

C6611632

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

*Call
mond*

Remington
REMINGTON & CO. N.Y. N.Y.
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

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

SERIAL NO.
C6611632

ORDER NO.
5715

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

20

UPC
0 47700 25716 7

5715 C6611632

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6611632

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/10/91	KA
600	Proof		1/10/91	KA
607	Check Headspace		1/10/91	KA
610	Dis-assemble Gun		1/10/91	KA
612	Magnaflux Barrel Action		1/17/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GS
617	Drill and Tap Sight Holes	1 18 91		FB
618	Polish Barrel	1 18 91		WK
620	Apply Coatings (Barrel Action)		2-18-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/22/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/22/91	KA
	C) Inspect Ejector Hole for Chamfer		2/22/91	KA
	D) Oil Firing Pin Ass'y		2/22/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2-27-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/4	5 1/4	5 1/4			2-27-91	D/H
	G) Safety Off Force	3	3	3			2-27-91	D/H
	H) Trigger Pull Test & Retainability						2-27-91	D/H
	I) Firing Pin Indent	.0205	.0215	.0215			2-27-91	D/H
	J) Assemble Stock						3/4/91	KJ
	K) Assemble Swivel Studs						3-11-91	D/H
	L) Attach Front and Rear Sight Assemblies						3/4/91	KJ
	M) Iron Sight Alignment						3/4/91	KJ
	N) Detach Front & Rear Sights & place in numbered container						3/4/91	KJ
	O) Attach Scope to Rifle						3/4/91	KJ
	P) Detach & Attach Scope 20 Times						3/4/91	KJ
640	Gallery Target & Test						3-5-91	AC
	A) Time						3-5-91	AC
	B) Malfunctions						3-5-91	AC
	C) Pierced Primers						3-5-91	AC
	D) Optical Clarity of Scope						3-5-91	AC
645	Inspect for Live Ammo						3-5-91	AC
655	Final Inspection							
	A) Headspace						3-11-91	D/H
	B) Trigger Pull	2.26	2.48	2.29	2.32	2.32	3/9/91	JJ
	C) Function						3-11-91	D/H
660	Pack						3-14-91	D/H

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611632

DATE 2-27-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.49	2.57	2.26	MIN. SETTING,
PULL #2	2.45	2.51	2.49	2.48	NO AVG. OF 5
PULL #3	2.48	2.39	2.55	2.29	READINGS ACCEPT-
PULL #4	2.55	2.51	2.47	2.32	ABLE LESS THAN 2#
PULL #5	2.51	2.38	2.56	2.32	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.40		
PULL #2	3.50	3.42		
PULL #3	3.48	3.42		
PULL #4	3.51	3.51		
PULL #5	3.51	3.45		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.49	4.42		4.33
PULL #2	4.52	4.22		4.49
PULL #3	4.18	4.43		4.50
PULL #4	4.50	4.41		4.44
PULL #5	4.38	4.07		4.52
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611632
5 Mar 1991

