

06349072

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349072

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 12	90	RW
600	Proof	1 12	90	A
607	Check Headspace	1 12	90	Z
610	Dis-assemble Gun	1 12	90	RW
612	Magnaflux Barrel Action	1-16-90		KCR
	Magnaflux Bolt	1-17-90		KCR
615	Rollmark Caliber	1-17-90		CS
617	Drill and Tap Sight Holes	1-19-90		EB
618	Polish Barrel RB	1-22-90		WB
620	Apply Coatings (Barrel Action)		1-20-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/2/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/2/90	RW
	C) Inspect Ejector Hole for Chamfer		2/2/90	RW
	D) Oil Firing Pin Ass'y		2/2/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2-6-90	JA

9-4/90 WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			2-7-90	WB
	G) Safety Off Force	2 1/2	2 1/4	2 1/4			2-7-90	WB
	H) Trigger Pull Test & Retainability						9/4/90	WB
	I) Firing Pin Indent	.023	.0225	.0225			9/4/90	WB
	J) Assemble Stock						9/6/90	RW
	K) Assemble Swivel Studs						9/9/90	JS
	L) Attach Front and Rear Sight Assemblies						9/6/90	RW
	M) Iron Sight Alignment						9/6/90	RW
	N) Detach Front & Rear Sights & place in numbered container						9/6/90	RW
	O) Attach Scope to Rifle						9/6/90	RW
640	P) Detach & Attach Scope 20 Times						9/6/90	RW
	Gallery Target & Test						9-8-90	AC
	A) Time						9-8-90	AC
	B) Malfunctions						9-8-90	AC
	C) Pierced Primers						9-8-90	AC
645	D) Optical Clarity of Scope						9-8-90	AC
	Inspect for Live Ammo						9-8-90	AC
	Final Inspection						9/9/90	JS
	A) Headspace						9/9/90	JS
655	B) Trigger Pull	220	222	222	217	212	9/9/90	JS
	C) Function						9/9/90	JS
660	Pack						9-18-90	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C 634 9072

DATE 9/4/90

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.18	2.27	2.20	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.25	2.25	2.22	
PULL #3	2.27	2.21	2.20	2.22	
PULL #4	2.24	2.20	2.22	2.17	
PULL #5	2.20	2.24	2.14	2.12	
TOTAL	11.42	11.08	11.08		
AVG.	2.28	2.21	2.21		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.06		
PULL #2	3.15	3.06		
PULL #3	3.10	3.09		
PULL #4	3.08	3.11		
PULL #5	3.05	3.09		
TOTAL	15.51	15.41		
AVG.	3.10	3.08		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.06		4.27
PULL #2	4.12	4.10		4.24
PULL #3	4.16	4.06		4.22
PULL #4	4.12	4.08		4.21
PULL #5	4.20	4.13		4.17
TOTAL	20.77	20.43		21.11
AVG.	4.15	4.08		4.22

