

C6611697

MODEL 700™ M24

Model S&S™

Action _____

Barrel Length _____

Capacity _____

Order No. 5716

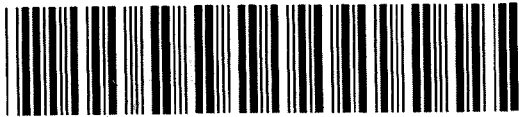
*Includes 1 in chamber.



[illegible]

C66 1 1 697

Model: 700



RE00022904

BARBER - M24 0034468

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6611697
11 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1212
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0894
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .150605

THE AMR FOR THIS RIFLE IS: 1.115

CENTROIDAL DISTANCES

0 TO	1	.152555
1 TO	2	.238537
1 TO	3	.247002
1 TO	4	.320782
1 TO	5	.176139

$\frac{3^5}{4^2}$ <----POA

REMINGTON CENTERFIRE ACCURACY TEST

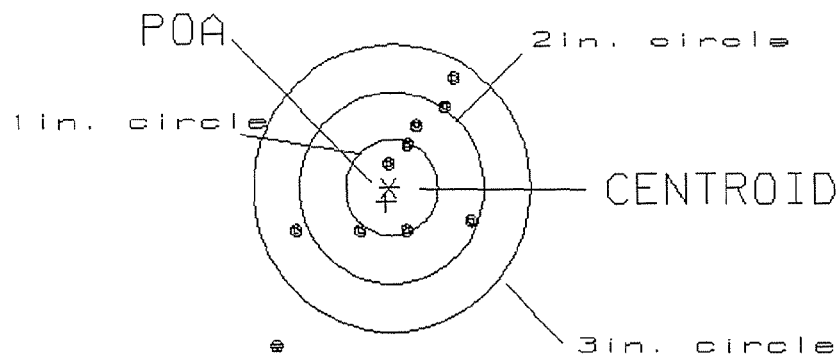
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1
 POA TO CENTROID: .153
 MIN RADIUS : .281
 MEAN RADIUS : .904
 MAX RADIUS : 2.028
 CENTROID X : .037
 CENTROID Y : .148

11 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611697

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.08

2

VS= 2.79

6

GS= 3.37

9

REMINGTON CENTERFIRE ACCURACY TEST

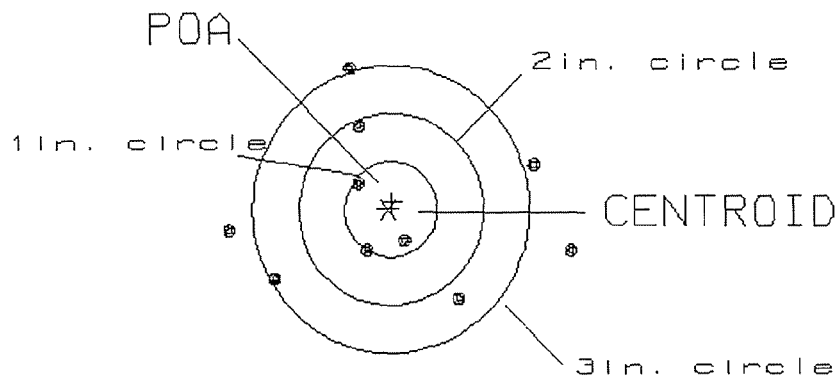
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
 POA TO CENTROID: .088
 MIN RADIUS : .391
 MEAN RADIUS : 1.180
 MAX RADIUS : 1.981
 CENTROID X : -.045
 CENTROID Y : -.076

11 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611697

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.68
 VS= 2.43
 GS= 3.68

2
 4
 6

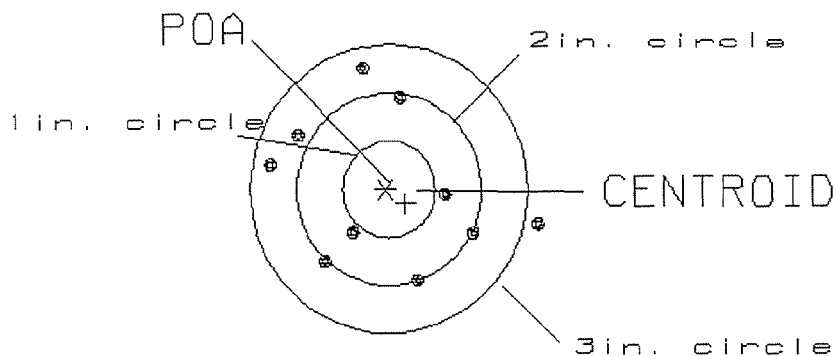
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .257
 MIN RADIUS : .567
 MEAN RADIUS : 1.041
 MAX RADIUS : 1.690
 CENTROID X : -.210
 CENTROID Y : .149

