

C6648962

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Remington®

Model 700™ H24

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

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

SERIAL NO.
C6648962

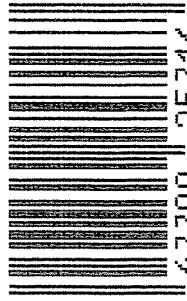
ORDER NO.
5716

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



5716 C6648962

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6648962

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 2	9 1	RW
600	Proof	7 2	9 1	RW
607	Check Headspace	7 2	9 1	RW
610	Dis-assemble Gun	7 2	9 1	RW
612	Magnaflux Barrel Action		JUL 22 1991	GS
	Magnaflux Bolt		JUL 22 1991	GS
615	Rollmark Caliber		JUL 22 1991	GS
617	Drill and Tap Sight Holes		JUL 22 1991	LB
618	Polish Barrel		7/22/91	WB
620	Apply Coatings (Barrel Action)		8-28-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/28/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/28/91	RW
	C) Inspect Ejector Hole for Chamfer		8/28/91	RW
	D) Oil Firing Pin Ass'y		8/28/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/29/91	94

op. #	BARBER - M24 0030038	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5½	5½	5½			8-29-91	D/H
	G) Safety Off Force	2	2	2			8-29-91	D/H
	H) Trigger Pull Test & Retainability						8/29/91	RM
	I) Firing Pin Indent	.022	.023	.022			8-29-91	D/H
	J) Assemble Stock						8/30/91	RW
	K) Assemble Swivel Studs						8-31-91	D/H
	L) Attach Front and Rear Sight Assemblies						8/30/91	RW
	M) Iron Sight Alignment						8/30/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/30/91	RW
	O) Attach Scope to Rifle						8/30/91	RW
	P) Detach & Attach Scope 20 Times						8/30/91	RW
640	Gallery Target & Test						8-30-91	AC
	A) Time						8-30-91	A
	B) Malfunctions						8-30-91	A
	C) Pierced Primers						8-30-91	A
	D) Optical Clarity of Scope						8-30-91	A
645	Inspect for Live Ammo						8-30-91	A
655	Final Inspection							
	A) Headspace						8-31-91	D/H
	B) Trigger Pull	2.36	2.30	2.40	2.40	2.37	8-31-91	D/H
	C) Function						8-31-91	D/H
660	Pack						9-18-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06648962

DATE 8/29/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.44	2.50	2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.50	2.47	2.30	
PULL #3	2.43	2.47	2.47	2.40	
PULL #4	2.46	2.53	2.51	2.40	
PULL #5	2.49	2.55	2.50	2.37	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.31		
PULL #2	3.32	3.20		
PULL #3	3.24	3.18		
PULL #4	3.20	3.30		
PULL #5	3.28	3.27		
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	4.55		4.51
PULL #2	4.49	4.47		4.56
PULL #3	4.58	4.59		4.63
PULL #4	4.24	4.45		4.50
PULL #5	4.45	4.60		4.67
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648962
30 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.174428
1 TO	2	.145774
1 TO	3	.103
1 TO	4	.131594
1 TO	5	.28895

4 <----POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0854
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1092
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .138628

THE AME FOR THIS RIFLE IS: .8912

38 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6648962

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 1.497

VS= 1.989

GS= 2.292

CENTROID #

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

10

9

8

.750

.808

.737

-.747

-.689

-.760

.927

.809

.703

-1.062

-.956

-.855

.155

.097

.168

-.080

.038

-.063

.174

.105

.179

.428

.325

.431

.793

.732

.703

1.182

1.177

1.054

1.497

1.497

1.497

1.989

1.765

1.558

2.292

2.162

2.040

3

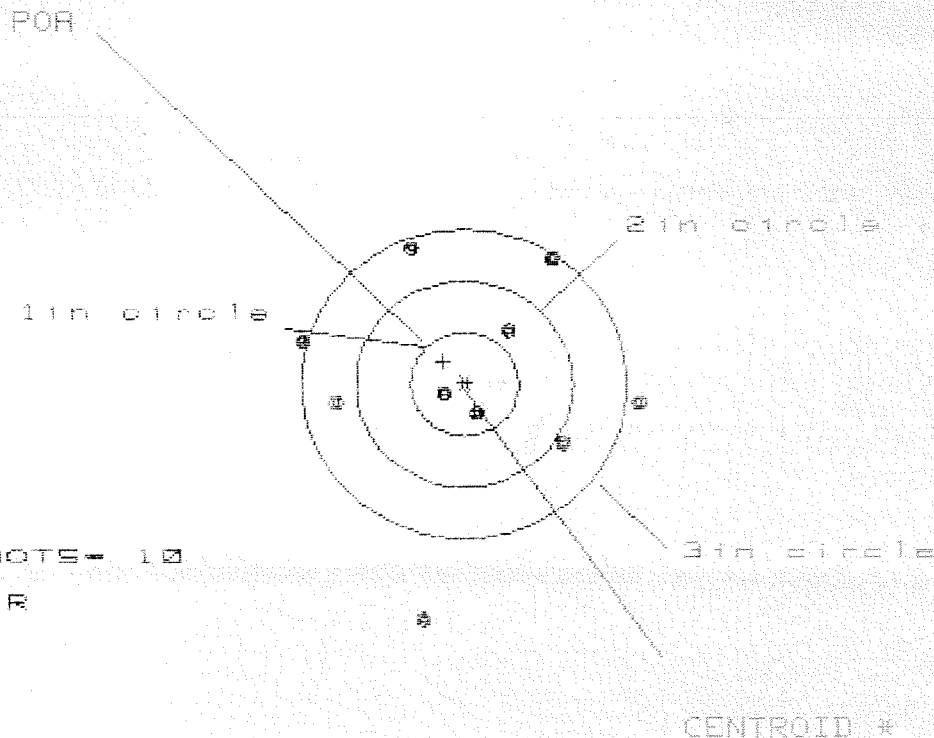
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10

