

C6225217

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington[®]

Closed 9/28/93 8:42:16 AM

Received From

Colony US

Close



自強社

RE00014581

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

R & E NUMBER		14581	
SERIAL NUMBER		C6225217	
LOG-IN DATE		9-27-00	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-11-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-26-00	CK
605	CHECK HEADSPACE	10-26-00	CK
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-27-00	CK
655	FINAL INSPECT	11-27-00	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

S.D. C6225217

DATE REC'D: 9-27-00

DATE RET'D:

Auditor: CLK

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

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:

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

BARBER - M24 0010802

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225217
15 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.3468$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.067$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.353213$

THE AMR FOR THIS RIFLE IS: 1.252

CENTROIDAL DISTANCES

Ø TO	1	.523704
1 TO	2	.461027
1 TO	3	.190011
1 TO	4	1.04141
1 TO	5	1.07993

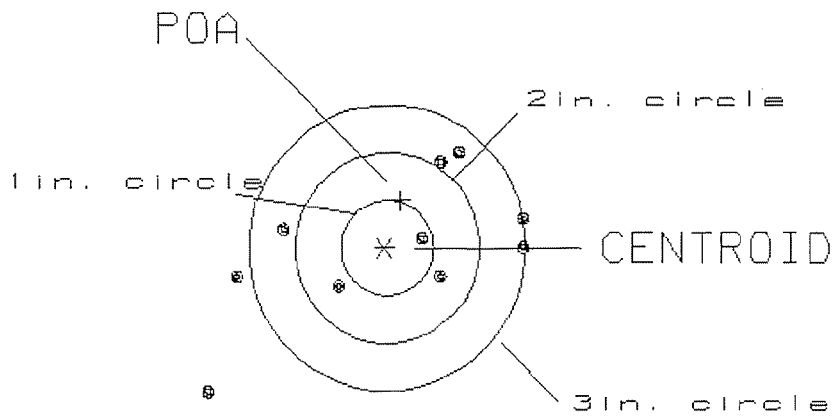
		5	
	4		
		2 +	<----POA
		1 3	

PATTERN #: L 1 C
 POA TO CENTROID: .524
 MIN RADIUS : .348
 MEAN RADIUS : 1.202
 MAX RADIUS : 2.459
 CENTROID X : -.171
 CENTROID Y : -.495

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225217.1.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.42

1

VS= 2.49

3

GS= 3.83

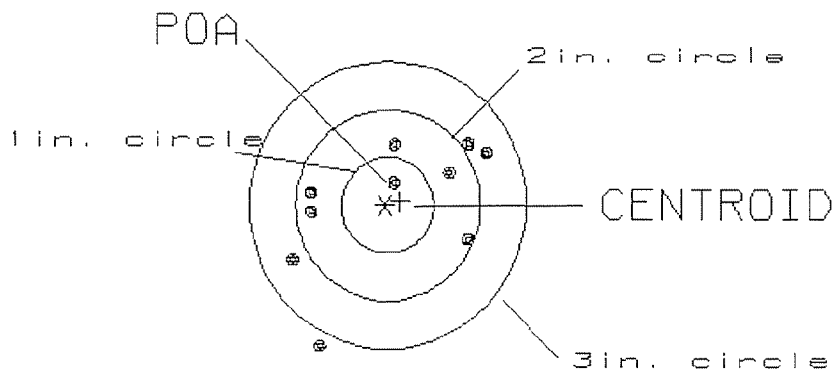
6

PATTERN #: 2
 POA TO CENTROID: .169
 MIN RADIUS : .257
 MEAN RADIUS : .936
 MAX RADIUS : 1.656
 CENTROID X : -.166
 CENTROID Y : -.034

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225217.1.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.08

