

C6225186

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

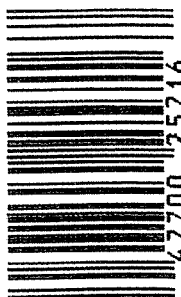
Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smead®

VERY IMPORTANT Instruction Book enclosed to assure safe use of this firearm.		UPPC  0 47700 25716 7	
Remington REG. U.S. PAT. & TM. OFF.		SERIAL NO. C6225186	
MODEL 700™ H24		ORDER NO. 5716	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.		 5716 C6225186	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225186

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	QUALITY AUDIT	1 25 89	RW
600	Proof		1 25 89	RW
607	Check Headspace		1 25 89	RW
610	Dis-assemble Gun		1 25 89	RW
612	Magnaflux Barrel Action		1-27-89	RK.
	Magnaflux Bolt		1-27-89	KCR
615	Rollmark Caliber			
617	Drill and Tap Sight Holes	2 1	89	FB
618	Polish Barrel	2 1	89	BT
620	Apply Coatings (Barrel Action)		2-10-89	TX
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/21/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/21/89	RW
	C) Inspect Ejector Hole for Chamfer		2/21/89	RW
	D) Oil Firing Pin Ass'y		2/21/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2-23-89	JS

BARBER - M24 0010171								
op. #	OP. NAME	READINGS			DATE	INITIAL		
625 cont.	F) Safety On Force	5	5	5	24 Feb 89	JS		
	G) Safety Off Force	3	3	3	24 Feb 89	JS		
	H) Trigger Pull Test & Retainability				23 Feb 89	JS		
	I) Firing Pin Indent	.021	.021	.021	24 Feb 89	JS		
	J) Assemble Stock				2/27/89	RW		
	K) Assemble Swivel Studs				6 Mar 89	JS		
	L) Attach Front and Rear Sight Assemblies				2/27/89	RW		
	M) Iron Sight Alignment				2/27/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				2/27/89	RW		
	O) Attach Scope to Rifle				2/28/89	WBS		
	P) Detach & Attach Scope 20 Times				2/28/89	WBS		
640	Gallery Target & Test	47 R	104 L		3-1-89	AK		
	A) Time				"	AK		
	B) Malfunctions			NONE	"	AK		
	C) Pierced Primers			NONE	"	AK		
	D) Optical Clarity of Scope			OK	"	AK		
645	Inspect for Live Ammo			NONE	3-1-89	AK		
655	Final Inspection							
	A) Headspace				6 Mar 89	JS		
	B) Trigger Pull	2.25	2.28	2.22	2.23	2.20	6 Mar 89	JS
	C) Function						6 Mar 89	JS
660	Pack						22 Mar 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 5186

DATE 4-3-90

TESTER JEP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.28		2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.27		2.43	
PULL #3	2.36	2.28		2.48	
PULL #4	2.28	2.15		2.47	
PULL #5	2.32	2.49		2.46	
TOTAL	11.76	11.47		12.36	
AVG.	2.352	2.294		2.472	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.55	3.40		
PULL #2	3.42	3.46		
PULL #3	3.40	3.42		
PULL #4	3.38	3.43		
PULL #5	3.40	3.40		
TOTAL	17.15	17.11		
AVG.	3.43	3.422		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.35		
PULL #2	4.23	4.28		
PULL #3	4.29	4.29		
PULL #4	4.30	4.29		
PULL #5	4.32	4.31		
TOTAL	21.52	21.22		
AVG.	4.304	4.244		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225186
6 Mar 1989