11 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611697

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.94
 VS= 2.14
 GS= 3.01

0
 5
 9

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .259

MIN RADIUS : .758

MEAN RADIUS : 1.239

MAX RADIUS : 1.687

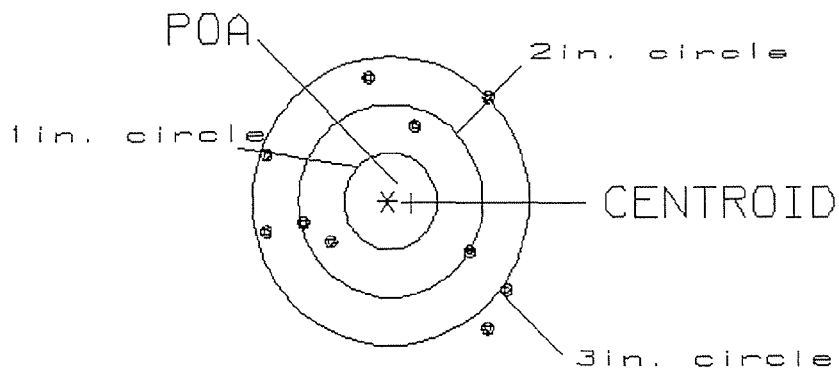
CENTROID X : -.258

CENTROID Y : .022

11 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611697

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.63

0

VS= 2.53

3

GS= 3.02

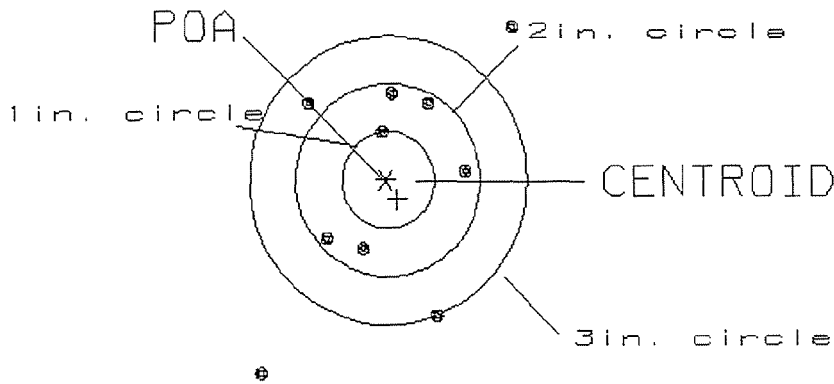
7

PATTERN #: 5
 POA TO CENTROID: .242
 MIN RADIUS : .552
 MEAN RADIUS : 1.211
 MAX RADIUS : 2.447
 CENTROID X : -.130
 CENTROID Y : .204

11 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611697

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.65

0

VS= 3.64

6

GS= 4.51

8

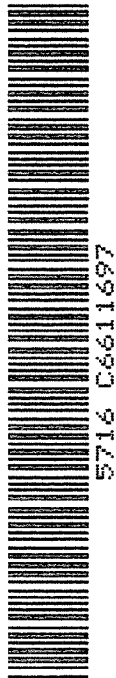
Remington® **DU PONT**®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

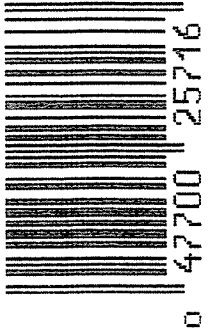
MADE IN ILION, N.Y., U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

SERIAL NO. C6611697	ORDER NO. 5716
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UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611697