1

VS= 2.08

6

GS= 2.66

9

BARBER - M24 0010805

REMINGTON CENTERFIRE ACCURACY TEST

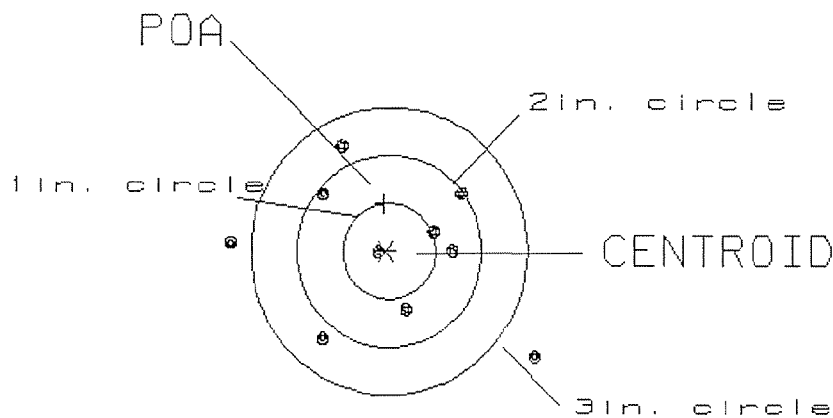
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .497
MIN RADIUS : .075
MEAN RADIUS : .983
MAX RADIUS : 1.892
CENTROID X : .019
CENTROID Y : -.497

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225217.1.1

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 3.32

1

VS= 2.14

5

GS= 3.52

8

BARBER - M24 0010806

REMINGTON CENTERFIRE ACCURACY TEST

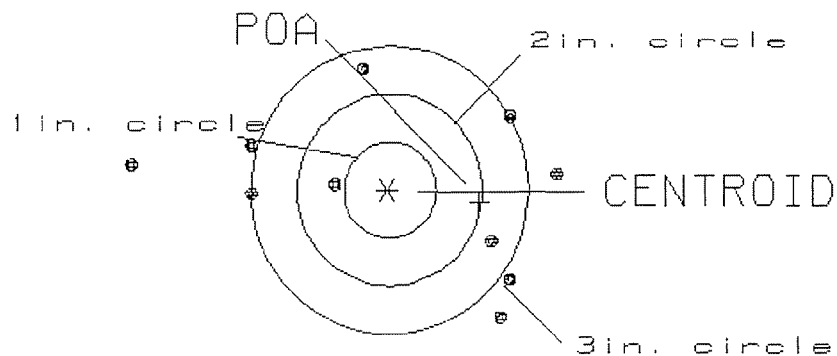
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4

POA TO CENTROID: 1.010
MIN RADIUS : .649
MEAN RADIUS : 1.582
MAX RADIUS : 2.851
CENTROID X : -1.001
CENTROID Y : .134

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225217.1.1

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

H3= 4.66

0

V5= 2.62

1

G5= 4.66

4

BARBER - M24 0010807

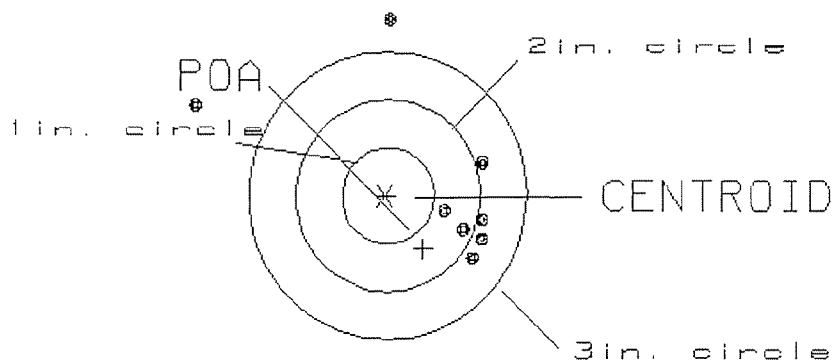
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 050
POA TO CENTROID: .694
MIN RADIUS : .621
MEAN RADIUS : 1.559
MAX RADIUS : 4.491
CENTROID X : -.415
CENTROID Y : .557

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225217.1.1

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 5.47

0

VS= 2.71

2

GS= 5.58

7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225217

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	4 21 89	RW
600	Proof		4 21 89	RW
607	Check Headspace		4 21 89	RW
610	Dis-assemble Gun		4 21 89	RW
612	Magnaflux Barrel Action		4/26	KCR
	Magnaflux Bolt		4/27	KCR
615	Rollmark Caliber		4/27	SS
617	Drill and Tap Sight Holes	4 27	89	WB
618	Polish Barrel RB	4 27	89	BT
620	Apply Coatings (Barrel Action)		5/28/89	TS
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/18/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/18/89	RW
	C) Inspect Ejector Hole for Chamfer		5/18/89	RW
	D) Oil Firing Pin Ass'y		5/18/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/26/89	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5/26/89	RW
	G) Safety Off Force	4	4	4			5/26/89	RW
	H) Trigger Pull Test & Retainability						5/26/89	WB
	I) Firing Pin Indent	.021	.021	.021			5/26/89	RW
	J) Assemble Stock						5/31/89	RW
	K) Assemble Swivel Studs						10/1/89	JD
	L) Attach Front and Rear Sight Assemblies						5/31/89	RW
	M) Iron Sight Alignment						5/31/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/31/89	RW
	O) Attach Scope to Rifle						5/31/89	JD
	P) Detach & Attach Scope 20 Times						5/31/89	JD
640	Gallery Target & Test	67 R	84 L				5/31/89	DH
	A) Time						5/31/89	DH
	B) Malfunctions						5/31/89	DH
	C) Pierced Primers						5/31/89	DH
	D) Optical Clarity of Scope						5/31/89	DH
645	Inspect for Live Ammo						5/31/89	DH
655	Final Inspection							
	A) Headspace						10/1/89	JD
	B) Trigger Pull	2.27	2.37	2.43	2.36	2.41	10/1/89	JD
	C) Function						10/1/89	JD
660	Pack						10/1/89	JD

