

C6225279

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

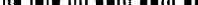
*Includes 1 in chamber.

Remington.

Smead[®]

Serial Number:

BBL - 96003



RE00014587

Final Inspection

S.N. C6225279

DATE REC'D: 9-27-00

DATE RET'D:

AUDITOR: CK

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-250☒ 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:

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

R & E NUMBER 14587			
SERIAL NUMBER C6225229			
LOG-IN DATE 9-27-00			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-29-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-11-00	RW
605	CHECK HEADSPACE	10-11-00	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	11-1-00	RW
655	FINAL INSPECT	11-3-00	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225279
1 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0952
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .717
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .723293

THE AMR FOR THIS RIFLE IS: 1.034

CENTROIDAL DISTANCES

0 TO	1	1
1 TO	2	.562765
1 TO	3	1.32944
1 TO	4	1.22725
1 TO	5	.949916

1 3
 4
2

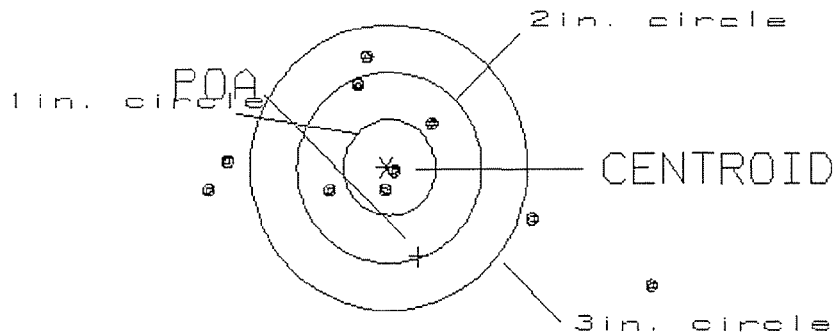
5 + <----POA

PATTERN #: 1
 POA TO CENTROID: 1.000
 MIN RADIUS : .090
 MEAN RADIUS : 1.224
 MAX RADIUS : 3.080
 CENTROID X : -.352
 CENTROID Y : .936