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349072
8 Sep 1990

CENTROIDAL DISTANCES

0 TO 1	.351404
1 TO 2	.383401
1 TO 3	.273081
1 TO 4	.12816
1 TO 5	.0196977

+₁ <----FOR

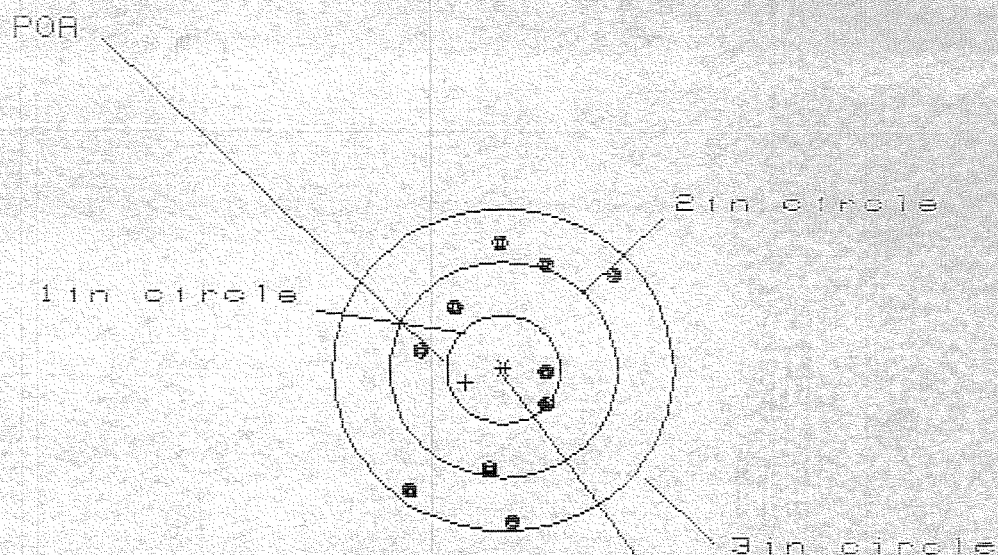
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4012
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .029
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .402247
THE AMR FOR THIS RIFLE IS: .9454

6 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349072

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 1.809

VS= 2.620

GS= 2.715

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.989	.993	.891
MINIMUM X	:	-.820	-.816	-.841
MAXIMUM Y	:	1.183	1.024	.866
MINIMUM Y	:	-1.437	-1.262	-1.277
CENTROID X	:	.331	.327	.430
CENTROID Y	:	.118	.277	.435
POA TO CENTROID in.	:	.351	.429	.611
MIN RADIUS	:	.345	.378	.392
MEAN RADIUS	:	.964	.898	.804
MAX RADIUS	:	1.437	1.503	1.293
HORIZONTAL SPREAD	:	1.809	1.809	1.731
VERTICAL SPREAD	:	2.620	2.286	2.143
EXTREME SPREAD	:	2.715	2.715	2.174
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

6 Sep 1998

FILE: \PATTERNING\CENTERFIRE_PATT\06349072

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.038

VS= 2.790

GS= 2.790

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.018	1.024	.942
MINIMUM X	-1.020	-1.014	-1.096
MAXIMUM Y	1.189	1.011	.813
MINIMUM Y	-1.601	-1.586	-.984
CENTROID X	.551	.545	.627
CENTROID Y	-.196	-.018	.180
POA TO CENTROID in.	.585	.545	.652
MIN RADIUS	.094	.130	.279
MEAN RADIUS	.928	.827	.716
MAX RADIUS	1.602	1.715	1.120
HORIZONTAL SPREAD	2.038	2.038	2.038
VERTICAL SPREAD	2.790	2.597	1.797
EXTREME SPREAD	2.790	2.696	2.040
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