30 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6640952

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 3

3 in = 7

HS = 3.101

VS = 3.615

GS = 3.762

PATTERN #	2	10	9	8
SHOTS (BEST OF)	10	9	8	
MAXIMUM X	1.569	1.523	1.326	
MINIMUM X	-1.532	-1.578	-1.421	
MAXIMUM Y	1.309	1.053	1.077	
MINIMUM Y	-2.306	-1.805	-1.781	
CENTROID X	.192	.238	.435	
CENTROID Y	-1.221	.035	.011	
POA TO CENTROID in.	.293	.241	.435	
MIN RADIUS	.208	.417	.319	
MEAN RADIUS	1.180	1.050	.965	
MAX RADIUS	2.343	1.589	1.484	
HORIZONTAL SPREAD	3.101	3.101	2.747	
VERTICAL SPREAD	3.615	1.858	1.858	
EXTREME SPREAD	3.762	3.159	2.747	
NUMBER IN ONE INCH CIRCLE =		2		
NUMBER IN TWO INCH CIRCLE =		3		
NUMBER IN THREE INCH CIRCLE =		7		

30 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08648962

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 9

3 in = 10

HS = 1.675

VS = 2.356

GS = 2.359

PATTERN # : 3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.956	.954	.967
MINIMUM X	-.719	-.721	-.708
MAXIMUM Y	.981	.828	.846
MINIMUM Y	-1.375	-.816	-.713
CENTROID X	.052	.054	.041
CENTROID Y	-.080	.073	-.030
POA TO CENTROID in.	.095	.091	.051
MIN RADIUS	.418	.480	.443
MEAN RADIUS	.823	.752	.733
MAX RADIUS	1.376	1.074	1.006
HORIZONTAL SPREAD	1.675	1.675	1.675
VERTICAL SPREAD	2.356	1.644	1.559
EXTREME SPREAD	2.359	1.779	1.779
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

30 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C654B982

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 2.400

VS= 1.568

GS= 2.530

CENTROID *

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.326

1.410

.717

MINIMUM X

-1.074

-.927

-.750

MAXIMUM Y

1.015

.959

.927

MINIMUM Y

-.553

-.609

-.641

CENTROID X

.129

-.018

-.194

CENTROID Y

.049

.105

.137

POA TO CENTROID in.

.138

.107

.238

MIN RADIUS

.073

.099

.226

MEAN RADIUS

.755

.661

.572

MAX RADIUS

1.420

1.433

.927

HORIZONTAL SPREAD

2.400

2.337

1.467

VERTICAL SPREAD

1.568

1.568

1.568

EXTREME SPREAD

2.530

2.388

1.600

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

6

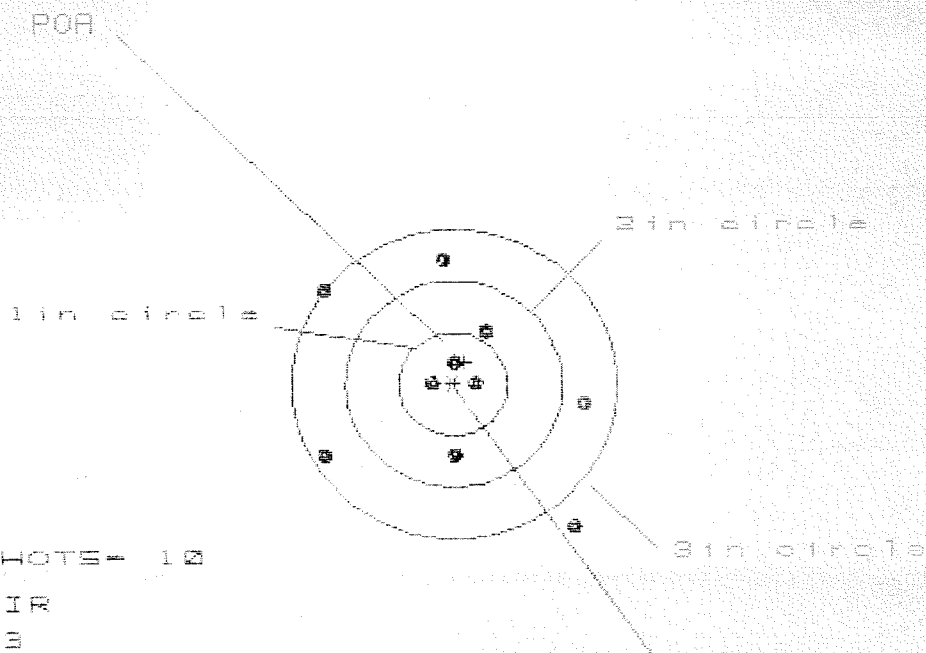
NUMBER IN THREE INCH CIRCLE =

10

30 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8648962

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.872

VS= 2.640

GS= 3.294

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.171	1.298	1.167
MINIMUM X	-1.201	-1.074	-1.205
MAXIMUM Y	1.247	1.093	1.192
MINIMUM Y	-1.393	-1.015	-1.716
CENTROID X	-1.101	-1.228	-1.097
CENTROID Y	-1.214	-1.060	-1.159
POA TO CENTROID in.	.237	.236	.187
MIN RADIUS	.189	.130	.182
MEAN RADIUS	.905	.798	.712
MAX RADIUS	1.800	1.351	1.401
HORIZONTAL SPREAD	2.372	2.372	2.372
VERTICAL SPREAD	2.640	1.908	1.908
EXTREME SPREAD	3.294	2.622	2.412
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	