

C6611688

MODEL 700™ M24

Model SAS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



Serial Number: C6611688
Model: 700

RE00022905

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6611688
10 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.0402$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.1252$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.131496$

THE AMR FOR THIS RIFLE IS: 1.09

CENTROIDAL DISTANCES

0 TO	1	.289166
1 TO	2	.119854
1 TO	3	.282392
1 TO	4	.368908
1 TO	5	.197314

1
253
4 + <----POA

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

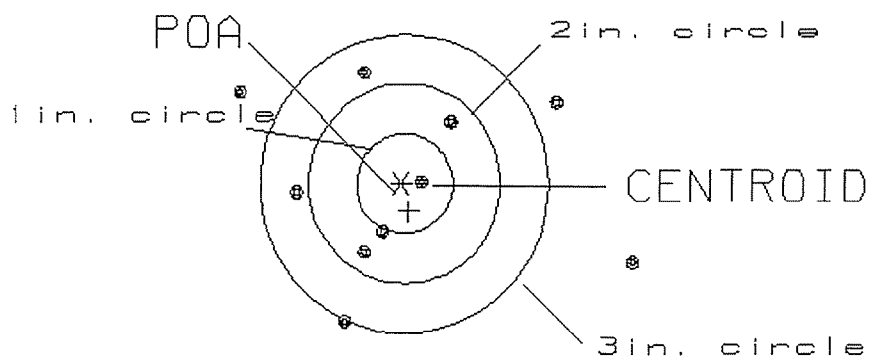
PATTERN #: 1

POA TO CENTROID: .289
 MIN RADIUS : .158
 MEAN RADIUS : 1.240
 MAX RADIUS : 2.479
 CENTROID X : -.076
 CENTROID Y : .279

10 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611688

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.09

2

VS= 2.53

4

GS= 4.42

6

REMINGTON CENTERFIRE ACCURACY TEST

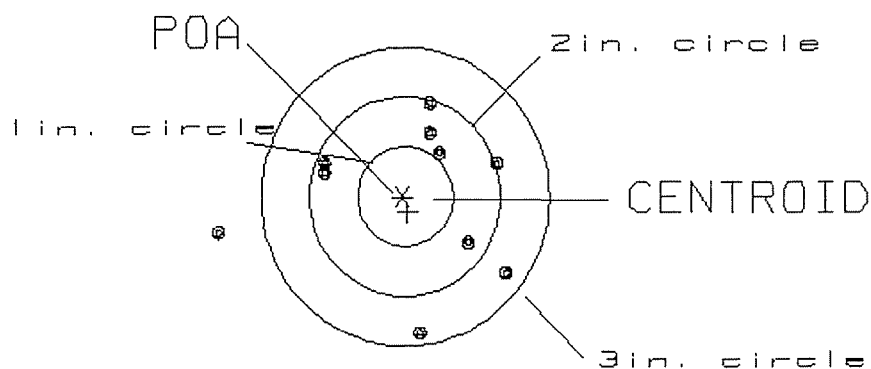
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .170
 MIN RADIUS : .579
 MEAN RADIUS : 1.052
 MAX RADIUS : 1.962
 CENTROID X : -.055
 CENTROID Y : .161

10 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611688

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.95

0

VS= 2.32

6

GS= 2.98

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

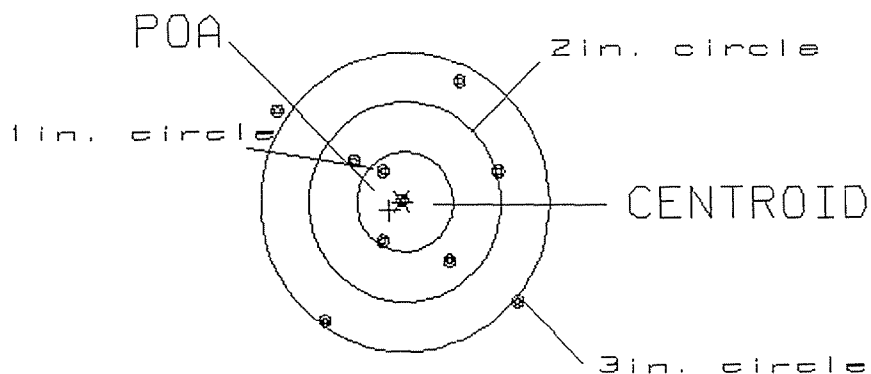
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .158
 MIN RADIUS : .040
 MEAN RADIUS : .932
 MAX RADIUS : 1.655
 CENTROID X : .132
 CENTROID Y : .088