CENTROIDAL DISTANCES

0 TO	1	.64834
1 TO	2	.703018
1 TO	3	.121149
1 TO	4	.610004
1 TO	5	.932675

4³
5² <----POB

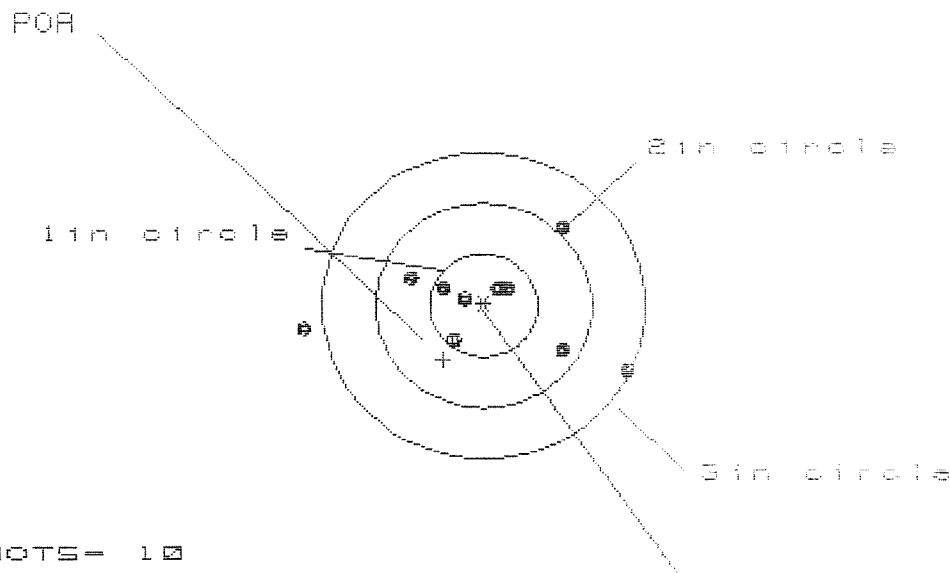
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0632
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2142
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .223329

THE AMR FOR THIS RIFLE IS: .8

2 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225186

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 5

2in = 7

3in = 9

HS= 3.004

VS= 1.402

GS= 3.029

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.302	1.113	.683
MINIMUM X	:	-1.702	-.823	-.634
MAXIMUM Y	:	.797	.773	.695
MINIMUM Y	:	-.605	-.629	-.557
CENTROID X	:	.372	.561	.422
CENTROID Y	:	.531	.555	.633
FOR TO CENTROID in.	:	.648	.789	.761
MIN RADIUS	:	.135	.172	.073
MEAN RADIUS	:	.721	.623	.496
MAX RADIUS	:	1.716	1.278	.974
HORIZONTAL SPREAD	:	3.004	1.936	1.367
VERTICAL SPREAD	:	1.402	1.402	1.262
EXTREME SPREAD	:	3.029	2.129	1.554
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Mar 1989

FILE:\PATTERNING\CENTERFIRE_PATT\06225168

CENTERFIRE PATTERNS

2

POR

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 1.951

VS= 2.365

GS= 2.869

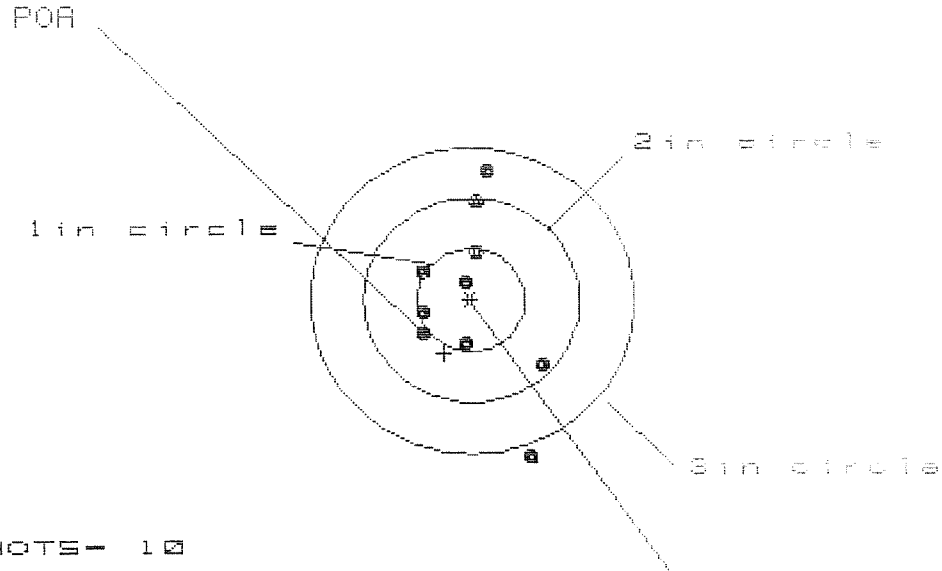
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.038	.937	1.013
MINIMUM X	:	-.913	-.856	-.780
MAXIMUM Y	:	1.150	1.015	.975
MINIMUM Y	:	-1.215	-.729	-.683
CENTROID X	:	.097	.198	.122
CENTROID Y	:	-.116	.019	-.107
POR TO CENTROID in.	:	.151	.199	.163
MIN RADIUS	:	.458	.297	.434
MEAN RADIUS	:	.887	.814	.752
MAX RADIUS	:	1.520	1.184	1.108
HORIZONTAL SPREAD	:	1.951	1.793	1.793
VERTICAL SPREAD	:	2.365	1.744	1.578
EXTREME SPREAD	:	2.869	2.102	1.915
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C82251B6

