

C6225196

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Call
800.875.875

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.

SERIAL NO.
C6225196

ORDER NO.
5716



20



5716 C6225196

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225196

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	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	TSX
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/20/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/20/89	RW
	C) Inspect Ejector Hole for Chamfer		2/20/89	RW
	D) Oil Firing Pin Ass'y		2/20/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/20/89	JS

op. #	OP. NAME	READINGS			DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5	21/2/89	JSJ
	G) Safety Off Force	3	3	3	21/2/89	JSJ
	H) Trigger Pull Test & Retainability				20/2/89	JSJ
	I) Firing Pin Indent	.021	.0215	.021	21/2/89	JSJ
	J) Assemble Stock				2/2/89	RW
	K) Assemble Swivel Studs				23/2/89	JSJ
	L) Attach Front and Rear Sight Assemblies				2/2/89	RW
	M) Iron Sight Alignment				2/2/89	RW
	N) Detach Front & Rear Sights & place in numbered container				2/2/89	RW
	O) Attach Scope to Rifle				22/2/89	JSJ
	P) Detach & Attach Scope 20 Times				22/2/89	JSJ
640	Gallery Target & Test	49 R	104 L		2/23/89	DAH
	A) Time				OK	DAH
	B) Malfunctions				OK	DAH
	C) Pierced Primers				OK	DAH
	D) Optical Clarity of Scope				2/23/89	DAH
645	Inspect for Live Ammo				2/23/89	DAH
655	Final Inspection					
	A) Headspace				23/2/89	JSJ
	B) Trigger Pull	265	269	263	23/2/89	JSJ
	C) Function				23/2/89	JSJ
660	Pack				22/11/89	JSJ

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 5196DATE 4-4-90TESTER J.E.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.45		2.39	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.45		2.31	
PULL #3	2.49	2.50		2.34	
PULL #4	2.53	2.43		2.30	
PULL #5	2.48	2.41		2.32	
TOTAL	12.53	12.24		12.66	
AVG.	2.506	2.448		2.532	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.55	3.45		
PULL #2	3.41	3.50		
PULL #3	3.42	3.52		
PULL #4	3.45	3.42		
PULL #5	3.44	3.36		
TOTAL	17.27	17.25		
AVG.	3.454	3.45		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.47	4.38		
PULL #2	4.46	4.40		
PULL #3	4.43	4.28		
PULL #4	4.40	4.24		
PULL #5	4.40	2.30		
TOTAL	22.16	21.60		
AVG.	4.432	4.32		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225196
24 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.522465
1 TO	2	.573022
1 TO	3	.689067
1 TO	4	.409158
1 TO	5	.28329

15.9
17.7 <----POA

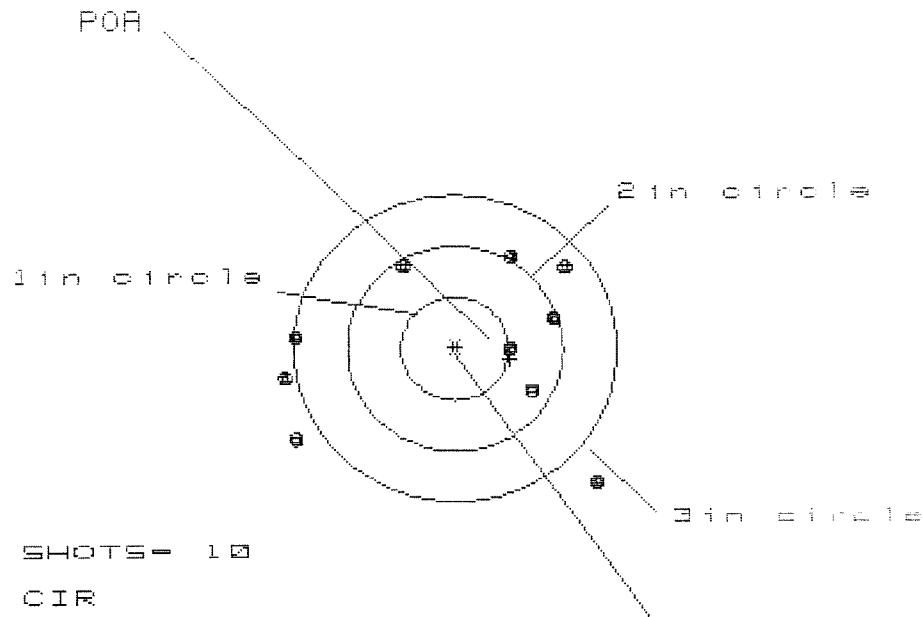
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1358
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1778
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .223729