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 5217
~~C6348790~~

DATE 20 Oct 89

TESTER JLH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.31	2.42	2.73	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.28	2.33	2.75	
PULL #3	2.36	2.26	2.35	2.71	
PULL #4	2.39	2.28	2.30	2.82	
PULL #5	2.47	2.31	2.29	2.73	
TOTAL	11.90	11.44	11.69	13.74	
AVG.	2.38	2.288	2.338	2.748	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.27		
PULL #2	3.30	3.26		
PULL #3	3.26	3.28		
PULL #4	3.23	3.24		
PULL #5	3.26	3.27		
TOTAL	16.46	16.32		
AVG.	3.292	3.264		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.18		4.24
PULL #2	4.19	4.20		4.26
PULL #3	4.15	4.18		4.27
PULL #4	4.18	4.20		4.26
PULL #5	4.20	4.19		4.23
TOTAL	21.02	20.95		21.26
AVG.	4.204	4.19		4.252

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225217
1 Jun 1989

CENTROIDAL DISTANCES

0 TO	1	.633925
1 TO	2	.745268
1 TO	3	.832332
1 TO	4	.305144
1 TO	5	.424438

$\begin{matrix} 5 \\ 4 \\ 3 \\ 2 \end{matrix} \begin{matrix} 1 \\ 1 \\ 1 \\ 1 \end{matrix}$ <----POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2844
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1224
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .309621
THE AMR FOR THIS RIFLE IS: .9256

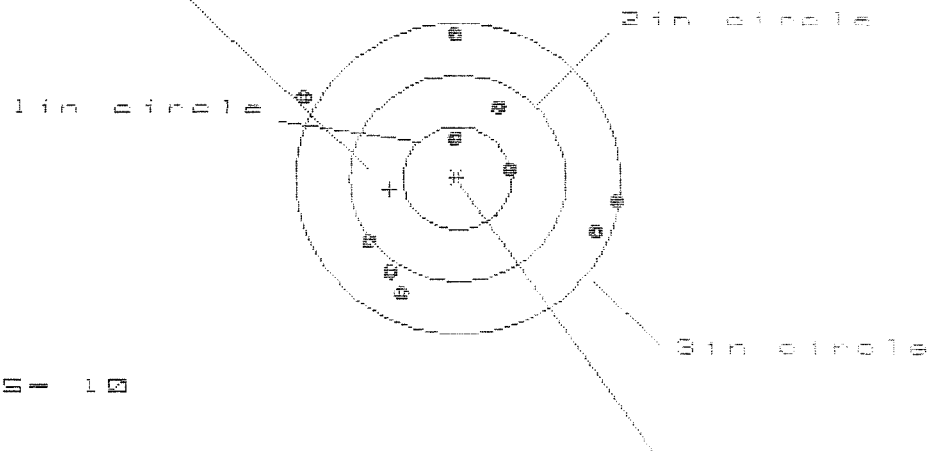
31 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/05225217

