

C6611392

MODEL 700™ N24

Model **SWS**™

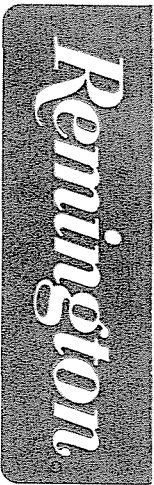
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

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

MODEL 700TM M24

SERIAL NO. C6611392

ORDER NO. 5716

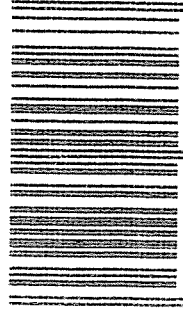
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6611392

LPC



0 47700 25716 7

GUN SERIAL #

C6611392

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25 91		RW
600	Proof	1 25 91		RW
607	Check Headspace	1 25 91		RW
610	Dis-assemble Gun	1 25 91		RW
612	Magnaflux Barrel Action	1 25 91		KR
	Magnaflux Bolt	1 25 91		KR
615	Rollmark Caliber	1 25 91		JS
617	Drill and Tap Sight Holes	1 30 91		FB
618	Polish Barrel <i>WBB</i>	1 30 91		WBB
620	Apply Coatings (Barrel Action)		2-10-91	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	RW
	C) Inspect Ejector Hole for Chamfer		2/11/91	RW
	D) Oil Firing Pin Ass'y		2/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/11/91	ML

op. #	BARBER - M24 0076063 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			2/12/91	WB
	G) Safety Off Force	2 3/4	2 3/4	2 3/4			2/12/91	WB
	H) Trigger Pull Test & Retainability						2/11/91	dy
	I) Firing Pin Indent	.023	.022	.0225			2/12/91	WB
	J) Assemble Stock						2/12/91	RW
	K) Assemble Swivel Studs						2-21-91	AC
	L) Attach Front and Rear Sight Assemblies						2/12/91	RW
	M) Iron Sight Alignment						2/12/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/12/91	RW
	O) Attach Scope to Rifle						2/12/91	RW
	P) Detach & Attach Scope 20 Times						2/12/91	RW
640	Gallery Target & Test						2-12-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						2-12-91	NF
655	Final Inspection							
	A) Headspace						2-22-91	K
	B) Trigger Pull	2.40	2.32	2.43	2.33	2.36	2/19/91	WB
	C) Function						2-22-91	K
660	Pack						3-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611392DATE 2/11/94TESTER JPV

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.41	2.33	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.24	2.19	2.32	
PULL #3	2.24	2.50	2.40	2.43	
PULL #4	2.38	2.24	2.22	2.33	
PULL #5	2.37	2.32	2.47	2.36	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.39		
PULL #2	3.35	3.37		
PULL #3	3.23	3.29		
PULL #4	3.26	3.40		
PULL #5	3.40	3.33		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.28		4.40
PULL #2	4.26	4.41		4.33
PULL #3	4.28	4.43		4.39
PULL #4	4.15	4.22		4.27
PULL #5	4.40	4.14		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611392
13 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.324777
1 TO	2	.0772334
1 TO	3	.427731
1 TO	4	.249552
1 TO	5	.430256

943 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0906
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .112
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .144057
THE AMP FOR THIS RIFLE IS: 1.00

VERTICAL SPREAD :	2.614	2.560	2.070
EXTREME SPREAD :	2.646	2.646	2.345
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		10	

BARBER - M24 0076066

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FILE:/PATTERNING/CENTERFIRE_PATT/C6B11392

CENTERFIRE PATTERNS # 1

POB

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS - 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 3.173

VS= 3.598

GS= 3.598

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.804

1.277

1.302

MINIMUM X

-1.369

-1.169

-1.144

MAXIMUM Y

1.802

1.890

1.817

MINIMUM Y

-1.796

-1.708

-1.472

CENTROID X

.318

.118

.093

CENTROID Y

.066

-.022

-.258

POB TO CENTROID in.