8 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08349072

CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 8

3in = 8

HS= 3.084

VS= 1.765

GS= 3.088

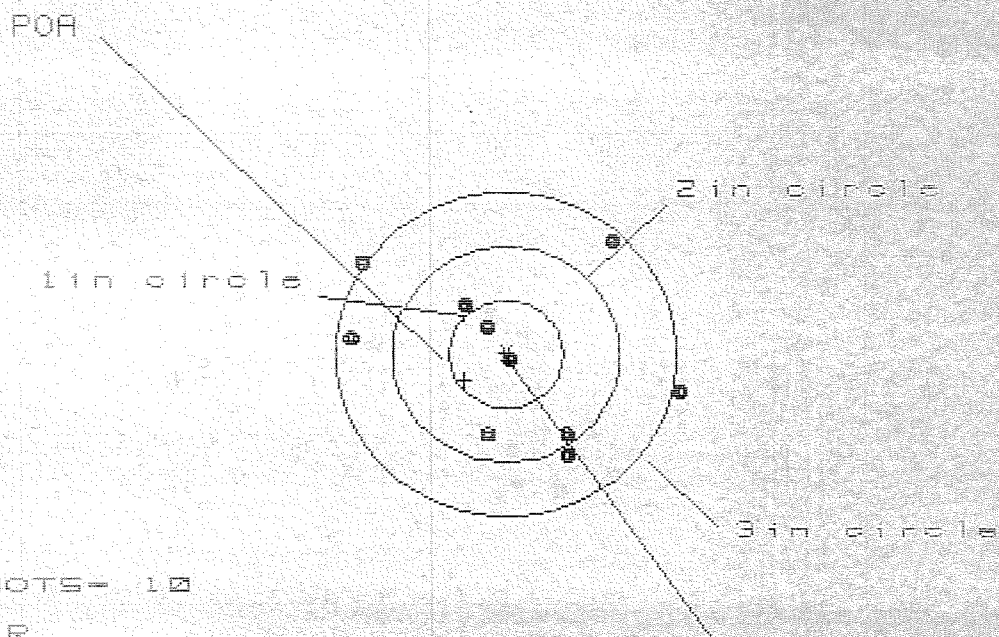
CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.395	1.207	.865
MINIMUM X	-1.689	-.820	-.669
MAXIMUM Y	.896	.838	.855
MINIMUM Y	-.869	-.769	-.664
CENTROID X	.408	.596	.445
CENTROID Y	-.144	-.244	-.349
POA TO CENTROID in.	.433	.644	.565
MIN RADIUS	.497	.294	.360
MEAN RADIUS	.927	.792	.681
MAX RADIUS	1.912	1.469	.942
HORIZONTAL SPREAD	3.084	2.027	1.534
VERTICAL SPREAD	1.765	1.607	1.519
EXTREME SPREAD	3.088	2.318	1.637
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	8		