CENTERFIRE PATTERNS

1

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 3

3 in = 5

HS= 2.949

VS= 2.440

GS= 3.129

CENTROID #

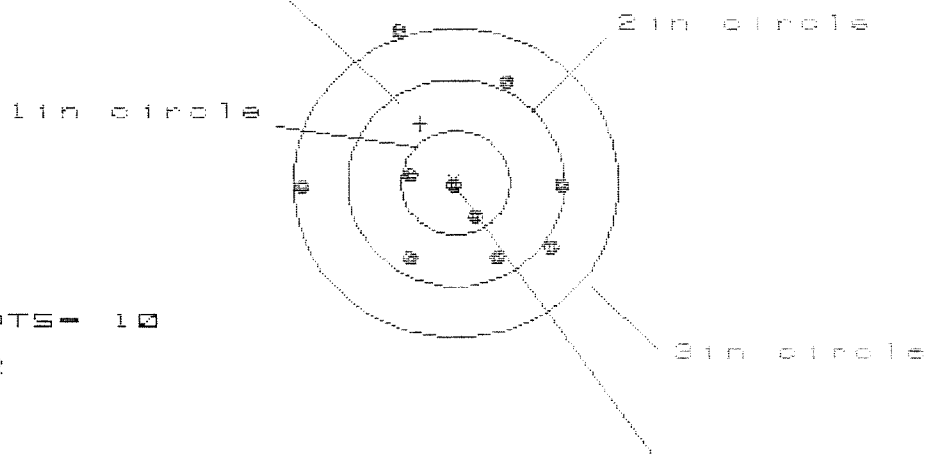
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.476	1.313	1.258
MINIMUM X	-1.472	-1.027	-0.863
MAXIMUM Y	1.379	1.471	1.455
MINIMUM Y	-1.061	-0.969	-0.985
CENTROID X	.625	.789	.625
CENTROID Y	.106	.014	.030
POA TO CENTROID in.	.634	.789	.626
MIN RADIUS	.380	.314	.456
MEAN RADIUS	1.085	1.006	.963
MAX RADIUS	1.690	1.487	1.456
HORIZONTAL SPREAD	2.949	2.340	2.121
VERTICAL SPREAD	2.440	2.440	2.440
EXTREME SPREAD	3.129	2.481	2.481
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	5		

31 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225217

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.342

VS= 2.195

GS= 2.510

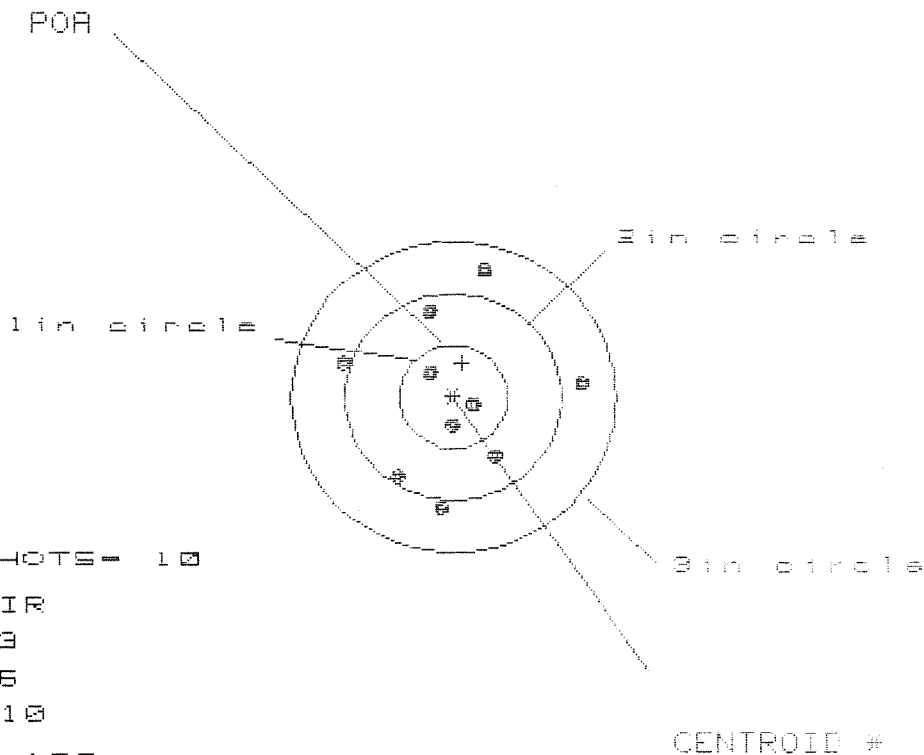
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.952	.892	.711
MINIMUM X	:	-1.390	-1.450	-.784
MAXIMUM Y	:	1.470	1.098	1.110
MINIMUM Y	:	-.725	-.562	-.550
CENTROID X	:	.320	.380	.561
CENTROID Y	:	-.574	-.737	-.749
POA TO CENTROID in.	:	.657	.829	.935
MIN RADIUS	:	.048	.201	.200
MEAN RADIUS	:	.853	.754	.661
MAX RADIUS	:	1.565	1.453	1.131
HORIZONTAL SPREAD	:	2.342	2.342	1.415
VERTICAL SPREAD	:	2.195	1.660	1.660
EXTREME SPREAD	:	2.510	2.342	1.823
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