CENTROIDAL DISTANCES

Ø TO	1	.240133
1 TO	2	.0211896
1 TO	3	.172122
1 TO	4	.519839
1 TO	5	.11245

^{4.5}₁₀ <----POA

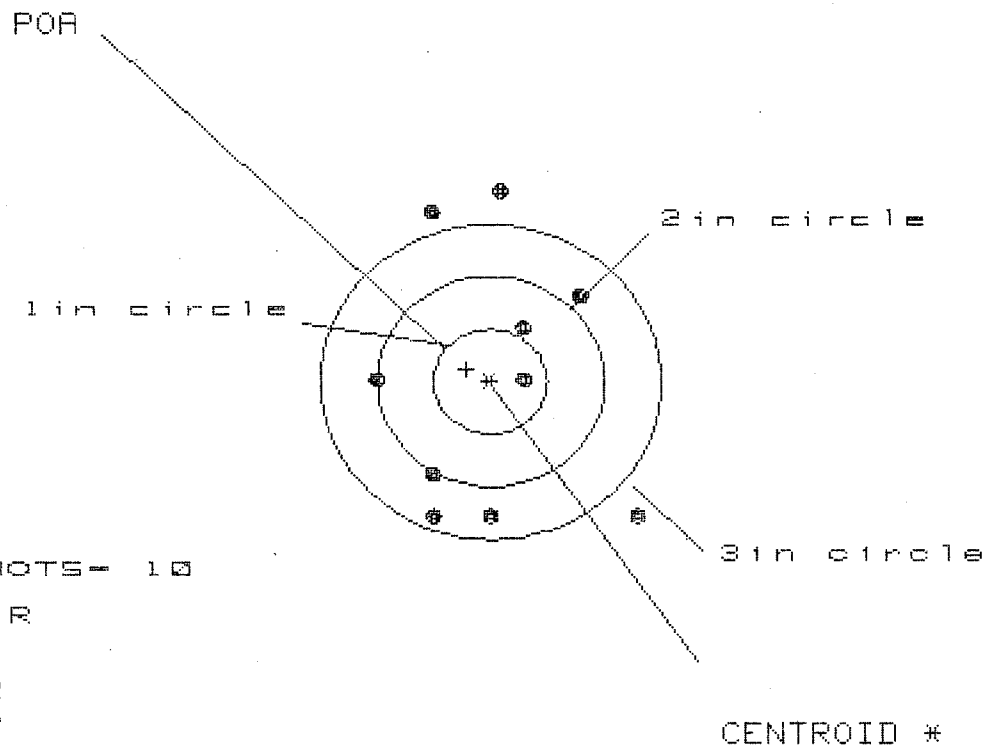
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0948
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0286
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0990202

THE AMR FOR THIS RIFLE IS: 1.103

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611632

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 2

3 in = 7

HS = 2.286

VS = 3.108

GS = 3.358

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.242	1.251	1.006
MINIMUM X	-1.044	-1.035	-.879
MAXIMUM Y	1.804	1.788	1.655
MINIMUM Y	-1.304	-1.104	-1.237
CENTROID X	.208	.199	.043
CENTROID Y	-.120	-.320	-.187
POA TO CENTROID in.	.240	.377	.192
MIN RADIUS	.253	.326	.423
MEAN RADIUS	1.199	1.124	1.055
MAX RADIUS	1.805	1.862	1.694
HORIZONTAL SPREAD	2.286	2.286	1.885
VERTICAL SPREAD	3.108	2.892	2.892
EXTREME SPREAD	3.358	3.358	2.916
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	7		

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611632

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 2

3 in = 9

HS= 2.424

VS= 2.898

GS= 3.007

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.474	1.555	1.211
MINIMUM X	:	-.950	-.869	-.675
MAXIMUM Y	:	1.463	1.304	1.279
MINIMUM Y	:	-1.435	-1.445	-1.470
CENTROID X	:	.201	.120	-.074
CENTROID Y	:	-.140	.019	.044
POA TO CENTROID in.	:	.245	.122	.086
MIN RADIUS	:	.158	.308	.484
MEAN RADIUS	:	1.138	1.081	1.003
MAX RADIUS	:	1.607	1.568	1.519
HORIZONTAL SPREAD	:	2.424	2.424	1.886
VERTICAL SPREAD	:	2.898	2.749	2.749
EXTREME SPREAD	:	3.007	2.810	2.810
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611632