8 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8349072

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.868

VS= 2.008

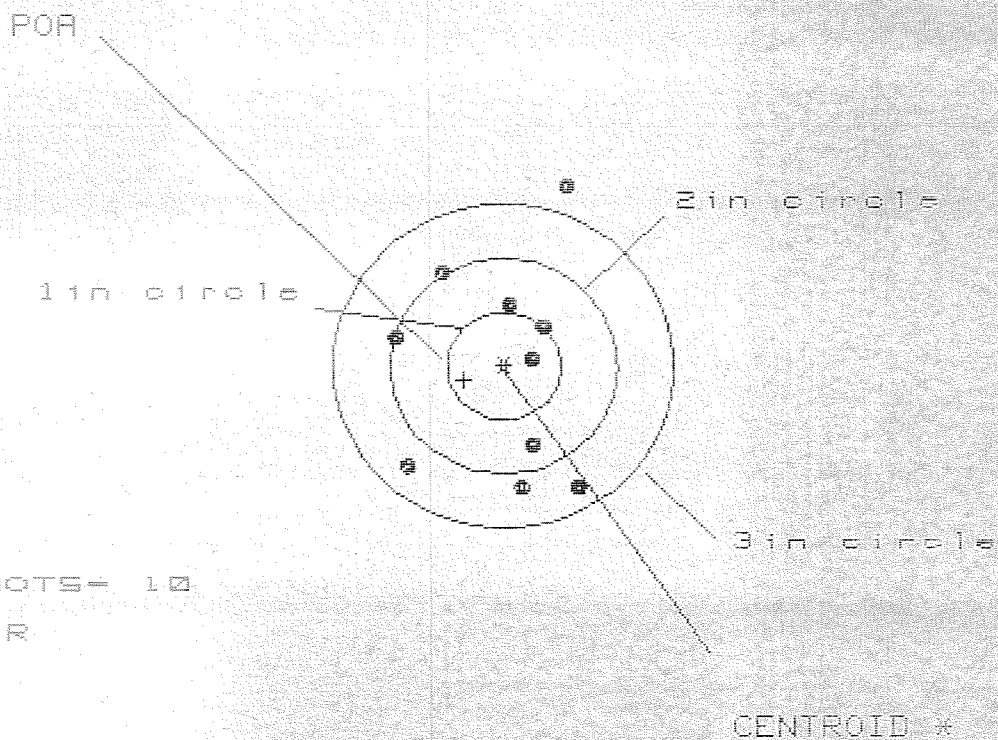
GS= 2.847

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.486	1.079	.946
MINIMUM X	-1.382	-1.216	-1.349
MAXIMUM Y	1.040	1.007	1.109
MINIMUM Y	-.968	-1.001	-.899
CENTROID X	.367	.201	.334
CENTROID Y	.241	.275	.174
POA TO CENTROID in.	.439	.341	.376
MIN RADIUS	.025	.159	.051
MEAN RADIUS	.943	.871	.802
MAX RADIUS	1.517	1.475	1.457
HORIZONTAL SPREAD	2.868	2.295	2.295
VERTICAL SPREAD	2.008	2.008	2.008
EXTREME SPREAD	2.947	2.500	2.461
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

6 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6349072

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 1.599

VS= 2.839

GS= 2.947

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.685	.750	.461
MINIMUM X	-.914	-.849	-.755
MAXIMUM Y	1.695	1.072	.957
MINIMUM Y	-1.144	-.956	-1.071
CENTROID X	.349	.284	.191
CENTROID Y	.126	-.062	.053
POA TO CENTROID in.	.371	.291	.198
MIN RADIUS	.265	.407	.438
MEAN RADIUS	.965	.880	.833
MAX RADIUS	1.792	1.193	1.123
HORIZONTAL SPREAD	1.599	1.599	1.216
VERTICAL SPREAD	2.839	2.028	2.028
EXTREME SPREAD	2.947	2.365	2.169
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

Remington®

MODEL 700™ H24

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

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

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

SERIAL NO.
C6349072

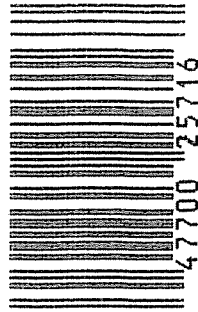
ORDER NO.
5716

01



5716 C6349072

LPC



0 47700 25716 7

R 99-09157

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
04/07/99	04/08/99	BK 1-90	C6349072		700 7.62 M24
ACCESSORIES	W/STUDS	SCOPE BASE			

SHIP TO:

US ARMY
ATTN: JAMES C STARNES JR
GSC 5TH SFG (A)
FORT CAMPBELL KY
42223

CUST NO:208414 C.O.D

ACCOUNT NUMBER		ACCOUNT NUMBER N/C		PROM. DATE		ESTIMATED		VIA	
								DOOR	
GUN CONDITION								REPAIR CHARGE	
☐ NEW								EXCISE	
☐ LIGHTLY WORN								TAX	
☐ WORN								INSURANCE	
☐ VERY WORN								UPS	
☐ UNREPAIRABLE								PARCEL POST	
☐ MARRED								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						
Bolt Assy	96005						
Extractor	91816						
		REPAIRMAN <i>RW</i>	PROOF c	CLEAN ✓	TEST ✓	TARGET ✓	PATTERN
		GALLERY TESTER <i>RW</i>	DATE	DATE 6-1-99	DATE 6-3-99	DATE 6-3-99	DATE

OFFICE COPY

BD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 M2400107227

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

File # 00379

Delivery Date 4 / 7 / 99

Customer Name (Print) US Army, James C. Starns Jr.
Address GSC 5th Special Forces Group State KY Zip 42223
Phone Number (502) - 798-2882 / 1932

Firearm Description Model 700 (M24) Cal./ Ga. 7-62
Serial Number C6349072
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: Reconditioning

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 [Signature] 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 # c6349072
4 Jun 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0798
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1756
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .192882