31 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225217

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 2.187

VS= 2.307

GS= 2.352

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.198	1.233	.554
MINIMUM X	:	-.989	-.954	-.799
MAXIMUM Y	:	1.206	.963	.999
MINIMUM Y	:	-1.101	-.967	-.931
CENTROID X	:	-.084	-.119	-.273
CENTROID Y	:	-.330	-.464	-.500
POA TO CENTROID in.	:	.340	.479	.570
MIN RADIUS	:	.177	.142	.216
MEAN RADIUS	:	.776	.707	.644
MAX RADIUS	:	1.247	1.267	.999
HORIZONTAL SPREAD	:	2.187	2.187	1.354
VERTICAL SPREAD	:	2.307	1.930	1.930
EXTREME SPREAD	:	2.352	2.194	1.931
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

31 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225217

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 9

HS = 2.172

VS = 2.015

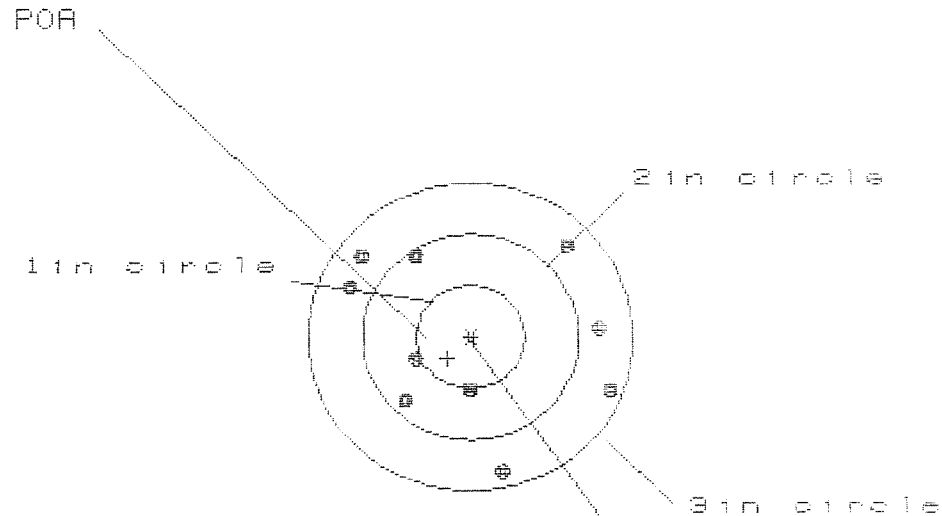
GS = 2.741

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.202	1.094	.736
MINIMUM X	:	-.970	-.786	-.649
MAXIMUM Y	:	1.234	1.369	1.329
MINIMUM Y	:	-.781	-.646	-.686
CENTROID X	:	.348	.456	.319
CENTROID Y	:	-.022	-.157	-.117
POA TO CENTROID in.	:	.349	.482	.340
MIN RADIUS	:	.480	.322	.412
MEAN RADIUS	:	.847	.738	.680
MAX RADIUS	:	1.556	1.371	1.330
HORIZONTAL SPREAD	:	2.172	1.980	1.385
VERTICAL SPREAD	:	2.015	2.015	2.015
EXTREME SPREAD	:	2.741	2.056	2.018
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

31 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225217

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 10

HS= 2.391

VS= 2.178

GS= 2.668

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.308	1.372	1.429
MINIMUM X	:	-1.083	-.937	-.880
MAXIMUM Y	:	.902	.842	.675
MINIMUM Y	:	-1.276	-1.336	-.881
CENTROID X	:	.213	.067	.010
CENTROID Y	:	.208	.268	.435
POA TO CENTROID in.	:	.297	.276	.435
MIN RADIUS	:	.506	.476	.549
MEAN RADIUS	:	1.067	1.007	.948
MAX RADIUS	:	1.416	1.413	1.432
HORIZONTAL SPREAD	:	2.391	2.309	2.309
VERTICAL SPREAD	:	2.178	2.178	1.556
EXTREME SPREAD	:	2.668	2.468	2.336
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

Remington
REG. U.S. PAT. & TM. OFF.

Remington
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

SERIAL NO.
C6225217

ORDER NO.
5716

Ø1

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

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0 47700 25716 7