.325

.120

.274

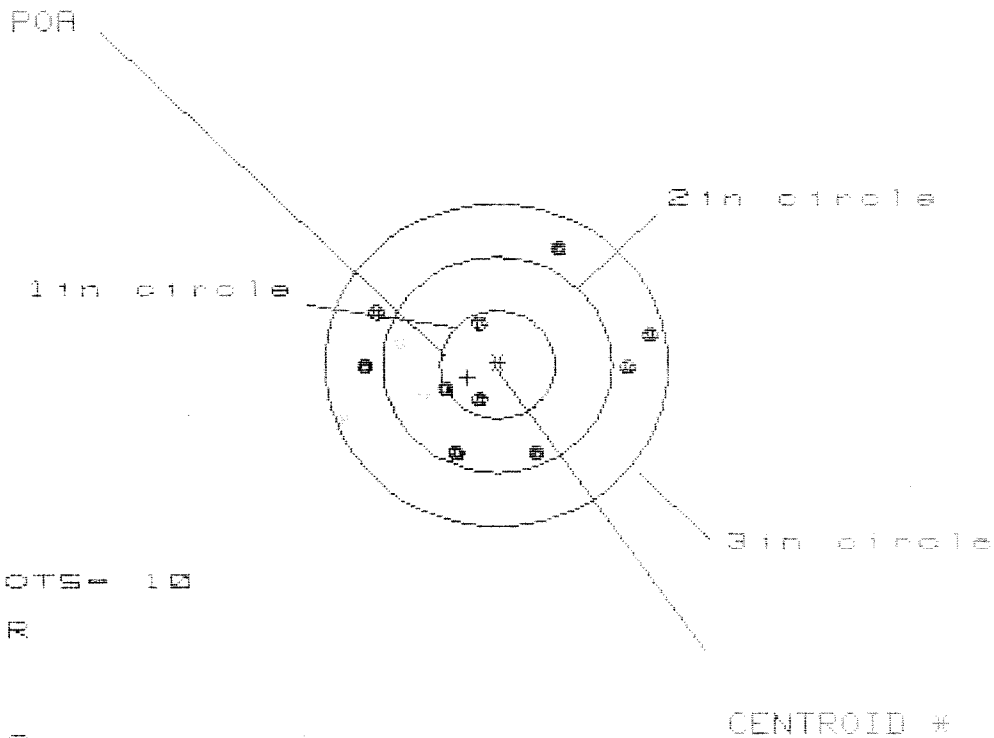
BARBER - M24 0076067

MIN RADIUS	:	.832	.651	.536
MEAN RADIUS	:	1.367	1.267	1.151
MAX RADIUS	:	1.969	1.908	1.851
HORIZONTAL SPREAD	:	3.173	2.446	2.446
VERTICAL SPREAD	:	3.598	3.598	3.289
EXTREME SPREAD	:	3.598	3.598	3.291
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

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FILE:/PATTERNING/CENTERFIRE_PATT/C8B11392