10 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611688

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.56

3

VS= 2.40

5

GS= 3.23

8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

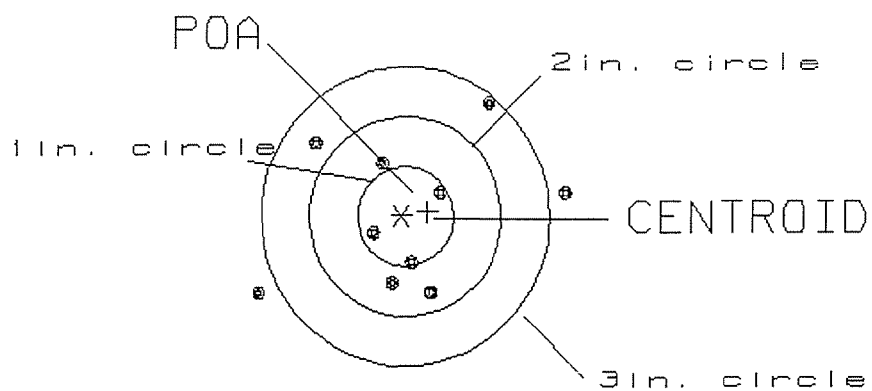
PATTERN #: 4

POA TO CENTROID: .266
 MIN RADIUS : .408
 MEAN RADIUS : .946
 MAX RADIUS : 1.739
 CENTROID X : -.263
 CENTROID Y : -.039

10 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611688

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.24
 VS= 1.98
 GS= 3.40

3
 6
 8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

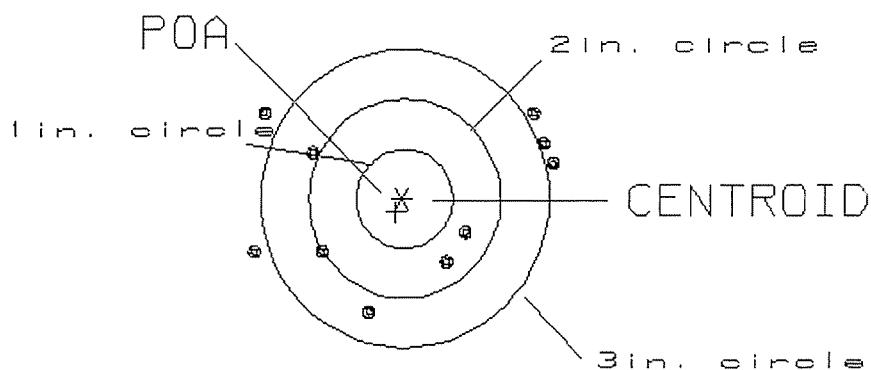
PATTERN #: 5

POA TO CENTROID: .150
 MIN RADIUS : .729
 MEAN RADIUS : 1.282
 MAX RADIUS : 1.704
 CENTROID X : .061
 CENTROID Y : .137

10 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611600

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.08
 VS= 2.02
 GS= 3.25

0
 3
 5

Remington ®		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24		SERIAL NO. C6611688	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		46	