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.200

VS= 3.349

GS= 3.592

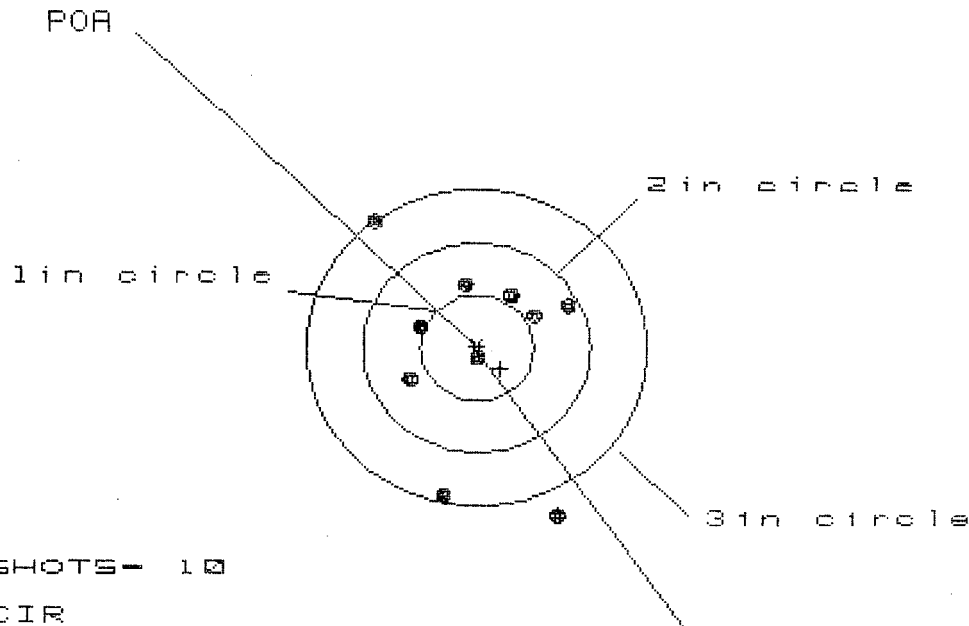
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.231	1.060	1.116
MINIMUM X	:	-.969	-.832	-.776
MAXIMUM Y	:	2.069	1.047	.915
MINIMUM Y	:	-1.280	-1.050	-.933
CENTROID X	:	.043	-.094	-.150
CENTROID Y	:	-.071	-.301	-.170
POA TO CENTROID in.	:	.083	.315	.226
MIN RADIUS	:	.389	.508	.366
MEAN RADIUS	:	1.105	.921	.882
MAX RADIUS	:	2.407	1.380	1.346
HORIZONTAL SPREAD	:	2.200	1.892	1.892
VERTICAL SPREAD	:	3.349	2.097	1.848
EXTREME SPREAD	:	3.592	2.369	2.369
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611632

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 1

2in = 7

3in = 9

HS = 1.662

VS = 2.763

GS = 3.192

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.798	.880	.782
MINIMUM X	:	-.864	-.782	-.579
MAXIMUM Y	:	1.211	1.038	.584
MINIMUM Y	:	-1.552	-1.540	-1.410
CENTROID X	:	-.204	-.286	-.188
CENTROID Y	:	.197	.370	.240
POR TO CENTROID in.	:	.284	.468	.305
MIN RADIUS	:	.100	.288	.141
MEAN RADIUS	:	.862	.747	.673
MAX RADIUS	:	1.718	1.551	1.439
HORIZONTAL SPREAD	:	1.662	1.662	1.361
VERTICAL SPREAD	:	2.763	2.578	1.994
EXTREME SPREAD	:	3.192	2.646	2.065
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611632

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 7

HS= 3.605

VS= 2.670

GS= 4.268

CENTROID #

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.272	.885	.785
MINIMUM X	:	-1.333	-1.081	-1.181
MAXIMUM Y	:	1.366	.922	.778
MINIMUM Y	:	-1.304	-1.152	-1.218
CENTROID X	:	.226	-.026	.074
CENTROID Y	:	-.009	-.161	-.017
POA TO CENTROID in.	:	.226	.163	.076
MIN RADIUS	:	.568	.625	.701
MEAN RADIUS	:	1.209	1.040	.968
MAX RADIUS	:	2.651	1.406	1.449
HORIZONTAL SPREAD	:	3.605	1.966	1.966
VERTICAL SPREAD	:	2.670	2.074	1.996
EXTREME SPREAD	:	4.268	2.590	2.375
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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: **RE00028200** Serial: C6611632 Model 700 Center Fire Caliber 7.62 NATO M-24 (SWS) Repairman: Status: Closed 6/5/01 10:22:33 AM

Verify Repair

Address Information

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

Name: **TRANSPORTATION OFFICER**

Address 1: **COOK DR_KNOX ST**

Address 2: PO Box:

City: **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US**

State: **NC** Zip Code: **28310** Country: **US**

FEL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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
A010	Hard Case	1
A017	Scope Base	1

Repair Search **Refresh** **Close**

paglet 6/5/01 11:23 AM CAPS NUM INS SCFL

Start Inbo Part SAP Stoc Free Goo Arm...