31 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225279

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.73
 VS= 2.34
 GS= 4.83

2
 5
 6

BARBER - M24 0012000

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

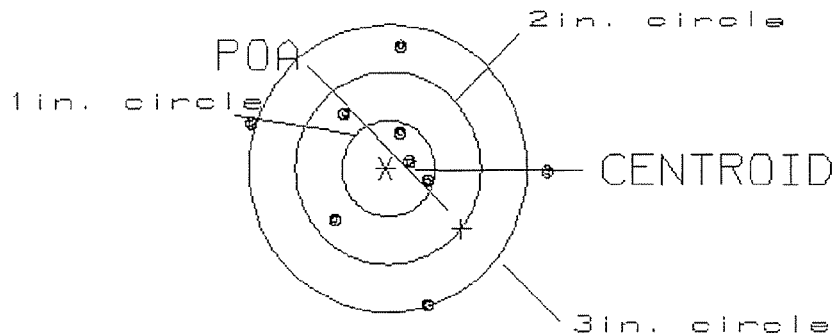
PATTERN #: 2

POA TO CENTROID: 1.035
 MIN RADIUS : .265
 MEAN RADIUS : .940
 MAX RADIUS : 1.723
 CENTROID X : -.823
 CENTROID Y : .628

31 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225279

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.20
 VS= 2.66
 GS= 3.24

3
 6
 8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

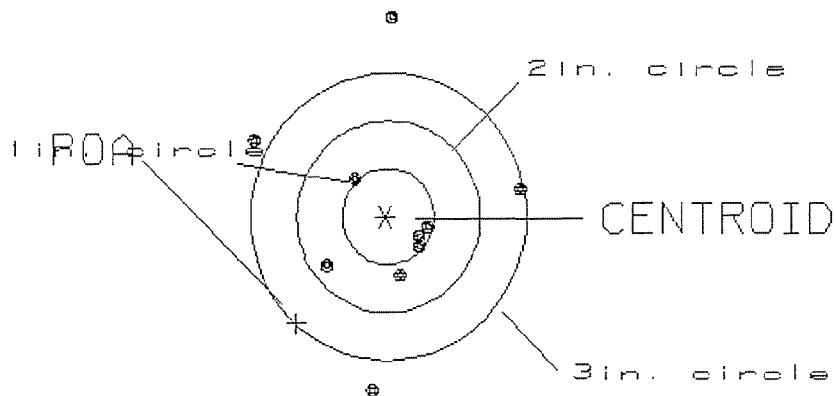
PATTERN #: 3

POA TO CENTROID: 1.471
 MIN RADIUS : .399
 MEAN RADIUS : 1.031
 MAX RADIUS : 2.076
 CENTROID X : .966
 CENTROID Y : 1.110

31 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225279

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.83
 VS= 3.88
 GS= 3.89

3
 6
 7

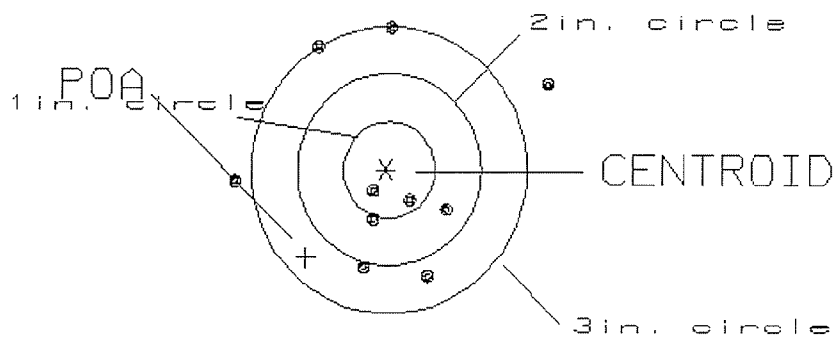
PATTERN #: 4

POA TO CENTROID: 1.263
 MIN RADIUS : .300
 MEAN RADIUS : 1.076
 MAX RADIUS : 1.930
 CENTROID X : .875
 CENTROID Y : .911

31 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225279

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.37

2

VS= 2.64

4

GS= 3.52

7

BARBER - M24 0012003

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

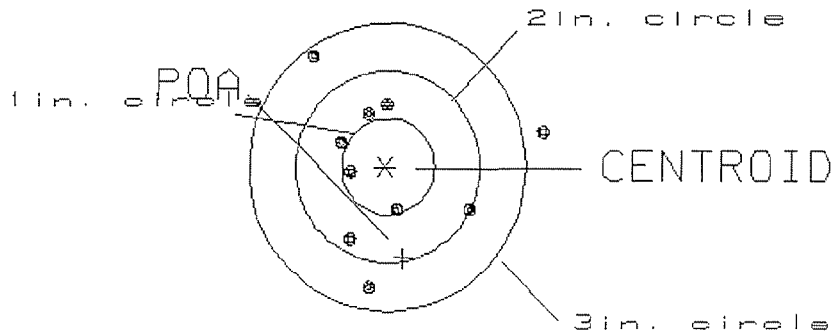
PATTERN #: 5

POA TO CENTROID: .965
 MIN RADIUS : .430
 MEAN RADIUS : .900
 MAX RADIUS : 1.763
 CENTROID X : -.190
 CENTROID Y : .946

31 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225279

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.51
 VS= 2.41
 GS= 2.64

2
 7
 9

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225279

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 17	89	RW
600	Proof	3 17	89	RW
607	Check Headspace	3 17	89	RW
610	Dis-assemble Gun	3 17	89	RW
612	Magnaflux Barrel Action		3/21	KCR
	Magnaflux Bolt		3/21	KCR
615	Rollmark Caliber		3/21	gsl
617	Drill and Tap Sight Holes	3 22	89	FB
618	Polish Barrel	3 22	89	BT.
620	Apply Coatings (Barrel Action)		3/21-89	TSX
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/4/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/4/89	RW
	C) Inspect Ejector Hole for Chamfer		4/4/89	RW
	D) Oil Firing Pin Ass'y		4/4/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/5/89	gsl