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 8

3 in = 9

HS= 1.138

VS= 2.788

GS= 2.816

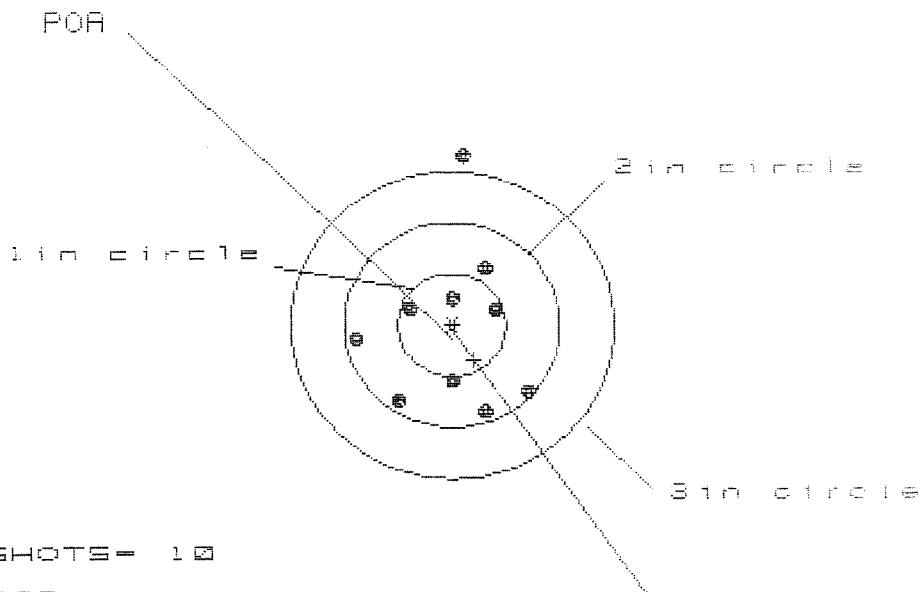
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.645	.783	.726
MINIMUM X	:	-.493	-.435	-.412
MAXIMUM Y	:	1.260	1.090	.938
MINIMUM Y	:	-1.528	-.795	-.658
CENTROID X	:	.251	.193	.170
CENTROID Y	:	.525	.695	.558
POA TO CENTROID in.	:	.582	.721	.584
MIN RADIUS	:	.166	.035	.143
MEAN RADIUS	:	.740	.614	.549
MAX RADIUS	:	1.614	1.105	.980
HORIZONTAL SPREAD	:	1.138	1.138	1.138
VERTICAL SPREAD	:	2.788	1.885	1.596
EXTREME SPREAD	:	2.816	1.956	1.697
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225186