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611688

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	2 1 9 1		RW
600	Proof	2 1 9 1		RW
607	Check Headspace	2 1 9 1		RW
610	Dis-assemble Gun	2 1 9 1		RW
612	Magnaflux Barrel Action	2 1 1 9 1		Kid
	Magnaflux Bolt	2 1 1 9 1		Kid
615	Rollmark Caliber	2 1 1 9 1		ES
617	Drill and Tap Sight Holes	2 1 3 9 1		LB
618	Polish Barrel RBB	2 1 3 9 1		WB
620	Apply Coatings (Barrel Action)		7/2/91	WB
	Apply Coating (Bolt)			WB
625	Final Assembly			
	A) Clean inside of Bolt Assembly		3/25/91	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/25/91	WB
	C) Inspect Ejector Hole for Chamfer		3/25/91	WB
	D) Oil Firing Pin Ass'y		3/25/91	WB
	E) Adjust Trigger Pull to Min Setting and Stake		4/2/91	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			4/5/91	RL
	G) Safety Off Force	2	2	2			4/5/91	RL
	H) Trigger Pull Test & Retainability						4/2/91	RL
	I) Firing Pin Indent	.022	.0235	.0235			4/5/91	RL
	J) Assemble Stock						4/8/91	RL
	K) Assemble Swivel Studs						4-10-91	DH
	L) Attach Front and Rear Sight Assemblies						4/8/91	RL
	M) Iron Sight Alignment						4/8/91	RL
	N) Detach Front & Rear Sights & place in numbered container						4/8/91	RL
	O) Attach Scope to Rifle						4/8/91	RL
	P) Detach & Attach Scope 20 Times						4/8/91	RL
640	Gallery Target & Test						4-8-91	DH
	A) Time						4-8-91	DH
	B) Malfunctions						4-8-91	DH
	C) Pierced Primers						4-8-91	DH
	D) Optical Clarity of Scope						4-8-91	DH
645	Inspect for Live Ammo						4-8-91	DH
655	Final Inspection						4-10-91	DH
	A) Headspace							
	B) Trigger Pull	2.35	2.43	2.47	2.49	2.38	4/10/91	RL
	C) Function						4-10-91	DH
660	Pack						4-10-91	N-

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6611688

DATE 4/2/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.32	2.35	2.35	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.22	2.40	2.43	
PULL #3	2.39	2.34	2.36	2.47	
PULL #4	2.34	2.34	2.38	2.49	
PULL #5	2.33	2.36	2.30	2.38	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.39		
PULL #2	3.36	3.40		
PULL #3	3.38	3.42		
PULL #4	3.37	3.38		
PULL #5	3.39	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.32		4.28
PULL #2	4.18	4.19		4.33
PULL #3	4.20	4.26		4.12
PULL #4	4.19	4.31		4.24
PULL #5	4.31	4.20		4.24
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611688
8 Apr 1991

CENTROIDAL DISTANCES

0 TO 1	.254372
1 TO 2	.378227
1 TO 3	.323348
1 TO 4	.166433
1 TO 5	.277406



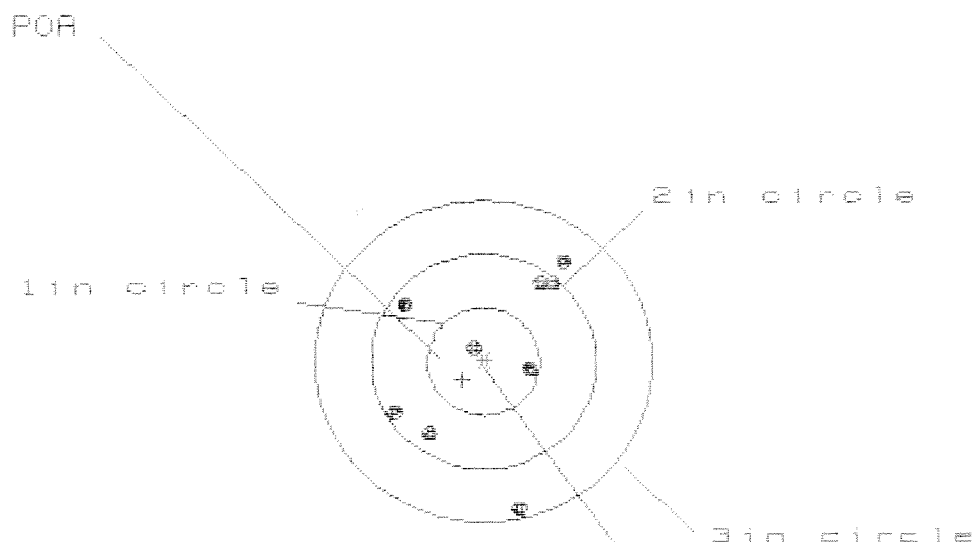
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0114
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0836
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0843737
THE AMR FOR THIS RIFLE IS: .8466