THE AMR FOR THIS RIFLE IS: 1.219

CENTROIDAL DISTANCES

0	TO	1	.358095
1	TO	2	.372485
1	TO	3	.383266
1	TO	4	.81964
1	TO	5	.42873

4

²₃ 1 <----POA

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .079

MIN RADIUS : .277

MEAN RADIUS : 1.392

MAX RADIUS : 2.641

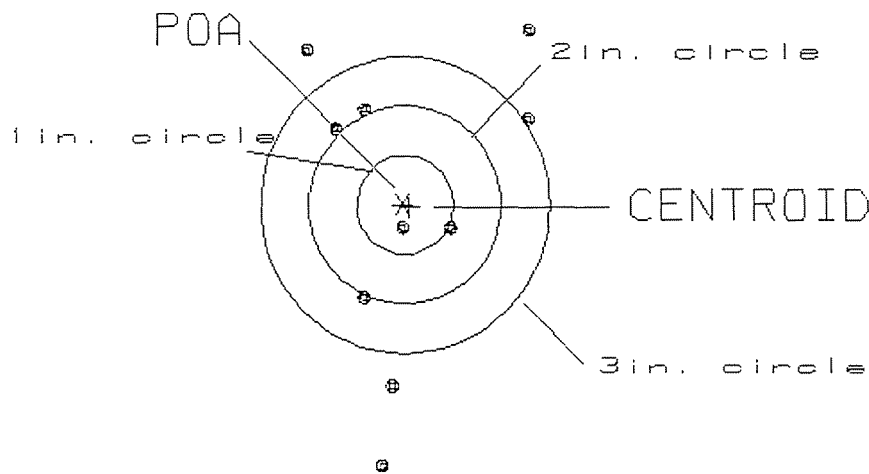
CENTROID X : -.074

CENTROID Y : .029

4 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349072

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.26

1

VS= 4.41

2

GS= 4.68

5

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .850

MIN RADIUS : .414

MEAN RADIUS : 1.561

MAX RADIUS : 2.947

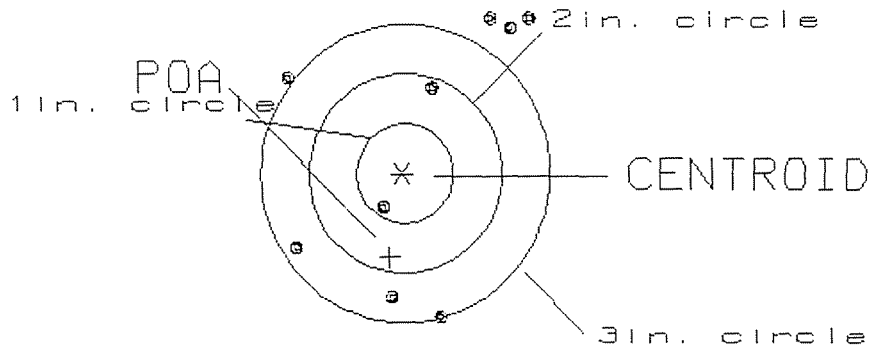
CENTROID X : .125

CENTROID Y : .841

4 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349072

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.54

1

VS= 4.28

2

GS= 4.93

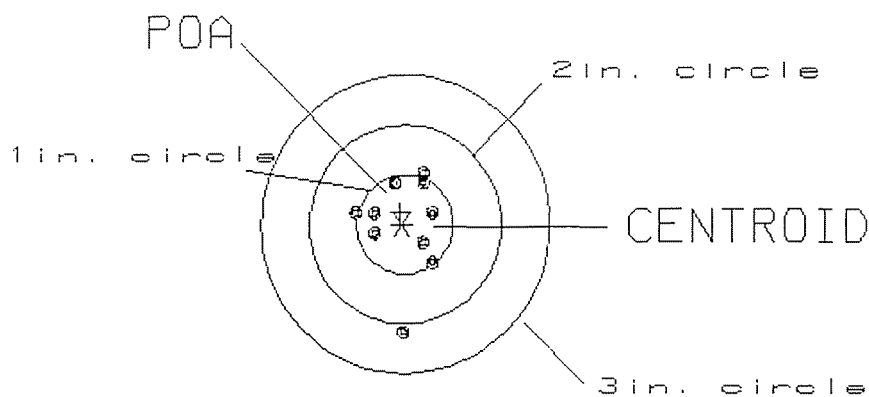
5

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .119
 MIN RADIUS : .290
 MEAN RADIUS : .482