THE AMR FOR THIS RIFLE IS: .849

23 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225198

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 6

HS= 2.818

VS= 2.257

GS= 3.124

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.270	1.194	1.028
MINIMUM X	:	-1.548	-1.407	-1.573
MAXIMUM Y	:	.913	.764	.636
MINIMUM Y	:	-1.344	-1.019	-1.716
CENTROID X	:	-.513	-.654	-.488
CENTROID Y	:	.099	.248	.376
POA TO CENTROID in.	:	.523	.700	.616
MIN RADIUS	:	.552	.703	.582
MEAN RADIUS	:	1.238	1.167	1.055
MAX RADIUS	:	1.849	1.675	1.672
HORIZONTAL SPREAD	:	2.818	2.601	2.601
VERTICAL SPREAD	:	2.257	1.783	1.352
EXTREME SPREAD	:	3.124	3.046	2.835
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	6		

23 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225196

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 1.478

VS= 2.990

GS= 2.991

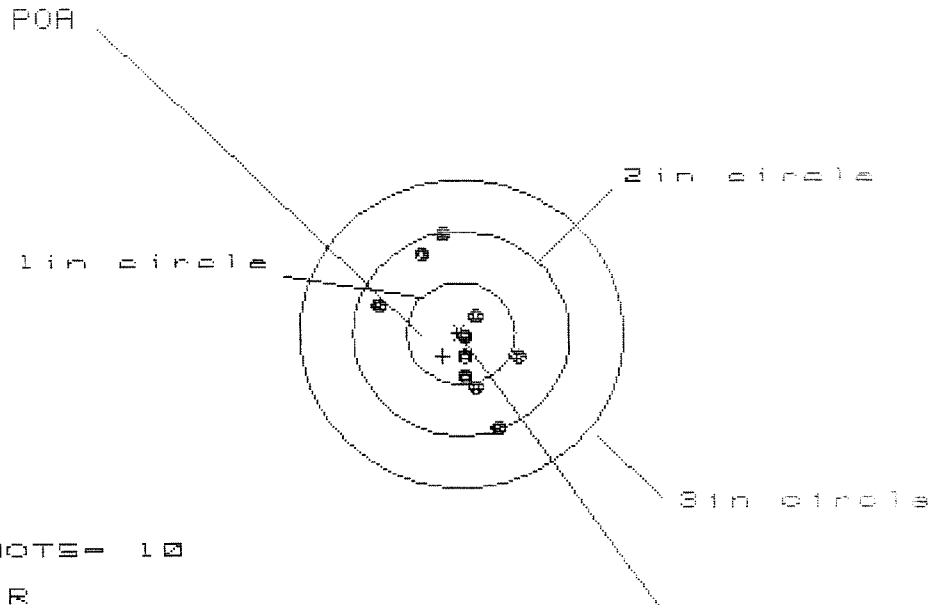
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.955	.959	.955
MINIMUM X	:	-.523	-.519	-.523
MAXIMUM Y	:	1.588	1.119	.966
MINIMUM Y	:	-1.402	-1.225	-.781
CENTROID X	:	.060	.056	.060
CENTROID Y	:	.094	-.083	.071
POA TO CENTROID in.	:	.111	.100	.093
MIN RADIUS	:	.067	.196	.072
MEAN RADIUS	:	.848	.758	.686
MAX RADIUS	:	1.589	1.226	1.234
HORIZONTAL SPREAD	:	1.478	1.478	1.478
VERTICAL SPREAD	:	2.990	2.344	1.747
EXTREME SPREAD	:	2.991	2.344	2.027
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