8 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C86116B8

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.522

VS= 2.236

GS= 2.261

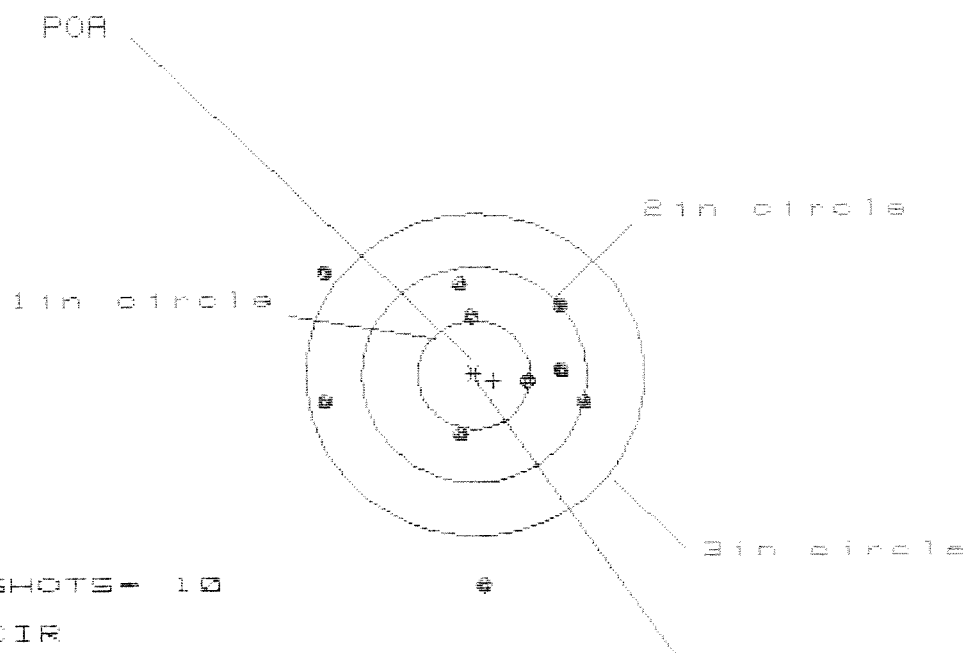
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.731	.771	.701
MINIMUM X	-.791	-.751	-.655
MAXIMUM Y	.905	.757	.695
MINIMUM Y	-1.325	-.789	-.694
CENTROID X	.191	.151	.055
CENTROID Y	.168	.316	.221
POA TO CENTROID in.	.255	.350	.228
MIN RADIUS	.205	.090	.107
MEAN RADIUS	.839	.762	.714
MAX RADIUS	1.373	1.081	.981
HORIZONTAL SPREAD	1.522	1.522	1.356
VERTICAL SPREAD	2.236	1.546	1.389
EXTREME SPREAD	2.261	2.029	1.794
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