op. #	BARBER - M24 0012005 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3	3	3			4-5-89	gq
	G) Safety Off Force	6	6	6			4-5-89	gq
	H) Trigger Pull Test & Retainability						4-5-89	g.s.
	I) Firing Pin Indent	.020	.021	.022			4-5-89	gq
	J) Assemble Stock						4/13/89	rw
	K) Assemble Swivel Studs						18apr/89	rs
	L) Attach Front and Rear Sight Assemblies						4/13/89	rw
	M) Iron Sight Alignment						4/13/89	rw
	N) Detach Front & Rear Sights & place in numbered container						4/13/89	rw
	O) Attach Scope to Rifle						4/13/89	gq
	P) Detach & Attach Scope 20 Times						4/14/89	gq
640	Gallery Target & Test	81 R	71 L				4/17/89	DH
	A) Time						4/17/89	DH
	B) Malfunctions						4/17/89	DH
	C) Pierced Primers						4/17/89	DH
	D) Optical Clarity of Scope						4/17/89	DH
645	Inspect for Live Ammo						4/17/89	DH
655	Final Inspection A) Headspace						18apr/89	rs
	B) Trigger Pull	2.12	2.21	2.28	2.31	2.33	18apr/89	gss
	C) Function						18apr/89	gss
660	Pack						27 June 89	rs

BARBER - M24 0012006

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#SERIAL NO. 5279DATE 3-22-90TESTER 28

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.44	2.35	2.47	MIN. SETTING,
PULL #2	2.53	2.44	2.50	NO AVG. OF 5
PULL #3	2.52	2.33	2.53	READINGS ACCEPT-
PULL #4	2.45	2.40	2.54	ABLE LESS THAN 2#
PULL #5	2.50	2.27	2.48	
TOTAL	12.44	11.79	12.52	
AVG.	2.488	2.358	2.504	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.25	3.14	
PULL #2	3.33	3.05	
PULL #3	3.26	3.12	
PULL #4	3.12	3.14	
PULL #5	3.11	3.23	
TOTAL	16.07	15.68	
AVG.	3.214	3.136	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.20		
PULL #2	4.17	4.23		
PULL #3	4.26	4.24		
PULL #4	4.18	4.29		
PULL #5	4.18	4.32		
TOTAL	20.97	21.28		
AVG.	4.394	4.256		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225279
18 Apr 1989