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	2 1	91	RW
600	Proof	2 1	91	RW
607	Check Headspace	2 1	91	RW
610	Dis-assemble Gun	2 1	91	RW
612	Magnaflux Barrel Action	2 1 1	91	Kcd
	Magnaflux Bolt	2 1 1	91	Kcd
615	Rollmark Caliber	2 1 1	91	GS
617	Drill and Tap Sight Holes	2 1 3	91	LB
618	Polish Barrel <i>RBB</i>	2 1 3	91	WB
620	Apply Coatings (Barrel Action)		3/25/91	JA
	Apply Coating (Bolt)			
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		4/9/91	JA

op. #	BARBER - M24 0034476 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/9/91	JF
	G) Safety Off Force	3	3	3			4/9/91	JF
	H) Trigger Pull Test & Retainability						4/9/91	JF
	I) Firing Pin Indent	.023	.023	.023			4/9/91	JF
	J) Assemble Stock						4/9/91	RW
	K) Assemble Swivel Studs						4-17-91	A
	L) Attach Front and Rear Sight Assemblies						4/9/91	RW
	M) Iron Sight Alignment						4/9/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/9/91	RW
	O) Attach Scope to Rifle						4/9/91	RW
	P) Detach & Attach Scope 20 Times						4/9/91	RW
640	Gallery Target & Test						4-11-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						4-11-91	NF
655	Final Inspection							
	A) Headspace						4-17-91	K
	B) Trigger Pull	2.23	2.27	2.32	2.36	2.38	4/16/91	JF
	C) Function						4-17-91	K
660	Pack						6-17-91	NF

STAT

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO.

C6611697

DATE

4/9/91

TESTER

JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.28	2.45	2.23	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.20	2.48	2.27	
PULL #3	2.33	2.27	2.40	2.32	
PULL #4	2.33	2.28	2.48	2.36	
PULL #5	2.29	2.46	2.41	2.38	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.24		
PULL #2	3.54	3.30		
PULL #3	3.28	3.19		
PULL #4	3.22	3.28		
PULL #5	3.14	3.32		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.26		4.43
PULL #2	4.28	4.18		4.51
PULL #3	4.36	4.25		4.36
PULL #4	4.39	4.27		4.52
PULL #5	4.30	4.16		4.51
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611697
11 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.0701783
1 TO	2	.289947
1 TO	3	.182483
1 TO	4	.158446
1 TO	5	.216301

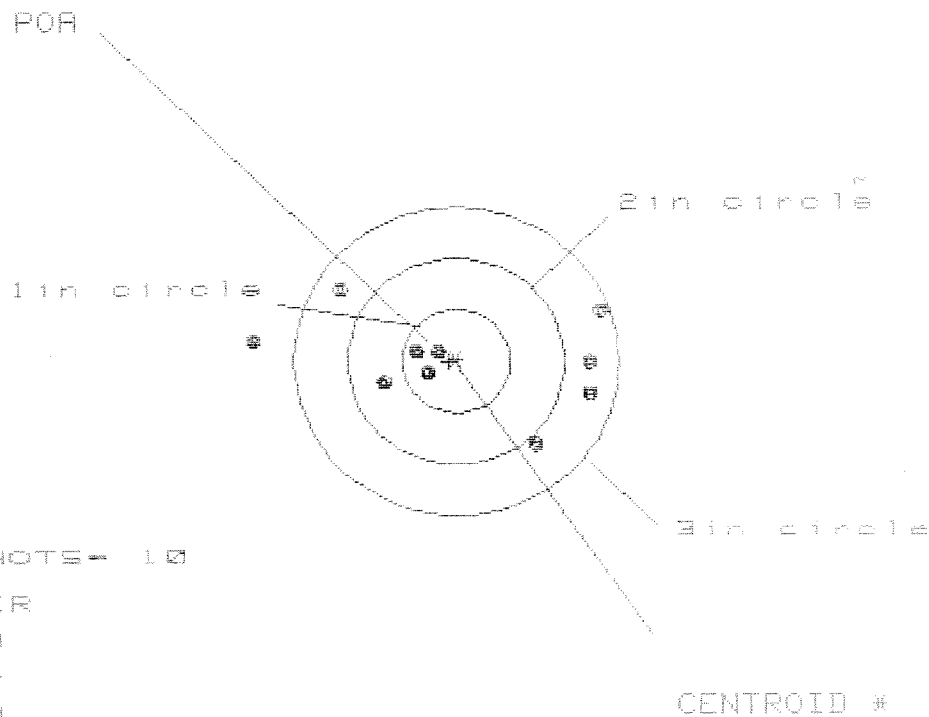
⊙ ----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0006
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0672
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0672827
THE AMR FOR THIS RIFLE IS: .9046