8 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CBB11688

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 8

HS = 2.360

VS = 2.923

GS = 3.241

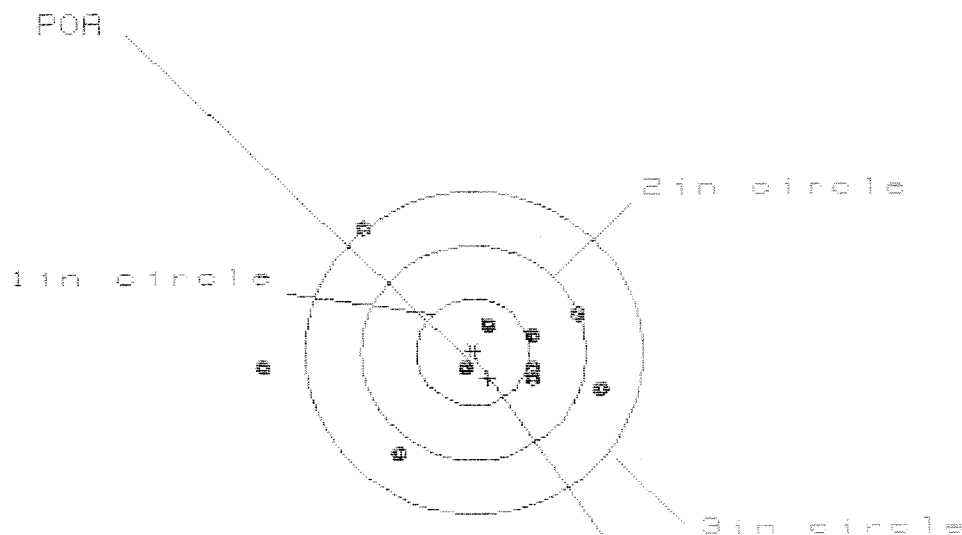
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.980	.982	.810
MINIMUM X	-1.380	-1.378	-1.512
MAXIMUM Y	.947	.728	.719
MINIMUM Y	-1.976	-1.748	-1.657
CENTROID X	-.169	-.171	.001
CENTROID Y	.052	.271	.180
POA TO CENTROID in.	.177	.321	.180
MIN RADIUS	.436	.361	.335
MEAN RADIUS	1.021	.891	.770
MAX RADIUS	1.976	1.558	1.554
HORIZONTAL SPREAD	2.360	2.360	2.322
VERTICAL SPREAD	2.923	1.476	1.376
EXTREME SPREAD	3.241	2.642	2.322
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

6 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C66116B8

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.024

VS= 2.056

GS= 3.030

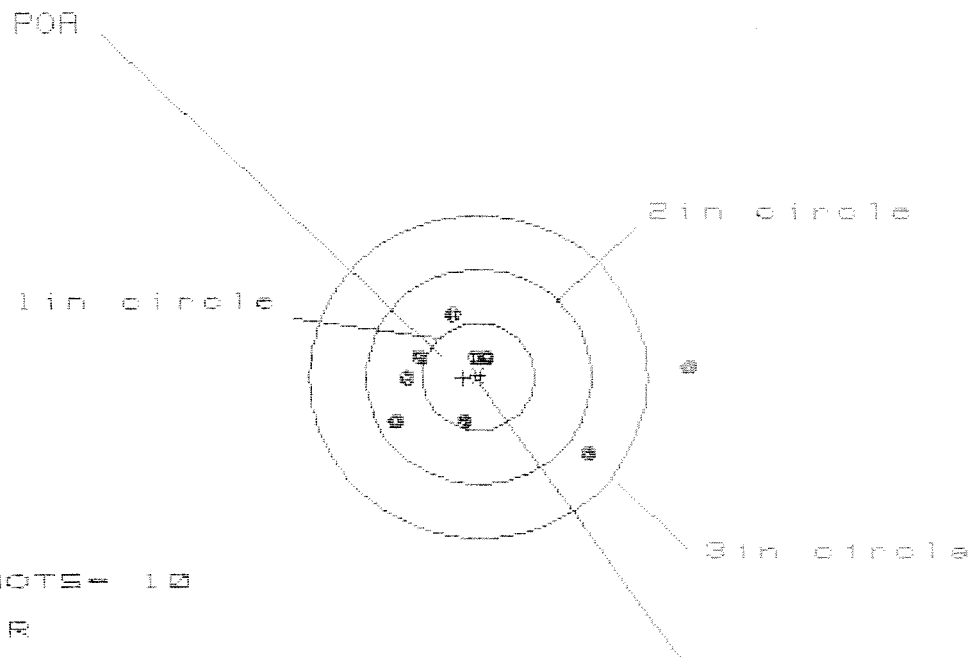
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.127	.917	.764
MINIMUM X	:	-1.897	-1.224	-1.082
MAXIMUM Y	:	1.131	1.113	.480
MINIMUM Y	:	-.925	-.943	-.004
CENTROID X	:	-.124	.086	.239
CENTROID Y	:	.241	.259	.120
POA TO CENTROID in.	:	.271	.273	.268
MIN RADIUS	:	.161	.291	.152
MEAN RADIUS	:	.885	.713	.556
MAX RADIUS	:	1.984	1.654	1.348
HORIZONTAL SPREAD	:	3.024	2.141	1.846
VERTICAL SPREAD	:	2.056	2.056	1.284
EXTREME SPREAD	:	3.030	2.611	2.066
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611668