CENTROIDAL DISTANCES

0 TO	1	.293061
1 TO	2	.1728
1 TO	3	.704591
1 TO	4	1.11272
1 TO	5	.891325

$\bar{x} = \frac{1}{n} \sum_{i=1}^n x_i$ -----POA

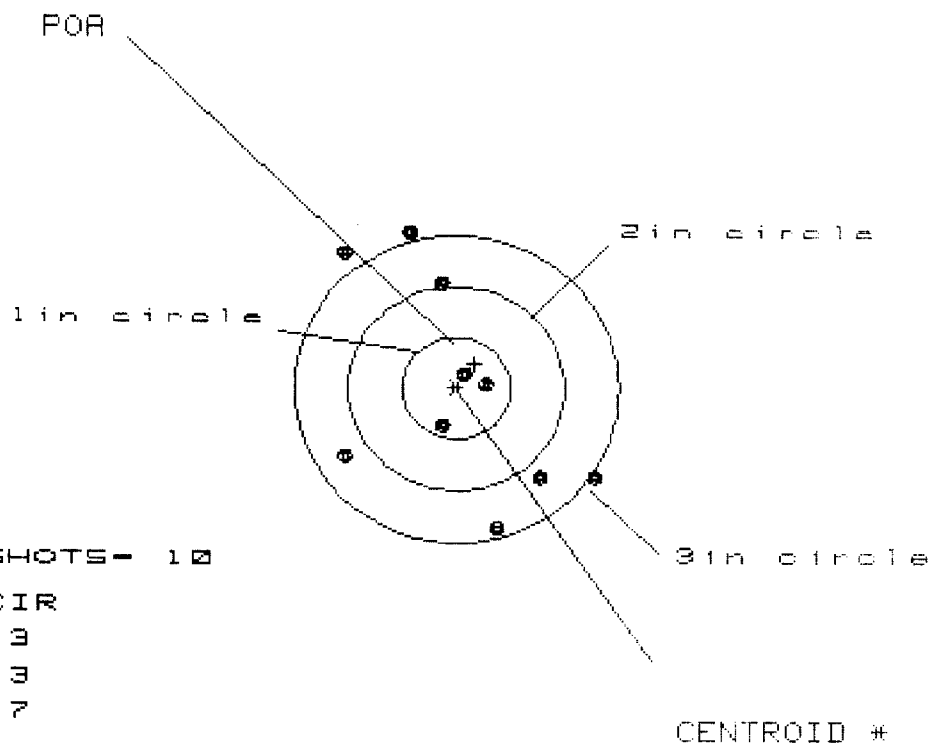
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3642
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0548
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .3683