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.537

VS= 1.979

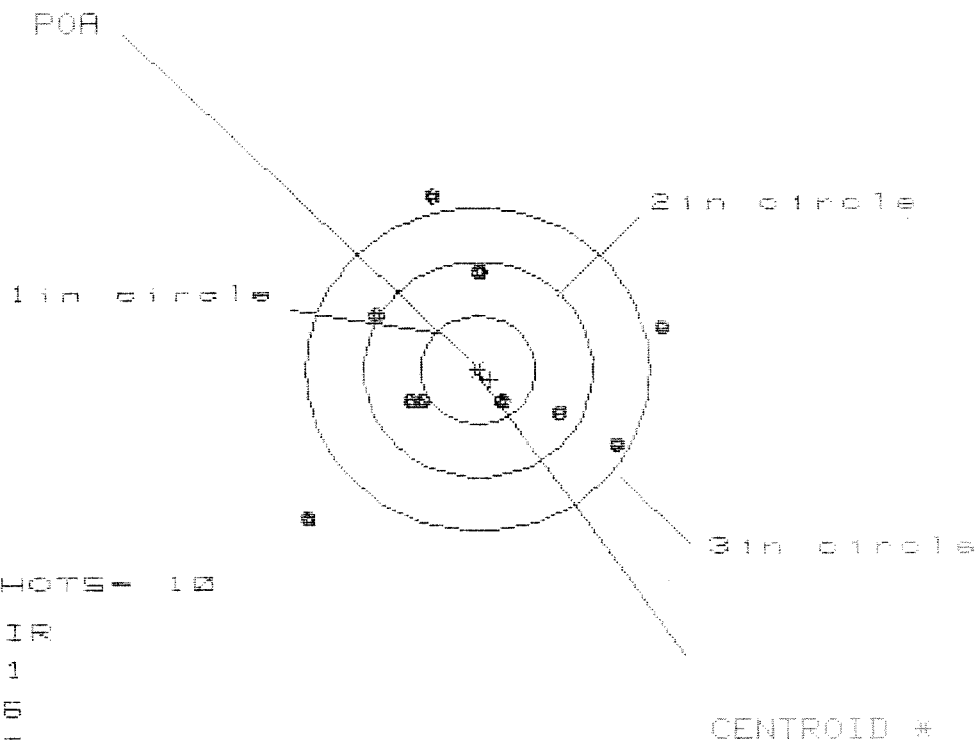
GS= 2.551

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.332	1.324	1.412
MINIMUM X	:	-1.205	-1.057	-.969
MAXIMUM Y	:	1.128	1.154	.699
MINIMUM Y	:	-.851	-.825	-.681
CENTROID X	:	.260	.112	.024
CENTROID Y	:	.117	.091	-.053
POA TO CENTROID in.	:	.285	.144	.058
MIN RADIUS	:	.350	.289	.167
MEAN RADIUS	:	.923	.846	.745
MAX RADIUS	:	1.353	1.351	1.418
HORIZONTAL SPREAD	:	2.537	2.381	2.381
VERTICAL SPREAD	:	1.979	1.979	1.380
EXTREME SPREAD	:	2.551	2.381	2.381
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 7

HS= 3.071

VS= 2.986

GS= 3.586

PATTERN #

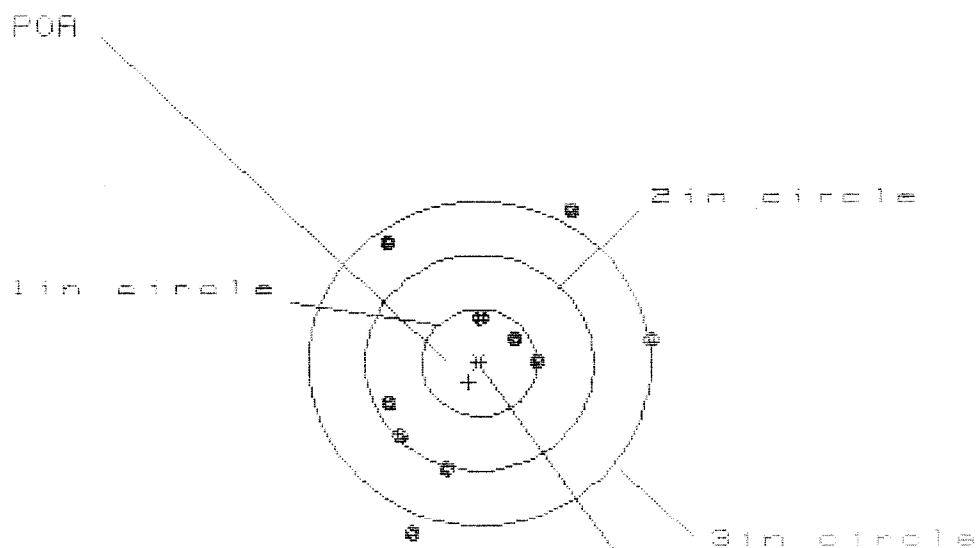
3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.581	1.415	1.193
MINIMUM X	-1.498	-1.030	-.853
MAXIMUM Y	1.581	1.423	1.458
MINIMUM Y	-1.415	-.856	-.821
CENTROID X	-.109	.057	-.120
CENTROID Y	.091	.249	.214
POA TO CENTROID in.	.142	.255	.245
MIN RADIUS	.389	.482	.500
MEAN RADIUS	1.100	1.005	.922
MAX RADIUS	2.055	1.516	1.499
HORIZONTAL SPREAD	3.071	2.445	2.046
VERTICAL SPREAD	2.996	2.279	2.279
EXTREME SPREAD	3.586	2.750	2.750
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 7		