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.610

VS= 1.295

GS= 2.648

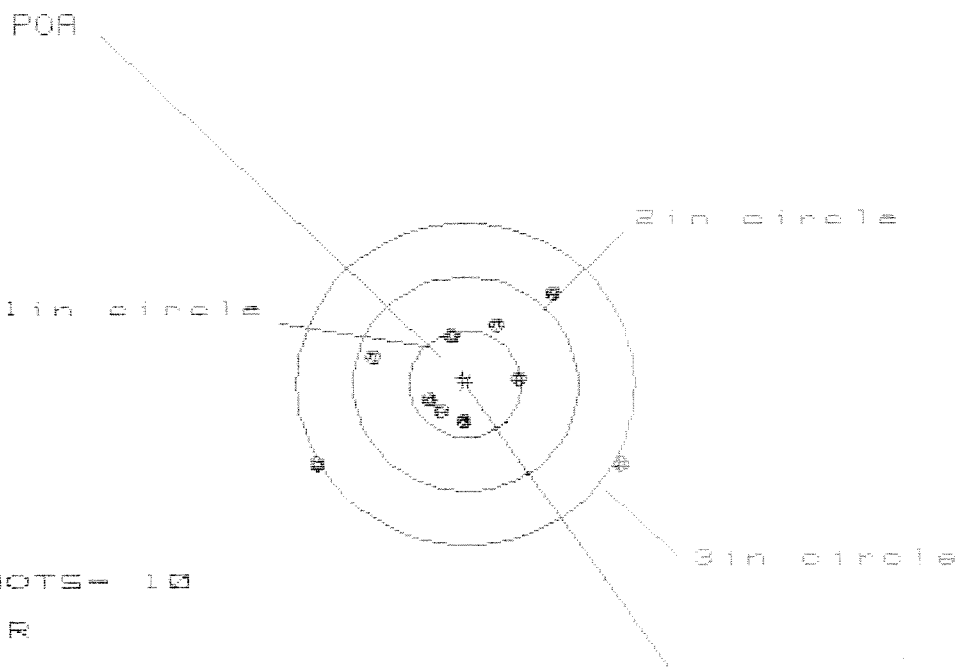
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.869	1.215	.432
MINIMUM X	:	-.741	-.534	-.382
MAXIMUM Y	:	.591	.600	.513
MINIMUM Y	:	-.704	-.695	-.483
CENTROID X	:	.133	-.074	-.226
CENTROID Y	:	.012	.003	.090
POA TO CENTROID in.	:	.134	.074	.243
MIN RADIUS	:	.179	.254	.175
MEAN RADIUS	:	.724	.544	.395
MAX RADIUS	:	1.870	1.400	.585
HORIZONTAL SPREAD	:	2.610	1.749	.814
VERTICAL SPREAD	:	1.295	1.295	.996
EXTREME SPREAD	:	2.648	1.839	1.075
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611688

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 2.620

VS= 1.567

GS= 2.620

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.327	.929	.786
MINIMUM X	:	-1.293	-1.145	-.801
MAXIMUM Y	:	.829	.746	.647
MINIMUM Y	:	-.739	-.795	-.573
CENTROID X	:	.026	-.122	.021
CENTROID Y	:	-.055	.028	.127
POA TO CENTROID in.	:	.060	.125	.129
MIN RADIUS	:	.280	.293	.314
MEAN RADIUS	:	.764	.665	.572
MAX RADIUS	:	1.519	1.394	1.018
HORIZONTAL SPREAD	:	2.620	2.074	1.587
VERTICAL SPREAD	:	1.567	1.541	1.220
EXTREME SPREAD	:	2.620	2.584	1.675
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	