11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611697

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 4

3in = 9

HS= 3.165

VS= 1.499

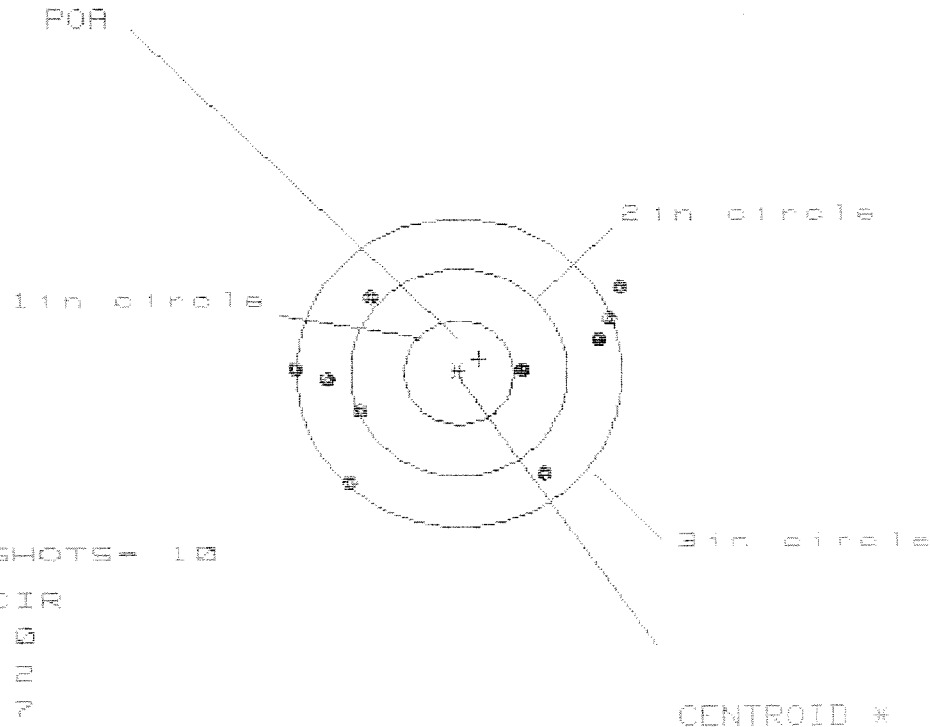
GS= 3.179

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.319	1.114	1.166
MINIMUM X	-1.846	-1.256	-1.117
MAXIMUM Y	.710	.726	.784
MINIMUM Y	-.789	-.773	-.715
CENTROID X	.070	.275	.136
CENTROID Y	.005	-.011	-.069
POA TO CENTROID in.	.070	.275	.152
MIN RADIUS	.208	.411	.299
MEAN RADIUS	.970	.898	.821
MAX RADIUS	1.852	1.451	1.365
HORIZONTAL SPREAD	3.165	2.370	2.283
VERTICAL SPREAD	1.499	1.499	1.499
EXTREME SPREAD	3.179	2.501	2.501
NUMBER IN ONE INCH CIRCLE	= 3		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 9		

11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611697

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 0

2in = 2

3in = 7

HS= 3.050

VS= 1.952

GS= 3.236

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.522	1.536	1.365
MINIMUM X	:	-1.536	-1.367	-1.264
MAXIMUM Y	:	.852	.851	.871
MINIMUM Y	:	-1.100	-1.005	-.985
CENTROID X	:	-.185	-.354	-.183
CENTROID Y	:	-.133	-.228	-.248
POA TO CENTROID in.	:	.228	.421	.308
MIN RADIUS	:	.602	.775	.609
MEAN RADIUS	:	1.278	1.210	1.183
MAX RADIUS	:	1.744	1.658	1.510
HORIZONTAL SPREAD	:	3.058	2.903	2.629
VERTICAL SPREAD	:	1.952	1.856	1.856
EXTREME SPREAD	:	3.236	2.940	2.922
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		7	

