

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c5349139

CENTERFIRE PATTERN # 5



OF SHOTS= 10

HS= 3.87

VS= 3.68

GS= 4.37

IN 3 in circle

0

1

6