THE AMR FOR THIS RIFLE IS: .879

18 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225273

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 3

3 in = 7

HS = 2.353

VS = 2.893

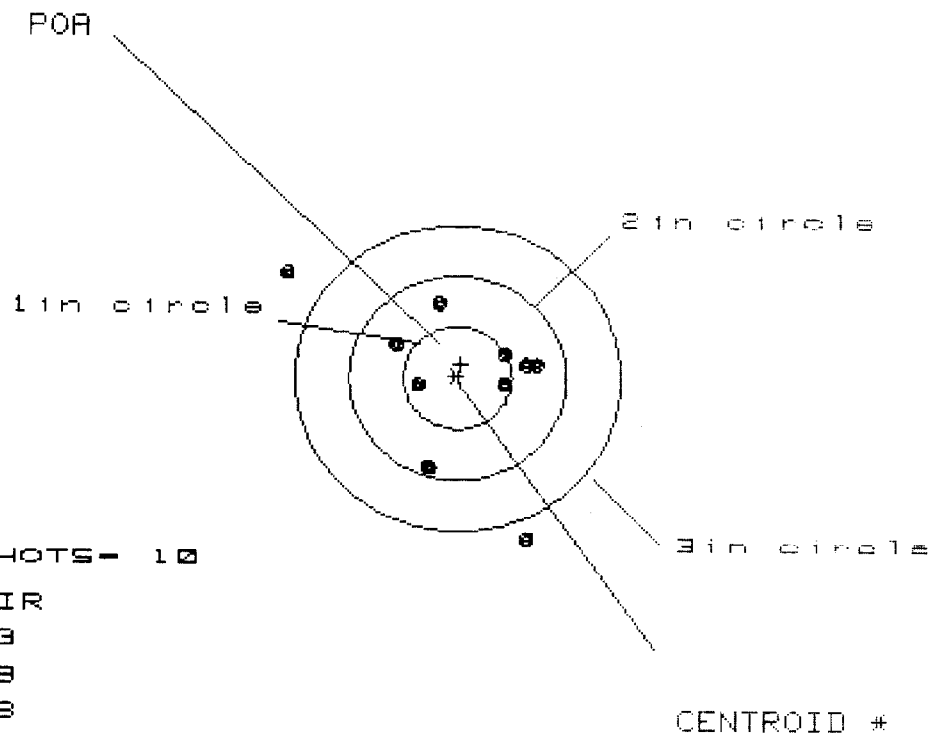
GS = 3.180

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.287	1.168	1.101
MINIMUM X	:	-1.066	-1.165	-1.232
MAXIMUM Y	:	1.534	1.681	1.403
MINIMUM Y	:	-1.359	-1.212	-1.002
CENTROID X	:	-.171	-.052	.015
CENTROID Y	:	-.238	-.385	-.595
POA TO CENTROID in.	:	.293	.388	.595
MIN RADIUS	:	.122	.245	.345
MEAN RADIUS	:	1.045	.958	.860
MAX RADIUS	:	1.699	1.765	1.429
HORIZONTAL SPREAD	:	2.353	2.333	2.333
VERTICAL SPREAD	:	2.893	2.893	2.405
EXTREME SPREAD	:	3.180	2.996	2.446
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	7		

18 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225273

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in - 3

2 in - 8

3 in - 8

HS = 2.331

VS = 2.623

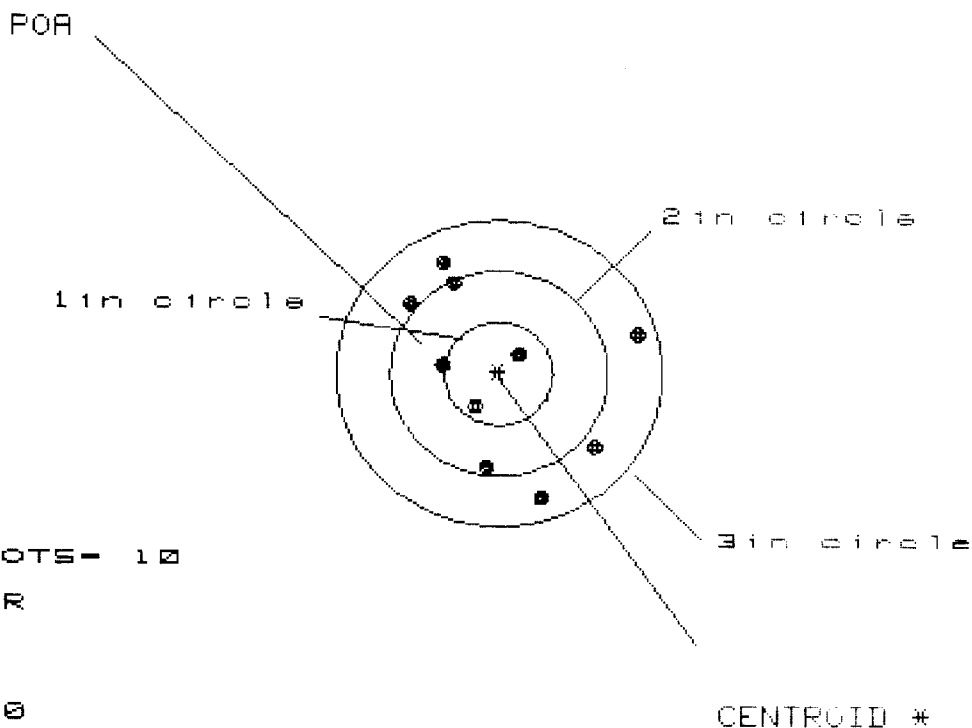
GS = 3.426

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.764	.590	.648
MINIMUM X	:	-1.567	-.701	-.643
MAXIMUM Y	:	1.034	.811	.627
MINIMUM Y	:	-1.590	-1.475	-.895
CENTROID X	:	-.033	.141	.083
CENTROID Y	:	-.134	-.248	-.064
POA TO CENTROID in.	:	.138	.285	.105
MIN RADIUS	:	.427	.303	.321
MEAN RADIUS	:	.853	.723	.591
MAX RADIUS	:	1.877	1.546	.961
HORIZONTAL SPREAD	:	2.331	1.291	1.291
VERTICAL SPREAD	:	2.623	2.286	1.522
EXTREME SPREAD	:	3.426	2.414	1.525
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225279