11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611697

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 10

3 in = 10

HS = 1.767

VS = 1.295

GS = 1.806

CENTROID *

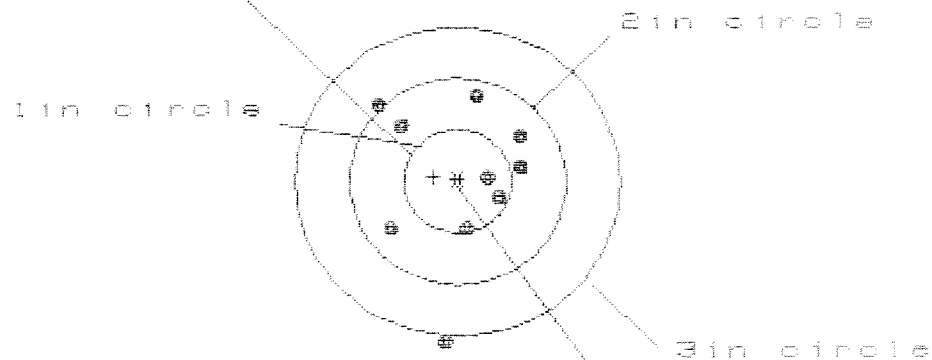
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.851	.749	.760
MINIMUM X	:	-.916	-.868	-.774
MAXIMUM Y	:	.630	.673	.679
MINIMUM Y	:	-.665	-.622	-.616
CENTROID X	:	-.110	-.088	-.102
CENTROID Y	:	.035	-.008	-.014
POA TO CENTROID in.	:	.115	.011	.103
MIN RADIUS	:	.278	.173	.244
MEAN RADIUS	:	.678	.623	.613
MAX RADIUS	:	.993	.901	.810
HORIZONTAL SPREAD	:	1.767	1.617	1.534
VERTICAL SPREAD	:	1.295	1.295	1.295
EXTREME SPREAD	:	1.806	1.644	1.535
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

01 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8511697

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 1.275

VS= 2.371

GS= 2.388

CENTROID *

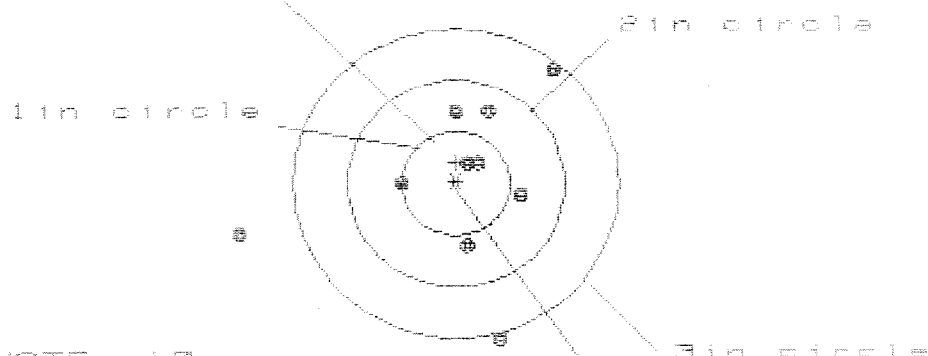
PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.587	.569	.481
MINIMUM X	-.688	-.706	-.732
MAXIMUM Y	.836	.665	.738
MINIMUM Y	-1.535	-.676	-.603
CENTROID X	.221	.239	.327
CENTROID Y	-.043	.128	.055
POA TO CENTROID in.	.225	.271	.331
MIN RADIUS	.314	.341	.229
MEAN RADIUS	.742	.641	.577
MAX RADIUS	1.543	.913	.930
HORIZONTAL SPREAD	1.275	1.275	1.213
VERTICAL SPREAD	2.371	1.341	1.341
EXTREME SPREAD	2.388	1.514	1.514
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06011697

CENTERFIRE PATTERNS # 5

POR



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 2.905

VS= 2.555

GS= 3.309

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.899
MINIMUM X	-2.006
MAXIMUM Y	1.055
MINIMUM Y	-1.500
CENTROID X	.001
CENTROID Y	-.200
POR TO CENTROID in.	.200
MIN RADIUS	.221
MEAN RADIUS	.855
MAX RADIUS	2.075
HORIZONTAL SPREAD	2.905
VERTICAL SPREAD	2.555
EXTREME SPREAD	3.309
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	7
NUMBER IN THREE INCH CIRCLE	8