23 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225196

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 9

3 in = 10

HS= 1.319

VS= 1.945

GS= 2.010

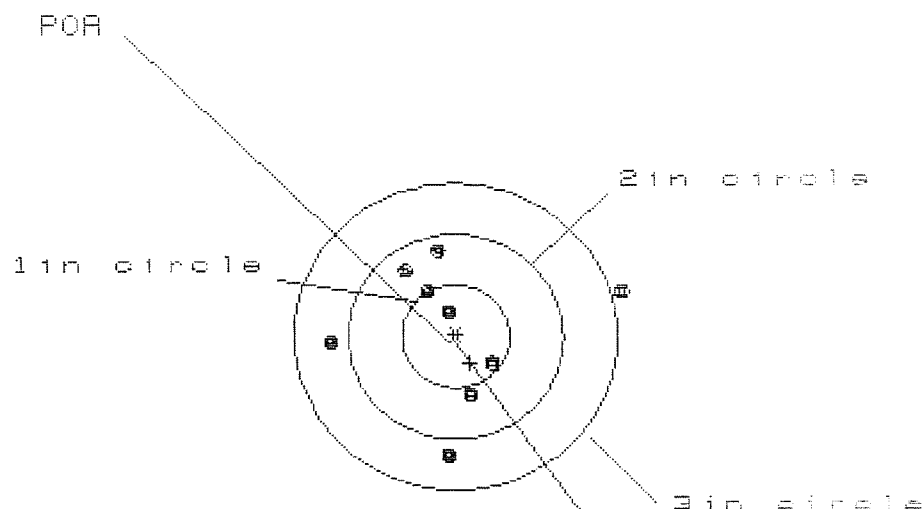
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.580	.558	.594
MINIMUM X	:	-.739	-.761	-.725
MAXIMUM Y	:	1.006	.893	.790
MINIMUM Y	:	-.939	-.827	-.492
CENTROID X	:	.165	.187	.151
CENTROID Y	:	.222	.110	.213
POA TO CENTROID in.	:	.276	.217	.261
MIN RADIUS	:	.066	.095	.078
MEAN RADIUS	:	.569	.497	.461
MAX RADIUS	:	1.026	.958	.849
HORIZONTAL SPREAD	:	1.319	1.319	1.319
VERTICAL SPREAD	:	1.945	1.720	1.282
EXTREME SPREAD	:	2.010	1.832	1.411
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

23 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225156

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.660

VS= 1.958

GS= 2.710

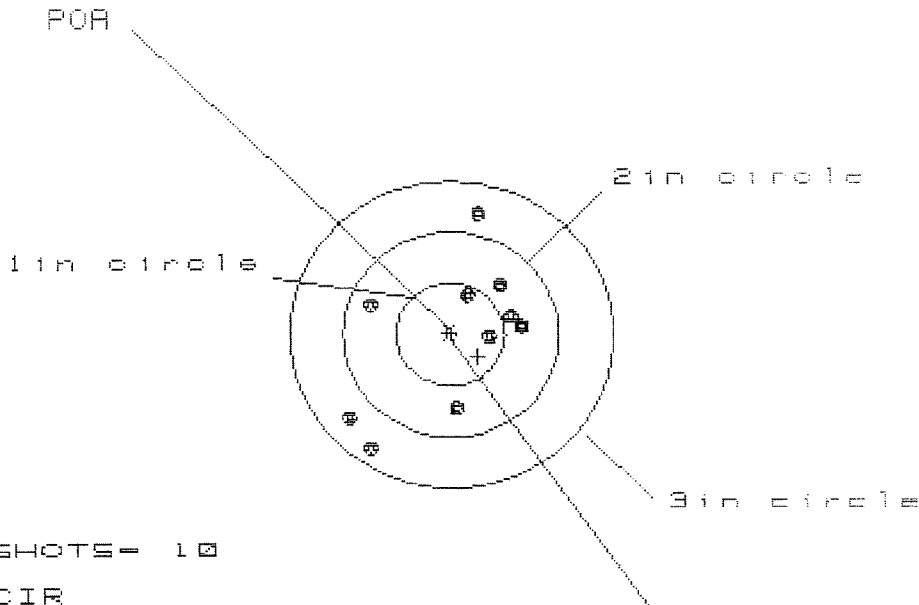
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.501	.491	.366
MINIMUM X	:	-1.159	-.992	-.392
MAXIMUM Y	:	.845	.897	.897
MINIMUM Y	:	-1.113	-1.061	-1.060
CENTROID X	:	-.136	-.303	-.178
CENTROID Y	:	.258	.206	.206
POA TO CENTROID in.	:	.291	.366	.272
MIN RADIUS	:	.297	.360	.344
MEAN RADIUS	:	.797	.709	.656
MAX RADIUS	:	1.572	1.062	1.062
HORIZONTAL SPREAD	:	2.660	1.483	.759
VERTICAL SPREAD	:	1.958	1.958	1.958
EXTREME SPREAD	:	2.710	1.958	1.958
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