Serial Number: **C6611632**

Model: **700**



RE00028200

BARBER - M24 0079897

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6611632
22 Jun 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0498
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2284
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .233766

THE AMR FOR THIS RIFLE IS: 1.059

CENTROIDAL DISTANCES

0 TO 1 .285911
1 TO 2 .0598164
1 TO 3 .122332
1 TO 4 .113053
1 TO 5 .49162

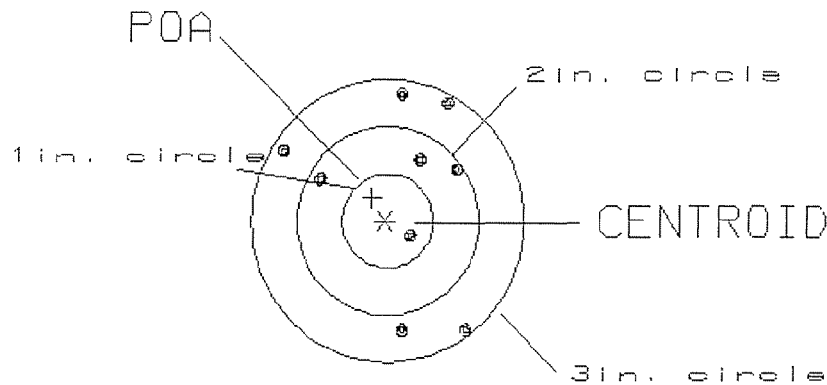
5 + 4 <----POA
3

PATTERN #: 1
 POA TO CENTROID: .285
 MIN RADIUS : .263
 MEAN RADIUS : 1.243
 MAX RADIUS : 2.885
 CENTROID X : .144
 CENTROID Y : -.247

22 Jun 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611632

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.10

1

VS= 3.96

4

GS= 4.26

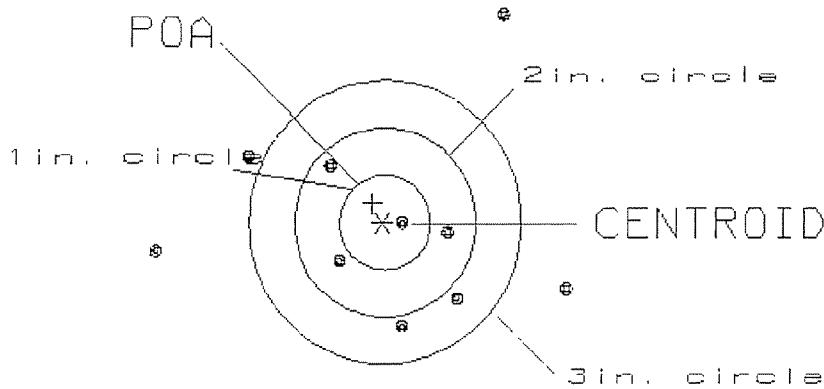
5

PATTERN #: 2
 POA TO CENTROID: .227
 MIN RADIUS : .187
 MEAN RADIUS : 1.335
 MAX RADIUS : 2.517
 CENTROID X : .107
 CENTROID Y : -.200