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 9

3 in = 9

HS= 1.644

VS= 2.454

GS= 2.463

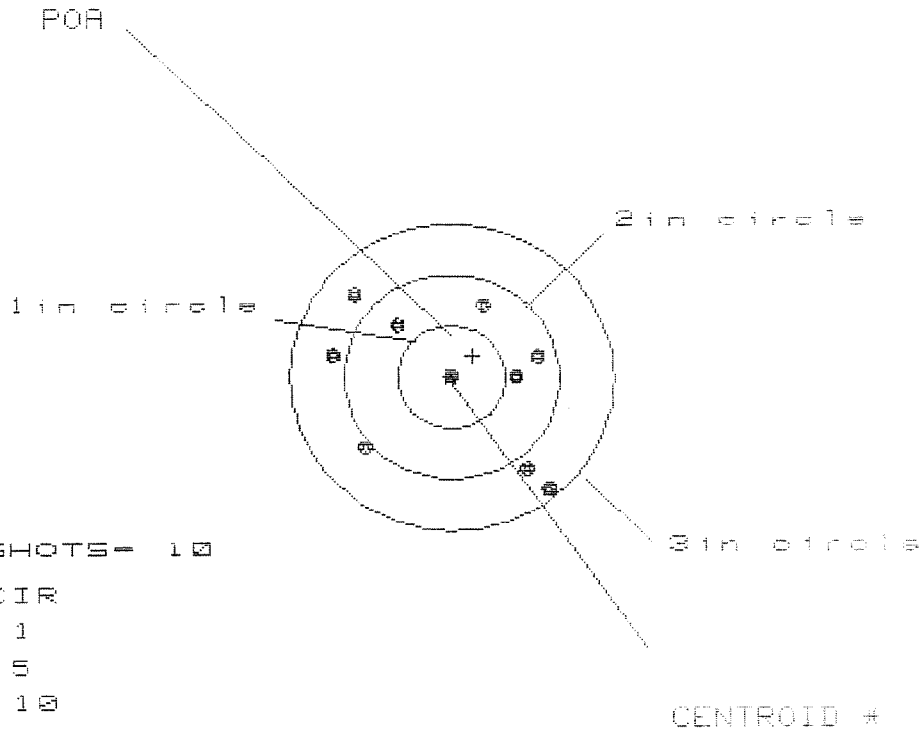
CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.730	.736	.537
MINIMUM X	-.914	-.908	-.816
MAXIMUM Y	1.630	.707	.654
MINIMUM Y	-.824	-.643	-.696
CENTROID X	-.207	-.213	-.305
CENTROID Y	.339	.158	.211
POA TO CENTROID in.	.397	.265	.371
MIN RADIUS	.292	.361	.424
MEAN RADIUS	.756	.652	.620
MAX RADIUS	1.631	.908	.816
HORIZONTAL SPREAD	1.644	1.644	1.353
VERTICAL SPREAD	2.454	1.350	1.350
EXTREME SPREAD	2.463	1.708	1.442
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	9	
NUMBER IN THREE INCH CIRCLE	=	9	

2 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225186

CENTERFIRE PATTERNS # 5



PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.849	.930	.827
MINIMUM X	-1.114	-1.020	-1.123
MAXIMUM Y	.839	.720	.716
MINIMUM Y	-1.072	-.964	-.874
CENTROID X	-.197	-.291	-.187
CENTROID Y	-.208	-.089	-.179
POA TO CENTROID in.	.287	.305	.259
MIN RADIUS	.054	.146	.026
MEAN RADIUS	.896	.839	.787
MAX RADIUS	1.367	1.240	1.138
HORIZONTAL SPREAD	1.963	1.950	1.950
VERTICAL SPREAD	1.911	1.684	1.590
EXTREME SPREAD	2.608	2.330	2.085
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 10		

BBL - 96003

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00008590

Serial: C6225186 Model 700 Center Fire Caliber:
7.62 M-24 (SWS)

Repairman:

Status:

Closed 4/27/00 8:44:52 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: 2/7TH SPECIAL FORCES GROUP (A)

2/7TH SPECIAL FORCES GROUP (A)

Address 1: ATTN: S4, BLDG. E-3323

ATTN: S4, BLDG. E-3323

Address 2:

PO Box:

FORT BRAGG

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Poor

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud. & SWIVEL	2
A016	Scope Mounts	2
A017	Scope Base	1
A026	Scope	1
XXX	W/ BI-POD	1

Repair Search

Refresh

Close

naglej

4/27/00

12:49 PM

CAPS

NUM

INS

SCRL

Start

Inb...