23 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225196

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.671

VS= 2.278

GS= 2.504

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.702	.616	.484
MINIMUM X	:	-.969	-1.055	-.934
MAXIMUM Y	:	1.190	1.070	.952
MINIMUM Y	:	-1.087	-.938	-.926
CENTROID X	:	-.255	-.169	-.037
CENTROID Y	:	.216	.336	.454
POA TO CENTROID in.	:	.334	.376	.455
MIN RADIUS	:	.359	.252	.111
MEAN RADIUS	:	.793	.689	.539
MAX RADIUS	:	1.338	1.412	.953
HORIZONTAL SPREAD	:	1.671	1.671	1.410
VERTICAL SPREAD	:	2.278	2.008	1.878
EXTREME SPREAD	:	2.504	2.355	1.894
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

Scope S/N 88-0437

Serial Number: **C6225196**
Model: **700**



RE00008603

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-1350
- ☐ 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:

Re: **BARBER - M24 0010356**, ILLINOIS, N.Y.

Centroidal distance calculations for Rifle # c6225196
22 Jul 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.0522$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.229$
THE RESULTING AVERAGE HOT RADIUS FOR THIS RIFLE IS: $.234874$

THE AM FOR THIS RIFLE IS: 1.234

CENTROIDAL DISTANCES

TO	1	.100344
TO	2	.321218
TO	3	.0909798
TO	4	.115694
TO	5	.41944

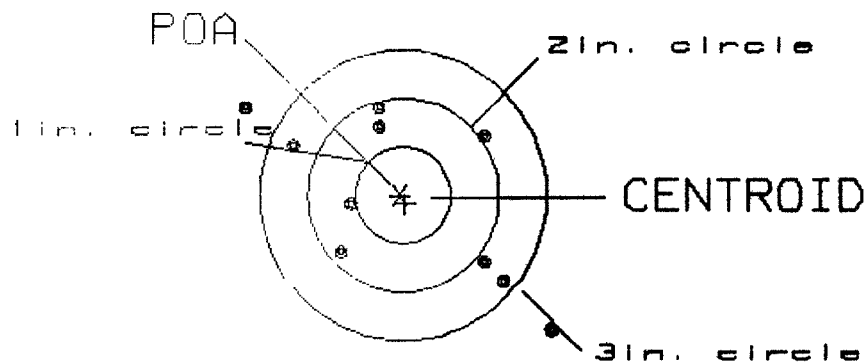
5
4 2
3 + <----POA

PATTERN #: 1
 POA CENTROID: .101
 MIN RADIUS : .545
 MEAN RADIUS : 1.199
 MAX RADIUS : 2.130
 CENTROID X : -.050
 CENTROID Y : .087

2 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225196

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HSE = 3.20

0

VSE = 2.36

4

GSE = 3.96

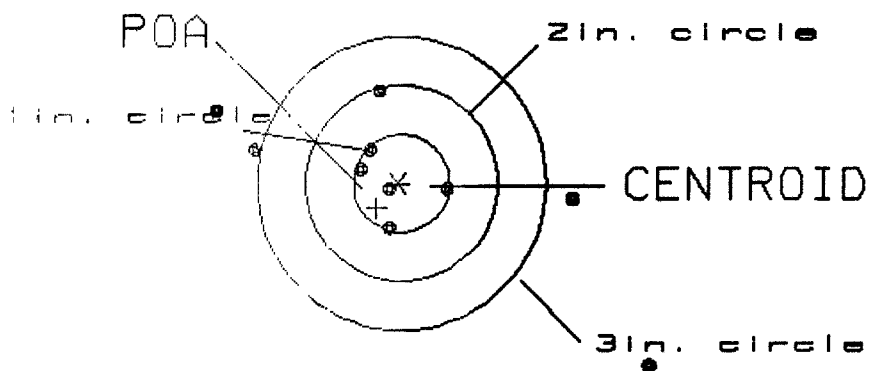
6

PATT RN #: 2
 POA 0 CENTROID. .338
 MIN RADIUS : .103
 MEAN RADIUS : 1.156
 MAX RADIUS : 3.121
 CENTROID X : .225
 CENTROID Y : .253