22 Jun 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611632

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.51
 VS= 3.21
 GS= 4.53

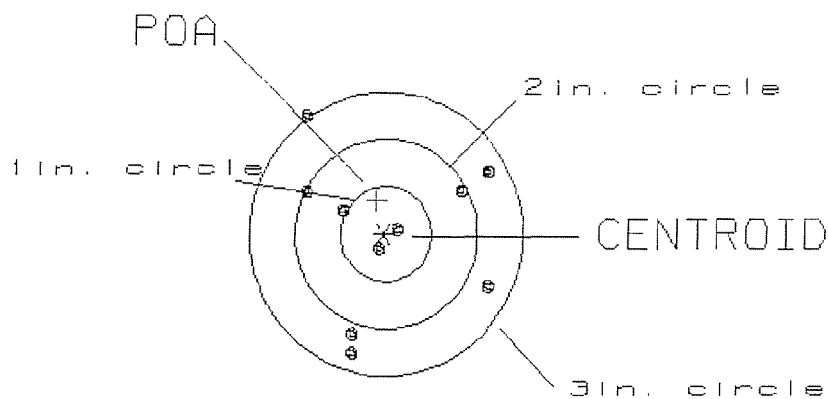
1
 4
 6

PATTERN #: 3
 POA TO CENTROID: .359
 MIN RADIUS : .085
 MEAN RADIUS : .924
 MAX RADIUS : 1.582
 CENTROID X : .078
 CENTROID Y : -.350

22 Jun 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611632

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.03

2

VS= 2.57

5

GS= 2.73

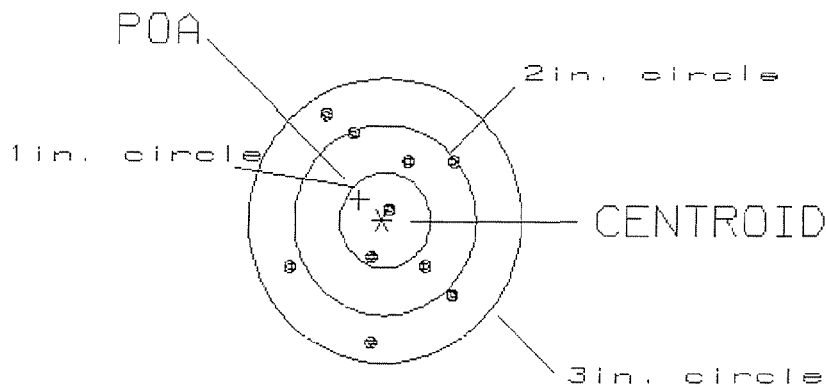
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PATTERN #: 4
 POA TO CENTROID: .333
 MIN RADIUS : .098
 MEAN RADIUS : .856
 MAX RADIUS : 1.287
 CENTROID X : .253
 CENTROID Y : -.217

22 Jun 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611632

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.81
 VS= 2.39
 GS= 2.43

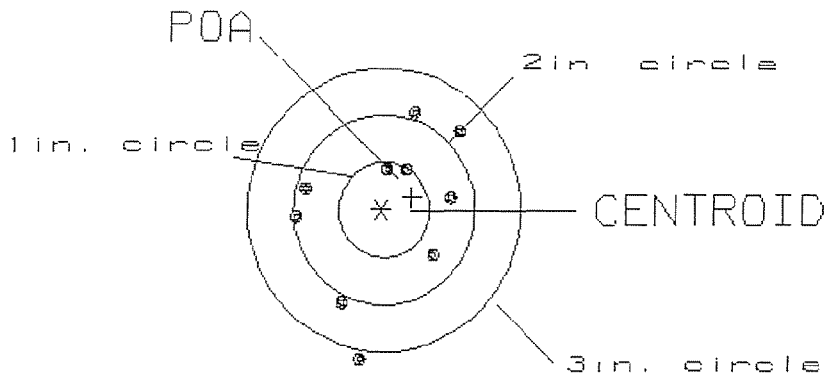
2
 5
 10

PATTERN #: 5
 POA TO CENTROID: .357
 MIN RADIUS : .433
 MEAN RADIUS : .936
 MAX RADIUS : 1.643
 CENTROID X : -.333
 CENTROID Y : -.128

22 Jun 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611632

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.82
 VS= 2.69
 GS= 2.75

1
 5
 9