Na...

SA...

Ex...

Mi...

A...

Pa...

Mi...

Pri...

12:49 PM

12:49 PM

12:49 PM

12:49 PM

Serial Number:

C6225186

Model: 700



RE00008590

Scope s/n 88-0443

Bi-pod

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

[illegible]

Final Inspection

S.N.:

DATE REC'D:

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-1250☐ 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:

BARBER - M24 0010182

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225186
25 Jul 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1672
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0502
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .174573

THE AMR FOR THIS RIFLE IS: 1.189

CENTROIDAL DISTANCES

Ø TO	1	.444177
1 TO	2	.419977
1 TO	3	.692839
1 TO	4	.343874
1 TO	5	.333808

1
542⁺ 3 <----POA

BARBER - M24 0010183

REMINGTON CENTERFIRE ACCURACY TEST

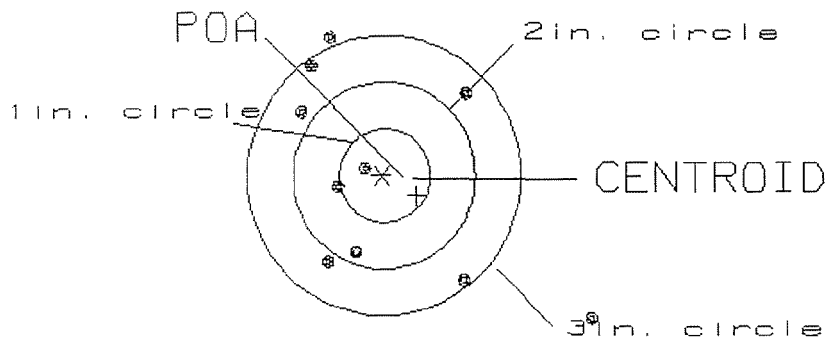
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .444
 MIN RADIUS : .235
 MEAN RADIUS : 1.231
 MAX RADIUS : 2.749
 CENTROID X : -.387
 CENTROID Y : .218

25 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/ c6225186

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.21
 VS= 3.01
 GS= 4.18

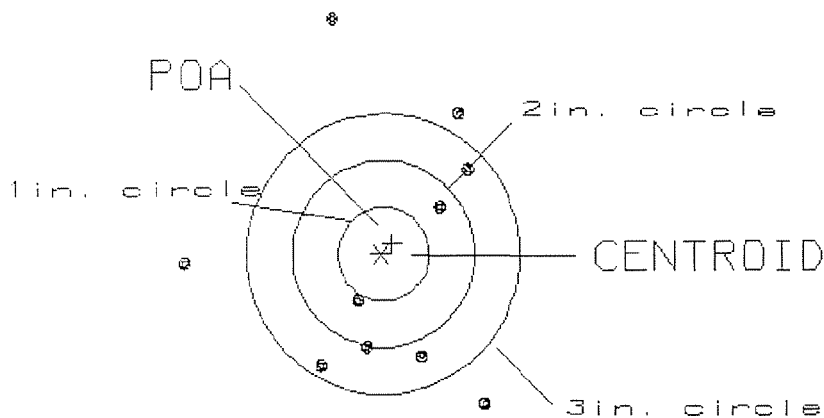
1
 3
 6

PATTERN #: 2
 POA TO CENTROID: .162
 MIN RADIUS : .566
 MEAN RADIUS : 1.456
 MAX RADIUS : 2.547
 CENTROID X : -.121
 CENTROID Y : -.107