21 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225196

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

H= 4.52
 V= 2.74
 GS= 5.19

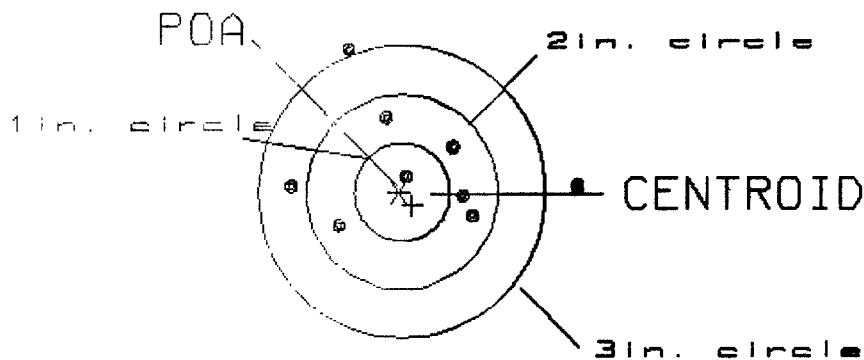
4
 6
 6

PATT RN #: 3
 POA O CENTROID: .192
 MIN RADIUS : .187
 MEAN RADIUS : 1.108
 MAX RADIUS : 2.717
 CENTROID X : -.136
 CENTROID Y : .136

2 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225196

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HP = 2.97
 VP = 3.94
 GP = 3.99

1
 6
 7

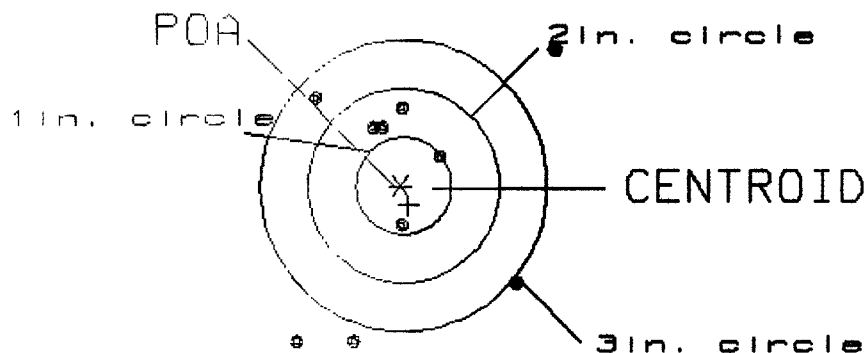
PATTERN #: 4

POA TO CENTROID: .214
 MIN RADIUS : .446
 MEAN RADIUS : 1.167
 MAX RADIUS : 2.153
 CENTROID X : -.079
 CENTROID Y : .199

2 Jul 2000

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/c6225196

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

Hs = 2.76
 US = 3.04
 GS = 4.06

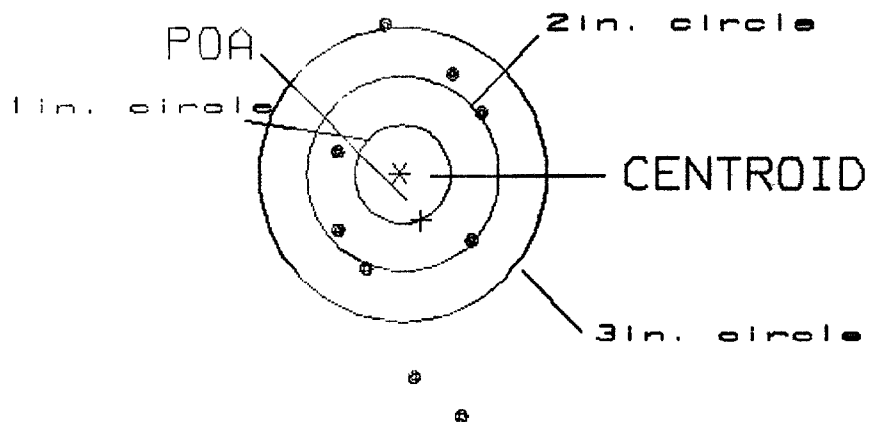
2
 5
 6

PATTERN #: 5
 POA TO CENTROID: .519
 MIN RADIUS : .716
 MEAN RADIUS : 1.539
 MAX RADIUS : 3.468
 CENTROID X : -.221
 CENTROID Y : .470

20 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225196

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

H1 = 1.68
 V1 = 5.84
 G1 = 6.05

0
 3
 6