 MAX RADIUS : 1.104
 CENTROID X : .012
 CENTROID Y : -.119

4 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349872

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= .79

7

VS= 1.65

9

GS= 1.66

10

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

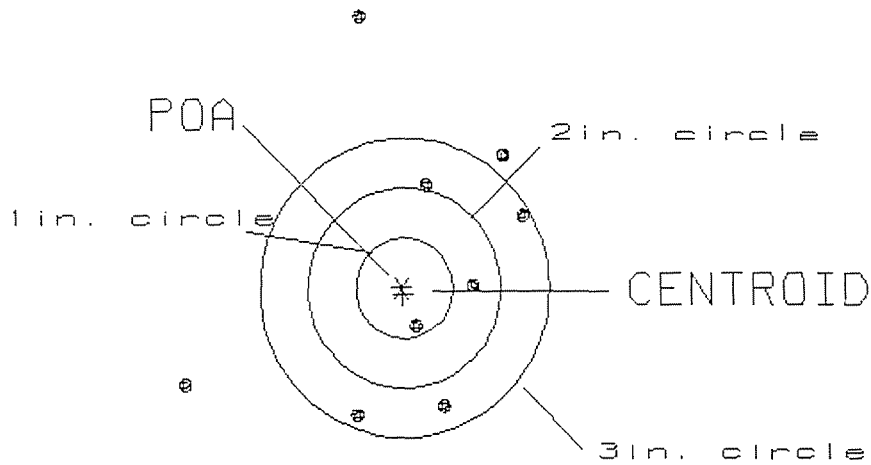
PATTERN #: 4

POA TO CENTROID: .075
MIN RADIUS : .342
MEAN RADIUS : 1.522
MAX RADIUS : 2.805
CENTROID X : -.018
CENTROID Y : .073

4 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349872

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.50

1

VS= 4.85

2

GS= 4.85

6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

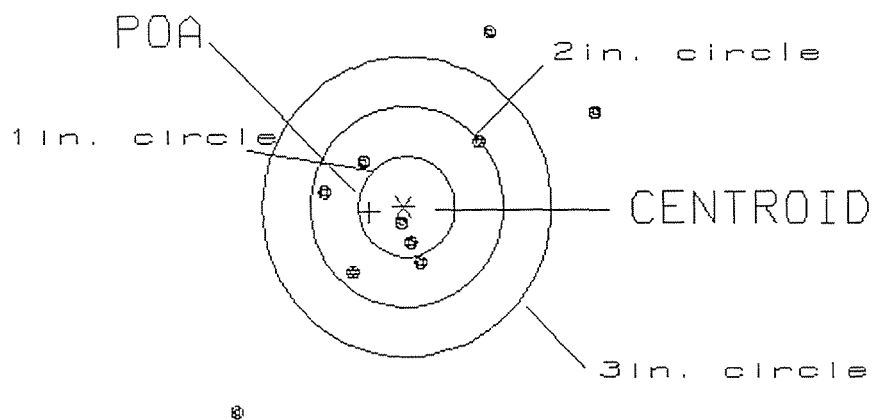
PATTERN #: 5

POA TO CENTROID: .358
 MIN RADIUS : .221
 MEAN RADIUS : 1.136
 MAX RADIUS : 2.754
 CENTROID X : .354
 CENTROID Y : .054

4 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349072

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.73

2

VS= 3.66

7

GS= 4.81

7