25 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/ c6225186

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.28
 VS= 4.05
 GS= 4.40

0
 3
 6

BARBER - M24 0010185

REMINGTON CENTERFIRE ACCURACY TEST

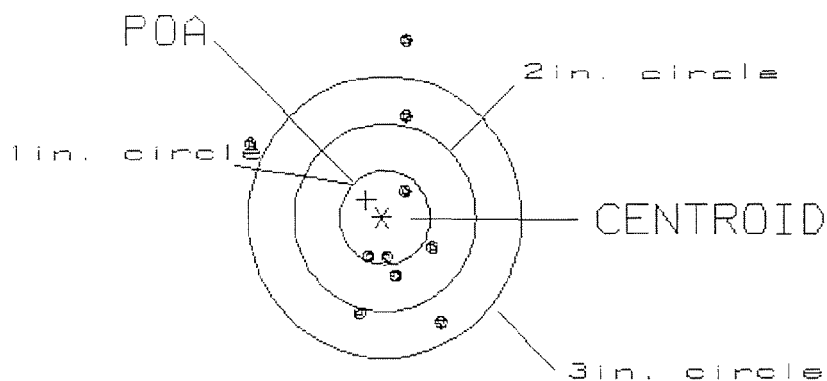
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
 POA TO CENTROID: .255
 MIN RADIUS : .313
 MEAN RADIUS : .943
 MAX RADIUS : 1.895
 CENTROID X : .178
 CENTROID Y : -.183

25 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/ c6225186

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.09

3

VS= 3.04

5

GS= 3.07

8

BARBER - M24 0010186

REMINGTON CENTERFIRE ACCURACY TEST

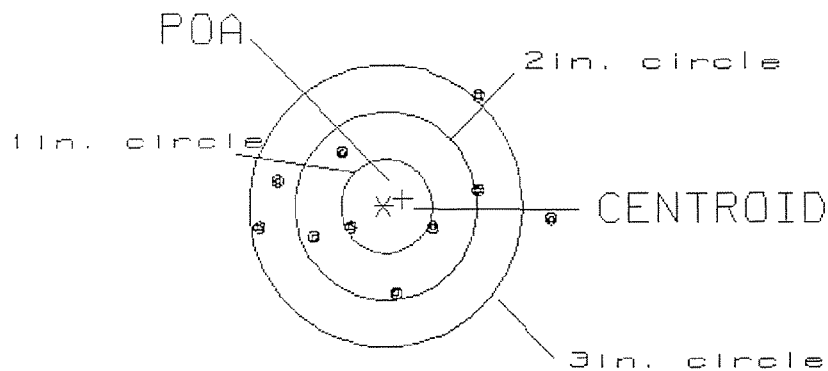
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .220
 MIN RADIUS : .509
 MEAN RADIUS : 1.057
 MAX RADIUS : 1.819
 CENTROID X : -.207
 CENTROID Y : -.075

25 Jul 2000

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/ c6225186

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.23

0

VS= 2.11

6

GS= 3.23

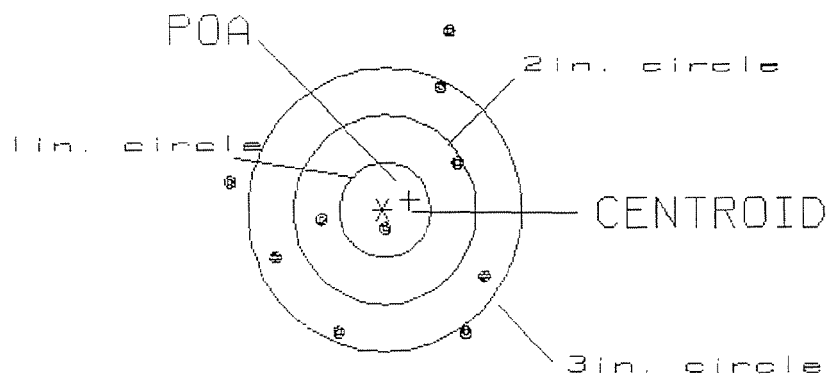
8

PATTERN #: 5
 POA TO CENTROID: .316
 MIN RADIUS : .166
 MEAN RADIUS : 1.259
 MAX RADIUS : 2.049
 CENTROID X : -.299
 CENTROID Y : -.104

25 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/ c6225186

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.80
 VS= 3.23
 GS= 3.45

1
 3
 7