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.250

VS= 3.000

GS= 3.303

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.475	1.409	1.499
MINIMUM X	-.815	-.881	-.791
MAXIMUM Y	1.449	1.276	1.148
MINIMUM Y	-1.551	-1.159	-.999
CENTROID X	.094	.160	.070
CENTROID Y	.176	.349	.189
POA TO CENTROID in.	.200	.384	.202
MIN RADIUS	.370	.255	.385
MEAN RADIUS	1.039	.947	.886
MAX RADIUS	1.661	1.466	1.519
HORIZONTAL SPREAD	2.290	2.290	2.290
VERTICAL SPREAD	3.000	2.435	2.147
EXTREME SPREAD	3.303	2.677	2.462

NUMBER IN ONE INCH CIRCLE =
 NUMBER IN TWO INCH CIRCLE =
 NUMBER IN THREE INCH CIRCLE =

2
 5
 8

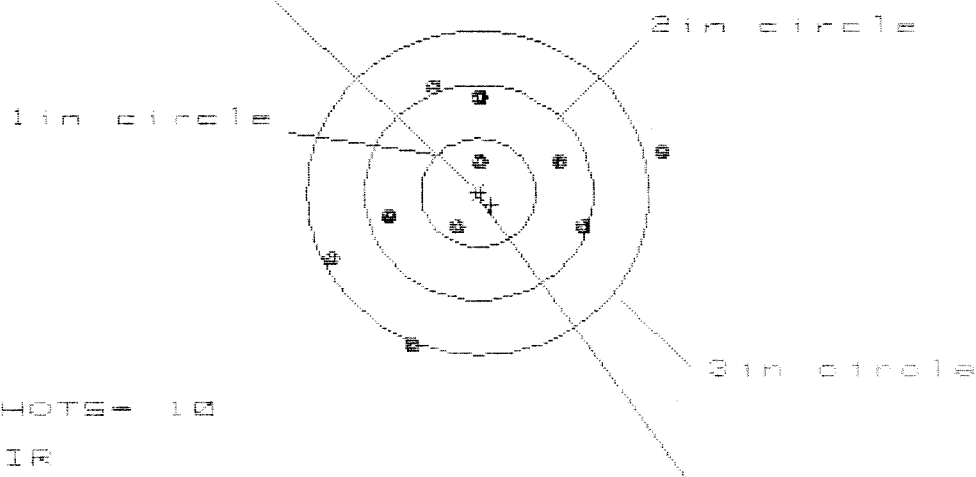
BARBER - M24 0076071

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CENTERFIRE PATTERNS # 5

FOR



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.912

VS= 2.468

GS= 3.082

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.622

1.048

.992

MINIMUM X

-1.290

-1.110

-1.166

MAXIMUM Y

1.033

1.074

.900

MINIMUM Y

-1.435

-1.394

-.769

CENTROID X

-.110

-.290

-.233

CENTROID Y

.110

.069

.243

FOR TO CENTROID in.

.156

.298

.337

MIN RADIUS

.296

.224

.190

MEAN RADIUS

.972

.886

.790

MAX RADIUS

1.664

1.466

1.397

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
 KINZER V. REMINGTON**

BARBER - M24 0076071

M240076110

VERTICAL SPREAD :	2.468	2.468	1.669
EXT BARBER - M24 0076072	3.082	2.485	2.246
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	