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.117

VS= 2.270

GS= 2.451

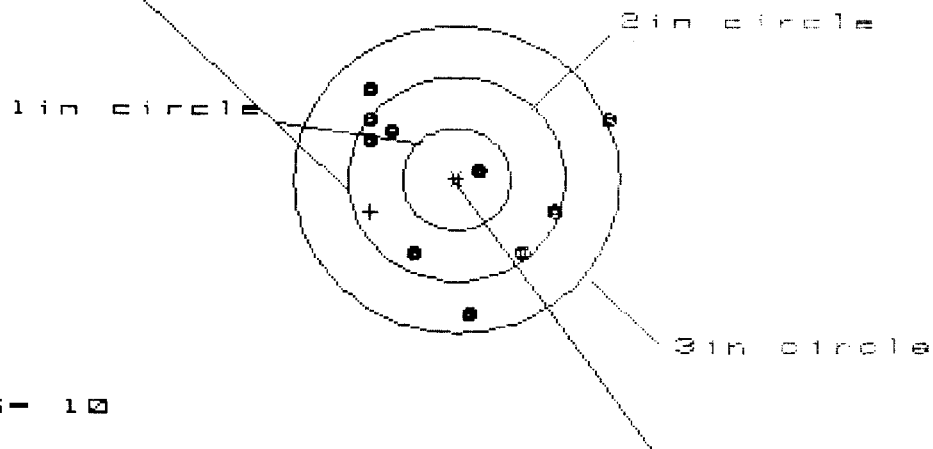
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.256	.997	1.061
MINIMUM X	-.861	-.721	-.657
MAXIMUM Y	1.088	1.126	.983
MINIMUM Y	-1.182	-1.144	-1.052
CENTROID X	.517	.377	.313
CENTROID Y	-.086	-.124	.019
POA TO CENTROID in.	.524	.397	.313
MIN RADIUS	.247	.293	.315
MEAN RADIUS	.900	.840	.777
MAX RADIUS	1.302	1.255	1.328
HORIZONTAL SPREAD	2.117	1.718	1.718
VERTICAL SPREAD	2.270	2.270	2.035
EXTREME SPREAD	2.451	2.451	2.270
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

18 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225279

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 6

3 in - 9

HS= 2.256

VS= 2.178

GS= 2.356

CENTROID +

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.416	1.098	1.136
MINIMUM X	:	-.840	-.683	-.645
MAXIMUM Y	:	.874	.937	.782
MINIMUM Y	:	-1.304	-1.241	-.778
CENTROID X	:	.794	.637	.599
CENTROID Y	:	.316	.253	.408
POA TO CENTROID in.	:	.855	.685	.725
MIN RADIUS	:	.264	.434	.444
MEAN RADIUS	:	.963	.892	.823
MAX RADIUS	:	1.526	1.277	1.204
HORIZONTAL SPREAD	:	2.256	1.781	1.781
VERTICAL SPREAD	:	2.178	2.178	1.560
EXTREME SPREAD	:	2.356	2.356	2.074
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225273

CENTERFIRE PATTERNS # 5

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 3

2 in = 9

3 in = 10

HS = 1.552

VS = 1.639

GS = 1.977

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.600	.494	.439
MINIMUM X	:	-.952	-.557	-.612
MAXIMUM Y	:	.833	.533	.443
MINIMUM Y	:	-.806	-.713	-.789
CENTROID X	:	.714	.820	.875
CENTROID Y	:	-.132	-.225	-.135
POR TO CENTROID in.	:	.726	.850	.885
MIN RADIUS	:	.329	.210	.195
MEAN RADIUS	:	.634	.541	.477
MAX RADIUS	:	1.265	.840	.789
HORIZONTAL SPREAD	:	1.552	1.051	1.051
VERTICAL SPREAD	:	1.639	1.246	1.232
EXTREME SPREAD	:	1.977	1.381	1.381
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

Remington[®]

MODEL 700TM H24

DU PONT
REG. U.S. PAT. & TM. OFF.

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

SERIAL NO.
C6225279

ORDER NO.
5716

01

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